



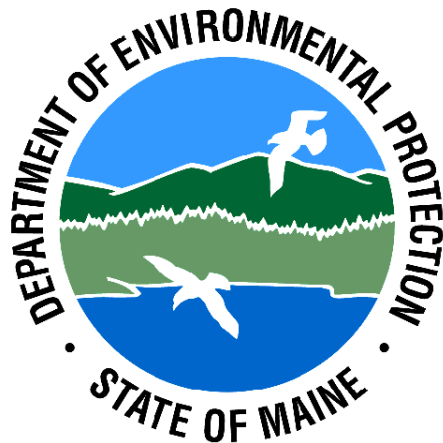
Memorandum of Findings: Investigation of Air, Outfall Pipe Discharges, Soil, and Sediment at the Mason Station Power House and Associated Buildings and Property

Final

Memorandum of Findings: Investigation of Air, Outfall Pipe Discharges, Soil, and Sediment at the Mason Station Power House and Associated Buildings and Property

Remediation Site #REM03185

Maine Department of Environmental Protection
Bureau of Remediation and Waste Management
Division of Technical Services



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Memorandum of Findings: Investigation of Air, Outfall Pipe Discharges, Soil, and Sediment at the Mason Station Power House and Associated Buildings and Property

Title and Approval Page

Document Title: Memorandum of Findings: Investigation of Air, Outfall Pipe Discharges, Soil, and Sediment at the Mason Station Power House and Associated Buildings and Property


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Acronyms and Abbreviations

AWQC – Ambient Water Quality Criteria
AQM – Air Quality Management Services Inc
BTEX – Benzene, Toluene, Ethylbenzene, and Xylene
COC – Contaminants of Concern
DL – Detection Limit
DNAPL – Dense Non-aqueous Phase Liquid
DQO – Data Quality Objective
DUP – Duplicate
EF – Effluent
Eh – Oxidation-Reduction Potential
EGAD – Environmental and Geographic Analysis Database
EPH – Extractable Petroleum Hydrocarbon
EU – European Union
GPS – Global Positioning System
HAPs – Hazardous Air Pollutants
HASP – Health and Safety Plan
Hg – Mercury
LNAPL – Light Non-Aqueous Phase Liquid
LUC – Land Use Controls
MDL – Minimum Detection Limit
MEDEP – Maine Department of Environmental Protection
M.R.S. – Maine Revised Statute
NA – Not Applicable
NAD – North American Datum
NAPLE – Non-aqueous Phase Liquid
NESHAP – National Emission Standard for Hazardous Air Pollutants
NO – Number
NPDES – National Pollutant Discharge Elimination System
PAH's – Polycyclic Aromatic Hydrocarbons
PCB's – Poly Chlorinated Biphenyls
PCE – Pentachlorophenol
PCM – Phase Contrast Microscopy
PID – Photo Ionization Detector
PLM – Polarized Light Microscopy
PPB – Parts Per Billion
PPE – Personal Protective Equipment
PQL – Project Quantitation Limit
QAC – Quality Assurance Coordinator
QAPP – Quality Assurance Project Plan
QC – Quality Control
RAGs – Remedial Action Guidelines
RL – Reporting Limit
RWM – Remediation and Waste Management
SAP – Sampling and Analysis Plan
SD – Sediment



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SETR – Sampling Event Trip Report
SOP – Standard Operating Procedures
STEL – Short Term Exposure
SQuiRT – Screening Quick Reference Tables
TAL – Target Analyte List
TBD – To Be Determined
TEM – Transmission Electron Microscopy
TSCA – Toxic Substances Control Act
TOC – Total Organic Carbon
USEPA/EPA – United States Environmental Protection Agency
UTM – Universal Transverse Mercator
VOC – Volatile Organic Compound
VPH – Volatile Petroleum Hydrocarbon



Section 1: Introduction & Executive Summary

On September 12th, 2023, the Maine Department of Environmental Protection, hereafter referred to as MEDEP or The Department, obtained and executed an administrative warrant for the Mason Station Power House Site, #REM01385, located at 1 Point East Drive, Wiscasset, referred to as Lot 81 of the Wiscasset Assessors Tax Map R-7A, and generally depicted in the attached figures (Site). Tax records indicate Mason Station LLC as the current property owner of the Site. A copy of the Administrative Warrant, issued and signed by the 11th District Court in Wiscasset Maine can be found as **Appendix E**. Sampling efforts continued through the duration of a ten-day access period granted by the administrative warrant and was completed on September 21st. Environmental samples were collected by MEDEP staff and its consultants of media including sediment, soil, effluent water, air, unknown substances, and bulk material from locations interior and exterior of the Site. Samples were submitted to Alpha Analytical Laboratories for analysis as detailed in the SAP-QAPP (MEDEP, 2023) to assess potential impacts to the environment from historic Site operations and currently deteriorating Site building conditions that have released contaminants of concern (COC's) including, but not limited to, waste oil, polychlorinated biphenyls (PCB's), heavy metals, polycyclic aromatic hydrocarbons (PAH's), and asbestos.

Seventeen (17) sediment samples, eight (8) effluent water samples, two (2) soil samples, three (3) unknown substance samples, six (6) bulk material samples, seven (7) air samples, and one (1) background sediment sample were collected to assess if contamination was migrating through the fifteen (15) outfall pipes, two (2) stormwater outfall pipes, and three (3) condenser discharge pipes connecting the Power House structure to the adjacent Sheepscot River. These pipes represent the primary potential pathways for contaminant migration. In addition to collecting samples, MEDEP performed dye tests on seven (7) areas interior of the Power House building to determine if hydrologic connections exist between the building interior and the Sheepscot River.

This memorandum of finding presents the technical approach employed for conducting the Site investigation, results of the investigation, an assessment of regulatory threshold exceedances, recommendations for additional investigation, and actions needed to prevent impacts to the environment. A summary of findings include:

- Dye testing of interior floor trenches and vaults demonstrated that two (2) complete pathways to the Site building's exterior are present.
- Analytical analysis of sediment, air, effluent water, miscellaneous substances, and bulk material samples has confirmed the presence of PCBs, waste oil, PAHs, SVOCs, metals, and asbestos within the Power House structures interior.
- Analytical testing of sediment and effluent water has confirmed the presence of PCBs, waste oil, PAHs, SVOCs, metals, and asbestos exterior to the Power House structure.
- There is an extensive amount of deteriorating asbestos present in Site buildings which is exacerbated by infiltrating water.
- The roof of the Power House structure leaks extensively and some roof drains discharge to the above referenced floor trenches mobilizing COCs to the environment.
- Unlicensed discharges from the Power House structure to the Sheepscot River are not permitted and concentrations of Site COCs including PCBs, PAHs, waste oil, & asbestos, identified as hazardous substances as defined by the Uncontrolled Sites Law pursuant to 38 M.R.S. § 1362(1) are being discharged from the Mason Station Site Power House building interior to the Sheepscot River estuary, a class SB watershed.



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- Sediment samples collected during the Site investigation identified metals, PAHs, pesticides, and PCBs exceeding Remedial Action Guidelines threshold for applicable exposure scenarios.
- NOAA SQuiRT screening levels were exceeded for metals, and PAHs in sediment and metals, PAHs, and PCBs in effluent water. These screening level exceedances deserve further assessment for impacts to the Sheepscot River estuary and ecological receptors.

These findings have confirmed hazardous substances were handled or came to be located at the Site and that hazardous substances are being discharged to the Sheepscot River. It should also be assumed that all contaminants within the building have potential to be mobilized by infiltrating rainwater and to migrate through floor trenches and outfall pipes to the environment.

Numerous spills have been identified in the Power House Structure. Equipment and piping that contain hazardous substances require assessment, inventory, and removal. Risk of significant discharge to the environment will increase without substantial efforts to repair and maintain the Power House structure and its contents.

The sampling summarized in this report was limited in scope and was not intended to fully characterize the Site for environmental impacts, including the extent of PCB contamination that is subject to the Environmental Protection Agency's (USEPA) Toxic Substances Control Act (TSCA). The information gained from this investigation has further developed the conceptual site model for the Site by confirming pathways for contaminants to migrate outside of Site buildings, by defining nature and extent of impacts to the environment, and by assessing the safety of MEDEP staff or any other person entering Site buildings.

As a result of this investigation, MEDEP has compiled specific actions needed to prevent continued discharges of hazardous substances to the environment:

- The building should be sealed from water entering the structure. Repairs made to the roof in recent years are insufficient and have not prevented infiltration of rainwater to the building's interior.
- Floor trenches and outfall pipes should be permanently disabled by sealing with concrete. Floor trenches will require decontamination prior to being abandoned. Where roof drains discharge to floor trenches, they should be rerouted to discharge through designated discharge points exterior to the building that do not commingle water from various sources.
- The detections of PCBs in Units 1 & 2 floor trench should be further investigated to determine source and extent.
- Vanadium detections should be further investigated to determine source and extent.
- Deteriorated asbestos should be abated from the Power House structure to prevent ongoing discharge or impacts to receptors.
- Asbestos air samples should be collected during a period when there is no precipitation and the building is dry, since moisture can bias the results low.
- Additional samples should be collected at the Site to speciate chromium to identify risk from hexavalent chromium.
- Work performed to complete these recommendations should be conducted in accordance with a DEP-approved plan.

In addition to recommendations put forth by MEDEP, the Site will require further investigation and remediation of hazardous substances to fully abate risk to human health and the environment.



1.1 Investigation Objectives

DEP is investigating whether hazardous substances, as defined in 38 M.R.S. § 1362(1), were handled or came to be located at the Site. Sampling will define the extent of COCs and hazardous substances that have been discharged at the Site including, but are not limited to, PCBs, heavy metals, waste oil, and asbestos.

This investigation and all its data provide critical information about pathways for contaminant migration from Site buildings to the environment, by further defining the nature and extent of these contaminants, and by assessing the safety and exposure of MEDEP staff.

The limited sampling design supports the objective of identifying discharges of COCs from the Mason Station Power House and associated buildings to the environment. Soil, air, sediment, bulk material, unknown substances, and effluent water from outfall pipes with active discharges were sampled to accomplish the Site investigation objectives. The sampling summarized in this report was limited in scope and is not intended to fully characterize the Site for environmental impacts.

1.2 Site History

The Site was used for power generation from the mid 1940s to the early 1990s, and the Site has been vacant and unused from approximately 2003 to the present. The primary Site structure is referred to as the Power House structure which consists of a multi-story industrial building constructed of brick and steel and was initially a coal fired power plant and later converted to produce power through use of oil. The Power House structure has three sections: Units 1 & 2, Units 3 & 4, and Unit 5 which were constructed at different times over the course of the facility's operable years.

Some of the building's former power generation equipment has been removed but a significant portion of its operational contents remain onsite and in poor condition. The structures roof and roof drain network leak water into the building's interior which exacerbates the deterioration of its contents. Many environmental investigations have been performed on the Site beginning in 1992 including some partial remedial actions. Despite these efforts, the building continues to release COCs within the structure which pose a risk to human health and the environment.

A series of basement vaults, floor trenches, and roof drains convey fluids from the building through outfall pipes to the Sheepscot River. There is not a complete understanding of these pathways due to the complexity of the Power House structure and incomplete records of its design. The basement vaults are large concrete chambers located below grade on the lowest level of the Power House structure and are inaccessible due to flooding but can be observed from the ground level mezzanines.

PCB containing transformers were removed from the interior and exterior of the Power House structure in 2020 under the oversight of EPA's TSCA Program and MEDEP. The removal action was completed in response to confirmed releases of PCBs, however the extent of associated PCB discharges still have not been determined by the Site owner, and associated remediation has not been completed in accordance with EPA TSCA regulations.



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Many pieces of equipment, storage tanks, and piping are wrapped in asbestos insulation. The poor building conditions have allowed the asbestos to deteriorate in many locations throughout the building. Asbestos can be observed in piles on the floor where it has fallen from overhead building components and has reached the floor trench network in some locations. Asbestos impacts to the environment have been confirmed during past investigations related to disposal areas exterior to the structure. It has never been determined if the outfall pipes are a current migration pathway for this contaminant.

Overhead piping and miscellaneous equipment have also begun to deteriorate due to poor building conditions and have released an unknown quantity of waste oil that remains in the Power House structure from when it was an operational power generation facility. Numerous spills have been identified in all units of the Power House structure, the majority of which are number 6 high viscosity oil, while others are of an indeterminate composition. In several locations these waste oil releases have reached the floor trench network.

PAHs and metals are contaminants associated with the historic operation of the former coal and oil-fired power plant. As equipment and the building continue to deteriorate, these contaminants may become mobilized. Due to the poor condition of the building and its contents, this investigation is necessary to determine potential impacts to the environment that may pose an unacceptable risk to human health and the environment.

1.3 Previous Investigations

Sediment sampling has been completed in easily accessible areas located in wadable tidal flats north and south of the Power House structure. Areas previously sampled are situated away from the outfall locations which are the point source for any discharges from the Power House structure, including Site COCs.

Sediment data from 2006-2008 identified PCBs, PAHs, and metals concentrations above. NOAA screening criteria in several samples and isolated PCB hot spots which cannot be discounted as outliers due to repeated detections in replicate samples. The correlation of TOC, grainsize, and total PCB concentrations in the 2008 data set provides evidence that discharges from the Power House structure occurred. PCBs are extremely hydrophobic and would correlate closely to total organic carbon (TOC) if homogenized in the environment, as would be expected in areas impacted from a distal source.

In 2018, outfall pipe No. 006 was sampled in response to a leaking transformer in Unit 5 of the Power House structure documented as Spill No. A-678-2018 in MEDEP records. Petroleum fraction C19-C36 Aliphatics were detected at a concentration of 592 micrograms per liter (ug/L) and copper and nickel exceeded the Surface Water Quality Criteria for Toxic Pollutants in saltwater. It is believed that outfall pipe No. 006 has not been sampled since. It is also believed all other outfall pipes have not been sampled since the National Pollutant Discharge Elimination System (NPDES) permit lapsed in the early 2000s when the facility was still operational.



Section 2: Field Investigation Activities

Target areas of the investigation are divided into two discrete environments:

- Areas interior of the Power House structure; and
- Areas exterior of the Power House structure

Sample teams entering the Power House structure donned Level C PPE while all other MEDEP staff exterior of the Power House structure donned Level D PPE. Interior and exterior samples were collected simultaneously as multiple MEDEP sample teams executed fieldwork.

The limited sample design was developed to optimize available resources and generate data to satisfy the objective of determining discharge of COCs to the building's exterior while also assessing risk to human health and the environment. Concentrations of samples collected for similar media from interior and exterior areas of the building allow for comparison to assess ongoing releases of Site COCs.

During the administrative warrant sampling efforts, No. 6 oil was identified leaking from equipment at the main entrance in Units 1 & 2, a release was identified in the west portion of Units 1 & 2 leaking from an upper level, and a third No. 6 oil release was identified in the Screenhouse No.2 building weeping from a severed pipe. Inadequate efforts were made to contain the No. 6 oil release in the western portion of Units 1 & 2 by placing absorbent pads on the floor and a five-gallon bucket was located to try and catch leaking oil from above. The No. 6 oil release identified in the Screenhouse No.2 had a plastic bag placed over the end of the pipe and was filled with oil. The bag had holes and was leaking No. 6 oil to the ground surface. These remedies demonstrate the insufficient attempts in addressing spills once they are identified by the Site's owners. Reference **Appendix A – Photo log** for documentation of these spills.

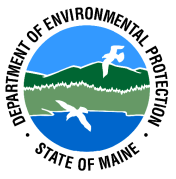
Additional substances were identified throughout the Power House building that appeared to be releases of hazardous substances. A yellow oily substance was identified in floor bays around pipe banks in Units 1 & 2. A second yellow oily substance was identified in a floor trench in Units 1 & 2. A black and yellow solid substance was identified below a hopper in the southwest part of Units 1 & 2.

All exterior sample locations were surveyed utilizing a Trimble GPS capable of sub meter accuracy. Sample locations depicted on figures interior of the powerhouse structure are approximate in location. Figures 1 – 8 detail the sample locations for each media.

2.1 Building Interior Areas of Investigation

Basement vaults and floor trenches were the primary features sampled as these are connected to the fifteen (15) outfall pipes that serve as potential migration pathways to the Sheepscot River and are also likely to accumulate contaminated water and sediment that originated in other areas of the building.

Floor trenches within the buildings have gate valves intended to retain flow just before the discharge points along the buildings east wall. Each gate valve has been assessed during previous site visits and it was not clear if they were functioning as intended. As additional water entered the building through the leaking roof and roof drains, the floor trench network and basement vaults maintained a static high-water level that was never exceeded. This additional influx of water was presumed to be exiting the building.



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Sediment and effluent water samples collected from floor trenches were collected immediately upgradient of the gate valves. Three (3) effluent water floor trench samples and two (2) effluent water basement vault samples were collected from the building's interior. Two (2) sediment samples from floor trenches and one (1) sediment sample from a basement vault was collected from the building's interior.

Bulk material and miscellaneous substances were sampled in areas of the buildings interior where equipment and contents had deteriorated and could easily be accessed. Sample locations were also chosen because the bulk material and miscellaneous substances could easily be tracked or be transported via water through the leaking roof and roof drains into floor trenches or vaults. Six (6) bulk material samples were collected from areas in Units 1 & 2 and Units 3 & 4. Three (3) miscellaneous substances samples were collected from areas in Units 1 & 2 from releases identified by Department staff discussed in Section 2.1. Due to a limited number of laboratory provided sample containers, not all release sites identified were sampled as part of this investigation.

MEDEP contracted Air Quality Management Services Inc. (AQM), a licensed asbestos consultant to collect two types of air samples to assess levels of airborne asbestos: general air samples and personal exposure samples in accordance with industry standard practices.

General asbestos air sample locations were determined at the time of collection. Two (2) interior air samples were collected, one (1) in Units 1 & 2 and a second in Units 3 & 4. These general air samples were collected from stationary tripods with a collection time of 120 minutes. Samples were analyzed by Transmission Electron Microscopy (TEM) which was selected by AQM because it is asbestos specific.

Three (3) personal exposure monitoring samples were collected from the breathing zone of MEDEP staff as they performed a site inspection of the buildings interior and while they collected environmental samples. Personal exposure monitoring samples were collected to assess both a short-term exposure (STEL) and fiber count by Phase Contrast Microscopy (PCM).

Due to safety concerns, MEDEP staff and its consultants only conducted sampling efforts on the ground (1st floor) of the Power House structure. Upper levels accessed by steel grated stairs and mezzanines were not inspected due to safety concerns and limited nature of this sampling effort and remain a data-gap for this investigation. When samples were collected in trenches or vaults, peristaltic pumps and pole mounted sampling devices were utilized to prevent the sampler from entering the spaces.

2.2 Building Exterior Areas of Investigation

Areas exterior of the Power House structure were selected based on proximity to outfall pipes and accessible areas where material may be tracked or transported out of the building such as near doors and broken windows. These areas represent the most likely locations for contaminants to be detected outside of the Power House structure.

Effluent water was sampled from all outfall pipes that were observed to have flow. During periods of rain, flow was observed to increase dramatically from select outfall locations. Three (3) effluent water samples were collected from the building's exterior.



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Sediment was collected directly below all outfall pipes at locations where suitable sediment was recoverable. Most sample locations were accessible by foot and were collected via hand tools, but a few outfall pipes remain submerged at low tide. These locations were sampled via a shallow draft Jon boat and ponar sampling device. Due to the sediments physical properties, the ponar sampler was less successful in obtaining recovery. Therefore, submerged sample locations were subject to field adjustments from their proposed locations. Fourteen (14) sediment samples were collected exterior of the Power House structure.

Soil samples were collected from two (2) locations to determine if asbestos was migrating out of heavily trafficked areas of the building. One (1) sample was collected from pockets of soil on top of the paved surface immediately outside the Unit 1 & 2 rolling bay door on the east side of the Power House structure. One (1) soil sample was collected from locations on top of the paved surface immediately outside of the rolling bay door on the northwest corner of the Power House structure Units 3 & 4.

Two (2) air samples were collected by AQM exterior of the Power House structure. General asbestos air sample locations were determined at the time of collection. One (1) was collected outside the main building entrance on the east side of the Power House structure and one (1) air sample was collected from outside of a broken window on the north side of the Power House structure. These general air samples were collected from stationary tripods with a collection time of 120 minutes. Samples were analyzed by Transmission Electron Microscopy (TEM) which was selected by AQM because it is asbestos specific.

One (1) background location was selected for collection of a sediment sample. This location was selected on the east shore of the Sheepscot River due to its proximity to the Site while also being far enough away to not represent attributable contamination released from the Mason Station Site. This location was influenced to the same degree by regional deposition, runoff, and other contaminant inputs up and down stream in the Sheepscot River.

2.3 -Dye Testing

Field activities included applying a visible tracing dye into five (5) floor trenches on the upgradient sides of gate valves in Units 1 & 2, Units 3 & 4, and Unit 5 of the Power House Structure. The gate valves are designed to prevent fluids in the floor trench network from discharging to outfall pipes. Should tracer dye appear in the Sheepscot river it will identify the gate valve is ineffective in preventing discharge to the buildings exterior and thereby confirming a pathway for COCs to migrate outside the building.

Tracer Dye was also applied to two (2) basement/vaults that reside in Units 1 & 2, and Unit 5 of the Power House structure. The tracer dye was placed along the eastern walls of the vault structures or around piping suspected to be a conduit for contaminant migration to the building's exterior.

Different color tracer dyes were initially utilized in an attempt to isolate the discharge location should multiple dye plumes surface in the Sheepscot River. It was determined that only the green tracer dye had high enough visibility, so it was exclusively used for all subsequent tracer dye applications. The dye used is specifically designed to not have environmental impacts. Following tracer dye application, the shoreline was inspected periodically for the remainder of the sample event.



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2.4 Photo Documentation

Photographs were taken during the investigation to document Site conditions, reference **Appendix A – Photo Log**. A series of videos were also taken to document the interior conditions of the building in addition to the photos and will be archived in MEDEP's database.



Section 3: Investigation Dataset

Soil, Air, sediment, bulk material, miscellaneous unknown substances, and effluent water from outfall pipes with active discharge comprise the full dataset from the September sample event. Samples collected as part of this Site investigation were analyzed per the SAP/QAPP (MEDEP, 2023) according to the analytical group for each specified media outlined in **Table 1.0 – Media & Analytical Methods**. Reference **Table 2.0 – Investigation Dataset Summary Table** for details regarding the samples collected.

Table 1.0 - Media/Analytical Methodology

MEDIA (Group)	ANALYTE	LABORATORY METHOD
Water	PCB Aroclors	USEPA Method 8082A (LVI)
	Asbestos	TEM
	TAL Metals + Hg	USEPS Method 6010/6020/7470
	PAHs	USEPA Method 8270E-SIM
	EPH/VPH	EPH 19-2.1 VPH 18-2.1
	VOC	USEPA Method 8260
	SVOC	USEPA Method 8270
Sediment	PCB Aroclors	USEPA Method 8082
	TAL Metals + Hg	USEPS Method 6010/6020/7470
	Total Organic Carbon (TOC)	USEPA Method 9060A
	PAHs	USEPA Method 8270E-SIM
	VOC	USEPA Method 8260
	SVOC	USEPA Method 8270
	EPH/VPH	EPH 19-2.1 VPH 18-2.1
	Asbestos	PLM
	Total Solids	SM 2540G
Air	Asbestos General Air	Transmission Electron Microscopy
	Asbestos Personal Exposure	Phase Contrast Microscopy
Soil	Asbestos	PLM
	Total Solids	SM 2540G
Bulk Material	Asbestos	PLM



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Table 2.0 – Investigation Dataset Summary Table

Sample ID	Sample Location	Date	As-Built Coordinates (Easting)	As-Built Coordinates (Northing)	Matrix	Number of Samples	Analytical Group
Sediment							
SD-401	Exterior - Outfall 010, 012, & 013 (#3 & #4 Ash Hopper Seal Overflow, #4 Floor Drains, & #4 Deaerator Overflow)	09/12/23	446338.77	4871154.77	SD	1	Table 1 - Sediment Group
SD-402	Exterior - Outfall 008 (#3 & #4 Roof Drains)	09/12/23	446335.77	4871152.06	SD	1	
SD-403	Exterior - North Screenhouse #2	09/14/23	446348.36	4871143.01	SD	1	
SD-404	Exterior - South Screenhouse #2	09/14/23	446341.36	4871129.01	SD	1	
SD-405	Exterior - Outfall 009 (#3 Deaerator Overflow)	09/12/23	446334.24	4871127.59	SD	1	
SD-406	Exterior - Outfall 007 (#3 Floor Drains)	09/12/23	446334.35	4871122.30	SD	1	
SD-407	Exterior - Outfall 002 (#2 Condenser)	09/12/23	446334.31	4871106.34	SD	1	
SD-408	Outfall NO. 001	Not Collected - Insufficient Recovery			SD	1	
SD-409	Exterior - Outfall 006 (#1, #2, #5 Roof & Floor Drains)	09/13/23	446330.58	4871058.71	SD	1	
SD-410	Exterior - Outfall 016 (#5 Deaerator Overflow)	09/13/23	446326.41	4871052.39	SD	1	
SD-411	Exterior - Outfall 017 (#5 Ash Hopper Seal Overflow)	09/12/23	446326.24	4871048.90	SD	1	
SD-412	Exterior - Outfall 004 (#5 Condenser)	09/12/23	446319.22	4871035.68	SD	1	
SD-413	Units 3 & 4 Condenser Pipe	Not Collected - Insufficient Recovery			SD	1	
SD-414	Exterior - North Pier	09/14/23	446363.95	4871118.78	SD	1 + Field Duplicate	
SD-415	Exterior - South Pier	09/14/23	446350.91	4871034.51	SD	1	
SD-416	Exterior - Unidentified pipe Screenhouse #1	09/12/23	446333.74	4871099.82	SD	1	
SD-417	Interior - Unit 3 & 4 Floor Trench	09/14/23	446309.53	4871137.71	SD	1	
SD-418	Interior - Units 1 & 2 Floor Trench	09/14/23	446280.84	4871082.73	SD	1	
SD-419	Interior - Unit 5 Vault	09/13/23	446265.21	4871077.10	SD	1	
Effluent Discharge							
EF-01	Exterior - Outfall 008 (#3 & #4 Roof Drains)	09/12/23	446333.99	4871153.87	SW	1	Table 1 - Water Group
EF-02	Exterior - Green corrugated pipe - Outfall 006 (#1, #2, #5 Roof & Floor Drains)	09/19/23	446331.43	4871058.98	SW	1	
EF-03	Outfall 013	Not Collected - No Flow Present at			SW	1	
EF-04	Interior Building - Units 1 & 2 Floor Trench - Outfall 006 (#1, #2, #5 Roof & Floor Drains)	09/12/23	446283.16	4871082.06	SW	1	
EF-05	Interior Building Units 3 & 4 Floor Trench - Outfall 007 (#3 Floor Drains)	09/12/23	446309.53	4871137.71	SW	1	
EF-06	Interior Building Units 1 & 2 Vault	09/13/23	446293.28	4871122.07	SW	1	
EF-07	Interior Building Unit 5 Floor Trench - Outfall 006 (#1, #2, #5 Roof & Floor Drains)	09/13/23	446281.63	4871078.22	SW	1	
EF-08	Interior Building Unit 5 Vault	09/13/23	446268.67	4871064.41	SW	1	
EF-09	Exterior - Outfall 007 (#3 Floor Drains)	09/13/23	446334.57	4871122.70	SW	1	
Soil							
SL-01	East Bay Door Units 1 & 2	09/12/23	446313.75	4871129.64	SL	1	Table 1 - Soil Group
SL-02	Northwest Bay Door Units 3 & 4	09/12/23	446283.68	4871187.99	SL	1 + Field Duplicate	



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Table 2.0 – Investigation Dataset Summary Table Continued

Sample ID	Sample Location	Date	As-Built Coordinates (Easting)	As-Built Coordinates (Northing)	Matrix	Number of Samples	Analytical Group
Air							
BI-A-01	Building Interior TEM Asbestos Air Sample	09/13/23	446274.97	4871115.56	A	1	Table 3 - Air Group
BI-A-02		09/13/23	446294.98	4871166.87	A	1	
BE-A-03	Building Exterior TEM Asbestos Air Sample	09/13/23	446296.97	4871095.69	A	1	
BE-A-04		09/13/23	446304.13	4871178.53	A	1	
PE-A-05	Personal Exposure	09/13/23	-	-	A	1	
PE-A-06		09/13/23	-	-	A	1	
Background							
BKD-SD-001	Davis Island	09/12/23	447302.55	4871272.81	SD	1	Table 3 - Sediment Group
Miscellaneous Substances							
Floor Solids 01	Units 1 & 2 Hopper Residue	09/12/23	446255.59	4871097.11	MISC	1	Table 3 - Sediment Group (Limited)
Trench Water 01	Units 1 & 2 Floor Trench	09/13/23	446267.00	4871106.56	MISC	1	Table 3 - Water Group (limited)
Unknown Substance	Units 1 & 2 Oil Leak	09/20/23	446255.15	4871119.99	MISC	1	Fingerprint by Method 18015D(M)
Bulk Material							
MS-01	Floor Debris, Gray/White	09/20/23	446295.21	4871156.94	MS	1	Table 3 - Bulk Material Group
MS-02	Floor Debris, White	09/20/23	446282.22	4871169.34	MS	1	
MS-03	Floor Debris, Dark Gray	09/20/23	446286.59	4871149.77	MS	1	
MS-04	Floor Debris, Gray	09/20/23	446264.31	4871138.52	MS	1	
MS-05	LAYER 1 - Floor Debris, Gray LAYER 2 - Thick Black Material, Black	09/20/23	446278.89	4871121.45	MS	1	
MS-06	Floor Debris, White	09/20/23	446258.48	4871107.50	MS	1	

*Interior Sample locations are approximate.
Coordinate System: NAD_1983_UTM_Zone_19N*

3.1 Applicable Regulatory Criteria

Regulatory criteria are being applied to the Site without site specific risk characterization, exposure assessment or toxicity assessment. Established target cleanup goals and exposure scenarios are presumed to be adequately protective of human health at the Site but are not considering impacts to ecologic receptors.

Where total contaminant concentrations can be evaluated to assess risk such as PCBs, rather than individual aroclors, they will be considered for regulatory comparison.

Data will be compared to the following regulatory and guidance standard:

- Maine Department of Environmental Protection Remedial Action Guidelines (RAGs). A clearly defined Site use has not been established and no land use controls (LUCs) are currently in effect at the Mason Station Site. For this reason, all RAGS exposure scenarios apply to sediment and soil on-site. Construction worker, Commercial Worker, Park User/Recreator exposure scenarios apply to current site uses while the Residential exposure scenario only applies to the Site should it be redeveloped for



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residential use. Sediment that was collected from the intertidal zone will be compared to the soil exposure scenarios as defined in section 4.2.19 of the RAGs guidance document. Sediment that remains fully submerged will be compared to the Recreator Sediment exposure scenario.

The RAGS Construction Worker exposure scenario will be the only applicable RAG for effluent water interior and exterior of the building. Although effluent water is never intended to be suitable for drinking water the construction worker exposure scenario considers dermal contact and incidental ingestion while performing work activities. The Site is also served by public water infrastructure so it is assumed no wells will be installed for drinking water purposes however no LUCs are in place to prevent such use.

- NOAA Screening Quick Reference Tables (SQuiRT)
“NOAA SQuiRTs include multiple sediment screening values to help portray a spectrum of concentrations which have been associated with various probabilities of adverse biological effects. This spectrum ranges from presumably nearly non-toxic to toxic levels. For instance, if all analytes screen below lower-threshold values (for example, TELs), this suggests, with a high degree of confidence, that a sample with these levels of contaminants has a low probability of being toxic, as tested through standard bioassays. Conversely, exceeding lower thresholds does not necessarily predict toxicity. Comparison to higher toxicity thresholds (for example, PELs) identifies compounds which are more probably present at elevated, toxic levels.” (Buchman, M. F., 2008). MEDEP will compare both the TEL and PEL exposure scenarios for all sediment samples.

The surface water marine acute and chronic exposure scenarios will be applied for effluent water discharging to the Sheepscot River. The SQuiRT tables for surface water were primarily based on Ambient Water Quality Criteria (AWQC) derived by the EPA but also incorporate Tier II Secondary Acute Values (SAVs), EPA ecotoxicity thresholds, Canadian Water Quality Guidelines, British Columbia Water Quality Guidelines, European Union (EU) Environmental Quality Standards, and the EPA Region 5 Ecological Screening Levels.

- Toxic Substances Control Act (TSCA) 40CFR Part 761
TSCA has been involved at the Site as the lead agency overseeing a PCB removal action. PCB data collected as a component of this investigation is not a comprehensive assessment of the extent or magnitude of impacts, nor does MEDEP intend to supersede regulatory authority for PCB impacted media or building components from EPA. TSCA will be provided the final report and applicable data for their consideration in ongoing remedial and enforcement actions.
- Occupational Safety and Health Administration (OSHA) - 29 CFR Part 1910
Occupational exposure to asbestos in all industries covered by the Occupational Safety and Health Act.
- Occupational Safety and Health Administration (OSHA) – 29 CFR 1926
Occupational safety and health regulations for construction industry with asbestos exposure in all work as defined in 29 CFR1910.
- U.S. EPA - National Emission Standard for Hazardous Air Pollutants (NESHAP)—40 CFR 61. The NESHAPs are stationary source standards for hazardous air pollutants (HAPs) established by the EPA which



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includes asbestos.

- MEDEP - Statutory Sections - Title 38, Chapter 12-A: Asbestos §1271 - §1284
The Department's regulatory statutes regarding management and abatement of friable asbestos-containing materials to protect public health.
- MEDEP - Chapter 425 - Asbestos Management Regulations
Maine Solid Waste Management Rules applicable to asbestos abatement activities including removal, encapsulation, demolition, enclosure, repair, and handling, and associated activities such as inspection, design, analysis, monitoring, and training, conducted in the State of Maine.

3.2 Deviations from Sampling and Analysis Plan

The Department conducted this site investigation under the Uncontrolled Sites Program and carried out the sampling activities in accordance with the approved Sampling and Analysis Plan (SAP) (MEDEP, 2023). Deviations from the sampling plan included field adjustments in sample locations based on the availability of suitable material and site access as determined necessary by field staff.

Sample locations SD-414 and SD-415 were relocated farther from the discharge point after recovery was found to be insufficient at their intended locations. The new sample locations assess deeper water sediments where fine grained material was accumulating around the remnants of the oil terminal wharf pilings.

Lab report L2353698 was reissued at the request of MEDEP to change sample ID SD-405 to SD-406. Lab report L2353393 was reissued to change sample ID SD-417 to SD-419. Duplicate sample IDs were used in the field by different sample teams and required correction to have unique identifiers.

Deionized water preserved VOA vials received excessive soil in the field and were unusable. VOC analysis was performed utilizing material from the MEOH preserved VOAs.

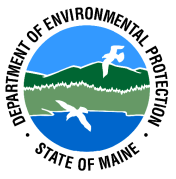
Field forms SL-01, SL-02, and BKD-SED-001 were inadvertently lost during field activities. All other field records were preserved and included in this report as **Appendix G – Field Forms**.

Following an inspection of the Unit 3 & 4 vault, MEDEP decided not to perform a dye test at this location as was previously planned. Conduits to the building's exterior could not be readily identified.

The effluent water sample duplicate was not collected in the field at sample location EF-02. The sample volume needed exceeded the time available to fill the containers before the outfall pipe was overcome by the incoming tidal waters on the day of sample collection.

3.3 Data Validation and Usability Assessment

The Analytical results from the September field event were subject to a Tier II data validation in accordance with the project SAP/QAPP (MEDEP, 2023). Quality assurance quality control samples collected during the sample event included equipment blanks, field duplicates, and matrix spike/matrix spike duplicates.



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Issues identified during the data validation resulted in the application of letter qualifiers to the data to ensure reported concentrations were accurately represented. The inclusion or exclusion of data for project consideration was based on the review of analytical qualifiers, performed in accordance with the following guidelines.

- Classify all results less than minimum detection limit (MDL) as non-detect.
- Report non-detect results at the MDL with a “u” qualifier.
- Report positive results where concentrations are between the MDL and the reporting limit (RL) with a “j” qualifier.
- Report all results in each data package and electronic data deliverable (EDD) in accordance with the MEDEP Environmental and Geographic Database (EGAD) requirements.
- Report all results in each data package to include QC sample results including but not limited to field blanks, trip blanks, method/lab blanks, field duplicates, surrogate recoveries, laboratory control sample recoveries, and matrix spike/matrix duplicate recoveries.

The data obtained during the field investigation were determined to be of sufficient quality to be used to support the evaluation of the Site. Where data was found to be deficient it was flagged with an “R” qualifier and omitted from the dataset. Omitted data was not found to influence project decisions or data quality objectives (DQO’s).

Data Validation findings:

- VOC re-extraction methods resulted in higher reporting limits. The data was deemed usable for the purpose of this investigation although some detection limits such as pentachlorophenol (PCP) exceeded their respective regulatory criteria.
- Chromium was not speciated and there were significant detections of total chromium in sediment and effluent water.
- Benzadine and pyradine were rejected in aqueous samples due to low recovery in the lab control spike (LCS) and lab control spike duplicate (LCSD)
- SD-403 benzo(A)anthracene, benzo(A)pyrene, benzo(B)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-CD)pyrene, phenanthrene, and pyrene were deemed to be unreportable due to calibration range exceedances.
- SD-414 & SD-415 fluoranthrene, phenanthrene, and pyrene were deemed to be unreportable due to calibration range exceedances.

After review of the data package collected during this site investigation and comparing it with the data and project objectives identified in the SAP/QAPP (MEDEP, 2023), limitations in the data usefulness, or changes to DQOs were identified and addressed. Additional data collection activities are not required currently to make project decisions. Data gaps are addressed in the conclusions and recommendations section of this report.



Section 4: Nature and Extent of Contamination

Soil, sediment, effluent water, air, miscellaneous substances, and bulk material samples were collected to identify and characterize contaminants present at the Mason Station Site. Nature and extent of contamination is described in the following section of the report for analytes with detections, full analytical results can be found in **Table 4.0 – Analytical Data Summary Table** and as raw laboratory reports in **Appendix D – Alpha Analytical Lab Reports**. Environmental media are evaluated independently.

4.1 Sediment

Analytical results for seventeen (17) samples were evaluated to define the nature and extent of sediment contamination found at the Site.

4.1.1 Waste Oil

Except for SD-407, all sediment samples collected contained C11-C22 aromatic hydrocarbons ranging from 9.95 - 311 mg/KG. Ten (10) sediment samples contained detections of C19-C36 aliphatic hydrocarbons ranging from 9.5 - 552 mg/KG. One (1) sample, SD-417 had a detection of C9-C18 aliphatic hydrocarbon at 29.1 mg/KG. Only extractable hydrocarbons were detected in sediment samples, no volatile petroleum hydrocarbon fractions were detected, and no petroleum hydrocarbons were detected in the background sediment sample.

4.1.2 Metals

Arsenic: Sediment samples exceeded the site-specific background arsenic concentration of 13 mg/KG in seven (7) exterior sediment samples ranging from 13 - 38 mg/KG. All three (3) sediment samples located interior of the Power House structure had detections of arsenic ranging from 16 - 38 mg/KG.

Barium: SD-402 is the only sediment sample that exceeds the background concentration of 36 mg/KG for Barium exterior to the building. All three (3) sediment samples interior of the building had detections of barium ranging from 140-150 mg/KG.

Cadmium: Cadmium was detected in two (2) exterior sediment samples at concentrations above the background concentration of 0.21 mg/KG and ranged from 0.41 – 0.76 mg/KG. Interior sediment samples had concentrations ranging from 3.2 – 24 mg/KG.

Chromium: Total chromium was detected in fourteen (14) sediment samples and the background sediment sample. Six (6) samples exterior of the Power House structure exceeded the background concentration of 40 mg/kg with concentrations ranging from 43 – 82 mg/KG. The three (3) sediment samples interior of the Power House structure had total chromium detections ranging from 100 – 400 mg/KG.

Cobalt: Cobalt was detected in eight (8) exterior sediment samples more than the site-specific background concentration of 7.4 mg/KG ranging from 7.9 – 23 mg/KG. The three (3) sediment samples collected from the building's interior had concentrations of cobalt ranging from 36 – 48 mg/KG.



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Copper: All fourteen (14) sediment samples and the duplicate sample exterior of the building exceeded the background copper concentration of 13 mg/KG ranging from 22 – 520 mg/KG. The three (3) interior sediment samples had copper concentrations ranging from 560 – 1500 mg/KG.

Iron: Ten (10) exterior sediment samples exceeded the site-specific background concentration of 21,000 mg/KG iron ranging from 26,000 – 350,000 mg/KG. The three (3) interior sediment samples had iron concentrations ranging from 73,000 – 360,000 mg/KG.

Lead: Twelve (12) exterior sediment samples exceeded the site-specific background lead concentration of 21 mg/KG ranging from 29 – 260 mg/KG. The three (3) interior sediment samples had detections of lead ranging from 530 – 1400 mg/KG.

Manganese: seven (7) exterior sediment samples exceed the site-specific manganese background concentration of 330 mg/kg with concentrations ranging from 490 – 1,100 mg/KG. The three (3) interior sediment samples had concentrations ranging from 810 – 3000 mg/KG.

Mercury: Two (2) exterior sediment samples had detections of mercury above the site-specific background concentration of 0.112J mg/KG ranging from 0.154J mg/KG at SD-404 to 0.352 mg/KG at SD-406. All three (3) interior sediment samples had detections of mercury ranging from 0.441 – 48.6 mg/KG.

Nickel: Fourteen (14) exterior sediment samples and the one (1) duplicate sediment sample had detections of nickel above the site-specific background concentration of 22 mg/KG ranging from 24 – 780 mg/KG. Three (3) interior sediment samples had nickel concentrations ranging from 620 – 2100 mg/KG.

Silver: Silver was detected in seven (7) exterior sediment samples at concentrations ranging from 0.06J – 0.17J mg/KG. The three (3) interior sediment samples had concentrations ranging from (0.29J – 1.7 mg/KG.

Vanadium: All fourteen (14) exterior sediment samples and the one duplicate sample had concentrations of vanadium exceeding the site-specific background concentration of 40 mg/KG ranging from 45 – 4000. All three (3) interior sediment samples had concentrations of vanadium ranging from 990 – 12,000 mg/KG.

Zinc: Seven (7) exterior sediment samples and the duplicate sediment sample exceed the site-specific background concentration of 63 mg/KG ranging from 73 -530 mg/KG. The three (3) interior sediment samples had zinc concentrations ranging from 1,000 – 3,200 mg/KG.

There were no regulatory exceedances or elevated concentrations of aluminum, beryllium, selenium, and thallium in sediment.

4.1.3 PCBs

Total PCBs were detected in all exterior sediment samples except SD-407, SD-414. Concentration in exterior sediment ranged from 14.8J – 539 ug/KG. Interior sediment samples had total PCB concentrations ranging from 417 – 4,370 ug/KG. PCBs were not detected in the background sample.



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4.1.4 PAHs and SVOCs

All sediment samples collected exceed the site-specific background concentration of benzo(a)anthracene of 34 ug/KG ranging from 110J – 27,000.

All sediment samples collected exceed the site-specific background concentration of benzo(a)pyrene of 36 ug/KG ranging from 97J - 26,000 ug/KG. Interior sediment samples have concentrations of benzo(a)pyrene ranging from 2,200 – 9,100 ug/KG.

All sediment samples collected exceed the site-specific background concentration of benzo(b)fluoranthene of 38 ug/KG with concentrations ranging from 290 – 34,000 ug/KG.

All sediment samples collected exceed the site-specific background concentration of Indeno (1,2,3-CD) Pyrene of 28 ug/KG with concentrations ranging from 68J – 16,000 ug/KG.

4.1.5 VOCs

No sediment samples collected during the investigation had regulatory exceedances or elevated VOC concentrations.

4.1.6 Asbestos

Asbestos fibers were detected in two (2) interior sediment samples (SD-417 & SD-418) located in floor trenches in Units 1 & 2 and Units 3 & 4. Concentrations ranged from <1% – 2% asbestos. Asbestos was also detected in one (1) exterior sediment sample (SD-402) at a concentration of <1%.

No other sediment samples had detections of asbestos as part of the site investigation. Fibers are defined as a particulate form of asbestos 5 micrometers or longer, with a length-to-diameter ratio of at least 3 to 1.



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Table 3.1: Sediment Asbestos Analysis

Sampling ID	Color	Asbestos %						Non-Asbestos %						
		Chrysotile	Amosite	Crocidolite	Actinolite	Tremolite	Anthophyllite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous Minerals
SD-401	N/A	ND	ND	ND	ND	ND	ND	ND	ND	<1	ND	ND	ND	100
SD-402	N/A	ND	<1	ND	ND	ND	ND	ND	ND	7	ND	ND	ND	93
SD-403	N/A	ND	ND	ND	ND	ND	ND	ND	ND	<1	ND	ND	ND	100
SD-404	N/A	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-405	N/A	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	98
SD-406	N/A	ND	ND	ND	ND	ND	ND	ND	ND	8	ND	ND	ND	92
SD-407	N/A	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-408	Did Not Collect Sample													
SD-409	N/A	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-DUP-01 (SD-409)	N/A	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-410	N/A	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-411	N/A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100
SD-412	N/A	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	95
SD-413	Did Not Collect Sample													
SD-414	N/A	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	98
SD-415	N/A	ND	ND	ND	ND	ND	ND	ND	ND	<1	ND	ND	ND	100
SD-416	N/A	ND	ND	ND	ND	ND	ND	ND	ND	<1	ND	ND	ND	100
SD-417	N/A	<1	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	97
SD-419	N/A	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	95
SD-418	N/A	ND	2	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	96
BKD-SD-001	N/A	ND	ND	ND	ND	ND	ND	ND	30	ND	ND	ND	ND	70

Notes: Results are all reported as percentages
 Samples prepared and analyzed in compliance with EPA-600/R-93/116 Method , Calibrated Visual Estimate (CVE) is used for the determination of the percentage of asbestos and other components in the sample

4.2 Effluent Water

Eight (8) samples were evaluated to define the nature and extent of effluent water contamination found at the Site.

4.2.1 Waste Oil

C19-C36 aliphatics were detected in three effluent samples. EF-04 had a concentration of 133 ug/L and was collected from the floor trench in Units 1 & 2. Sample EF-07 had a concentration of 242 ug/L and was collected from the floor trench in Unit 5 of the Power House structure. Sample EF-08 had a concentration of 347 ug/L and was collected from the vault in Unit 5. No other petroleum compounds were detected in effluent water samples.

4.2.2 Metals

Aluminum was detected in all effluent water samples with concentrations ranging from 0.005J – 0.152 mg/L.

Antimony was detected in all effluent water samples with the exception of EF-01 collected from outfall pipe 008 exterior of the Power House structure. Concentration in samples with detections ranged from 0.0009J to 0.0112 mg/L.

Arsenic was detected in all effluent water samples with the exception of EF-01 collected from outfall pipe 008 exterior of the Power House structure. Concentration in samples with detections ranged from 0.0009 – 0.00205 mg/L.

Barium was detected in all effluent water samples with concentrations ranging from 0.003 – 0.01172 mg/L.



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Cadmium was detected in all effluent water samples with concentrations ranging from 0.0008J – 0.00129 mg/L.

Total Chromium was detected in all effluent water samples with the exception of EF-01 collected from Outfall Pipe 008, located exterior of the Power House structure. Concentration in samples with detections ranged from 0.00062J – 0.00584 mg/L.

Cobalt was detected in all interior Power House effluent water samples at concentrations ranging from 0.00016J – 0.00096 mg/L. One (1) exterior effluent sample, EF-02 had a detection of cobalt at 0.00021J.

Copper was detected in all effluent water samples. Interior samples concentrations ranged from 0.01298 – 0.0495 mg/L. Exterior effluent water samples had concentrations ranging from 0.00718 – 0.02951 mg/L.

Iron was detected in all effluent water samples. Interior samples contained concentrations ranging from 0.104 – 0.795 mg/L. Exterior sample concentrations ranged from 0.0208J – 0.118 mg/L.

Lead was detected in all effluent samples with concentrations ranging from 0.00043J – 0.01455 mg/L.

Manganese was detected in all effluent water samples with concentrations ranging from 0.00257 – 0.2418 mg/L.

Mercury was detected in two (2) interior and one (1) exterior effluent water samples. Concentrations ranged from 0.00012J – 0.00085 mg/L.

Vanadium was detected in all effluent water samples. Interior sample concentrations ranged from 0.03162 - 1.144 mg/L. Exterior effluent water samples had concentrations ranging from 0.01088 – 0.6487 mg/L.

Zinc had detections in all effluent water samples with concentrations ranging from 0.00826J – 0.2027 mg/L.

Beryllium, selenium, silver, and thallium were not detected in any effluent water samples during this investigation.

4.2.3 PCBs

Aroclor 1260 was detected in four (4) interior effluent water samples and one (1) exterior effluent water sample. Aroclor 1268 was detected in one (1) exterior effluent water sample.

Total PCBs in interior effluent water samples ranged from 0.082J – 9.82 ug/L. Exterior effluent sample EF-09 had a concentration of 0.076J ug/L.

4.2.4 PAHs and SVOCs

Acenaphthylene was detected in EF-07 effluent water sample collected from the building's interior at a concentration of 0.05J.



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Anthracene was detected in two (2) exterior effluent water samples and one (1) interior effluent water sample with concentrations ranging from 0.04J – 0.09J ug/L.

Benzo(A)anthracene was detected in all effluent water samples except for EF-06. Concentrations in interior effluent water samples ranged from 0.02J – 0.46 ug/L.

Benzo(A)pyrene was detected in two interior effluent water samples with concentrations ranging from 0.2 – 0.38 ug/L.

Benzo(B)fluoranthene was detected in three (3) exterior effluent water samples and one (1) interior effluent water sample with concentrations ranging from 0.03J – 0.83.

Benzo(G,H,I)perylene was detected in two exterior effluent water samples with concentrations ranging from 0.12 – 0.31 ug/L.

Benzo(K)fluoranthene was detected in two (2) exterior effluent water samples with concentrations ranging from 0.08J – 0.28 ug/L.

Bis(2-ethylhexyl) Phthalate was detected in one (1) exterior effluent water sample EF-04 with a concentration of 2.2J ug/L.

Chrysene was detected in two (2) interior effluent water samples with concentrations ranging from 0.18 – 0.6 ug/L.

Dibenzo(A,H)anthracene was detected in one (1) interior effluent water sample EF-07 at a concentration of 0.09J.

Fluoranthene was detected in three (3) interior and one (1) exterior effluent water sample at concentrations ranging from 0.05J – 0.87 ug/L.

Indeno(1,2,3-CD)pyrene was detected in two (2) interior effluent water samples at concentrations ranging from 0.15 – 0.38 ug/L.

Phenanthrene was detected in four (4) interior and one (1) exterior effluent water samples at concentrations ranging from 0.02J – 0.28 ug/L.

Pyrene was detected in three (3) interior effluent water samples at concentrations ranging from 0.06J – 0.72 ug/L.

No other PAHs or SVOCs were detected in effluent water samples during the Mason Station Site investigation.

4.2.5 VOCs

Chloromethane was detected in four (4) interior and one (1) exterior effluent water samples at concentrations



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ranging from 0.41J – 1.0J ug/L.

Trichloroethylene (TCE) was detected in one (1) exterior effluent water sample at a concentration of 0.2J ug/L.

No other VOCs were detected in effluent water samples collected as part of the Mason Station Site investigation.

4.2.6 Asbestos

Asbestos fibers were detected in three (3) interior and two (2) exterior effluent water samples at concentrations ranging from 0.4 – 40.2 million fibers per liter.

Table 3.2: Effluent Sample Asbestos Analysis

Sampling ID	Grid Area	# G.O.	Aliquot	Analytical Sensitivity	Total # of Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers/L	Analyzed
Equipment Blank	0.1	6	20	0.17	NSD		201	NSD	Yes
EF-01	0.1	11	10	0.18	NSD		201	NSD	Yes
EF-02	0.01	20	5	0.2	2		201	0.4	Yes
EF-03	Sample Not Collected								
EF-04	0.01	20	0.1	10.05	4		201	40.2	Yes
EF-05	0.1	14	5	0.29	100		201	28.71	Yes
EF-06	0.01	20	5	0.2	NSD		201	NSD	Yes
EF-07	0.1	20	0.1	10.05	NSD		201	NSD	Yes
EF-08	0.1	20	1	1.01	3		201	3.02	Yes
EF-09	0.1	20	5	0.2	29		201	5.83	Yes

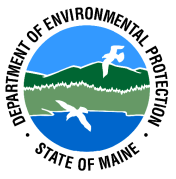
Notes: NSD = No Structures Detected
 Samples prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water

4.3 Air Sampling

Seven (7) samples were evaluated to define the nature and extent of air contamination found at the Site. For a complete account of air monitoring results performed by Air Quality Management Services Inc. reference **Appendix C – Air Quality Management Sampling Report.**

4.3.1 TEM Ambient Air Samples

Asbestos fibers were detected in both interior TEM asbestos air samples: One collected from Units 1 & 2 and a second from Units 3 & 4. The results for both samples were 15 structures per mm² and are below the regulatory threshold of 70 s/mm². No asbestos structures were detected in TEM samples collected exterior of the Power House structure.



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Table 3.3: TEM Asbestos Analysis

Sample #	Sample Description	Run Time (Minutes)	Calibration (L/Min)	Sample Volume (L)	Result	Concentration (S/mm ²)
BI-A-01	Interior Units 1 & 2	120	10	1200	2	15
BI-A-02	Interior Near Units 3 & 4	120	10	1200	2	15
BE-A-03	Exterior Near Main Entry	120	10	1200	ND	-
BE-A-04	Exterior North East Side	120	10	120	ND	-
BE/l-A-08	Method Blank	-	-	-	ND	-

Notes: ND = Non Detect
 L = Liters (of air)
 Min = Minutes
 S/mm² = Structures per millimeter squared
 Result = Asbestos Structures

4.3.2 PCM Personal Exposure Monitoring Samples

Asbestos structures were not detected in the three (3) personal exposure monitoring samples collected as part of the site investigation. Time weighted average calculated from the detection limits were determined to be 0.003 fibers per cubic centimeter which is below the permissible exposure limit of 0.1 fibers per cubic centimeter of air.

Table 3.4: PCM Asbestos Analysis

Sample #	Sample Description	Start Time	Stop Time	Run Time (Min)	Calibration (L/Min)	Sample Volume (L)	Fiber Count (fiber/field)	Conc. (fib/cc)
PE-A-05	Chris Redmond (STEL)	10:20	10:50	30	2	60	<5.5/100	<0.045
PE-A-06	Brendan Auth	10:23	12:26	123	2	246	<5.5/100	<0.011
PE-A-07	Chris Redmond	10:47	12:36	109	2	218	<5.5/100	<0.012
PE-A-09	Field Blank	-	-	-	-	-	<5.5/100	-

Notes: L = Liters (of air)
 Min = Minutes
 (fib/cc) = Fibers per cubic centimeter
 Result = Asbestos Structures

4.4 Soil Sampling

Two (2) samples were evaluated to define the nature and extent of soil contamination found at the Site. Asbestos fiber results were found below detection limits for both soil samples collected from the exterior of the Power House Structure. Soil was not analyzed for other analytes.



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Table 3.5: Soil Asbestos Analysis

Sampling ID	Color	Asbestos %						Non-Asbestos %						
		Chrysotile	Amosite	Crocidolite	Actinolite	Tremolite	Anthophyllite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous Minerals
SL-01	N/A	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	ND	96
SL-02	N/A	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	95
Duplicate	N/A	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	98

Notes: Results are all reported as percentages
 Samples prepared and analyzed in compliance with EPA-600/R-93/116 Method , Calibrated Visual Estimate (CVE) is used for the determination of the percentage of asbestos and other components in the sample

4.5 Bulk Material Sampling

Six (6) samples were evaluated to define the nature and extent of asbestos containing bulk material found at the Site. Bulk material samples were submitted for asbestos analysis only, with the samples collected from the floor of the Power House building. All six (6) bulk material samples had asbestos concentrations ranging from 2% - 95%. All samples asbestos concentrations exceed the 1% by volume threshold defined as asbestos containing material under Maines Solid Waste Management Rules, Chapter 425 - Asbestos Management Regulations.

Table 3.6: Bulk Material Asbestos Analysis

Sample #	Sample Description	Layer No. Layer %	Chrysotile	Amosite	Crocidolite	Cellulose Fiber	Fibrous Glass	Binder/Filler
MS-1	Floor Debris Gray/White	Layer 1 100%	45	15	5	10	0	25
MS-2	Floor Debris White	Layer 1 100%	45	15	5	10	0	25
MS-3	Floor Debris Dark Gray	Layer 1 100%	2	0	0	1	0	97
MS-4	Floor Debris Gray	Layer 1 100%	70	15	0	8	2	5
MS-5	Floor Debris Gray	Layer 1 100%	65	15	0	8	2	10
	Bulk Material - Thick Black Material	Layer 2 100%	15	2	0	35	0	48
MS-6	Floor Debris White	Layer 1 100%	85	10	0	2	0	3

Notes: Samples prepared and analyzed in accordance with EPA Method for Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-40 CFR Appendix E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials)
 Results are all reported as percentages

4.6 Miscellaneous Substances Sampling

Three (3) miscellaneous samples were collected as part of the site investigation.

- 1- Trench water collected from Units 1 & 2 remains an unknown substance but had detections of C11-C22 aromatic hydrocarbons at 121 ug/L with no other petroleum compounds detected. Aroclor 1260 and 1268 were detected with a combined concentration of 0.089J ug/L. PAH compounds were detected: benzo(A)anthracene (0.2J ug/L), benzo(B)fluoranthene (0.25J ug/L), chrysene (0.19J ug/L), fluoranthene (0.42 ug/L), phenanthrene (0.26J ug/L), and pyrene (0.34J ug/L). All other analytes tested for were non detect.
- 2- Floor solids collected from Units 1 & 2 remains an unknown substance but had detections of the herbicide pentachlorophenol (76.0J ug/KG), hydrocarbons C11-C22 aromatics (77.4 mg/KG), C19-C36 aliphatics (104 mg/KG), and C9-C18 aliphatics (19.4 mg/KG), PCB aroclor 1260 was detected at a concentration of 1,280 ug/KG, and PAHs and SVOCs 1-methyl naphthalene (65.0J ug/KG), 2-



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methylnaphthalene (49.0J ug/KG), acenaphthene (27.0J ug/KG), acenaphthylene (27.0 ug/KG), anthracene (160 un/KG), benzo(A)anthracene (2,100 ug/KG, benzo(A)pyrene (1,500 mg/KG), benzo(B)fluoranthene (3,400 ug/KG), benzo(G,H,I)perylene (1,200 ug/L), benzo(K)fluoranthene (900 ug/KG), BIS(2-ethylhexyl)phthalate (4,000 ug/KG), butyl benzyl phthalate (920 ug/KG), carbozole (360 ug/KG), chrysene (2,900 ug/KG), dibenzo(A,H) anthracene (330 ug/KG), dibenzofuran (97.0J ug/KG), DI-N-Octyl phthalate (240.0J ug/KG), fluoranthene (5,900 ug/KG), Fluorene (27.0J ug/KG), Indeno(1,2,3-CD)pyrene (1,600 ug/KG), phenanthrene (2,700 ug/KG), phenol (66.0J ug.KG), and pyrene (4,100 ug/KG). Asbestos was detected in the Floor Solids 01 sample at a concentration of 7%.

- 3- The Unknown Substance sample was only submitted to Alpha analytical for petroleum fingerprint analysis. Total petroleum hydrocarbons (C9-C44) concentration was 429,000 mg/KG and the results identified the substance as No. 6 heavy oil by matching chromatogram peaks.

Table 3.7: Miscellaneous Substances Asbestos Analysis

Sampling ID	Color	Asbestos %						Non-Asbestos %						
		Chrysotile	Amosite	Crocidolite	Actinolite	Tremolite	Anthophyllite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous Minerals
Floor Solids 01	N/A	2	5	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	88
Trench Water 01	Not Analyzed for Asbestos													
Unknown Substance	Not Analyzed for Asbestos													

Notes: Results are all reported as percentages
 Samples prepared and analyzed in compliance with EPA-600/R-93/116 Method , Calibrated Visual Estimate (CVE) is used for the determination of the percentage of asbestos and other components in the sample

4.7 Dye Testing

Dye testing identified two (2) complete migration pathways from the building’s interior to the Sheepscot River. Reference **Figure 8** for dye testing locations and identified complete pathways.

- 1- Outfall 007 connects Units 3 & 4 floor trench to the Sheepscot river. The floor trench gate valve is closed but the influx of rain water through the leaking roof and roof drains causes the trench to overtop the gate valve and exit the Power House structure.
- 2- The floor trench located in the southeast corner of Units 1 & 2 similarly has a closed gate valve. A small PVC pipe allows flow to bypass the gate valve and exit the Power House structure through Outfall Pipe 006. This pipe had visible flow even during periods where influxes of rain were not readily evident.



Section 5.0 Fate and Transport

The persistence and migration characteristics of contaminants exceeding the screening criteria and regulatory exposure scenarios in samples collected during this site investigation are critical to define contaminant origin. Fate is the process of physical and chemical forces that impact transport of contaminants. Transport is the physical movement of contaminants, such as flow of effluent water through floor trenches and outfall pipes to the environment. Fate and transport of contaminants in environments media are affected by a variety of factors, including media specific and contaminant specific factors.

The primary route of contaminant migration at the Power House structure has been confirmed as migration through outfall pipes to the building's exterior. Precipitation entering the structure charge the building interior with an influx of water, mobilizing contaminants from equipment, infrastructure, and floor surfaces, and transporting them to floor trenches. The floor trenches by design, then transport contaminants to outfall pipes that discharge to the Sheepscot River.

Two direct pathways for contaminants to migrate outside of the Power House structure were identified through dye testing. Units 3 & 4 floor trenches discharge to Outfall Pipe 007 and Units 1 & 2 floor trenches discharge to Outfall Pipe 006. Additional pathways may exist but were not confirmed through this limited site investigation.

Total PCBs, metals, PAHs, SVOCs, waste oil, and asbestos in sediment and PCBs, metals, waste oil, and asbestos in effluent water were identified as the primary contaminants detected at concentrations above regulatory criteria or screening levels in one or more Site samples.

5.1 Waste Oil

Petroleum products are included in a class of contaminants referred to as non aqueous phase liquids (NAPL) due to their relative immiscibility with water. NAPLs behave differently when released to the environment depending on properties such as viscosity and density and can be further classified as dense non-aqueous phase liquids (DNAPL) and light non aqueous phase liquids (LNAPL). DNAPL are denser than water and will settle in low energy water environments. Conversely, LNAPL contaminants are lighter than water and will diffuse at the air water interface.

Sources of petroleum at the Site have been confirmed as waste oils leaking from equipment and piping associated with historical use of the structure as a power generation station. Types of waste oils released have been confirmed as transformer oil, lubricating gear box oil, No. 6 oil, and indeterminate composition or unknown substances containing petroleum.

Releases of No. 6 oil are highly viscous and less prone to migration within the buildings interior but when transported to floor trenches and outfall pipes, will be more susceptible to sediment adhesion or settling to the sediment surface as free product. Lighter LNAPL releases such as lubricating oils will be more readily transported to floor trenches and outfall pipes but once released to the environment, will diffuse on the water surface. Small amounts of petroleum can become miscible in water or can be detected in water samples as free product.

Waste oil can be toxic to human health as well as aquatic and terrestrial plants and organisms. Receptors can



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be exposed through absorption or direct contact, ingestion, and inhalation. While volatilization can be an exposure route for inhalation, it is not anticipated to be a significant risk driver at the Site based on the types of waste oil products that have been observed. Individual petroleum compounds specific to the substance have a large influence on the toxicity and risk associated with a release of waste oil, such as concentrations of benzene, toluene, ethylbenzene, and xylene (BTEX) compounds (ITRC, 2018). BTEX compounds were not detected in Site samples except for ethylbenzene in SD-407 and SD-416 at low concentrations.

5.2 PCBs

PCBs are a broad family of man-made organic chemicals known as chlorinated hydrocarbons that as individual compounds are referred to as congeners. Aroclors are combinations (commercial mixtures) of PCB compounds with varying viscosity, pressure, and solubilities (ATSDR, 1995). Data for this investigation were only submitted for analysis of PCB aroclors. There are no naturally occurring sources of PCBs in the environment. PCBs have historically been used in a wide variety of industrial and commercial applications but are principally attributable to electrical transformers and capacitors. Poorly maintained transformers and miscellaneous electrical equipment has been identified within the Mason Station Power House structure and on the premises exterior of the structure, as detailed in a Preliminary Notice of Noncompliance issued on July 9th, 2019 by the USEPA. All electrical components containing PCBs are believed to have been removed from the Site between 2019 – 2023 but residual contamination exists from historic releases and also exists within building components such as paints that have not been abated.

When PCBs enter the environment, they do not readily break down and can exist for very long periods of time. PCBs are DNAPLs and have a low affinity for dissolution in water but are easily diffused and can be transported by currents. PCBs will sorb to sediment and soil and will not usually migrate deep within the soil and sediment profile. Typically, the heavier the PCB (more chlorine atoms) the longer they will persist in the environment and the more easily they will sorb to particulates. Marine organisms and fish will also concentrate PCBs present in sediment and water and bioaccumulate concentrations in tissue (ATSDR, 1995).

5.3 PAHs & SVOCs

PAHs are included in the SVOC suite of contaminants and are non-polar hydrocarbons produced in the environment as a byproduct of incomplete combustion of wood, coal, and petroleum products. Most PAHs occur naturally in the environment and tend to be very persistent because of their low volatility and aqueous solubilities. Their presence at the Mason Station Site is consistent with the historical site use and the compounds generally slow environmental degradation. PAHs have low water solubilities and are considered to be hydrophobic. Higher molecular weights generally reduce solubility of PAH compounds. PAHs are susceptible to uptake in vegetation and accumulation in organisms and fish and can bioaccumulate at very high concentrations (ATSDR, 1995). Because PAHs are so ubiquitous in the environment, the DEP has established background concentrations for common PAH compounds in soil that are listed in the analytical **Table 4.0**.

5.4 Metals

The frequency of metals detections in sediment and effluent water are relatively high. Copper, iron, nickel, and vanadium exceed screening criteria in Site effluent water samples. Arsenic, barium, cadmium, chromium,



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copper, iron, lead, manganese, mercury, nickel, silver, and vanadium exceed screening criteria and RAGS exposure scenario concentrations in Site sediment samples.

While all metals occur in the environment naturally, elevated metals can impact human health and the environment. Metals are highly persistent, and when released to the environment, also generally adsorb to the soil matrix, and remain bound to particulate matter. Toxicities vary, as do the conditions favorable to migration or immobilization of specific metals. Generally, metals tend to be more mobile under acidic conditions, but each metal requires individual evaluation. Although some metals can volatilize and off-gas to air, this investigation will solely focus on water, soil, and sediment as they are most applicable to the Mason Station Site.

Arsenic occurs in the environment predominantly as As(+3) and as As(+5) valence states and is found in soils, sediment, and water. Maine has elevated arsenic concentrations due to its unique geology and has published statewide background concentrations for soil at 28 mg/KG. Despite elevated concentrations across the Site, they are not significantly higher than the site-specific background arsenic concentration of 13 mg/KG and only two sediment samples are nominally higher than the published RAGs background arsenic concentration of 28 mg/KG for soil. For these reasons, arsenic is not considered to be a driver of risk at the Site. This will need to be further evaluated if additional data or information come to light that suggest otherwise.

Barium is not highly mobile in soil due to the formation of water insoluble salts and does not typically become widely dispersed when released to the environment in part because of its low solubility. With average concentrations in seawater ranging from 2 – 63 ug/L, it is bioavailable to marine organisms and can concentrate in marine plants by 400-4,000 times the concentration found in water (ATSDR, 1995).

Cadmium is used in a variety of industrial materials including batteries, plastics, metal coatings, and in metal alloys. When cadmium is released to the environment it is most susceptible to partition to soil and sediment but is also more mobile in aquatic environments when compared to other heavy metals. Cadmium is often bioavailable and can accumulate in tissue at concentrations much higher than in sediment and water media. Acidic conditions increase the mobility of cadmium in the environment and can also increase the uptake into plant species (ATSDR, 1995).

Chromium is an essential micronutrient that exists in two (2) valence states: trivalent chromium (Cr+3) and hexavalent chromium (Cr+6). Trivalent chromium is insoluble, relatively immobile, and far less toxic than hexavalent chromium and is the predominant form of chromium found in the environment. Trivalent chromium is converted into hexavalent chromium by manganese oxides or hydrogen peroxide and becomes increasingly mobile in the environment compared to trivalent chromium. Hexavalent chromium will also reduce back to trivalent chromium when sorbing to certain clays and when other reducing conditions in water exist. Chromium is not considered a bioconcentrated contaminant in aquatic organisms. Coal fired electrical generating facilities have been identified as major sources of chromium to the environment (ATSDR, 1995). Hexavalent chromium has been detected in shallow groundwater associated with the adjacent Ash Ponds and therefore has been proven to be a Site COC.

Cobalt is most commonly released to waterways as particulate matter where it will settle out into sediment but is also mildly soluble in water. It occurs predominantly in the +2 and +3 valence states in water and strongly binds to humic substances. Cobalt is more mobile under acidic conditions with favorability to sorb



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with iron and iron bearing minerals, manganese oxides, and organic substances (ATSDR, 2023).

Copper is a very commonly used metal due to its malleability, electrical conductivity, antifouling, and non-corrosive properties. It is most commonly discharged to waterways as particulate matter in sediment but can also be sorbed to organic matter, hydrous iron, manganese oxides, and clay. (ATSDR, 1995)

Iron is a very common metal, used in many industrial and commercial processes, and is the primary element in steel. Iron is critical to human and ecological diets but can be toxic at very high levels. It is strongly reactive to oxygen and water which is commonly seen as rust and is soluble in water and readily forms precipitates. Soils typically contain 1-5 percent iron and most iron in soil is found as silicate minerals, iron oxides, and iron hydroxides. There are two common forms of iron: ferrous (Fe²⁺) and ferric (Fe³⁺). Ferric iron is immobile in soil and sediment while ferrous iron is more mobile under reducing conditions when oxygen is depleted. Iron is suspected to have been detected in sediment samples in this investigation at such high levels as metal fragments from degraded infrastructure which can be observed throughout the Mason Station Site buildings.

Lead is highly soluble in acidic conditions but also exists in water as colloidal particles. It can occur as both sorbed ions or surface coatings on sediment particles and is also transported as parts of living and nonliving organic matter in water. In soil and sediment, lead is fairly immobile unless certain conditions exist. Clay content, organic content, pH, hydraulic conductivity, and microbial activity can all influence the mobility of lead. Lead is also susceptible to bioaccumulation in aquatic and terrestrial organisms (ATSDR, 1995).

Manganese is persistent in water, soil and sediment. It is soluble and able to partition and sorb to particulate matter. Acidity and oxidation-reduction potential (Eh) have a large impact on solubility and mobilization of manganese. Lower trophic organisms have higher rates of accumulation such as algae and mollusks when compared to fish and marine mammals (ATSDR, 1995)

Mercury is a persistent and highly toxic metal in the environment. It is commonly associated with the burning of coal and fuel oil and is most commonly introduced to the environment through atmospheric emissions. It has also historically been used in electronic switches and thermometers, both of which have been identified in the Mason Station Site buildings. Multiple mercury removal efforts have occurred at the Mason Station Site, including as recently as 2023 when One (1) five gallon container of elemental mercury, one (1) 55-gallon drum containing mercury debris, and two (2) five gallon containers of mercury impacted liquid were removed from the Site (Ransom, 2023). MEDEP has also observed and documented mercury ampules in switches and thermometers disappearing from equipment without being accounted for by Site owners and staff. Mercury has many molecular structures and polarities which impacts solubility. In its pure form, mercury is not soluble. Other forms such as mercuric chloride and methyl mercury, are slightly soluble. Soil and sediment will sorb mercury with a direct correlation to organic content. It is also highly susceptible to bioaccumulate in aquatic and terrestrial food chains (ATSDR, 1995).

Nickel is a commonly used metal in a variety of applications due to its strength, malleability, and its resistance to corrosion and high temperatures. It is a common alloy in metals and can be used in a myriad of commercial and industrial equipment but is also associated with the combustion of coal and oil and is routinely monitored at electricity generation facilities. Nickel is most prevalent in water when adsorbed to particulate matter and will often settle-out in low energy environments (ATSDR, 1995).



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Silver was detected in trace amounts and is not perceived to be a driver of risk at the Site. Its toxicologic properties will be further evaluated if additional data or information come to light that suggest otherwise.

Vanadium and vanadium compounds are naturally occurring in the earth's crust, but Maine does not have ubiquitous concentrations in soils. Vanadium has been used in small amounts to make rubber, plastics, ceramics, and steel but the primary source of vanadium in the environment in Maine, is a byproduct of burning fuel oils. It is persistent in the environment and typically adheres to soil and sediment and does not dissolve well in water. The transport and partitioning of vanadium in soil and water is most influenced by the acidity of the water or soil and the presence of particulate matter for adhesion. (ATSDR, 1995)

5.5 VOCs

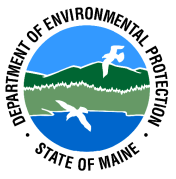
VOCs were detected at low concentrations in six (6) sediment and two (2) effluent water samples collected during this Site investigation and are not considered to be a current driver of risk at the Site. Site related risk relative to VOCs will be further evaluated if additional data or information come to light that suggest otherwise.

5.6 Pesticides Herbicides & Alcohols

The pesticide pentachlorophenol (PCP) is a semi-volatile compound that has been used in industrial and commercial applications as a pesticide and as a wood preservative. Its use has been heavily restricted in the United States as a result of its toxicologic properties but is still used as a preservative for utility poles, railroad ties, and wharf pilings. When released to surface water, PCP undergoes biotransformation and photolysis, and is adsorbed to sediment particles. Adsorption to sediment decreases in neutral and basic pH environments.

It is suspected that PCP detections at the Mason Station Site are a result of wood preservatives and not from an application as a pesticide. A line of evidence that supports this assertion is the presence dibenzofuran which has historically been used in oils utilized to preserve wood in conjunction with PCP. Bioconcentration is not believed to be a driver of risk for PCP and biomagnification has not been observed (TSDR, 1995).

The limited alcohol and herbicide analysis performed during the Site investigation did not identify any contaminants above detection limits and therefore these compounds are not perceived to be a current driver of risk at the Site. Toxicologic properties of alcohols and herbicides will be further evaluated if additional data or information come to light that suggest otherwise.



Section 6.0 Data evaluation

Analytical analysis of sediment, air, effluent water, miscellaneous substances, and bulk material samples has confirmed the presence of PCBs, waste oil, PAHs, SVOCs, metals, and asbestos within the Power House structures interior with varying concentrations across media and location.

Analytical analysis of sediment and effluent water has confirmed the presence of PCBs, waste oil, PAHs, SVOCs, metals, and asbestos exterior to the Power House structure with varying concentrations across media and location.

PCP was detected in two (2) sediment samples (SD-414 and SD-419). SD-414 was collected adjacent to the old wharf and so this detection is logical in that the wood timbers used to construct the wharf pilings are a likely source. SD-419 collected in the building's interior Unit 5 vault also had elevated levels of PCP. The source of this detection is unclear because the vault is flooded, and its contents cannot be assessed. PCP was also detected in the unknown substance sample identified as Floor Solids 01 at a concentration of 76.0J ug/KG.

Trichloroethylene (TCE) was detected in one (1) sediment sample (SD-406) and one effluent water sample (EF-09). Both sample locations are from outfall pipes that receive water from the roof drains. It is suspected that these detections are a result of recent repairs attempting to prevent water from entering the Power House Structure. The adhesives used to patch the roof likely had TCE as a chemical component.

Total PCBs were detected in fifteen (15) sediment samples and the duplicate sediment sample, out of a total dataset consisting of seventeen (17) primary samples, one (1) duplicate sample, and one (1) background sample. PCBs were not detected in the background sediment sample. PCBs were detected in five (5) effluent water samples, out of a total dataset consisting of eight (8) effluent water samples.

All detections of PCBs in media analyzed during this investigation are consistent with historical sampling at the Site. Low concentrations of PCBs are present in most media at the Site because of historical releases from equipment and transformers diffusing through the structure.

PCBs more than 1 ppm were detected in SD-417 from Units 3 & 4 floor trench at a concentration of 4,370 ug/KG and SD-418 from units 1 & 2 floor trench at a concentration of 1,980 ug/KG. Levels detected through this site investigation may exceed EPA TSCA cleanup guidelines.

Petroleum detections in sediment and effluent water samples were all extractable hydrocarbon fractions. Many No. 6 oil releases as well as lubricating oils have been observed throughout the Power House structure and these types of waste oils are consistent with the carbon ranges detected both interior and exterior of the Power House structure in environmental samples. Although no detected petroleum related compounds exceed the applicable RAGs, the detections in effluent water collected interior of the Power House structure, along with the confirmed migration pathways of floor trenches to Outfall Pipe discharges, suggest that intermittent releases through outfall pipes remain a potential threat to the environment.

Metals were detected in all sample media collected during this site investigation and metals are confirmed to be discharged to the Sheepscot river at all three exterior effluent sample locations. pH was recorded in the field as slightly acidic to slightly alkaline ranging from 6.14 – 8.21 and turbidity measurements were relatively low ranging from 1.27 – 4.99 NTU. These field parameters may account for the low metals concentrations



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detected in water samples. Metals concentrations within the building are consistently higher than those found in soil, sediment and water found exterior of the structure. Because chromium was not speciated, the more conservative hexavalent chromium RAGs standards are applied. Additional sediment samples should be collected to speciate chromium and determine if hexavalent chromium is present at the Site.

Asbestos was detected in bulk material, sediment, and effluent water samples at the Site including in effluent water samples collected from outfall pipes discharging to the Sheepscot River. Interior air samples had detections of asbestos but were below OSHA regulatory standards. Exterior air samples and all personal exposure monitoring samples did not have concentrations of asbestos above detection limits. All air asbestos samples were collected during a period of rain which may bias the sample results low.

The three media samples suspected to be hazardous substances released in the Power House Structure: Floor Solids 01, Trench Water 01, and Unknown Substance sample are all confirmed through analytical analysis to be hazardous substances as defined by the Uncontrolled Sites Law pursuant to 38 M.R.S. § 1362(1). These substances are all potential sources for discharge from the buildings floor trenches to the Sheepscot river.

6.1 Complete Pathways and Confirmed Discharges to The Environment

Two complete pathways were identified through dye testing from the buildings interior to the Sheepscot River. Where these complete pathways exist concentrations of interior sediment and effluent water samples are compared to concentrations of exterior sediment and effluent water samples to demonstrate active discharges to the environment. Samples were not collected simultaneously, but rather over a ten (10) day period and variability in sample results is expected since contaminants are not homogeneous within the floor trench water or sediments. Results represent a snapshot in time.

- The floor trenches in Unit 3 & 4 discharges to Outfall pipe 007. Sediment sample SD-417 and collocated effluent sample EF-05 were collected from the floor trench interior of the building and SD-406 collocated with EF-09 were collected at the terminus of Outfall pipe 007. Outfall Pipe 007 is believed to only receive water from the Unit #3 floor drains with no other inputs.
 - Petroleum carbon ranges C11-C22 and C19-C36 were detected in interior sediment samples at concentrations 80% – 87% higher than the concentrations detected in exterior sediment samples. No petroleum detections were observed in effluent water above method detection limits.
 - Metals arsenic, chromium, iron, lead, mercury, nickel, and vanadium are elevated in SD-417 and chromium, iron, manganese, and vanadium are elevated in SD-406. Vanadium concentrations stand out as being particularly elevated in sediment and may be attributable to historic operations as a coal and oil fired power generation facility. Sediment samples SD-417 had vanadium detections roughly 67% higher than detections in SD-406. Both locations have the highest concentration of vanadium respectively for interior and exterior sediment samples at the Site.
 - PCBs were identified in sediment inside the building at a concentration of 4,370 ug/KG and



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exterior to the building at a concentration of 539 ug/KG which is 87% lower than the interior detections. SD-417 and EF-05 samples were collected from a floor trench in Units 3 & 4 that is included in an ongoing TSCA regulated removal action. These data also confirm that until the removal action is completed, a threat of PCB discharges to the environment is ongoing.

- Asbestos was detected in sediment in SD-417 but not in exterior sediment sample SD-406. EF-09 inside the building had a concentration of 5.83 million fibers per liter and EF-05 had a concentration of 28.71 million fibers per liter confirming that asbestos is actively being discharged to the building exterior.
- The floor trenches in Units 1 & 2 discharge to Outfall Pipe 006. Sediment sample SD-418 collocated with EF-04 were collected from the building interior while SD-409 collocated with EF-02 were collected from the terminus of Outfall Pipe 006 exterior of the Power House structure. Outfall pipe 006 is believed to receive fluid from Units No.1, No.2, & No.5 roof drains as well as the same building units floor trenches.
 - Petroleum carbon ranges C11-C22 were detected in both interior and exterior sediment samples while C19-C36 was only detected in interior sediments and interior effluent water sample EF-04. No petroleum was identified above the method detection limits in EF-02 exterior to the Power House structure.
 - Metals arsenic, chromium, iron, lead, manganese, mercury, nickel, and vanadium are elevated in SD-418 and chromium and iron are elevated in SD-409. Of note are detections of mercury in all sediment and effluent water associated with this pathway from the building interior to the Sheepscot River.
 - PCBs were identified at a concentration of 1,980 ug/KG in SD-418 and 79.6J in SD-409 which is a 96% reduction in concentration. PCBs were detected in EF-04 interior of the building but not in EF-02 exterior of the structure.
 - Asbestos was detected in EF-04 at a concentration of 40.2 million fibers per liter and 0.4 million fibers per liter in EF-02 confirming discharge of asbestos to the building exterior. Floor trench sediment had detections of asbestos inside the building at SD-418 but no fibers were detected at SD-409.

6.2 RAGs Exceedances

Exceedances of Maines RAGs indicates a risk to the exposed population and therefore warrants abatement, mitigation, and/or remediation depending on the intended site use. The following section of the report details each applicable exposure scenario to the Site and contaminant concentrations that exceed the established clean up levels.

6.2.1 Residential Exposure Scenario

The residential RAG scenario only applies to the Site should it be developed for such a use. Concentrations in interior and exterior sediment exceed the Residential soil RAGs exposure scenario for metals, PAHs, pesticides,



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and PCBs at the following locations.

Sediment:

- SD-401 – Chromium, arsenic
- SD-402 – Dibenzo(A,H)anthracene, indeno(1,2,3-CD)pyrene, benzo(B)fluoranthene, chromium, arsenic.
- SD-405 – Iron, chromium, arsenic.
- SD-406 – Iron, chromium, arsenic.
- SD-407 – Chromium, arsenic.
- SD-409 – Chromium.
- SD-409 DUP – Iron, chromium, arsenic.
- SD-410 – Chromium, arsenic.
- SD-411 – Chromium, arsenic.
- SD-412 – Chromium.
- SD-416 – Lead, iron, chromium, arsenic.
- SD-417 – PCBs, vanadium, lead, iron, cobalt, chromium, arsenic.
- SD-418 – Mercury, lead, cobalt, chromium, arsenic.
- SD-419 – Manganese, lead, iron, cobalt, chromium, arsenic, pentachlorophenol.

The Site is served by public water and MEDEP is not considering the Residential groundwater a complete pathway for exposure.

6.2.2 Park User/Recreator Exposure Scenario

Park User/ recreator exposure scenario is applicable to both interior and exterior areas of the building. Evidence of vandalism such as graffiti and broken windows can be seen both inside and outside of the Power House structure. During the administrative warrants sampling efforts, local residents were observed using the Site for recreational purposes (walking). While the Site remains unsecured, this RAGs scenario is applicable to current site use. Concentrations of interior and exterior sediment exceed the Park User/Recreator exposure scenario for metals and pesticides at the following sample locations.

Sediment:

- SD-401 - Chromium
- SD-402 – Vanadium, chromium
- SD-405 – Iron, chromium
- SD-406 – Vanadium, iron, chromium
- SD-407 – Chromium
- SD-409 - Chromium
- SD-409 DUP – Iron, chromium
- SD-410 - Chromium
- SD-411 - Chromium
- SD-412 - Chromium
- SD-416 – Iron, chromium



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- SD-417 – Vanadium, iron, chromium, lead
- SD-418 – Vanadium, mercury, chromium, lead
- SD-419 – Vanadium, iron, chromium, lead, pentachlorophenol

6.2.3 Commercial Exposure Scenario

The Commercial soil RAGs exposure scenario is applicable to the Site in its current and potential future uses. Concentrations of interior and exterior sediment exceed the Commercial exposure scenario for metals and pesticides at the following sample locations.

Sediment:

- SD-405 – Iron, chromium
- SD-406 - Iron
- SD-409 DUP – Iron
- SD-416 – Iron
- SD-417 – Iron, chromium
- SD-418 – Mercury, iron, chromium
- SD-419 – Lead, iron, chromium, pentachlorophenol

6.2.4 Recreator Sediment Exposure Scenario

Sediment samples SD-403, SD-404, SD-414, and SD-415 are the only sample locations that are applied to the Recreator Sediment RAGs exposure scenario because they are the only sample locations that remain submerged year-round. Concentrations in exterior sediment exceed the Recreator Sediment exposure scenario for metals and pesticides at the following sample locations.

Sediment:

- SD-403 - Chromium
- SD-404 - Chromium
- SD-414 – Chromium, pentachlorophenol
- SD-415 - Chromium

6.2.5 Construction Worker Exposure Scenario

The Construction Worker RAGs exposure scenario is applicable to the Site in its current and future use. Concentrations of interior and exterior sediment exceed the Construction Worker exposure scenario for metals and pesticides for at the following sample locations.

Sediment:

- SD-401 – Manganese
- SD-402 – Vanadium
- SD-405 – Manganese, iron
- SD-406 – Vanadium, manganese, iron
- SD-407 – Manganese



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- SD-409 DUP - Iron
- SD-410 – Manganese
- SD-411 – Manganese
- SD-416 – Manganese, iron
- SD-417 – Vanadium, nickel, manganese, lead, iron
- SD-418 – Vanadium, nickel, mercury, manganese, lead
- SD-419 – Lead, iron, pentachlorophenol

6.3 SQuiRT Screening Level Exceedances

The NOAA SQuiRT tables lower-threshold values (TELs), or higher toxicity thresholds (PELs) for sediment were exceeded for metals, PCBs, and PAHs at the following sample locations.

Sediment:

- SD-401- Arsenic, chromium, copper, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-402- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene
- SD-403- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene
- SD-404- Arsenic, copper, lead, mercury, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-405- Arsenic, chromium, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-406- Arsenic, cadmium, copper, lead, mercury, nickel, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-407- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene
- SD-409 - copper, nickel, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-409DUP- Arsenic, copper, nickel, acenaphthylene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, phenanthrene, pyrene
- SD-410- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-411- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene



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- SD-412 - copper, nickel, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-414- Arsenic, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene
- SD-415- Arsenic, copper, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-416- Arsenic, chromium, copper, lead, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-417- Arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, bis(2-ethylhexyl) phthalate, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-418- Arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, silver, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- SD-419- Arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, 2-methylnaphthalene, acenaphthene, acenaphthylene, anthracene, benzo(A)anthracene, benzo(A)pyrene, bis(2-ethylhexyl) phthalate, chrysene, dibenzo(A,H)anthracene, fluoranthene, fluorene, phenanthrene, pyrene
- BKD-SED-001 – Arsenic, nickel

The surface water marine acute and chronic exposures were applied to effluent water samples. Concentrations exceeded one or more screening levels for metals and PCBs at the following sample locations.

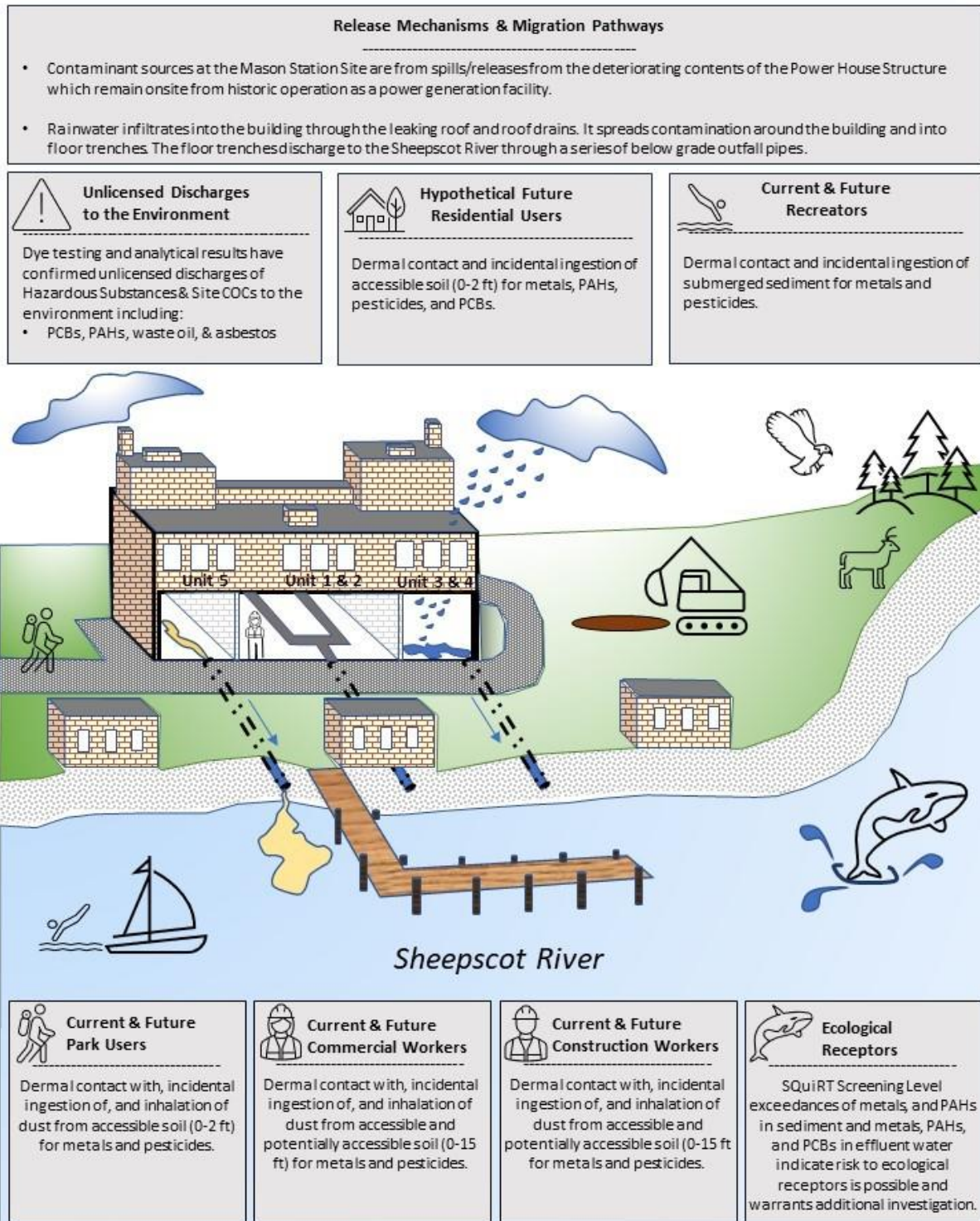
Effluent Water

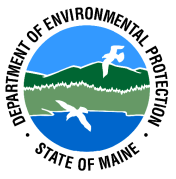
- EF-01 – Copper, nickel
- EF-02 - Copper, nickel, vanadium
- EF-04 - Iron, nickel, vanadium
- EF-05 - Iron, vanadium
- EF-06 - Iron, 2-methylnaphthalene
- EF-07 - Iron, vanadium, PCBs
- EF-08 - Iron, vanadium
- EF-09 – Copper, iron, vanadium



Section 7: Conceptual Site Model

The conceptual site model for the Mason Station Site summarizes the contaminant sources, ways in which the contaminants were released and transported, routes of exposure to receptors evaluated as part of the RAGs exposure scenarios and how those receptors could potentially contact the contamination under current and potential future use scenarios.





Section 8: Summary and Conclusions

Evaluation of site exposure was divided into interior and exterior investigation areas and is evaluated on a sample by sample basis to assess the potential exposure associated with the use of the Site under potential future use scenarios. It is assumed that the Site may be developed as a residential or commercial/industrial building or similar. In addition, it is assumed that construction/excavation type work may be performed anywhere on site.

8.1 Regulatory Exceedance Summary

Analytical testing has confirmed hazardous substances, as defined by the Uncontrolled Sites Law pursuant to 38 M.R.S. § 1362(1), including PCBs, PAHs, waste oil, & asbestos were handled or came to be located at the Site. Analytical testing has also confirmed that complete pathways from the building's interior are discharging these hazardous substances from the Mason Station Site Power House building to the Sheepscot River estuary, a class SB watershed. Unlicensed discharges from the Power House structure to the Sheepscot River are not permitted. Maine's wastewater discharge law requires that a license be obtained for the discharge of pollutants to a stream, river, wetland, or lake of the State, or to the ocean regardless of the estuarine and marine water classification pursuant to Title 38 §413 – Waste Discharge Licenses.

Volumes of water discharging from the Power House structure are unknown and highly variable based on precipitation. Without defined volumes of water discharging to the Sheepscot River, loading calculations cannot be determined for contaminants as part of this site investigation.

Sediment samples collected during the site investigation identified metals, PAHs, pesticides, and PCBs exceeding Remedial Action Guidelines thresholds for applicable exposure scenarios. Specific exceedances are detailed in **Section 6.2 – RAGs Exceedances**.

NOAA SQuiRT screening levels were exceeded for metals, and PAHs in sediment and metals, PAHs, and PCBs in effluent water. Specific exceedances are detailed in **Section 6.3 – SQuiRT Screening Level Exceedances**. These screening level exceedances identify a need for further assessment for impacts to the Sheepscot River estuary and ecological receptors.

8.2 Conclusions

As part of this investigation dye testing confirmed complete pathways for site COCs to discharge from the building's interior to the environment, namely the Sheepscot River. Two (2) complete pathways were identified during this focused investigation, but others may exist. Since complete pathways are confirmed, it should be assumed that all contents within the building have potential to be mobilized by infiltrating rainwater and to migrate through floor trenches and outfall pipes to the environment. Analytical testing has confirmed hazardous substances, as defined in 38 M.R.S. § 1362(1), were handled or came to be located at the Site. Analytical testing has also confirmed that complete pathways from the building's interior are discharging hazardous substances to the Sheepscot River.

MEDEP collected six (6) bulk material samples suspected of containing asbestos and all samples exceeded the definition of Asbestos Containing Materials as defined in Chapter 425 of Maines rules. Furthermore, asbestos, was confirmed to be migrating to the environment through analytical testing of effluent water.



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Until the building is demolished, abated, or renovated, regular inspections and sampling of outfall pipes and sediment is recommended to document ongoing impacts to the environment.

Numerous spills have been identified in the Site buildings. Equipment and piping that contain residual waste oil require assessment, inventory, and removal. Risk of significant release to the environment will increase without substantial efforts to repair and maintain the Power House structure and its contents.

8.3 Recommendations

Specific actions should be taken to prevent continued discharges of hazardous substances to the environment:

- The building should be sealed from water entering the structure. Repairs made to the roof in recent years are insufficient and have not prevented infiltration of rainwater to the building's interior.
- Floor trenches and outfall pipes should be permanently disabled by sealing with concrete. Floor trenches will require decontamination prior to being abandoned. Where roof drains discharge to floor trenches, they should be rerouted to discharge through designated discharge points exterior to the building that do not commingle water from various sources.
- The detections of PCBs in Units 1 & 2 floor trench should be further investigated to determine source and extent.
- Vanadium detections should be further investigated to determine source and extent.
- Deteriorated asbestos should be abated from the Power House structure to prevent ongoing discharge or impacts to receptors.
- Asbestos air samples should be collected during a period when there is no precipitation and the building is dry, since moisture can bias the results low.
- Additional samples should be collected at the Site to speciate chromium to identify risk from hexavalent chromium.
- Work performed to complete these recommendations should be conducted in accordance with a DEP-approved plan.

In addition to recommendations put forth by MEDEP, the Site will require further investigation and remediation of hazardous substances to fully abate risk to human health and the environment.



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Memorandum of Findings: Investigation of Air, Outfall Pipe Discharges, Soil, and Sediment at the Mason Station Power House and Associated Buildings and Property

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**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Tables

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Alcohol/Herbicides/Pesticides			Cation				Fuel								
			TERT-BUTYL ALCOHOL	PENTACHLOROPHENOL	1,2-DIBROMO-3-CHLOROPROPANE	CALCIUM	MAGNESIUM	POTASSIUM	SODIUM	C11-C22 AROMATIC HYDROCARBONS	C19-C36 ALIPHATIC HYDROCARBONS	C5-C8 ALIPHATIC HYDROCARBONS	C9-C10 AROMATIC HYDROCARBONS	C9-C12 ALIPHATIC HYDROCARBONS	C9-C18 ALIPHATIC HYDROCARBONS	UNADJUSTED C11-C22 AROMATICS	UNADJUSTED C5-C8 ALIPHATICS	UNADJUSTED C9-C12 ALIPHATICS
			UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<990	<32	<150	2700	6800	2100	2600	15.3	13.6	<4.96	<4.96	<4.96	<7.86			
SD-402	9/12/2023	Exterior Intertidal / Soil	<1200	<370	<190	980	2700	1200	120.0J	311	48	<6.22	<6.22	<6.22	<43.7			
SD-403	9/14/2023	Exterior Sediment	<1000	<320	<150	16000.0J	3400.0J	1100.0J	2200.0J	54.5	9.5	<5.04	<5.04	<5.04	<7.78	98.2	<5.04	<5.04
SD-404	9/14/2023	Exterior Sediment	<2	<88	<3.2	3200	8300	3700	19000	68	<22	<26.4	<26.4	<26.4	<22	152	<26.4	<26.4
SD-405	9/12/2023	Exterior Intertidal / Soil	<920	<160	<140	7200	4100	1700	2600	17.9	<8.11	<4.61	<4.61	<4.61	<8.11			
SD-406	9/12/2023	Exterior Intertidal / Soil	<1400	<38	<220	1900	5300	1800	960	28.2	70.6	<7.24	<7.24	<7.24	<9.4			
SD-407	9/12/2023	Exterior Intertidal / Soil	<920	<30	<140	5300	5000	2100	950	<7.38	<7.38	<4.58	<4.58	<4.58	<7.38			
SD-409	9/13/2023	Exterior Intertidal / Soil	<900	<32	<140	1600.0J	3900.0J	1800.0J	1100	11.8	<7.94	<4.52	<4.52	<4.52	<7.94	11.8	<4.52	<4.52
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<1200	<33	<180	810.0J	2400.0J	1200.0J	980	9.95	<7.94	<6.17	<6.17	<6.17	<7.94	9.95	<6.17	<6.17
SD-410	9/13/2023	Exterior Intertidal / Soil	<970	<320	<140	1800	6000	3200	2100	20.7	<7.83	<4.86	<4.86	<4.86	<7.83			
SD-411	9/12/2023	Exterior Intertidal / Soil	<1000	<170	<150	1600.0J	3800	1900.0J	2700.0J	37.6	19.5	<5.07	<5.07	<5.07	<8.22			
SD-412	9/12/2023	Exterior Intertidal / Soil	<950	<31	<140	2700	3400	1700	1700	186	30.4	<4.76	<4.76	<4.76	<15.6			
SD-414	9/14/2023	Exterior Sediment	<3900	21.0J	<590	14000	8400	3600	16000	42.4	<17.9	<19.7	<19.7	<19.7	<17.9	65.8	<19.7	<19.7
SD-415	9/14/2023	Exterior Sediment	<3000	<56	<450	41000	6000	2500	10000	77.6	36	<15	<15	<15	<13.8	108	<15	<15
SD-416	9/12/2023	Exterior Intertidal / Soil	<1500	<38	<220	8600	4800	2200	2100	28.7	<9.09	<7.36	<7.36	<7.36	<9.09			
SD-417	9/14/2023	Interior Intertidal / Soil	<1300	<740	<190	12000	5400	1400	230	147	552	<6.3	<6.3	<6.3	<29.1	236	<6.3	<6.3
SD-418	9/14/2023	Interior Intertidal / Soil	<1400	<800	<210	29000	9600	1500	350	200	324	<7.14	<7.14	<7.14	<99.4	280	<7.14	<7.14
SD-419	9/13/2023	Interior Intertidal / Soil	<1300	44.0J	<200	14000	2800	1100	590	114	120	<6.53	<6.53	<6.53	<8.85			
BKD-SED-001	9/12/2023	Exterior Sediment	<3500	<64	<520	3700	7500	3800	12000	<16	<16	<17.5	<17.5	<17.5	<16			
Leaching to Groundwater			17.00	0.00031	0.08					340.00	NC	92.00	15.00	5,800.00	26,000.00			
Residential			19,000.00	0.0140	78.00					2,600.00	100,000.00	1,700.00	660.00	2,500.00	2,500.00			
Commercial Worker			89,000.00	0.0540	1,000.00					33,000.00	100,000.00	11,000.00	3,500.00	14,000.00	14,000.00			
Park User			54,000.00	0.0400	1,500.00					7,300.00	100,000.00	7,500.00	4,700.00	17,000.00	17,000.00			
Recreator Sediment			62,000.00	0.0460	8,600.00					8,400.00	100,000.00	9,500.00	7,000.00	24,000.00	24,000.00			
Construction Worker			67,000.00	0.3400	3,500.00					74,000.00	1,200,000.00	430.00	2,600.00	2,300.00	4,800.00			
Background		Undeveloped																
		Rural Developed																
		Urban Developed																
		Urban Fill																
SQuiRT	TEL																	
	PEL																	

			UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
Effluent	EF-01	9/12/2023	Exterior	<10	<0.8	<1	4.48	0.561	1.86	2.52	<100	<100	<50	<50	<50	<100	<100	
	EF-02	9/19/2023	Exterior	<10	<0.8	<1	23	37	19	342	<100	<100	<50	<50	<50	<100		
	EF-04	9/12/2023	Interior	<10	<0.8	<1	12.2	3.76	5.91	14.3	<100	133	<50	<50	<50	<100		
	EF-05	9/12/2023	Interior	<10	<0.8	<1	10.9	9.62	20.5	20.6	<100	<100	<50	<50	<50	<100	<100	<50
	EF-06	9/13/2023	Interior	<10	<0.8	<1	11.6	3.13	5.67	16.6	<100	<100	<50	<50	<50	<100		
	EF-07	9/13/2023	Interior	<10	<0.8	<1	23.9	2.93	7.54	9.93	<100	242	<50	<50	<50	<100		
	EF-08	9/13/2023	Interior	<10	<0.8	<1	29	4.98	8.07	10.9	<100	347	<50	<50	<50	<100		
	EF-09	9/13/2023	Exterior	<10	<0.8	<1	6.83	10.8	14.2	88.3	<100	<100	<50	<50	<50	<100		
RAGS	Residential			0.41	0.0033					600	40000	180	71	350	350			
	Construction Worker			240	1.2					100000	100000	960	2700	3700	3900			
SQuiRT	Acute			13														
	Chronic			7.9														

				UG/L	UG/L					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L			
MISC	TRENCH WATER - 01	9/13/2023	NA	<4	<1					121	<100	<50	<50	<50	<100			
	FLOOR SOLIDS 01	9/13/2023	NA	<2200	76.0J	<340				77.4	104	<11.2	<11.2	<11.2	19.4			

Notes: BOLD TEXT = RAGS Exceedance

 = SQuiRT Exceedance

 = Non Detect (Reported as the RL)

 = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Alcohol/Herbicides/Pesticides			Cation				Fuel								
			TERT-BUTYL ALCOHOL	PENTACHLOROPHENOL	1,2-DIBROMO-3-CHLOROPROPANE	CALCIUM	MAGNESIUM	POTASSIUM	SODIUM	C11-C22 AROMATIC HYDROCARBONS	C19-C36 ALIPHATIC HYDROCARBONS	C5-C8 ALIPHATIC HYDROCARBONS	C9-C10 AROMATIC HYDROCARBONS	C9-C12 ALIPHATIC HYDROCARBONS	C9-C18 ALIPHATIC HYDROCARBONS	UNADJUSTED C11-C22 AROMATICS	UNADJUSTED C5-C8 ALIPHATICS	UNADJUSTED C9-C12 ALIPHATICS
			UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<990	<32	<150	2700	6800	2100	2600	15.3	13.6	<4.96	<4.96	<4.96	<7.86			
SD-402	9/12/2023	Exterior Intertidal / Soil	<1200	<370	<190	980	2700	1200	120.0J	311	48	<6.22	<6.22	<6.22	<43.7			
SD-403	9/14/2023	Exterior Sediment	<1000	<320	<150	16000.0J	3400.0J	1100.0J	2200.0J	54.5	9.5	<5.04	<5.04	<5.04	<7.78	98.2	<5.04	<5.04
SD-404	9/14/2023	Exterior Sediment	<2	<88	<3.2	3200	8300	3700	19000	68	<22	<26.4	<26.4	<26.4	<22	152	<26.4	<26.4
SD-405	9/12/2023	Exterior Intertidal / Soil	<920	<160	<140	7200	4100	1700	2600	17.9	<8.11	<4.61	<4.61	<4.61	<8.11			
SD-406	9/12/2023	Exterior Intertidal / Soil	<1400	<38	<220	1900	5300	1800	960	28.2	70.6	<7.24	<7.24	<7.24	<9.4			
SD-407	9/12/2023	Exterior Intertidal / Soil	<920	<30	<140	5300	5000	2100	950	<7.38	<7.38	<4.58	<4.58	<4.58	<7.38			
SD-409	9/13/2023	Exterior Intertidal / Soil	<900	<32	<140	1600.0J	3900.0J	1800.0J	1100	11.8	<7.94	<4.52	<4.52	<4.52	<7.94	11.8	<4.52	<4.52
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<1200	<33	<180	810.0J	2400.0J	1200.0J	980	9.95	<7.94	<6.17	<6.17	<6.17	<7.94	9.95	<6.17	<6.17
SD-410	9/13/2023	Exterior Intertidal / Soil	<970	<320	<140	1800	6000	3200	2100	20.7	<7.83	<4.86	<4.86	<4.86	<7.83			
SD-411	9/12/2023	Exterior Intertidal / Soil	<1000	<170	<150	1600.0J	3800	1900.0J	2700.0J	37.6	19.5	<5.07	<5.07	<5.07	<8.22			
SD-412	9/12/2023	Exterior Intertidal / Soil	<950	<31	<140	2700	3400	1700	1700	186	30.4	<4.76	<4.76	<4.76	<15.6			
SD-414	9/14/2023	Exterior Sediment	<3900	21.0J	<590	14000	8400	3600	16000	42.4	<17.9	<19.7	<19.7	<19.7	<17.9	65.8	<19.7	<19.7
SD-415	9/14/2023	Exterior Sediment	<3000	<56	<450	41000	6000	2500	10000	77.6	36	<15	<15	<15	<13.8	108	<15	<15
SD-416	9/12/2023	Exterior Intertidal / Soil	<1500	<38	<220	8600	4800	2200	2100	28.7	<9.09	<7.36	<7.36	<7.36	<9.09			
SD-417	9/14/2023	Interior Intertidal / Soil	<1300	<740	<190	12000	5400	1400	230	147	552	<6.3	<6.3	<6.3	<29.1	236	<6.3	<6.3
SD-418	9/14/2023	Interior Intertidal / Soil	<1400	<800	<210	29000	9600	1500	350	200	324	<7.14	<7.14	<7.14	<99.4	280	<7.14	<7.14
SD-419	9/13/2023	Interior Intertidal / Soil	<1300	44.0J	<200	14000	2800	1100	590	114	120	<6.53	<6.53	<6.53	<8.85			
BKD-SED-001	9/12/2023	Exterior Sediment	<3500	<64	<520	3700	7500	3800	12000	<16	<16	<17.5	<17.5	<17.5	<16			
Leaching to Groundwater			17.00	0.00031	0.08					340.00	NC	92.00	15.00	5,800.00	26,000.00			
Residential			19,000.00	0.0140	78.00					2,600.00	100,000.00	1,700.00	660.00	2,500.00	2,500.00			
Commercial Worker			89,000.00	0.0540	1,000.00					33,000.00	100,000.00	11,000.00	3,500.00	14,000.00	14,000.00			
Park User			54,000.00	0.0400	1,500.00					7,300.00	100,000.00	7,500.00	4,700.00	17,000.00	17,000.00			
Recreator Sediment			62,000.00	0.0460	8,600.00					8,400.00	100,000.00	9,500.00	7,000.00	24,000.00	24,000.00			
Construction Worker			67,000.00	0.3400	3,500.00					74,000.00	1,200,000.00	430.00	2,600.00	2,300.00	4,800.00			
Background		Undeveloped																
		Rural Developed																
		Urban Developed																
		Urban Fill																
SQuiRT	TEL																	
	PEL																	

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Alcohol/Herbicides/Pesticides			Cation				Fuel								
			UG/L	UG/L	UG/L	MG/L	MG/L	MG/L	MG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
EF-01	9/12/2023	Exterior	<10	<0.8	<1	4.48	0.561	1.86	2.52	<100	<100	<50	<50	<50	<100	<100		
EF-02	9/19/2023	Exterior	<10	<0.8	<1	23	37	19	342	<100	<100	<50	<50	<50	<100			
EF-04	9/12/2023	Interior	<10	<0.8	<1	12.2	3.76	5.91	14.3	<100	133	<50	<50	<50	<100			
EF-05	9/12/2023	Interior	<10	<0.8	<1	10.9	9.62	20.5	20.6	<100	<100	<50	<50	<50	<100	<100	<50	<50
EF-06	9/13/2023	Interior	<10	<0.8	<1	11.6	3.13	5.67	16.6	<100	<100	<50	<50	<50	<100			
EF-07	9/13/2023	Interior	<10	<0.8	<1	23.9	2.93	7.54	9.93	<100	242	<50	<50	<50	<100			
EF-08	9/13/2023	Interior	<10	<0.8	<1	29	4.98	8.07	10.9	<100	347	<50	<50	<50	<100			
EF-09	9/13/2023	Exterior	<10	<0.8	<1	6.83	10.8	14.2	88.3	<100	<100	<50	<50	<50	<100			
RAGS	Residential			0.41	0.0033					600	40000	180	71	350	350			
	Construction Worker			240	1.2					100000	100000	960	2700	3700	3900			
SQuiRT	Acute			13														
	Chronic			7.9														

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Alcohol/Herbicides/Pesticides			Cation				Fuel								
			UG/KG	UG/KG	UG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
TRENCH WATER - 01	9/13/2023	NA		<4	<1					UG/L	UG/L	UG/L	UG/L	UG/L	UG/L			
										121	<100	<50	<50	<50	<100			
FLOOR SOLIDS 01	9/13/2023	NA	<2200	76.0J	<340					MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG			
										77.4	104	<11.2	<11.2	<11.2	19.4			

Notes: BOLD TEXT = RAGS Exceedance

 = SQuiRT Exceedance

 = Non Detect (Reported as the RL)

 = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Metals																			
			ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	
			MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	7000	0.64J	14	26	0.29J	0.08J	56	9.6	170	52000	29	570	<0.085	240	2.2J	0.07J	0.14J	260	95	
SD-402	9/12/2023	Exterior Intertidal / Soil	4700	2.4	17	40	0.24J	0.29	46	18	360	160000	510	490	<0.098	170	1.5J	<0.68	0.09J	2900	530	
SD-403	9/14/2023	Exterior Sediment	4300	0.6J	11.0J	16.0J	0.21J	0.08J	47.0J	6.9J	46.0J	47000.0J	200.0J	300.0J	<0.084	190.0J	1.6J	0.07J	0.14J	690.0J	56.0J	
SD-404	9/14/2023	Exterior Sediment	12000	<5.3	11	29	0.57J	0.18J	38	7.3	27	20000	53	220	0.154J	36	4.5J	<1.6	0.2J	79	73	
SD-405	9/12/2023	Exterior Intertidal / Soil	5500	1.2J	17	26	0.28J	0.09J	110	12	290	140000	77	1100	<0.094	260	1.0J	<0.6	0.09J	71	53	
SD-406	9/12/2023	Exterior Intertidal / Soil	6700	2.2J	13	32	0.28J	0.76	37	12	290	120000	77	760	0.352	230	2.1J	0.17J	0.09J	4000	260	
SD-407	9/12/2023	Exterior Intertidal / Soil	7800	0.88J	13	32	0.35	0.12J	31	14	67	54000	46	500	<0.073	91	2.1J	<0.54	0.13J	57	56	
SD-409	9/13/2023	Exterior Intertidal / Soil	5800.0J	0.22J	5.2J	25.0J	0.21J	0.07J	14.0J	4.1J	30.0J	19000.0J	20	200	0.076J	25	2.2J	0.06J	0.09J	150.0J	75	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	3400.0J	0.51J	13.0J	12.0J	0.15J	0.09J	18.0J	7.9J	43.0J	150000.0J	18	200	0.077J	29	1.2J	<0.6	<0.48	190.0J	63	
SD-410	9/13/2023	Exterior Intertidal / Soil	9700	0.48J	11	36	0.35J	0.16J	43	19	280	53000	68	600	<0.087	480	2.4	0.08J	0.19J	100	76	
SD-411	9/12/2023	Exterior Intertidal / Soil	5900	0.29J	12.0J	20.0J	0.32J	0.12J	19.0J	5.4	28.0J	26000	42.0J	320	0.076J	28	1.4J	0.06J	0.16J	110.0J	55	
SD-412	9/12/2023	Exterior Intertidal / Soil	6300	0.18J	6.5	22	0.24J	0.07J	26	3.8	24	12000	17	200	<0.076	22	1.6J	<0.57	0.09J	45	78	
SD-414	9/14/2023	Exterior Sediment	13000	<4.4	12	30	0.58J	0.13J	37	7.2	22	20000	31	250	<0.178	24	4.3J	<1.4	0.18J	47	62	
SD-415	9/14/2023	Exterior Sediment	8400	<3.3	10	25	0.39J	0.12J	34	5.8	25	16000	29	190	0.1J	93	2.6J	<1	0.14J	260	51	
SD-416	9/12/2023	Exterior Intertidal / Soil	6400	2.9	25	29	0.3J	0.41	82	23	520	350000	260	1000	<0.092	780	1.6J	0.07J	0.11J	86	97	
SD-417	9/14/2023	Interior Intertidal / Soil	6800	7	38	150	0.59	3.2	160	48	1500	170000	920	810	2.44	2000	3.1	1.7	0.1J	12000	1000	
SD-418	9/14/2023	Interior Intertidal / Soil	11000	4	16	150	0.53	9.6	100	46	1100	73000	530	1000	48.6	2100	3.7	1.7	0.11J	5200	2100	
SD-419	9/13/2023	Interior Intertidal / Soil	4200	19	38	140	0.14J	24	400	36	560	360000	1400	3000	0.441	620	1.3J	0.29J	<0.53	990	3200	
BKD-SED-001	9/12/2023	Exterior Sediment	13000	<3.8	13	36	0.55J	0.2J	40	7.4	13	21000	21	330	0.112J	22	4.0J	<1.2	0.19J	40	63	
RACS	Leaching to Groundwater		100,000.00	19.00	0.83	8,600.00	1,100.00	7.60	0.37	15.00	1,600.00	19,000.00	50.00	1,600.00	1.80	1,400.00	29.00	44.00	0.78	4,800.00	21,000.00	
	Residential		100,000.00	43.00	9.30	21,000.00	210.00	9.80	4.20	32.00	4,300.00	75,000.00	200.00	2,600.00	3.10	2,100.00	540.00	540.00	1.10	540.00	32,000.00	
	Commercial Worker		100,000.00	640.00	41.00	100,000.00	3,200.00	140.00	89.00	480.00	64,000.00	100,000.00	440.00	38,000.00	3.10	32,000.00	8,000.00	8,000.00	16.00	8,000.00	100,000.00	
	Park User		100,000.00	120.00	26.00	61,000.00	610.00	28.00	12.00	91.00	12,000.00	100,000.00	420.00	7,300.00	3.10	6,100.00	1,500.00	1,500.00	3.00	1,500.00	91,000.00	
	Recreator Sediment		100,000.00	140.00	30.00	70,000.00	700.00	32.00	14.00	110.00	14,000.00	100,000.00	420.00	8,400.00	100,000.00	7,000.00	1,800.00	1,800.00	3.50	1,800.00	100,000.00	
	Construction Worker		27,000.00	130.00	54.00	20,000.00	110.00	42.00	46.00	100.00	14,000.00	100,000.00	460.00	280.00	3.10	990.00	1,700.00	1,700.00	14.00	490.00	100,000.00	
Background	Undeveloped				28.00	79.00		0.62		12.00	23.00		52.00	770.00		35.00				40.00	98.00	
	Rural Developed																					
	Urban Developed																					
	Urban Fill																					
SQuiRT	TEL				7.24	130.1		0.68	52.3		18.7		30.24		0.13	15.9			0.73			
	PEL				41.6			4.21	160		108		112		0.7	42.8			1.77			

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	Metals																			
			ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	VANADIUM	ZINC	
Effluent	EF-01	9/12/2023	Exterior	0.00504J	<0.004	<0.0005	0.01525	<0.0005	0.00008J	<0.001	<0.0005	0.01352	0.0208J	0.00043J	0.00502	<0.0002	0.02315	<0.005	<0.0004	<0.001	0.01088	0.04926
	EF-02	9/19/2023	Exterior	0.0253	0.0009J	0.0011	0.00608	<0.0005	0.00009J	0.00062J	0.00021J	0.00718	0.046J	0.00043J	0.00728	0.00017J	0.04722	<0.005	<0.0004	<0.001	0.4818	0.04002
	EF-04	9/12/2023	Interior	0.0412	0.00163J	0.0009	0.00821	<0.0005	0.00016J	0.00073J	0.0002J8	0.01857	0.11	0.00308	0.00557	0.00085	0.07191	<0.005	<0.0004	<0.001	1.144	0.03097
	EF-05	9/12/2023	Interior	0.0236	0.01118	0.00145	0.01098	<0.0005	0.00022	0.00495	0.00027J	0.03615	0.104	0.00404	0.00765	<0.0002	0.00521	<0.005	<0.0004	<0.001	0.3176	0.04514
	EF-06	9/13/2023	Interior	0.0435	0.0017J	0.00053	0.00731	<0.0005	0.00033	0.00104	0.00016J	0.01298	0.104	0.00394	0.00914	<0.0002	0.02171	<0.005	<0.0004	<0.001	0.03162	0.04409
	EF-07	9/13/2023	Interior	0.152	0.00225J	0.00152	0.01172	<0.0005	0.00089	0.00584	0.00096	0.0495	0.795	0.01455	0.02418	0.00012J	0.01014	<0.005	<0.0004	<0.001	0.101	0.1372
	EF-08	9/13/2023	Interior	0.114	0.00638	0.00133	0.01163	<0.0005	0.00129	0.00572	0.00055	0.02846	0.75	0.01153	0.02203	<0.0002	0.0079	<0.005	<0.0004	<0.001	0.1046	0.2027
	EF-09	9/13/2023	Exterior	0.0242	0.00912	0.00205	0.003	<0.0005	0.00008J	0.00418	<0.0005	0.02951	0.118	0.00368	0.00257	<0.0002	0.00532	<0.005	<0.0004	<0.001	0.6487	0.00826J
	RAGs	Residential		20	0.0078	0.00052	3.8	0.025	0.0018	0.00035	0.006	0.8	14	0.001	0.43	0.0063	0.39	0.1	0.094	0.0002	0.086	6
Construction Worker		100	2.1	5.8	100	1.4	0.94	0.69	81	100	100	37	0.0021	100	96	12	0.77	10	100			
SQuiRT	Acute		1.5	0.04	0.069	1	1.5	0.04	10		0.0048	0.3	0.21	0.0018	0.074	0.29	0.00095		2.13		0.09	
	Chronic		0.5	0.036	0.2	0.1	0.0088	0.0274	0.001	0.0031	0.05	0.0081	0.1	0.00094	0.0082	0.071		0.017	0.05	0.081		

MISC	TRENCH WATER - 01	9/13/2023	NA
	FLOOR SOLIDS 01	9/13/2023	NA

Notes: **BOLD TEXT** = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	PCB's											SVOC's									
			AROCLOR 1016	AROCLOR 1221	AROCLOR 1232	AROCLOR 1242	AROCLOR 1248	AROCLOR 1254	AROCLOR 1260	AROCLOR 1262	AROCLOR 1268	PCBS	1,2,4-TRICHLOROBENZENE	1,2-DICHLOROBENZENE	1,3-DICHLOROBENZENE	1-METHYL NAPHTHALENE	2,4,5-TRICHLOROPHENOL	2,4,6-TRICHLOROPHENOL	2,4-DICHLOROPHENOL	2,4-DIMETHYL PHENOL	2,4-DINITROPHENOL		
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<35.7	<35.7	<35.7	<35.7	<23.8	8.88J	15.2J	<11.9	7.69J	31.8J	<200	<200	<200	12	<200	<120	<180	<200	<200	<950	
SD-402	9/12/2023	Exterior Intertidal / Soil	<41.2	<41.2	<41.2	<41.2	<27.5	<41.2	29.6	<13.8	19.7	49.3	<230	<230	<230	830	<230	<140	<210	<230	<230	<1100	
SD-403	9/14/2023	Exterior Sediment	<36.2	<36.2	<36.2	<36.2	<24.1	12.2J	18.2J	<12	<12	30.4J	<200	<200	<200	680	<200	<120	<180	<200	<960		
SD-404	9/14/2023	Exterior Sediment	<96.8	<96.8	<96.8	<96.8	<64.5	<96.8	31.7J	<32.2	<32.2	31.7J	<550	<550	<550	18.0J	<550	<330	<490	<550	<2600		
SD-405	9/12/2023	Exterior Intertidal / Soil	<34.8	<34.8	<34.8	<34.8	<23.2	<34.8	16.6J	<11.6	9.07J	25.7J	<200	<200	<200	16.0J	<200	<120	<180	<200	<960		
SD-406	9/12/2023	Exterior Intertidal / Soil	<42.4	<42.4	<42.4	<42.4	<28.3	<42.4	539	<14.2	<14.2	539	<240	<240	<240	14	<240	<140	<210	<240	<1100		
SD-407	9/12/2023	Exterior Intertidal / Soil	<31.4	<31.4	<31.4	<31.4	<21	<31.4	<21	<10.5	<10.5	<10.5	<180	<180	<180	16	<180	<110	<160	<180	<880		
SD-409	9/13/2023	Exterior Intertidal / Soil	<35	<35	<35	<35	<23.4	<35	48.5J	<11.7	31.1J	79.6J	<200	<200	<200	3.6J	<200	<120	<180	<200	<960		
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<36	<36	<36	<36	<24	<36	24.7J	<12	<12J	24.7J	<200	<200	<200	4.6J	<200	<120	<180	<200	<980		
SD-410	9/13/2023	Exterior Intertidal / Soil	<34.6	<34.6	<34.6	<34.6	<23	<34.6	27.7	<11.5	<11.5	27.7	<200	<200	<200	29.0J	<200	<120	<180	<200	<950		
SD-411	9/12/2023	Exterior Intertidal / Soil	<37.5	<37.5	<37.5	<37.5	<25	<37.5	14.8J	<12.5	<12.5	14.8J	<210	<210	<210	87	<210	<130	<190	<210	<1000		
SD-412	9/12/2023	Exterior Intertidal / Soil	<33.4	<33.4	<33.4	<33.4	<22.2	<33.4	30.7	<11.1	<11.1	30.7	<200	<200	<200	5.8J	<200	<120	<180	<200	<940		
SD-414	9/14/2023	Exterior Sediment	<78.2	<78.2	<78.2	<78.2	<52.2	<78.2	<52.2	<26.1	<26.1	<26.1	<460	<460	<460	51	<460	<270	<410	<460	<2200		
SD-415	9/14/2023	Exterior Sediment	<59.5	<59.5	<59.5	<59.5	<39.6	<59.5	98.1	<19.8	<19.8	98.1	<350	<350	<350	32	<350	<210	<310	<350	<1700		
SD-416	9/12/2023	Exterior Intertidal / Soil	<42.8	<42.8	<42.8	<42.8	<28.5	<42.8	26.6J	<14.3	<14.3	26.6J	<240	<240	<240	34	<240	<140	<210	<240	<1100		
SD-417	9/14/2023	Interior Intertidal / Soil	<208	<208	<208	<208	<139	<208	4370	<69.4	<69.4	4370	<230	<230	<230	<180	<230	<140	<210	<230	<1100		
SD-418	9/14/2023	Interior Intertidal / Soil	<46	<46	<46	<46	<30.7	<46	1980	<15.4	<15.4	1980	<250	<250	<250	180.0J	<250	<150	<230	<250	<1200		
SD-419	9/13/2023	Interior Intertidal / Soil	<39.2	<39.2	<39.2	<39.2	<26.1	<39.2	417	<13.1	<13.1	417	<220	<220	<220	34.0J	<220	<130	<200	<220	<1000		
BKD-SED-001	9/12/2023	Exterior Sediment	<71	<71	<71	<71	<47.4	<71	<47.4	<23.7	<23.7	<23.7	<400	<400	<400	<16	<400	<240	<360	<400	<1900		
Leaching to Groundwater			7,400.00									3,800.00	640.00	16,000.00	16,000.00	3,300.00	220,000.00	640.00	1,200.00	23,000.00	2,400.00		
Residential			5,600.00									3,100.00	86,000.00	360,000.00	290,000.00	240,000.00	8,600,000.00	86,000.00	260,000.00	1,700,000.00	170,000.00		
Commercial Worker			70,000.00									13,000.00	380,000.00	380,000.00	300,000.00	990,000.00	100,000,000.00	1,100,000.00	3,400,000.00	22,000,000.00	2,200,000.00		
Park User			16,000.00									9,600.00	360,000.00	370,000.00	290,000.00	680,000.00	25,000,000.00	250,000.00	740,000.00	4,900,000.00	490,000.00		
Recreator Sediment			18,000.00									11,000.00	1,100,000.00	320,000,000.00	32,000,000.00	790,000.00	28,000,000.00	280,000.00	850,000.00	5,700,000.00	570,000.00		
Construction Worker			16,000.00									74,000.00	400,000.00	380,000.00	280,000.00	6,000,000.00	77,000,000.00	1,300,000.00	5,100,000.00	13,000,000.00	5,100,000.00		
Background																							
Undeveloped																							
Rural Developed																							
Urban Developed																							
Urban Fill																							
TEL												63.3	21.6										
PEL												709	189										

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	PCB's											SVOC's									
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
EF-01	9/12/2023	Exterior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-02	9/19/2023	Exterior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-04	9/12/2023	Interior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.102J	<0.25	0.059J	0.161J	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-05	9/12/2023	Interior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.109J	<0.25	<0.25	0.109J	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-06	9/13/2023	Interior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-07	9/13/2023	Interior	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	9.82	<1.25	<1.25	9.82	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-08	9/13/2023	Interior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.082J	<0.25	<0.25	0.082J	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
EF-09	9/13/2023	Exterior	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.076J	<0.25	<0.25	0.076J	<5	<2	<2	<0.1	<5	<5	<5	<5	<5	<20	
RAGs Residential			1.4									0.44	4	300	300	11	1200	12	46	360	39		
RAGs Construction Worker			350									67	140	12000	6200	8800	100000	3500	27000	100000	100000		
SQuiRT Acute												0.33	160	1970	1970		240					4850	
SQuiRT Chronic												0.3	5.4	42		11							

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	PCB's											SVOC's									
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
TRENCH WATER - 01	9/13/2023	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.051J	<0.25	0.039J	0.089J	<25	<10	<10	<0.5	<25	<25	<25	<25	<100	
FLOOR SOLIDS 01	9/13/2023	NA	<52.3	<52.3	<52.3	<52.3	<34.9	<52.3	1280	<17.4	<17.4	1280	<290	<290	<290	65.0J	<290	<180	<260	<290	<1400		

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	SVOCs																			
			2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL (O-CRESOL)	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-O-CRESOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYLPHENYL ETHER	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<200	<200	<7.9	<200	17	<200	<200	<430	<200	<200	<200	<520	<200	<200	<200	<200	<280	110	37	
SD-402	9/12/2023	Exterior Intertidal / Soil	<230	<230	<92	<230	1200	<230	<230	<500	<230	<230	<600	<230	<230	<230	<230	<230	<320	5500	100	
SD-403	9/14/2023	Exterior Sediment	<200	<200	<80	<200	1100	<200	<200	<430	<200	<200	<520	<200	<200	<200	<200	<280	4400	180	180	
SD-404	9/14/2023	Exterior Sediment	<550	<550	<22	<550	23	<550	<550	<1200	<550	<550	<1400	<550	<550	<550	<550	<770	140	47	47	
SD-405	9/12/2023	Exterior Intertidal / Soil	<200	<200	<40	<200	22.0J	<200	<200	<430	<200	<200	<520	<200	<200	<200	<200	<280	100	66	66	
SD-406	9/12/2023	Exterior Intertidal / Soil	<240	<240	<9.5	<240	16	<240	<240	<510	<240	<240	<620	<240	<240	<240	<240	<330	69	21	21	
SD-407	9/12/2023	Exterior Intertidal / Soil	<180	<180	<7.4	<180	24	<180	<180	<400	<180	<180	<480	<180	<180	<180	<180	<260	110	46	46	
SD-409	9/13/2023	Exterior Intertidal / Soil	<200	<200	<8	<200	4.3J	<200	<200	<430	<200	<200	<520	<200	<200	<200	<200	<280	34.0J	13	13	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<200	<200	<8.2	<200	5.5J	<200	<200	<440	<200	<200	<530	<200	<200	<200	<200	<290	<8.2J	13	13	
SD-410	9/13/2023	Exterior Intertidal / Soil	<200	<200	<80	<200	35.0J	<200	<200	<430	<200	<200	<520	<200	<200	<200	<200	<280	160	69.0J	69.0J	
SD-411	9/12/2023	Exterior Intertidal / Soil	<210	<210	<43	<210	140	<210	<210	<460	<210	<210	<560	<210	<210	<210	<210	<300	440	88	88	
SD-412	9/12/2023	Exterior Intertidal / Soil	<200	<200	<7.9	<200	6.9J	<200	<200	<420	<200	<200	<510	<200	<200	<200	<200	<280	25	50	50	
SD-414	9/14/2023	Exterior Sediment	<460	<460	<18	<460	51	<460	<460	<990	<460	<460	<1200	<460	<460	<460	<460	<640	450	91	91	
SD-415	9/14/2023	Exterior Sediment	<350	<350	<14	<350	40	<350	<350	<760	<350	<350	<910	<350	<350	<350	<350	<490	150	150	150	
SD-416	9/12/2023	Exterior Intertidal / Soil	<240	<240	<9.4	<240	37	<240	<240	<510	<240	<240	<610	<240	<240	<240	<240	<330	210	60	60	
SD-417	9/14/2023	Interior Intertidal / Soil	<230	<230	<180	<230	<180	<230	<230	<500	<230	<230	<600	<230	<230	<230	<230	<320	96.0J	67.0J	67.0J	
SD-418	9/14/2023	Interior Intertidal / Soil	<250	<250	<200	<250	220	<250	<250	<540	<250	<250	<650	<250	<250	<250	<250	<350	1000	160.0J	160.0J	
SD-419	9/13/2023	Interior Intertidal / Soil	<220	<220	<87	<220	46.0J	<220	<220	<470	<220	<220	<570	<220	<220	<220	<220	<300	320	56.0J	56.0J	
BKD-SED-001	9/12/2023	Exterior Sediment	<400	<400	<16	<400	<16	<400	<400	<870	<400	<400	<1000	<400	<400	<400	<400	<560	<16	12.0J	12.0J	
Leaching to Groundwater			180.00	37.00	210,000.00	4,900.00	10,000.00	41,000.00			450.00					86.00		870.00	300,000.00	290,000.00		
Residential			24,000.00	5,000.00	6,500,000.00	540,000.00	330,000.00	4,300,000.00			17,000.00					37,000.00		350,000.00	4,900,000.00	4,900,000.00		
Commercial Worker			100,000.00	21,000.00	82,000,000.00	8,000,000.00	4,100,000.00	56,000,000.00			70,000.00					160,000.00		1,600,000.00	62,000,000.00	45,000,000.00		
Park User			68,000.00	14,000.00	19,000,000.00	1,500,000.00	930,000.00	12,000,000.00			47,000.00					110,000.00		980,000.00	14,000,000.00	14,000,000.00		
Recreator Sediment			78,000.00	16,000.00	22,000,000.00	1,800,000.00	1,100,000.00	14,000,000.00			54,000.00					120,000.00		1,100,000.00	16,000,000.00	16,000,000.00		
Construction Worker			600,000.00	130,000.00	48,000,000.00	2,700,000.00	960,000.00	51,000,000.00			400,000.00					130,000.00		2,500,000.00	48,000,000.00	48,000,000.00		
Background							150.00												220.00	1,900.00		
Rural Developed							900.00												210.00	200.00		
Urban Developed							80.00												290.00	490.00		
Urban Fill																						
TEL							20.2												6.71	5.87		
PEL							201												128			

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L																			
			2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL (O-CRESOL)	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-O-CRESOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYLPHENYL ETHER	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	
EF-01	9/12/2023	Exterior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-02	9/19/2023	Exterior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-04	9/12/2023	Interior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-05	9/12/2023	Interior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-06	9/13/2023	Interior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-07	9/13/2023	Interior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	0.05J	
EF-08	9/13/2023	Interior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
EF-09	9/13/2023	Exterior	<5	<5	<0.2	<2	<0.1	<5	<5	<10	<5	<5	<10	<2	<2	<5	<2	<5	<10	<0.1	<0.1	
RAGs Residential			2.4	0.49	750	91	36	930			1.3			1500	3.7		38		540	520		
RAGs Construction Worker			15000	2700	81000	29000	1500	100000			2000			100000	2700		100000		74000	710000		
SQuiRT Acute			590		7.5		300							160				4850	970	300		
SQuiRT Chronic			370											129					40			

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L																			
			2,4-DINITROTOLUENE	2,6-DINITROTOLUENE	2-CHLORONAPHTHALENE	2-CHLOROPHENOL	2-METHYLNAPHTHALENE	2-METHYLPHENOL (O-CRESOL)	2-NITROANILINE	2-NITROPHENOL	3,3'-DICHLOROBENZIDINE	3-NITROANILINE	4,6-DINITRO-O-CRESOL	4-BROMOPHENYL PHENYL ETHER	4-CHLORO-3-METHYLPHENOL	4-CHLOROANILINE	4-CHLOROPHENYLPHENYL ETHER	4-NITROANILINE	4-NITROPHENOL	ACENAPHTHENE	ACENAPHTHYLENE	
TRENCH WATER - 01	9/13/2023	NA	<25	<25	<1	<10	<0.5	<25	<25	<50	<25	<25	<50	<10	<10	<25	<10	<25	<50	<0.5	<0.5	
FLOOR SOLIDS 01	9/13/2023	NA	<90	<90	<120	<90	49.0J	<90	<90	<630	<90	<90	<760	<90	<90	<90	<90	<90	<410	68.0J	27.0J	

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	SVOC's																			
			ANILINE	ANTHRACENE	AZOBENZENE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZOIC ACID	BENZYL ALCOHOL	BIPHENYL	BIS(2-ETHYLHEXYL) PHTHALATE	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-CHLOROISOPROPYL) ETHER	BUTYL BENZYL PHTHALATE	CARBAZOLE	CHRYSENE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<240	170	<200	<650	470	480	640	240	190	<640	<200	<450	<200	<210	<180	<240	<200	99.0J	460	
SD-402	9/12/2023	Exterior Intertidal / Soil	<280	7900	<230	<760	27000	26000	34000	13000	8500	<740	<230	400.0J	<230	<250	<210	<280	<230	5100	24000	
SD-403	9/14/2023	Exterior Sediment	<240	7100	<200	<660	14000	14000	15000	7100	4300	<650	<200	370.0J	<200	<220	<180	<240	<200	3300	13000	
SD-404	9/14/2023	Exterior Sediment	<660	270	<550	<1800	760	720	900	1000	320	<1800	<550	<1200	<550	<590	<490	<660	<550	180.0J	700	
SD-405	9/12/2023	Exterior Intertidal / Soil	<240	180	<200	<660	1100	1000	1400	420	440	<640	<200	<450	<200	<210	<180	<240	<200	130.0J	1000	
SD-406	9/12/2023	Exterior Intertidal / Soil	<280	450	<240	<790	2200	1300	1900	460	490	<770	<240	<540	<240	<260	<210	<280	<240	87.0J	1400	
SD-407	9/12/2023	Exterior Intertidal / Soil	<220	190	<180	<610	550	520	680	240	160	<600	<180	<420	<180	<200	<160	<220	<180	100.0J	470	
SD-409	9/13/2023	Exterior Intertidal / Soil	<240	220.0J	<200	<660	380.0J	250.0J	350.0J	460.0J	91.0J	<650	<200	<460	<200	<220	<180	<240	<200	26.0J	400	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<240	42.0J	<200	<670	110.0J	97.0J	160.0J	65.0J	56.0J	<660	<200	<470	<200	<220	<180	<240	<200	20.0J	110	
SD-410	9/13/2023	Exterior Intertidal / Soil	<240	940	<200	<660	2100	1500	1800	670	620	<640	<200	<450	<200	<210	<180	<240	<200	250	1800	
SD-411	9/12/2023	Exterior Intertidal / Soil	<260	670	<210	<710	1400	1300	1600	640	540	<690	<210	36.0J	<210	<230	<190	<260	<210	530	1300	
SD-412	9/12/2023	Exterior Intertidal / Soil	<240	110	<200	<650	280	240	290	99	100	<640	<200	<450	<200	<210	<180	<240	<200	33.0J	240	
SD-414	9/14/2023	Exterior Sediment	<550	710	<460	<1500	1600	910	1200	270	360	<1500	<460	<1000	<460	<490	<410	<550	<460	230.0J	1200	
SD-415	9/14/2023	Exterior Sediment	<420	380	<350	<1200	960	720	1200	280	360	<1100	<350	<800	<350	<380	<310	<420	<350	250.0J	1300	
SD-416	9/12/2023	Exterior Intertidal / Soil	<280	340	<240	<780	1200	1000	1400	400	400	<760	<240	<540	<240	<260	<210	<280	<240	180.0J	1200	
SD-417	9/14/2023	Interior Intertidal / Soil	<280	920	<230	<760	5300	3900	5000	1600	1700	<750	<230	<520	520	<250	<210	<280	<230	180.0J	4600	
SD-418	9/14/2023	Interior Intertidal / Soil	<300	2500	<250	<830	9100	9100	11000	4800	3300	<820	<250	59.0J	<250	<270	<230	<300	<250	1100	8500	
SD-419	9/13/2023	Interior Intertidal / Soil	<260	970	<220	<720	2300	2200	2900	1200	850	<710	<220	<500	290	<240	<200	<260	56.0J	570	2100	
BKD-SED-001	9/12/2023	Exterior Sediment	<480	12.0J	<400	<1300	34	36	38	30	13	<1300	<400	<920	<400	<430	<360	<480	<400	<400	33	
Leaching to Groundwater			2,500.00	3,200,000.00			5,800.00	16,000.00	170,000.00	100,000,000.00	1,600,000.00	830,000.00	26,000.00	480.00			2.00	130,000.00	15,000.00	5,000,000.00		
Residential			610,000.00	25,000,000.00			16,000.00	1,600.00	16,000.00	2,500,000.00	160,000.00	100,000,000.00	8,600,000.00	71,000.00			3,300.00	3,900,000.00	270,000.00	1,600,000.00		
Commercial Worker			5,500,000.00	100,000,000.00			280,000.00	29,000.00	290,000.00	23,000,000.00	2,900,000.00	100,000,000.00	100,000,000.00	300,000.00			15,000.00	17,000,000.00	110,000.00	29,000,000.00		
Park User			1,700,000.00	70,000.00			45,000.00	4,500.00	45,000.00	7,000,000.00	450,000.00	100,000,000.00	25,000,000.00	1,600,000.00			21,000.00	11,000,000.00	750,000.00	4,500,000.00		
Recreator Sediment			2,000,000.00	81,000,000.00			52,000.00	5,200.00	52,000.00	8,100,000.00	520,000.00	100,000,000.00	28,000,000.00	3,900,000.00			28,000.00	13,000,000.00	870,000.00	5,200,000.00		
Construction Worker			1,700,000.00	100,000,000.00			1,700,000.00	9,900.00	1,700,000.00	72,000,000.00	17,000,000.00	11,000,000.00	77,000,000.00	400,000.00			62,000.00	99,000,000.00	6,700,000.00	100,000,000.00		
Background	Undeveloped																					
	Rural Developed			2,300.00			17,000.00	5,400.00	6,900.00	3,000.00	3,600.00										32.00	
	Urban Developed			2,200.00			4,600.00	4,600.00	19,000.00	8,200.00	6,600.00										13.00	
	Urban Fill			3,700.00			16,000.00	16,000.00	34,000.00	6,000.00	14,000.00										21.00	
SQuiRT TEL			46.9			74.8	88.8							182							108	
SQuiRT PEL			245			693	763							2647							846	

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	ANILINE	ANTHRACENE	AZOBENZENE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZOIC ACID	BENZYL ALCOHOL	BIPHENYL	BIS(2-ETHYLHEXYL) PHTHALATE	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-CHLOROISOPROPYL) ETHER	BUTYL BENZYL PHTHALATE	CARBAZOLE	CHRYSENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
EF-01	9/12/2023	Exterior	<2J	0.04J	<2		0.02J	<0.1	<0.1	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
EF-02	9/19/2023	Exterior	<2J	<0.1	<2		0.02J	<0.1	<0.1	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
EF-04	9/12/2023	Interior	<2J	0.06J	<2		0.19	0.2	0.26	0.12	0.08J	<50	<2	<2	2.2J	<5	<2	<2	<5	<2	0.18
EF-05	9/12/2023	Interior	<2J	<0.1	<2		0.02J	<0.1	<0.1	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
EF-06	9/13/2023	Interior	<2J	<0.1	<2		<0.1	<0.1	<0.1	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
EF-07	9/13/2023	Interior	<2J	0.09J	<2		0.46	0.38	0.83	0.31	0.28	<50	<2	<2	<3	<5	<2	<2	<5	<2	0.6
EF-08	9/13/2023	Interior	<2J	<0.1	<2		0.04J	<0.1	0.04J	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
EF-09	9/13/2023	Exterior	<2J	<0.1	<2		0.02J	<0.1	0.03J	<0.1	<0.1	<50	<2	<2	<3	<5	<2	<2	<5	<2	<0.1
RAGs Residential			130	1800			0.3	0.25	2.5	600	25	75000	2000	0.83	56		0.14		160	15	250
RAGs Construction Worker			86000	100000			470	11000	100000	100000	100000	100000	100000	29	3700		54		100000	13000	100000
SQuiRT Acute				300			300	300	300	300	300				400	1200			2944		300
SQuiRT Chronic															360	6400			3.4		

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	ANILINE	ANTHRACENE	AZOBENZENE	BENZIDINE	BENZO(A)ANTHRACENE	BENZO(A)PYRENE	BENZO(B)FLUORANTHENE	BENZO(G,H,I)PERYLENE	BENZO(K)FLUORANTHENE	BENZOIC ACID	BENZYL ALCOHOL	BIPHENYL	BIS(2-ETHYLHEXYL) PHTHALATE	BIS(2-CHLOROETHOXY) METHANE	BIS(2-CHLOROETHYL) ETHER	BIS(2-CHLOROISOPROPYL) ETHER	BUTYL BENZYL PHTHALATE	CARBAZOLE	CHRYSENE
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
TRENCH WATER - 01	9/13/2023	NA	<10J	<0.5	<10		0.2J	<0.5	0.25J	<0.5	<0.5	<250	<10	<10	<15	<25	<10	<10	<25	<10	0.19J
FLOOR SOLIDS 01	9/13/2023	NA	<350	160	<90	<960	2100	1500	3400	1200	900	<940	<290	<660	4000	<320	<260	<350	920	360	2900

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	SVOCs																			
			DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	65	55.0J	<200	<200	<200	<200	1200	78	<7.9	<200	<570	<7.9	340	<180	<200	<180	<400	<200	<160	
SD-402	9/12/2023	Exterior Intertidal / Soil	2800	2800	<230	<230	<230	47000	4000	<92	<250	<660	<92	16000	<210	3600	<210	<460	<230	<180		
SD-403	9/14/2023	Exterior Sediment	1700	2500	<200	<200	<200	38000	4000	<80	<200	<570	<80	9400	<180	4000	<180	<400	<200	<160		
SD-404	9/14/2023	Exterior Sediment	120	65.0J	<550	<550	<550	2000	110	<22	<22	<1600	<22	780	<490	<4.3	<490	<1100	<550	<440		
SD-405	9/12/2023	Exterior Intertidal / Soil	100	53.0J	<200	<200	<200	1700	76	<40	<180	<570	<40	530	<180	<180	<180	<400	<200	<160		
SD-406	9/12/2023	Exterior Intertidal / Soil	140	29.0J	<240	<240	<240	4400	57	<9.5	<290	<680	<9.5	730	<210	<290	<210	<480	<240	<190		
SD-407	9/12/2023	Exterior Intertidal / Soil	65	52.0J	<180	<180	<180	1200	87	<7.4	<180	<530	<7.4	330	<160	84	<160	<370	<180	<150		
SD-409	9/13/2023	Exterior Intertidal / Soil	72.0J	<200	<200	<200	<200	760.0J	35.0J	<8	<180	<570	<8	430.0J	<180	<180	<180	<400	<200	<160		
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	14.0J	<200	<200	<200	<200	210.0J	17.0J	<8.2	<250	<580	<8.2	68.0J	<180	<250	<180	<410	<200	<160		
SD-410	9/13/2023	Exterior Intertidal / Soil	180	100.0J	<200	<200	<200	5400	180	<80	<190	<570	<80	860	<180	<190	<180	<400	<200	<160		
SD-411	9/12/2023	Exterior Intertidal / Soil	140	330	<210	<210	<210	3700	370	<43	<200	<610	<43	770	<190	<200	<190	<430	<210	<170		
SD-412	9/12/2023	Exterior Intertidal / Soil	28	<200	<200	<200	<200	560	33	<7.9	<190	<560	<7.9	130	<180	<190	<180	<390	<200	<160		
SD-414	9/14/2023	Exterior Sediment	76	370.0J	<460	<460	<460	5800	680	<18	<790	<1300	<18	380	<410	680.0J	<410	<910	<460	<360		
SD-415	9/14/2023	Exterior Sediment	64	120.0J	<350	<350	<350	4500	190	<14	<600	<1000	<14	390	<310	<600	<310	<700	<350	<280		
SD-416	9/12/2023	Exterior Intertidal / Soil	120	130.0J	<240	<240	<240	3200	240	<9.4	<290	<680	<9.4	590	<210	<290	<210	<470	<240	<190		
SD-417	9/14/2023	Interior Intertidal / Soil	460	63.0J	<230	<230	<230	9500	100.0J	<180	<250	<660	<180	2200	<210	<250	<210	<460	<230	<180		
SD-418	9/14/2023	Interior Intertidal / Soil	1200	500	<250	<250	<250	20000	880	<200	<280	<720	<200	6600	<230	<280	<230	<500	<250	<200		
SD-419	9/13/2023	Interior Intertidal / Soil	300	250	<220	<220	1200	4900	370	<87	<260	<620	<87	1600	<200	<260	<200	<440	<220	<170		
BKD-SED-001	9/12/2023	Exterior Sediment	4.8	<400	<400	<400	<400	56	3.4J	<16	<700	<1200	<16	28	<360	<700	<360	<800	<400	<320		
Leaching to Groundwater			53,000.00	8.00	330,000.00			4,900,000.00	300,000.00	68.00	150.00		110.00	540,000.00	14,000.00	210.00				37,000.00		
Residential			1,600.00	110,000.00	69,000,000.00			3,300,000.00	3,300,000.00	1,100.00	15,000.00		27,000.00	16,000.00	7,800,000.00	29,000.00				1,500,000.00		
Commercial Worker			29,000.00	1,600,000.00	100,000,000.00			41,000,000.00	41,000,000.00	14,000.00	16,000.00		120,000.00	290,000.00	33,000,000.00	120,000.00				6,400,000.00		
Park User			4,500.00	300,000.00	100,000,000.00			9,300,000.00	9,300,000.00	3,000.00	16,000.00		210,000.00	45,000.00	22,000,000.00	150,000.00				4,300,000.00		
Recreator Sediment			5,200.00	350,000.00	100,000,000.00			11,000,000.00	11,000,000.00	3,500.00	350,000.00		250,000.00	52,000.00	26,000,000.00	190,000.00				5,000,000.00		
Construction Worker			170,000.00	1,400,000.00	100,000,000.00			24,000,000.00	96,000,000.00	3,400.00	17,000.00		450,000.00	1,700,000.00	100,000,000.00	130,000.00				37,000,000.00		
Background	Undeveloped																					
	Rural Developed		730.00					59,000.00	670.00					7,300.00		5,000.00						
	Urban Developed		1,400.00					22,000.00	470.00					9,400.00		2,900.00						
	Urban Fill		460.00					30,000.00	640.00					9,700.00		200.00						
SQuiRT TEL			6.22					113	21.2							34.6						
SQuiRT PEL			135					1494	144							391						

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L																			
			DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	
EF-01	9/12/2023	Exterior	<0.1	<2	<5	<5	<5	<5	<0.1	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
EF-02	9/19/2023	Exterior	<0.1	<2	<5	<5	<5	<5	<0.1	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
EF-04	9/12/2023	Interior	<0.1	<2	<5	<5	<5	<5	0.42	<0.1	<0.8	<0.5	<20	<0.8	0.15	<5	<1	<2	<2	<5	<2	
EF-05	9/12/2023	Interior	<0.1	<2	<5	<5	<5	<5	<0.1	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
EF-06	9/13/2023	Interior	<0.1	<2	<5	<5	<5	<5	<0.1	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
EF-07	9/13/2023	Interior	0.09J	<2	<5	<5	<5	<5	0.87	<0.1	<0.8	<0.5	<20	<0.8	0.38	<5	<1	<2	<2	<5	<2	
EF-08	9/13/2023	Interior	<0.1	<2	<5	<5	<5	<5	0.07J	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
EF-09	9/13/2023	Exterior	<0.1	<2	<5	<5	<5	<5	0.05J	<0.1	<0.8	<0.5	<20	<0.8	<0.1	<5	<1	<2	<2	<5	<2	
RAGs Residential			0.25	7.9	15000			900	200	800	290	0.098	1.4		3.3	2.5	780	1.2			120	
RAGs Construction Worker			260000	1200	100000			100000	100000	100000	100000	13	230		470	100000	100000	19			100000	
SQuiRT Acute			300	2944	2944	2944	2944	2944	40	300	160	32	7	940	300	12900	2350	6680			3300000	
SQuiRT Chronic					3.4	3.4	3.4	3.4	11		129	3.2	0.7	94		1290	1.4	668				

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L																			
			DIBENZO(A,H)ANTHRACENE	DIBENZOFURAN	DIETHYL PHTHALATE	DIMETHYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	FLUORANTHENE	FLUORENE	HEXACHLOROBENZENE	HEXACHLOROBUTADIENE	HEXACHLOROCYCLOPENTADIENE	HEXACHLOROETHANE	INDENO(1,2,3-CD)PYRENE	ISOPHORONE	NAPHTHALENE	NITROBENZENE	N-NITROSODIMETHYLAMINE	N-NITROSO-DI-N-PROPYLAMINE	N-NITROSODIPHENYLAMINE	
TRENCH WATER - 01	9/13/2023	NA	<0.5	<10	<25	<25	<25	<25	0.42J	<0.5	<4	<2.5	<100	<4	<0.5	<25	<1	<10	<10	<25	<10	
FLOOR SOLIDS 01	9/13/2023	NA	330	97.0J	<290	<290	400	240.0J	5900	27.0J	<120	<450	<830	<120	1600	<260	<450	<260	<580	<290	<230	

Notes: BOLD TEXT = RAGs Exceedance [Red Box] = SQuiRT Exceedance [Blue Box] = Non Detect (Reported as the RL) [Grey Box] = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	SVOC's					VOC's														
			PHENANTHRENE	PHENOL	PYRENE	PYRIDINE	TOTAL CRESOLS	1,1,1,2-TETRACHLOROETHANE	1,1,1-TRICHLOROETHANE	1,1,2,2-TETRACHLOROETHANE	1,1,2-TRICHLOROETHANE	1,1-DICHLOROETHANE	1,1-DICHLOROETHYLENE	1,1-DICHLOROPROPENE	1,2,3-TRICHLOROBENZENE	1,2,3-TRICHLOROPROPANE	1,2,4-TRIMETHYLBENZENE	1,2-DIBROMOETHANE	1,2-DICHLOROETHANE	1,2-DICHLOROETHYLENE	1,2-DICHLOROPROPANE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	870	<200	950	<210	<280	<25	<25	<25	<50	<50	<50	<25	<99	<99	<99	<50	<50	<50	<50	
SD-402	9/12/2023	Exterior Intertidal / Soil	44000	<230	35000	<250	<330	<31	<31	<31	<62	<62	<62	<31	<120	<120	<120	<62	<62	<62	<62	
SD-403	9/14/2023	Exterior Sediment	29000	<200	31000	<220	<290	<25	<25	<25	<50	<50	<50	<25	<100	<100	<100	<50	<50	<50	<50	
SD-404	9/14/2023	Exterior Sediment	1200	<550	1600	<590	<790	<0.54	<0.54	<0.54	<1.1	<1.1	<1.1	<0.54	<2.2	<2.2	<2.2	<1.1	<1.1	<1.1	<1.1	
SD-405	9/12/2023	Exterior Intertidal / Soil	1000	<200	1400	<210	<290	<23	<23	<23	<46	<46	<46	<23	<92	<92	<92	<46	<46	<46	<46	
SD-406	9/12/2023	Exterior Intertidal / Soil	1300	<240	3400	<260	<340	<36	<36	<36	<72	<72	<72	<36	<140	<140	<140	<72	<72	<72	<72	
SD-407	9/12/2023	Exterior Intertidal / Soil	810	<180	920	<200	<260	<23	<23	<23	<46	<46	<46	<23	<92	<92	<92	<46	<46	<46	<46	
SD-409	9/13/2023	Exterior Intertidal / Soil	370.0J	<200	600.0J	<220	<290	<23	<23	<23	<45	<45	<45	<23	<90	<90	<90	<45	<45	<45	<45	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	150.0J	<200	170.0J	<220	<290	<31	<31	<31	<62	<62	<62	<31	<120	<120	<120	<62	<62	<62	<62	
SD-410	9/13/2023	Exterior Intertidal / Soil	3200	<200	4300	<210	<290	<24	<24	<24	<48	<48	<48	<24	<97	<97	<97	<48	<48	<48	<48	
SD-411	9/12/2023	Exterior Intertidal / Soil	3400	<210	2900	<230	<310	<25	<25	<25	<51	<51	<51	<25	<100	<100	<100	<51	<51	<51	<51	
SD-412	9/12/2023	Exterior Intertidal / Soil	290	<200	540	<210	<280	<24	<24	<24	<48	<48	<48	<24	<95	<95	<95	<48	<48	<48	<48	
SD-414	9/14/2023	Exterior Sediment	4700	<460	4200	<490	<660	<98	<98	<98	<200	<200	<200	<98	<390	<390	<390	<200	<200	<200	<200	
SD-415	9/14/2023	Exterior Sediment	2500	<350	3200	<380	<500	<75	<75	<75	<150	<150	<150	<75	<300	<300	<300	<150	<150	<150	<150	
SD-416	9/12/2023	Exterior Intertidal / Soil	2700	<240	2600	<260	<340	<37	<37	<37	<74	<74	<74	<37	<150	<150	<150	<74	<74	<74	<74	
SD-417	9/14/2023	Interior Intertidal / Soil	1600	<230	7900	<250	<330	<32	<32	<32	<63	<63	<63	<32	<130	<130	<130	<63	<63	<63	<63	
SD-418	9/14/2023	Interior Intertidal / Soil	10000	<250	16000	<270	<360	<36	54.0J	<36	<71	<71	<71	<36	<140	<140	<140	<71	<71	<71	<71	
SD-419	9/13/2023	Interior Intertidal / Soil	3000	33.0J	3900	<240	92.0J	<33	<33	<33	<65	<65	<65	<33	<130	<130	<130	<65	<65	<65	<65	
BKD-SED-001	9/12/2023	Exterior Sediment	24	<400	54	<430	<580	<88	<88	<88	<180	<180	<180	<88	<350	<350	<350	<180	<180	<180	<180	
Leaching to Groundwater			320,000.00	180,000.00	720,000.00			120.00	150,000.00	16.00	7.40	430.00	5,600.00		1,200.00	0.18	4,400.00	1.20	27.00		150.00	
Residential			2,500,000.00	26,000,000.00	2,500,000.00			30,000.00	640,000.00	8,900.00	2,200.00	53,000.00	340,000.00		86,000.00	70.00	180,000.00	540.00	6,900.00		23,000.00	
Commercial Worker			23,000,000.00	100,000,000.00	31,000,000.00			130,000.00	640,000.00	39,000.00	9,400.00	230,000.00	1,200,000.00		1,300,000.00	1,500.00	220,000.00	2,400.00	30,000.00		99,000.00	
Park User			7,000,000.00	74,000,000.00	7,000,000.00			410,000.00	640,000.00	88,000.00	49,000.00	980,000.00	1,100,000.00		240,000.00	200.00	200,000.00	6,800.00	110,000.00		420,000.00	
Recreator Sediment			8,100,000.00	85,000,000.00	8,100,000.00			1,200,000.00	100,000,000.00	160,000.00	550,000.00	5,500,000.00	18,000,000.00		280,000.00	230.00	3,500,000.00	16,000.00	340,000.00		840,000.00	
Construction Worker			72,000,000.00	100,000,000.00	72,000,000.00			480,000.00	640,000.00	150,000.00	68,000.00	850,000.00	4,200.00		2,700,000.00	4,300.00	220,000.00	8,900.00	110,000.00		32,000.00	
Background			Undeveloped																			
			Rural Developed	54,000.00		33,000.00																
			Urban Developed	11,000.00		20,000.00																
			Urban Fill	18,000.00		28,000.00																
SQuiRT TEL			86.7		153																	
SQuiRT PEL			544		1398																	

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
			UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
EF-01	9/12/2023	Exterior	<0.1	<5	<0.1	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-02	9/19/2023	Exterior	<0.1	<5	<0.1	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-04	9/12/2023	Interior	0.22	<5	0.35	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-05	9/12/2023	Interior	0.02J	<5	<0.1	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-06	9/13/2023	Interior	<0.1	<5	<0.1	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-07	9/13/2023	Interior	0.28	<5	0.72	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-08	9/13/2023	Interior	0.04J	<5	0.06J	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
EF-09	9/13/2023	Exterior	0.02J	<5	<0.1	<5	<0.5	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
RAGs Residential			180	5800	120			5.7	8000	0.76	0.42	28	290		7	0.0075	56	0.075	1.7		1.7
RAGs Construction Worker			58000	100000	36000			620	29000	90	12	2200	960		2900	2.1	1000	8.7	140		140
SQuiRT Acute			7.7	5800	300			31200	9020										113000		10300
SQuiRT Chronic			4.6	400				3120	902		1900								11300		3040

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
TRENCH WATER - 01	9/13/2023	NA	0.26J	<25	0.34J			<25	<0.5	<0.5	<0.5	<0.75	<0.75	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
FLOOR SOLIDS 01	9/13/2023	NA	2700	66.0J	4100			<320	<420	<56	<56	<56	<110	<110	<110	<56	<220	<220	<220	<110	<110	<110

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	VOC's																			
			1,3,5-TRICHLOROBENZENE	1,3,5-TRIMETHYLBENZENE	1,3-DICHLOROPROPANE	1,4-DICHLOROBENZENE	2,2-DICHLOROPROPANE	2-BUTANONE (MEK)	2-CHLOROTOLUENE	4-CHLOROTOLUENE	4-METHYL-2-PENTANONE (MIBK)	ACETONE	BENZENE	BROMOBENZENE	BROMOCHLOROMETHANE	BROMODICHLOROMETHANE	BROMOFORM	BROMOMETHANE	CARBON DISULFIDE	CARBON TETRACHLORIDE	CHLOROBENZENE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<99	<99	<99	<200	<99	<500	<99	<99	<500	<500	<25	<99	<99	<25	<200	<99	<500	<50	<25	
SD-402	9/12/2023	Exterior Intertidal / Soil	<120	<120	<120	<230	<120	<620	<120	<120	<620	<620	<31	<120	<120	<31	<250	<120	<620	<62	<31	
SD-403	9/14/2023	Exterior Sediment	<100	<100	<100	<200	<100	<500	<100	<100	<500	<500	<25	<100	<100	<25	<200	<100	<500	<50	<25	
SD-404	9/14/2023	Exterior Sediment	<2.2	<2.2	<2.2	<550	<2.2	8.2J	<2.2	<2.2	<11	68	<0.54	<2.2	<2.2	<0.54	<4.3	<2.2	<11	<1.1	<0.54	
SD-405	9/12/2023	Exterior Intertidal / Soil	<92	<92	<92	<200	<92	<460	<92	<92	<460	<460	<23	<92	<92	<23	<180	<92	<460	<46	<23	
SD-406	9/12/2023	Exterior Intertidal / Soil	<140	<140	<140	<240	<140	<720	<140	<140	<720	<720	<36	<140	<140	<36	<290	<140	<720	<72	<36	
SD-407	9/12/2023	Exterior Intertidal / Soil	<92	<92	<92	<180	<92	<460	<92	<92	<460	<460	<23	<92	<92	<23	<180	<92	<460	<46	<23	
SD-409	9/13/2023	Exterior Intertidal / Soil	<90	<90	<90	<200	<90	<450	<90	<90	<450	<450	<23	<90	<90	<23	<180	<90	<450	<45	<23	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<120	<120	<120	<200	<120	<620	<120	<120	<620	<620	<31	<120	<120	<31	<250	<120	<620	<62	<31	
SD-410	9/13/2023	Exterior Intertidal / Soil	<97	<97	<97	<200	<97	<480	<97	<97	<480	<480	<24	<97	<97	<24	<190	<97	<480	<48	<24	
SD-411	9/12/2023	Exterior Intertidal / Soil	<100	<100	<100	<210	<100	<510	<100	<100	<510	<510	<25	<100	<100	<25	<200	<100	<510	<51	<25	
SD-412	9/12/2023	Exterior Intertidal / Soil	<95	<95	<95	<200	<95	<480	<95	<95	<480	<480	<24	<95	<95	<24	<190	<95	<480	<48	<24	
SD-414	9/14/2023	Exterior Sediment	<390	<390	<390	<460	<390	<2000	<390	<390	<2000	<2000	<98	<390	<390	<98	<790	<390	<2000	<200	<98	
SD-415	9/14/2023	Exterior Sediment	<300	<300	<300	<350	<300	<1500	<300	<300	<1500	<1500	<75	<300	<300	<75	<600	<300	<1500	<150	<75	
SD-416	9/12/2023	Exterior Intertidal / Soil	<150	<150	<150	<240	<150	<740	<150	<150	<740	<740	<37	<150	<150	<37	<290	<150	<740	<74	<37	
SD-417	9/14/2023	Interior Intertidal / Soil	<130	<130	<130	<230	<130	<630	<130	<130	<630	<630	<32	<130	<130	<32	<250	<130	<630	<63	<32	
SD-418	9/14/2023	Interior Intertidal / Soil	<140	<140	<140	<250	<140	<710	<140	<140	<710	<710	<36	<140	<140	<36	<280	<140	<710	<71	<36	
SD-419	9/13/2023	Interior Intertidal / Soil	<130	<130	<130	<220	<130	<650	<130	<130	<650	<650	<33	<130	<130	<33	<260	<130	<650	<65	<33	
BKD-SED-001	9/12/2023	Exterior Sediment	<350	<350	<350	<400	<350	<1800	<350	<350	<1800	<1800	<88	<350	<350	<88	<700	<350	<1800	<180	<88	
Leaching to Groundwater				4,800.00	7,100.00	250.00			13,000.00	13,000.00	78,000.00	200,000.00	130.00	2,300.00	1,100.00	20.00	480.00	110.00	13,000.00	97.00	2,900.00	
Residential				160,000.00	2,100,000.00	39,000.00			2,100,000.00	2,100,000.00	3,400,000.00	96,000,000.00	17,000.00	380,000.00	220,000.00	4,400.00	280,000.00	10,000.00	690,000.00	9,700.00	410,000.00	
Commercial Worker				180,000.00	32,000,000.00	170,000.00			32,000,000.00	32,000,000.00	3,400,000.00	100,000,000.00	75,000.00	650,000.00	940,000.00	19,000.00	790,000.00	45,000.00	740,000.00	43,000.00	740,000.00	
Park User				170,000.00	6,100,000.00	770,000.00			6,100,000.00	6,100,000.00	3,400,000.00	100,000,000.00	230,000.00	530,000.00	4,000,000.00	83,000.00	720,000.00	160,000.00	720,000.00	150,000.00	680,000.00	
Recreator Sediment				3,500,000.00	7,000,000.00	5,800,000.00			7,000,000.00	7,000,000.00	100,000,000.00	100,000,000.00	570,000.00	2,800,000.00	100,000,000.00	500,000.00	4,000,000.00	490,000.00	35,000,000.00	450,000.00	7,000,000.00	
Construction Worker				180,000.00	68,000,000.00	620,000.00			800,000.00	68,000,000.00	3,300,000.00	100,000,000.00	240,000.00	620,000.00	330,000.00	70,000.00	890,000.00	120,000.00	720,000.00	160,000.00	740,000.00	
Background			Undeveloped																			
			Rural Developed																			
			Urban Developed																			
			Urban Fill																			
SQuiRT			TEL																			
			PEL																			

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
			EF-01	9/12/2023	Exterior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1
EF-02	9/19/2023	Exterior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-04	9/12/2023	Interior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-05	9/12/2023	Interior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-06	9/13/2023	Interior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-07	9/13/2023	Interior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-08	9/13/2023	Interior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
EF-09	9/13/2023	Exterior	<1	<1	<1	<2	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1	<0.5	<0.5
RAGs	Residential			60	370	4.8		5600	240	250	6300	14000	4.6	62	83	1.3	33	7.6	810	4.6	78
	Construction Worker			1100	100000	400		9000	3300	100000	5800	100000	350	1200	600	130	5500	490	3100	700	2600
SQuiRT	Acute				790	1970							5100			1200					50000
	Chronic					129							110			6400					5000

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
			TRENCH WATER - 01	9/13/2023	NA	<1	<1	<1	<10	<1	<5	<1	<1	<5	<5	<0.5	<1	<1	<0.5	<1	<1	<1
FLOOR SOLIDS 01	9/13/2023	NA	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
			<220	<220	<220	<290	<220	<1100	<220	<220	<1100	<1100	<56	<220	<220	<56	<450	<220	<1100	<110	<56	

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	VOC's																			
			CHLOROETHANE	CHLOROFORM	CHLOROMETHANE	CIS-1,2-DICHLOROETHENE	DIBROMOCHLOROMETHANE	DIBROMOMETHANE	DICHLORODIFLUOROMETHANE	DIETHYL ETHER	DI-ISOPROPYL ETHER	ETHYL T-BUTYL ETHER	ETHYLBENZENE	ISOPROPYL BENZENE	M-P-XYLENE	METHYL BUTYL KETONE	METHYLENE CHLORIDE	METHYL-TERT-BUTYL ETHER (MTBE)	N-BUTYLBENZENE	N-PROPYLBENZENE	O-XYLENE	
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
SD-401	9/12/2023	Exterior Intertidal / Soil	<99	<74	<200	<50	<50	<99	<500	<99	<99	<50	<50	<99	<500	<250	<99	<50	<50	<50	<50	
SD-402	9/12/2023	Exterior Intertidal / Soil	<120	<93	<250	<62	<62	<120	<620	<120	<120	<62	<62	<120	<620	<310	<120	<62	<62	<62	<62	
SD-403	9/14/2023	Exterior Sediment	<100	<76	<200	<50	<50	<100	<500	<100	<100	<50	<50	<100	<500	<250	<100	<50	<50	<50	<50	
SD-404	9/14/2023	Exterior Sediment	<2.2	<1.6	<4.3	<1.1	<1.1	<2.2	<11	<2.2	<2.2	<2.2	<1.1	<1.1	<2.2	<11	<5.4	<2.2	<1.1	<1.1	<1.1	
SD-405	9/12/2023	Exterior Intertidal / Soil	<92	<69	<180	<46	<46	<92	<460	<92	<92	<46	<46	<92	<460	<230	<92	<46	<46	<46	<46	
SD-406	9/12/2023	Exterior Intertidal / Soil	<140	<110	<290	<72	<72	<140	<720	<140	<140	<72	<72	<140	<720	<360	<140	<72	<72	<72	<72	
SD-407	9/12/2023	Exterior Intertidal / Soil	<92	<69	<180	<46	<46	<92	<460	<92	<92	<46	<46	<92	<460	<230	<92	<46	<46	<46	<46	
SD-409	9/13/2023	Exterior Intertidal / Soil	<90	<68	<180	<45	<45	<90	<450	<90	<90	<45	<45	<90	<450.J	<230	<90	<45	<45	<45	<45	
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<120	<93	<250	<62	<62	<120	<620	<120	<120	<62	<62	<120	<620	<310	<120	<62	<62	<62	<62	
SD-410	9/13/2023	Exterior Intertidal / Soil	<97	<73	<190	<48	<48	<97	<480	<97	<97	<48	<48	<97	<480	<240	<97	<48	<48	<48	<48	
SD-411	9/12/2023	Exterior Intertidal / Soil	<100	<76	<200	<51	<51	<100	<510	<100	<100	<51	<51	<100	<510	<250	<100	<51	<51	<51	<51	
SD-412	9/12/2023	Exterior Intertidal / Soil	<95	<71	<190	<48	<48	<95	<480	<95	<95	<48	<48	<95	<480	<240	<95	<48	<48	<48	<48	
SD-414	9/14/2023	Exterior Sediment	<390	<300	<790	<200	<200	<390	<2000	<390	<390	<200	<200	<390	<2000	<980	<390	<200	<200	<200	<200	
SD-415	9/14/2023	Exterior Sediment	<300	<220	<600	<150	<150	<300	<1500	<300	<300	<150	<150	<300	<1500	<750	<300	<150	<150	<150	<150	
SD-416	9/12/2023	Exterior Intertidal / Soil	<150	<110	<290	<74	<74	<150	<740	<150	<150	<74	<74	<150	<740	<370	<150	<74	<74	<74	<74	
SD-417	9/14/2023	Interior Intertidal / Soil	<130	<94	<250	<63	<63	<130	<630	<130	<130	<63	<63	<130	<630	<320	<130	<63	<63	<63	<63	
SD-418	9/14/2023	Interior Intertidal / Soil	<140	<110	<280	<71	<71	<140	<710	<140	<140	<71	<71	<140	<710	<360	<140	<71	<71	<71	<71	
SD-419	9/13/2023	Interior Intertidal / Soil	<130	<98	<260	<65	<65	<130	<650	<130	<130	<65	<65	<130	<650.J	<330	<130	<65	<65	<65	<65	
BKD-SED-001	9/12/2023	Exterior Sediment	<350	<260	<700	<180	<180	<350	<1800	<350	<350	<180	<180	<350	<1800	<880	<350	<180	<180	<180	<180	
Leaching to Groundwater				34.00	2,700.00		130.00	110.00	17,000.00		21,000.00	9,600.00	900.00			1,500.00	1,800.00	180,000.00				
Residential				4,700.00	160,000.00		110,000.00	35,000.00	130,000.00		2,300,000.00	1,900,000.00	86,000.00			490,000.00	690,000.00	5,400,000.00				
Commercial Worker				21,000.00	690,000.00		530,000.00	150,000.00	550,000.00		2,300,000.00	2,900,000.00	380,000.00			2,500,000.00	3,000,000.00	80,000,000.00				
Park User				97,000.00	1,300,000.00		320,000.00	800,000.00	830,000.00		2,300,000.00	2,800,000.00	400,000.00			1,200,000.00	5,600,000.00	15,000,000.00				
Recreator Sediment				1,000,000.00	100,000,000.00		370,000.00	100,000,000.00	70,000,000.00		100,000,000.00	100,000,000.00	2,800,000.00			17,000,000.00	18,000,000.00	18,000,000.00				
Construction Worker				75,000.00	1,300,000.00		3,000,000.00	190,000.00	730,000.00		2,000,000.00	2,900,000.00	470,000.00			1,900,000.00	8,300,000.00	34,000,000.00				
Background		Undeveloped																				
		Rural Developed																				
		Urban Developed																				
		Urban Fill																				
SQuiRT	TEL																					
	PEL																					

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
			EF-01	9/12/2023	Exterior	<1	<0.75	<2	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1
EF-02	9/19/2023	Exterior	<1	<0.75	0.41J	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-04	9/12/2023	Interior	<1	<0.75	<2	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-05	9/12/2023	Interior	<1	<0.75	0.49J	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-06	9/13/2023	Interior	<1	<0.75	1.0J	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-07	9/13/2023	Interior	<1	<0.75	0.48J	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-08	9/13/2023	Interior	<1	<0.75	0.48J	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
EF-09	9/13/2023	Exterior	<1	<0.75	<2	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1	<0.5	<0.5	<1
RAGs	Residential		21000	2.2	190	35	8.7	8.3	200	3900	1500		15	450		38	110	140	1000	660	
	Construction Worker		16000	170	11000	3700	53000	280	5400	14000	3700		1400	500		240	4900	13000	100000	4900	
SQuiRT	Acute					224000	12000						430				12000				
	Chronic					6400							25				6400	5000			

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
			TRENCH WATER - 01	9/13/2023	NA	<1	<0.75	<2	<0.5	<0.5	<1	<2	<1	<1	<1	<0.5	<0.5	<1	<5	<3	<1
FLOOR SOLIDS 01	9/13/2023	NA	<220	<170	<450	<110	<110	<220	<1100	<220	<220	<110	<110	<220	<1100.J	<560	<220	<110	<110	<110	<110

Notes: BOLD TEXT = RAGs Exceedance

 = SQuiRT Exceedance

 = Non Detect (Reported as the RL)

 = Concentrations between the RL & DL

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	VOC's														
			P-ISOPROPYLTOLUENE	SEC-BUTYLBENZENE	STYRENE	T-AMYL METHYL ETHER (TAME)	TERT-BUTYLBENZENE	TETRACHLOROETHYLENE	TETRAHYDROFURAN	TOLUENE	TOTAL XYLENE	TRANS-1,2-DICHLOROETHENE	TRICHLOROETHYLENE	TRICHLOROFUOROMETHANE	VINYL CHLORIDE		
			UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
SD-401	9/12/2023	Exterior Intertidal / Soil	<50	<50	<50	<99	<99	<25	<200	<50	<74	<25	<200	<50			
SD-402	9/12/2023	Exterior Intertidal / Soil	<62	<62	<62	<120	<120	<31	<250	<62	<93	<31	<250.J	<62			
SD-403	9/14/2023	Exterior Sediment	<50	<50	<50	<100	<100	<25	<200	<50	<50	<25	<200	<50			
SD-404	9/14/2023	Exterior Sediment	<1.1	<1.1	<1.1	<2.2	<2.2	<0.54	<4.3	<1.1	<1.1	<1.6	<0.54	<4.3	<1.1		
SD-405	9/12/2023	Exterior Intertidal / Soil	<46	<46	<46	<92	<92	<23	<180	<46	<46	<69	<23	<180	<46		
SD-406	9/12/2023	Exterior Intertidal / Soil	<72	<72	<72	<140	<140	<36	<290	<72	<72	<110	11.0J	<290	<72		
SD-407	9/12/2023	Exterior Intertidal / Soil	<46	<46	<46	<92	<92	<23	<180	<46	<46	<69	<23	<180	<46		
SD-409	9/13/2023	Exterior Intertidal / Soil	36.0J	<45	<45	<90	<90	<23	<180	<45	<45	<68	<23	<180	<45		
SD-409 DUP	9/13/2023	Exterior Intertidal / Soil	<62	<62	<62	<120	<120	<31	<250	<62	<62	<93	<31	<250	<62		
SD-410	9/13/2023	Exterior Intertidal / Soil	<48	<48	<48	<97	<97	<24	<190	<48	<48	<73	<24	<190	<48		
SD-411	9/12/2023	Exterior Intertidal / Soil	<51	<51	<51	<100	<100	<25	<200	<51	<51	<76	<25	<200	<51		
SD-412	9/12/2023	Exterior Intertidal / Soil	6.4J	<48	<48	<95	<95	<24	<190	<48	<48	<71	<24	<190	<48		
SD-414	9/14/2023	Exterior Sediment	<200	<200	<200	<390	<390	<98	<790	<200	<200	<300	<98	<790	<200		
SD-415	9/14/2023	Exterior Sediment	<150	<150	<150	<300	<300	<75	<600	<150	<150	<220	<75	<600	<150		
SD-416	9/12/2023	Exterior Intertidal / Soil	<74	<74	<74	<150	<150	<37	<290	<74	<74	<110	<37	<290	<74		
SD-417	9/14/2023	Interior Intertidal / Soil	<63	<63	<63	<130	<130	<32	<250	<63	<63	<94	<32	<250	<63		
SD-418	9/14/2023	Interior Intertidal / Soil	<71	<71	<71	<140	<140	<36	<280	<71	<71	<110	<36	<280	<71		
SD-419	9/13/2023	Interior Intertidal / Soil	<65	<65	<65	<130	<130	<33	<260	<65	<65	<98	<33	<260	<65		
BKD-SED-001	9/12/2023	Exterior Sediment	<180	<180	<180	<350	<350	<88	<700	<180	<180	<260	<88	<700	<180		
Leaching to Groundwater				320,000.00	73,000.00			1,000.00	41,000.00	42,000.00	11,000.00		56.00	180,000.00	3.60		
Residential				11,000,000.00	830,000.00			120,000.00	27,000,000.00	750,000.00	260,000.00		6,100.00	32,000,000.00	640.00		
Commercial Worker				100,000,000.00	870,000.00			160,000.00	100,000,000.00	810,000.00	260,000.00		28,000.00	100,000,000.00	24,000.00		
Park User				30,000,000.00	860,000.00			150,000.00	100,000,000.00	790,000.00	260,000.00		77,000.00	91,000,000.00	710.00		
Recreator Sediment				35,000,000.00	70,000,000.00			2,100,000.00	100,000,000.00	28,000,000.00	70,000,000.00		180,000.00	100,000,000.00	710.00		
Construction Worker				34,000,000.00	860,000.00			84,000.00	20,000,000.00	820,000.00	260,000.00		42,000.00	940,000.00	80,000.00		
Background		Undeveloped															
		Rural Developed															
		Urban Developed															
		Urban Fill															
SQuiRT	TEL																
	PEL																

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	
			EF-01	9/12/2023	Exterior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5
EF-02	9/19/2023	Exterior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-04	9/12/2023	Interior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-05	9/12/2023	Interior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-06	9/13/2023	Interior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-07	9/13/2023	Interior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-08	9/13/2023	Interior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	<0.5	<1	<0.2	
EF-09	9/13/2023	Exterior	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75	0.2J	<1	<0.2	
RAGs	Residential			2000	1200			690	41	3400	1100	190	68	2.8	5200	0.19
	Construction Worker			100000	15000			25000	250	16000	24000	2100	3900	12	5900	0.22
SQuiRT	Acute								10200		6300		224000	2000	12000	
	Chronic								450		215			20	6400	

SAMPLE_TYPE	SAMPLE_DATE	SAMPLE_LOCATION	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L
			TRENCH WATER - 01	9/13/2023	NA	<0.5	<0.5	<1	<1	<1	<0.5	<2	<0.75	<1	<0.75
FLOOR SOLIDS 01	9/13/2023	NA	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
			<110	<110	<110	<220	<220	<56	<450	<110	<110	<170	<56	<450	<110

Notes: BOLD TEXT = RAGs Exceedance = SQuiRT Exceedance = Non Detect (Reported as the RL) = Concentrations between the RL & DL



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Figures

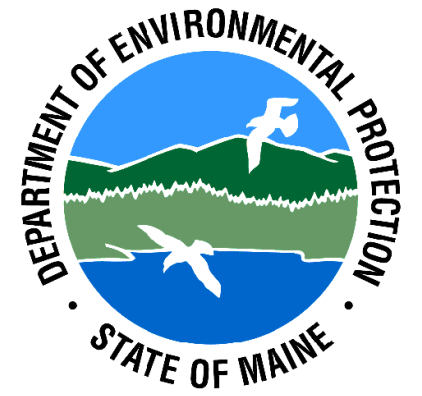
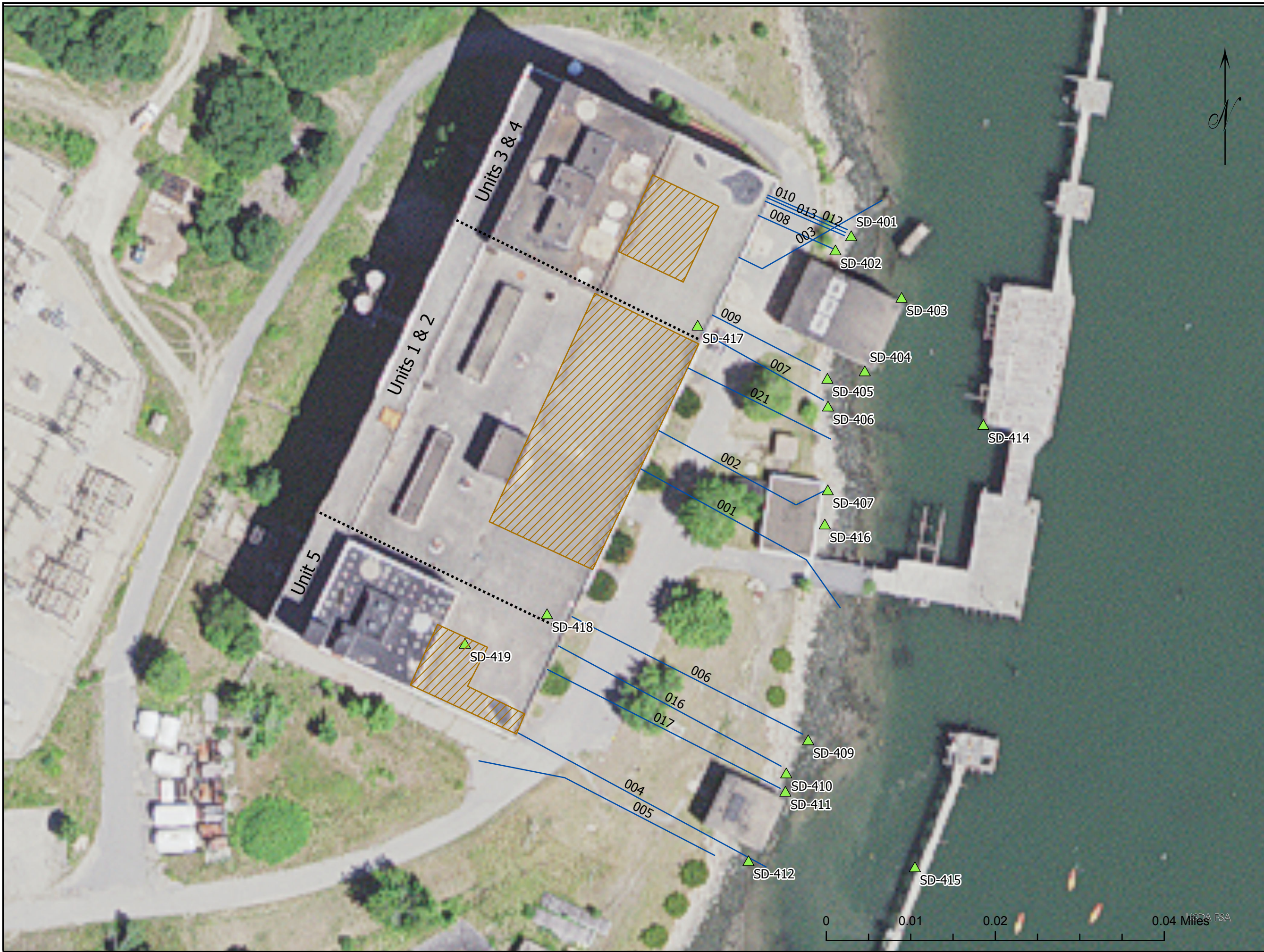


Figure 1
Mason Station
Power House Site
Sediment Samples



- Legend**
- Outfall_Pipes
 - ▲ Sediment_Samples
 - Power House Building Units
 - ▨ Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.

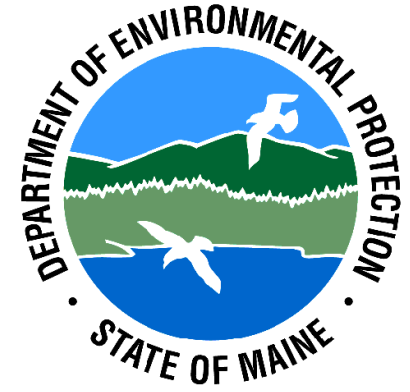
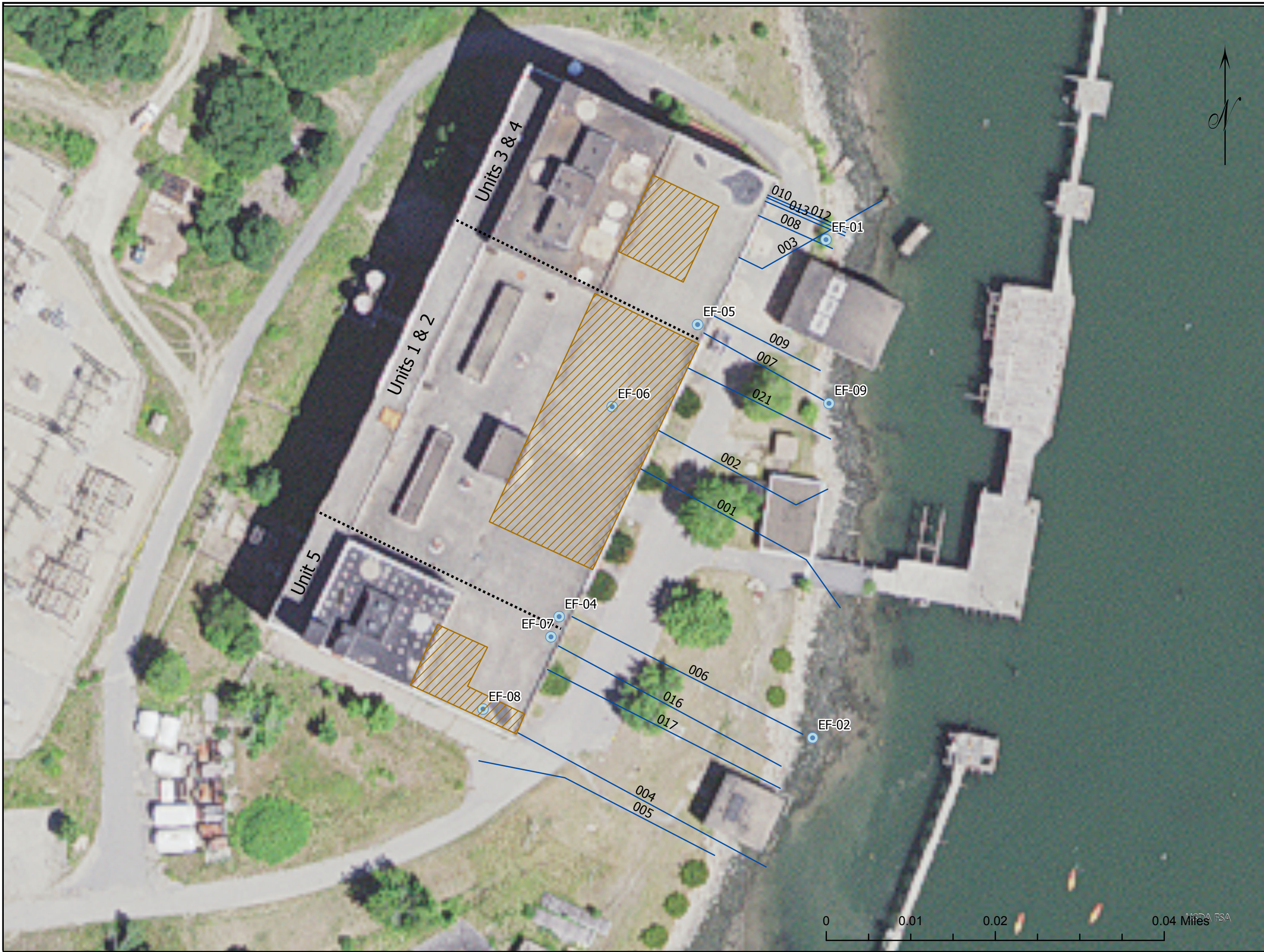


Figure 2
Mason Station
Power House Site
Effluent Samples

- Legend**
- Outfall_Pipes
 - Effluent_Samples
 - Power House Building Units
 - ▨ Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.

0 0.01 0.02 0.04 Miles

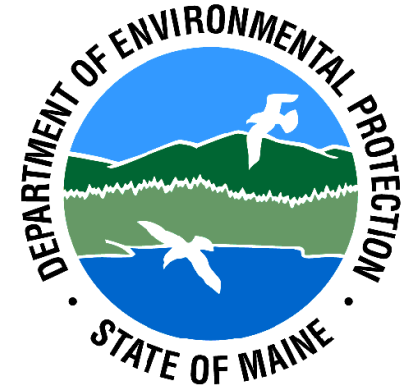
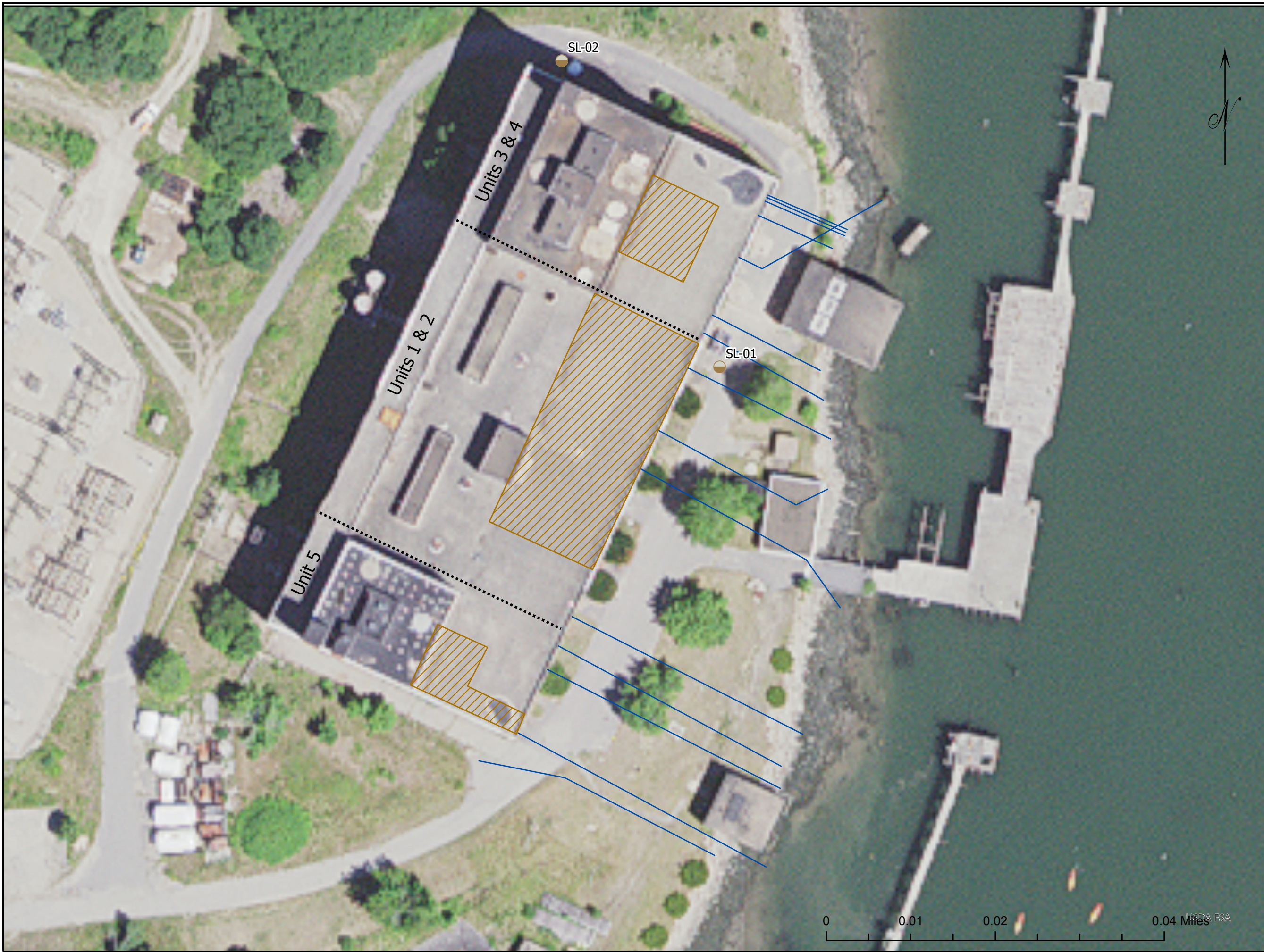


Figure 3
Mason Station
Power House Site
Soil Samples

Legend

- Outfall_Pipes
- Soil_Samples
- Power House Building Units
- Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.

0 0.01 0.02 0.04 Miles

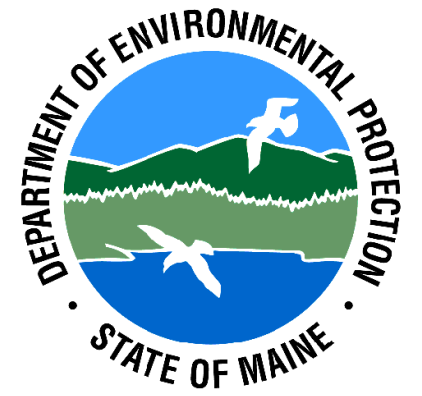
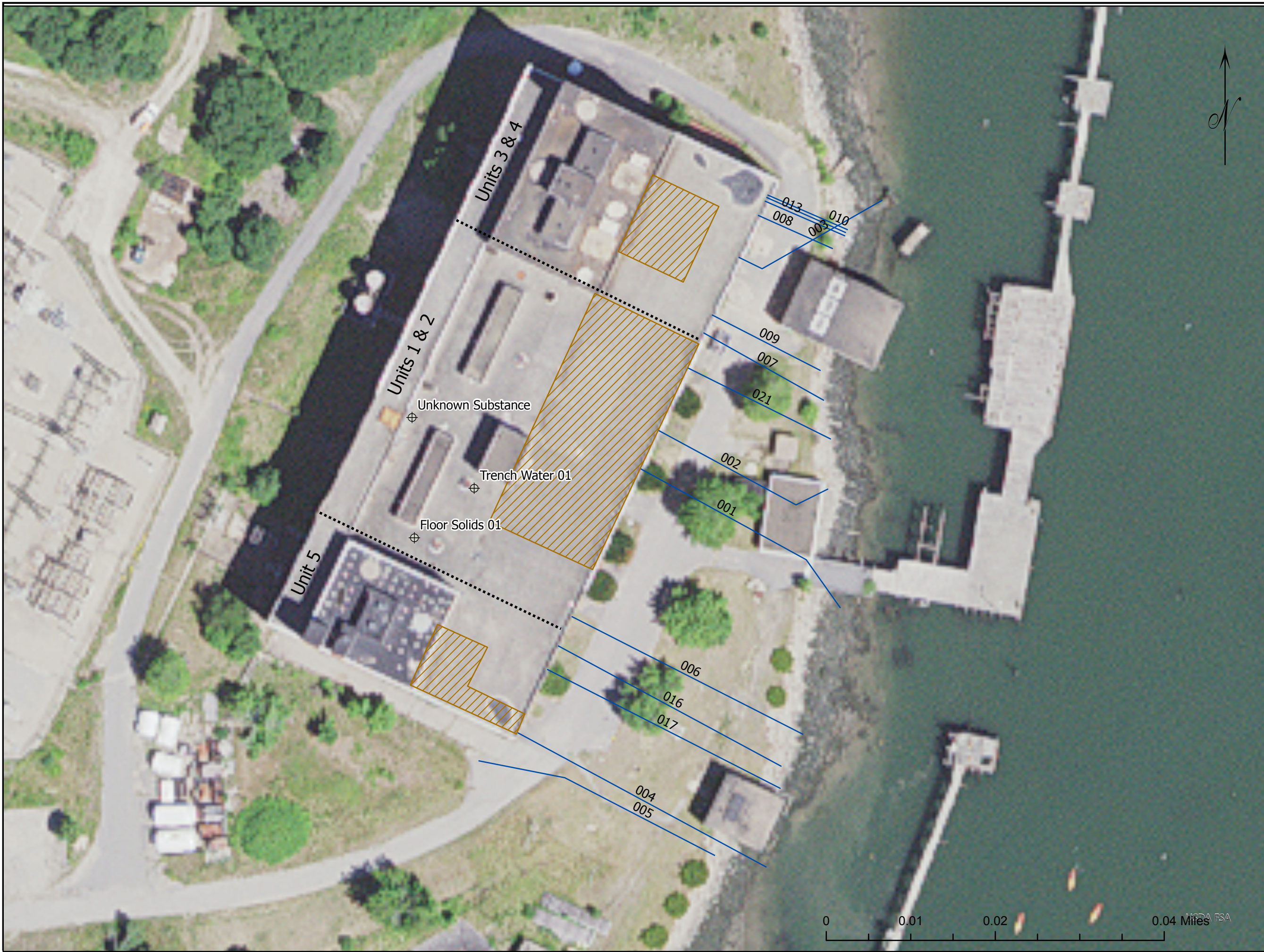


Figure 4
Mason Station
Power House Site
Miscellaneous
Samples



- Legend**
- Outfall_Pipes
 - ⊕ Miscellaneous_Samples
 - Power House Building Units
 - ▨ Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.

0 0.01 0.02 0.04 Miles

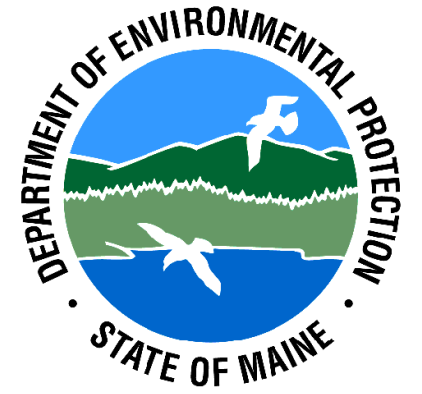
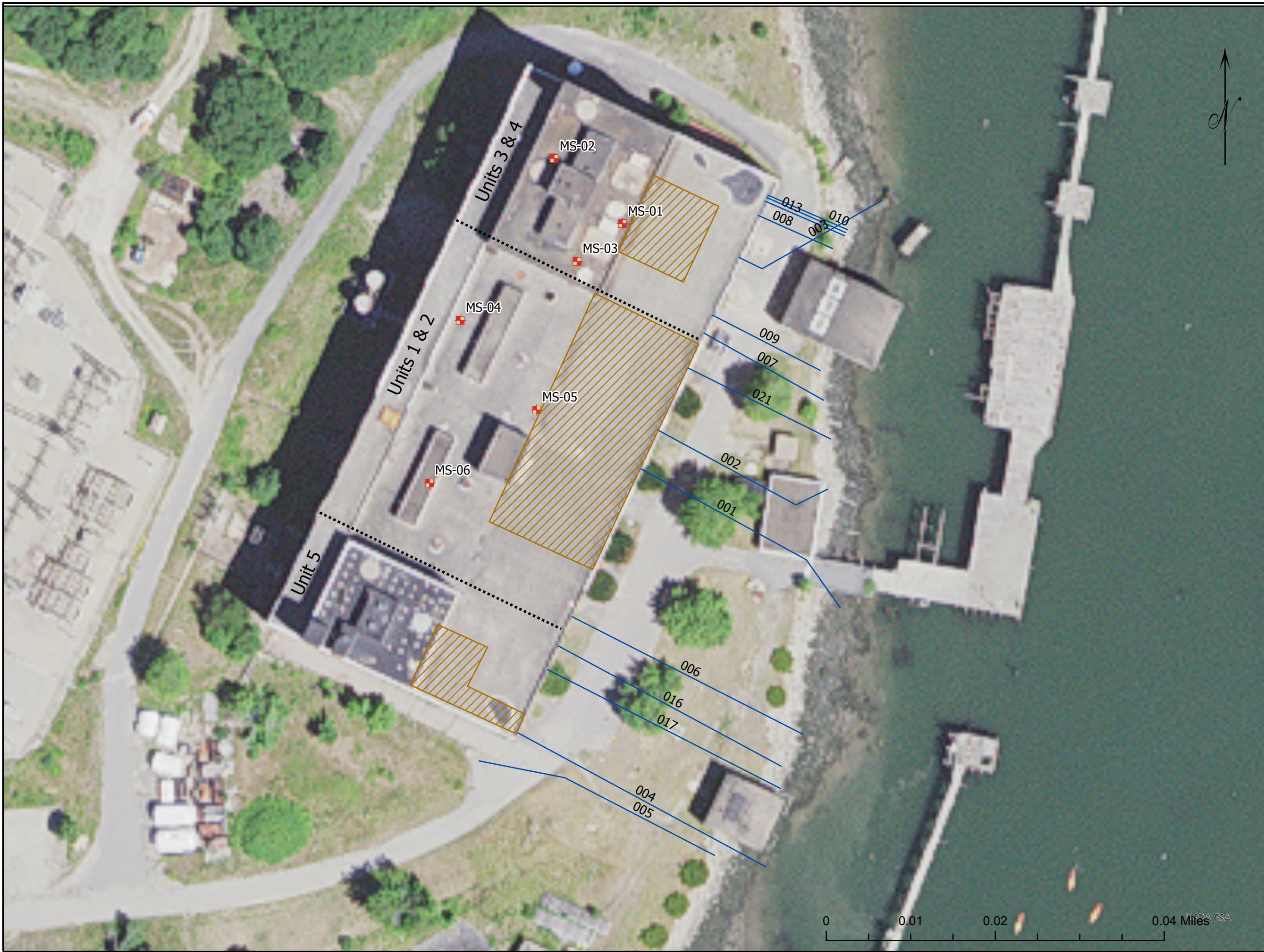


Figure 5
Mason Station
Power House Site
Bulk Material
Samples



Legend

- Outfall_Pipes
- Bulk_Material_Samples
- Power House Building Units
- Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.

0 0.01 0.02 0.04 Miles

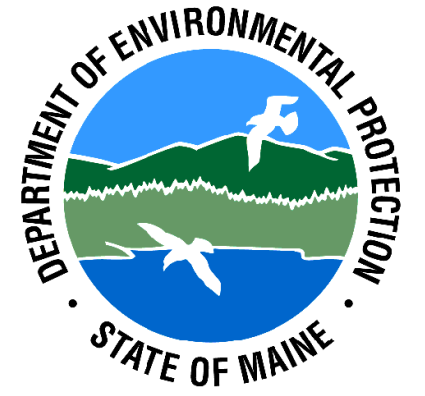


Figure 6
Mason Station Power
House Site
Background Samples

Legend

- Outfall_Pipes
- Background_Samples
- Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior sample are approximate in location, extent, and scale.

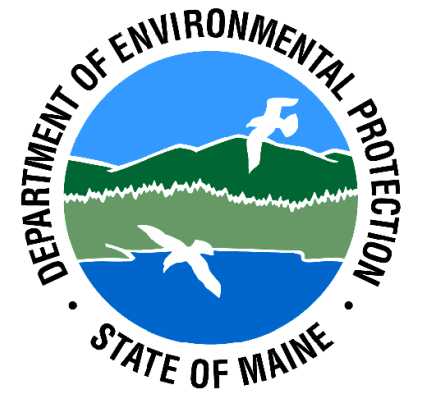
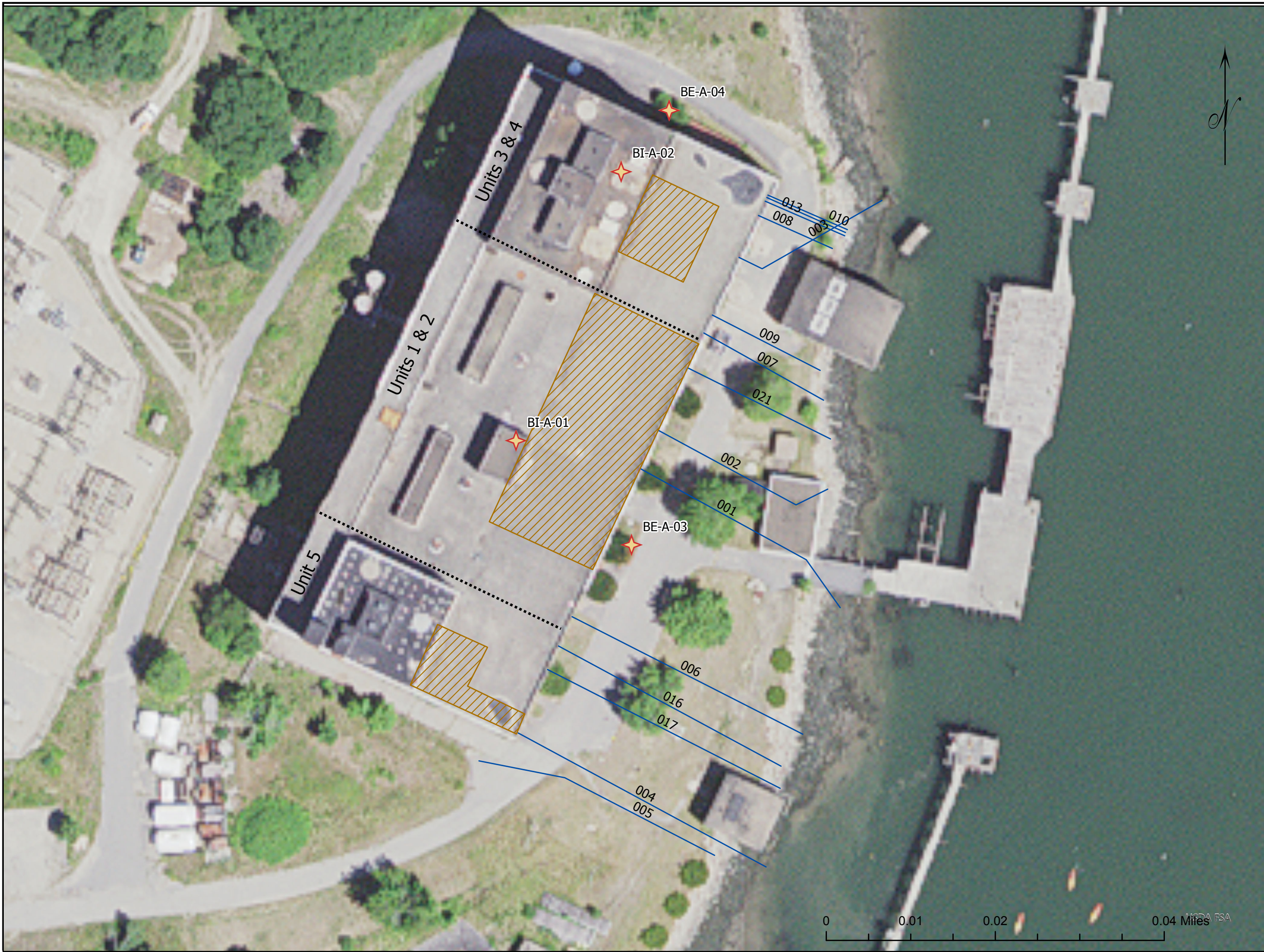






Figure 7
Mason Station
Power House Site
Air Samples



Legend

-  Outfall_Pipes
-  Power House Building Units
-  Air_Samples
-  Vaults

Notes

1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.
3. Personal Exposure Monitoring samples are not displayed on the figure.

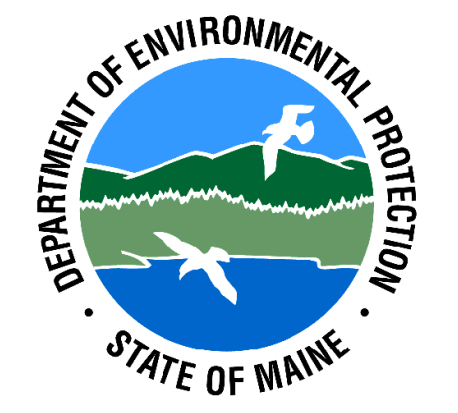
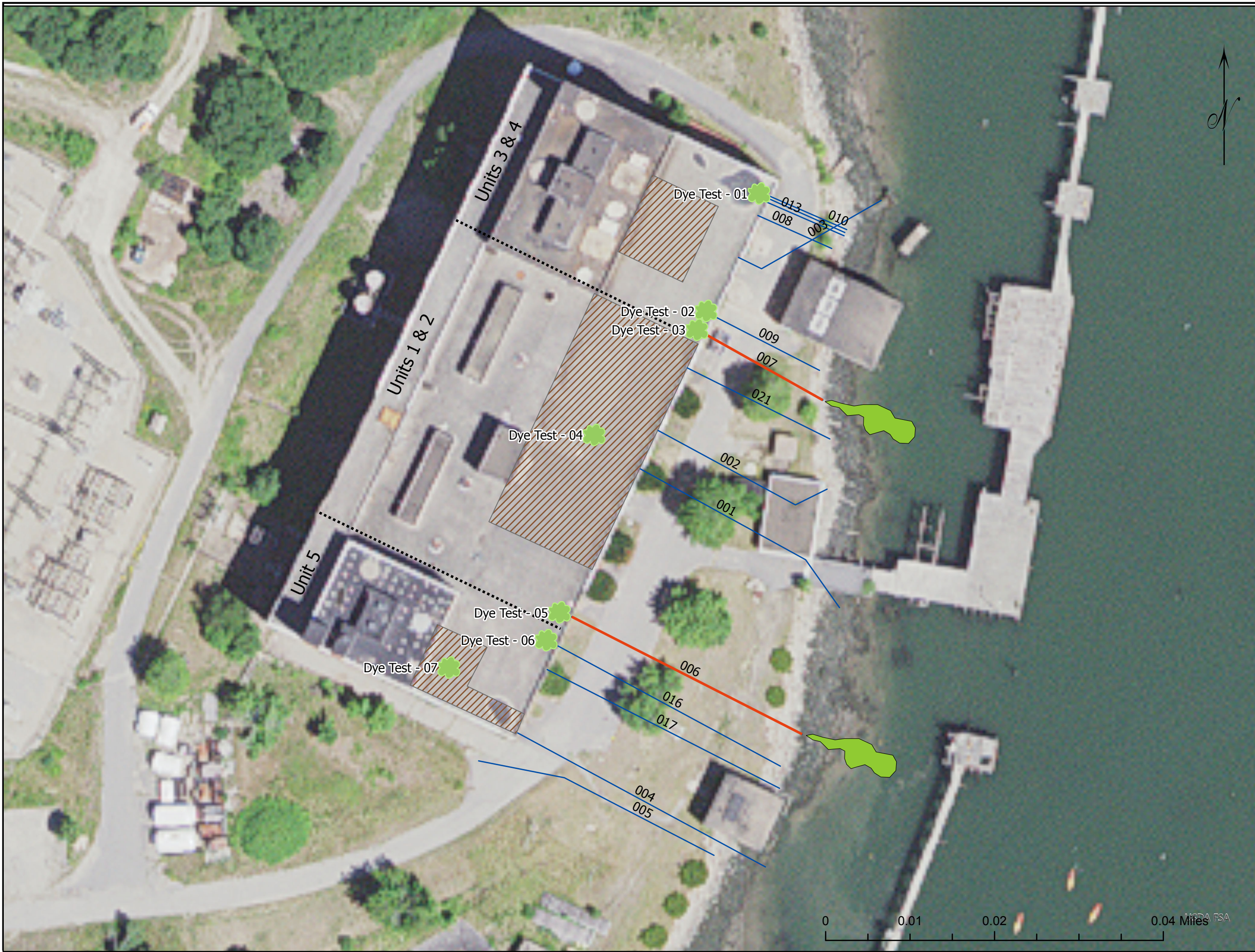


Figure 8
Mason Station
Power House Site
Dye Testing

- Legend**
- Outfall_Pipes
 - Vaults
 - Dye Test - Complete Pathways
 - Dye Test Locations
 - Dye Discharged to Environment

- Notes**
1. This figure has been prepared to support the Maine Department of Environmental Protections Department led investigation. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
 2. Basement vault, outfall pipe locations, and interior building samples are approximate in location, extent, and scale.
 3. A complete pathway is a location where dye was applied inside of the Power House building and surfaced in the Sheepscot River.

0 0.01 0.02 0.04 Miles



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix A



Photo 1: SD-402 after sample collection



Photo 2: SD-405 After sample collection



Photo 3: SD-401 After Sample Collection



Photo 4: SD-416 After Sample Collection



Photo 5: SD-407 After Sample Collection



Photo 6; SD-409 During Sample collection



Photo 7: SD-403 During Sample Collection

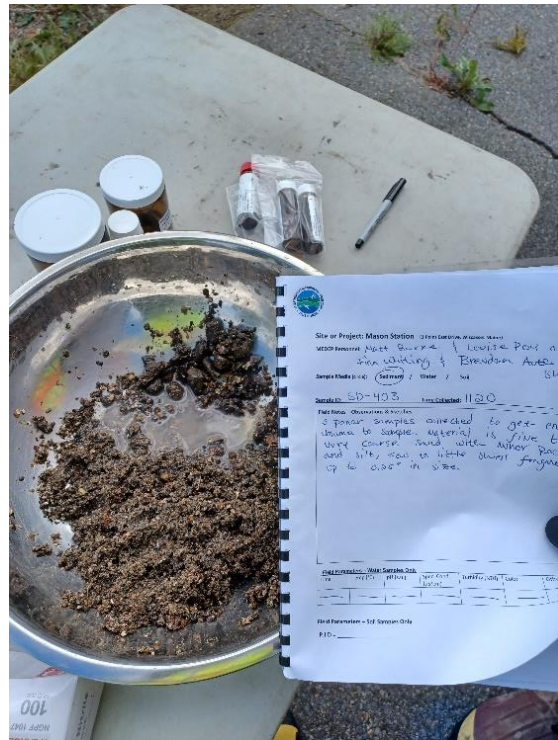


Photo 8: SD-403 After Sample Collection



Photo 9: SD-403 PID Reading During Collection



Photo 10: SD-414 After Sample Collection

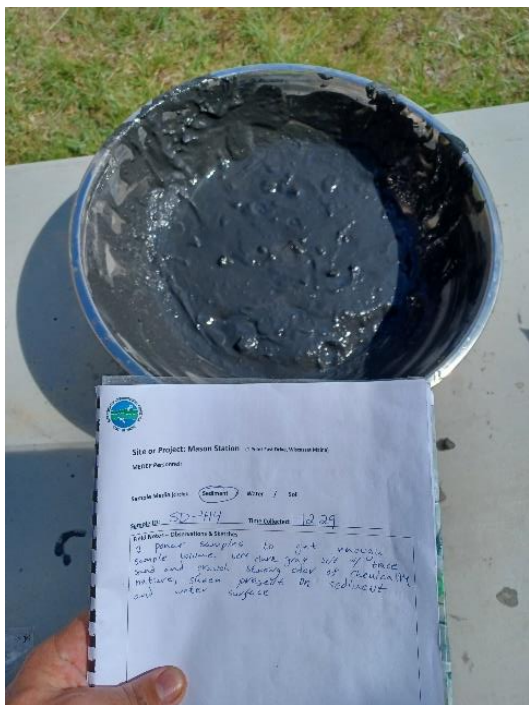


Photo 11: SD-414 After Sample Collection



Photo 12: EF-05 Floor Trench In Units 3 &



Photo 13: EF-05 Water Sample Location with Peristaltic Pump Tubing



Photo 14: EF-05 Floor Trench After Tracer Dye Application



Photos 15 & 16: Tracer Dye Emanating from Outfall 007 After Application in Unit 3 & 4 Floor Trench

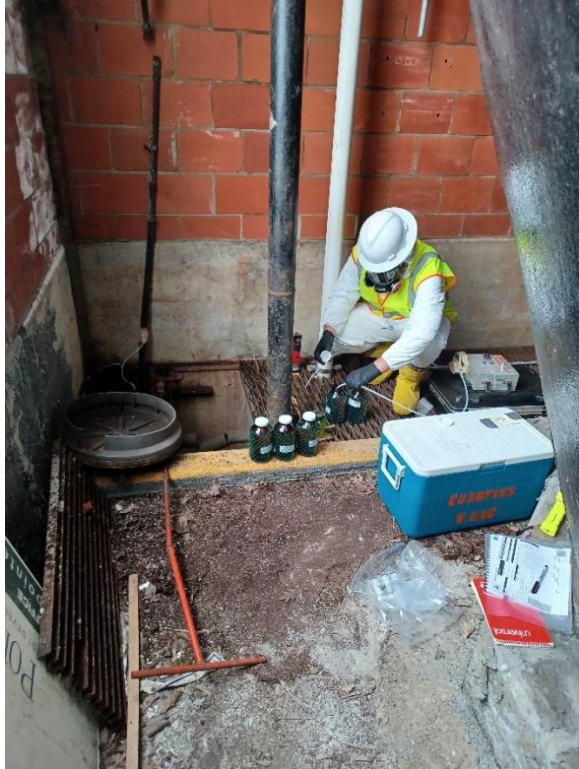


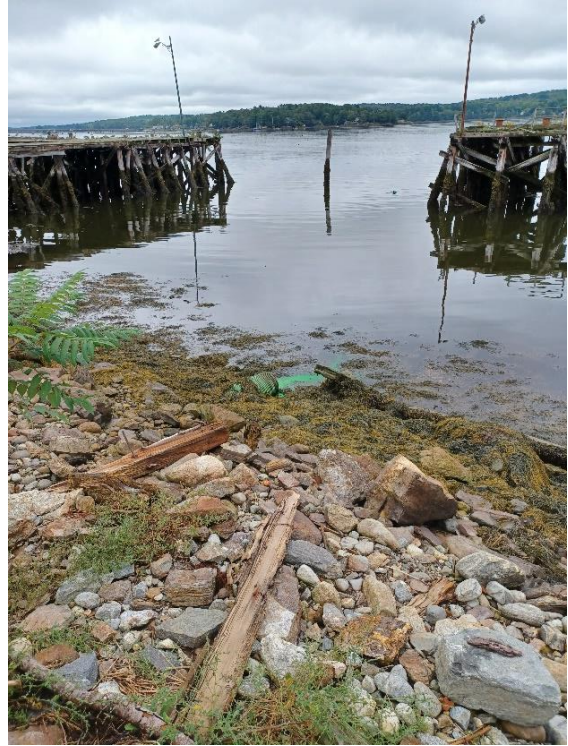
Photo 17: Collecting EF-04 with peristaltic Pump



Photo 18: Adding dye to floor trench at EF-04 Units 1 & 2



Photo 19: Collecting SD-418 from Units 1 & 2 Floor Trench



Photos 20 & 21: Tracer Dye Emanating from Outfall 006 After Application in Units 1 & 2 Floor Trench



Photo 22: EF-06 Being Collected from Mezzanine with Peristaltic Pump



Photo 23: EF-07 Sample Collection Location



Photo 24: Tracer Dye in EF-07 Floor Trench in Unit 5



Photo 25: Tracer Dye in Unit 5 Vault Where EF-08 & SD-419 Samples Were Collected



Photo 26: Background Sediment Sample Location Collected From Fort Edgecomb



Photo 27: SL-01 Sample Areas Where Soil Was Collected



Photo 28: SL-02 & Duplicate Sample Areas Where Soil Was Collected



Photo 29: #6 Oil Release From Equipment at Main Entrance in Units 1 & 2



Photo 30: #6 Oil Release in Units 1 & 2 Leaking From Lockers on Mezzanine Above



Photo 31: #6 Oil Release in Screenhouse #2



Photo 32: Unknown Yellow Substance in Units 1 & 2 Floor Bays Around Piping Banks. Not Sampled.



Photo 33: Unknown Yellow Substance in Units 1 & 2 Floor Bays Around Piping Banks. Not Sampled.



Photo 34: Trench Water 01 Sample Being Collected in Units 1 & 2



Photo 35: Floor Solids Sample Being Collected in Units 1 & 2



Photo 36: BE-A-04 Being Collected. Sacks of PCB Concrete in Background



Photo 37: Equipment Blank Sample Being Collected From Sediment Trowel.



Photo 38: DEP Staff and Outside Muster Location



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix B

Mason Station - TRIP REPORT

DATE: 9/12/2023

Weather Conditions: Overcast, ~68°F

SITE NAME and LOCATION:

Mason Station, Wiscasset

MEDEP PERSONNEL PRESENT:

Chris Redmond: Environmental Specialist IV

Danielle Obery: Environmental Specialist III

Finn Whiting: Environmental Hydrogeology Specialist

Brendan Auth: Environmental Hydrogeologist

April Bledsoe: Environmental Specialist III

Aaron Dumont: Environmental Specialist III

Mike Mars: Environmental Specialist III

Charles Rodda: Environmental Hydrogeologist

Mike O'Connor: Senior Environmental Hydrogeologist

Matt Burke: Senior Environmental Hydrogeologist

Chris Evans: Senior Environmental Hydrogeologist

Louise Roy: Environmental Hydrogeology Specialist

OTHER PEOPLE PRESENT:

Erik Phenix: Ransom Environmental

Tim Harris: Mason Station LLC Caretaker

PURPOSE OF SITE VISIT:

Complaint

Site Evaluation

OTHER - MEDEP Administrative Warrant Sample Event

FIELD NOTES RECORDED BY: Finn Whiting

COMMENTS:

Background:

An administrative warrant was obtained on September 12th, 2023, to collect environmental samples from the Mason Station Site located at 1 Point East Drive in Wiscasset Maine.

Site Inspection:

MEDEP Staff arrived onsite at approximately 9:30 am and found the access gate open. MEDEP staff posted the signed administrative warrant at the entrance gate and on the front door to the

Power House Structure. MEDEP vehicles parked on east side of the Power House structure and conducted site safety meeting.

Sampling activities commenced. Five MEDEP sample teams composed of two people began to collect samples in accordance with the approved Sampling and Analysis Plan. Samples collected from the site included BKD-SED-001, EF-01, EF-04, EF-05, SD-401, SD-402, SD-405, SD-406, SD-407, SD-411, SD-412, SD-416, SL-01, SL-02, SL-DUP-01.

Tracer dye was applied to floor trenches in Units 1 & 2, Units 3 & 4, and Units 5 between 1:35pm and 2:07PM. Three colors (blue, orange, & green) were used but only green tracer dye applied to the Unit 1 & 2 floor trench was found to be readily visible.

Tracer dye placed in the floor trench on the southeast corner of Units 1 & 2 at approximately 2:07PM was applied with a peristaltic pump behind the concrete gate valve. A ~4" PVC pipe could be seen discharging green tracer dye through the gate valve and exiting the building through a ~16" conduit. Green tracer dye discharging from Outfall pipe 006 to the Sheepscot River was identified at approximately 2:25 PM.

MEDEP staff left site at 4:45 PM.

Signature: *Finn Whiting*

Mason Station - TRIP REPORT

DATE: 9/13/2023

Weather Conditions: Cloudy with heavy rain showers, ~67°F

SITE NAME and LOCATION:

Mason Station, Wiscasset

MEDEP PERSONNEL PRESENT:

Chris Redmond: Environmental Specialist IV

Danielle Obery: Environmental Specialist III

Finn Whiting: Environmental Hydrogeology Specialist

Brendan Auth: Environmental Hydrogeologist

April Bledsoe: Environmental Specialist III

Aaron Dumont: Environmental Specialist III

Mike Mars: Environmental Specialist III

Charles Rodda: Environmental Hydrogeologist

Matt Burke: Senior Environmental Hydrogeologist

Louise Roy: Environmental Hydrogeology Specialist

OTHER PEOPLE PRESENT:

Wes Harden: Ransom Environmental

Tim Harris: Mason Station LLC Caretaker

Randy Geoffroy: Air Quality Management Services, Inc.

Devin Perkins: Peregrin Turbine Technologies (Trespasser)

PURPOSE OF SITE VISIT:

Complaint

Site Evaluation

OTHER - MEDEP Administrative Warrant Sample Event

FIELD NOTES RECORDED BY: Finn Whiting

COMMENTS:

Background:

An administrative warrant was obtained on September 12th, 2023, to collect environmental samples from the Mason Station Site located at 1 Point East Drive in Wiscasset Maine.

Site Inspection:

MEDEP Staff arrived onsite at approximately 8:20 am. MEDEP vehicles parked on east side of the Power House structure and conducted site safety meeting.

Sampling activities commenced. Four MEDEP sample teams composed of two people began to collect samples in accordance with the approved Sampling and Analysis Plan. Samples collected from the site included EF-06, EF-07, EF-08, EF-09, SD-409, SD-410, SD-419, SD-DUP-01, Floor Solids 01, and Trench Water 01.

Air Quality Management Inc collected air samples BI-A-01, BI-A-02, BE-A-03, BE-A-04, PE-A-05, PE-A-06, PE-A-07, and PE-A-09.

Heavy rains occurred at approximately 11:00am and MEDEP observed substantial water entering the building through the roof and roof drains. Large quantities of water were surcharging the floor trench network and vaults in all three units of the Power House Structure.

Green tracer dye was applied to floor trenches in Units 3 &4, and Units 5 and vaults in Units 1 & 2 and Unit 5 between approximately 11:33AM and 12:35PM.

Green tracer dye was applied to Units 3 & 4 floor trench at approximately 11:33AM and could be seen overtopping the concrete gate valve and exiting the building. Tracer dye was observed exiting outfall pipe 007 into the Sheepsfoot River at approximately 11:38am.

Several unknown substances were identified as potential hazardous substances during field activities and MEDEP staff utilized remaining bottle-ware on hand to collect two samples (Floor Solids 01, and Trench Water 01). Because of limited bottle-ware, not all materials suspected to be hazardous substances were sampled. Leaks from equipment and piping presumed to be No. 6 oil were identified but not sampled.

Neighboring business (Peregrine Turbine Technologies) employee walked through site during lunch break while exercising.

MEDEP staff left site at 4:45 PM.

Signature: *Finn Whiting*

Mason Station - TRIP REPORT

DATE: 9/14/2023

Weather Conditions: Sunny, ~67°F

SITE NAME and LOCATION:

Mason Station, Wiscasset

MEDEP PERSONNEL PRESENT:

Danielle Obery: Environmental Specialist III

Finn Whiting: Environmental Hydrogeology Specialist

Brendan Auth: Environmental Hydrogeologist

Matt Burke: Senior Environmental Hydrogeologist

Louise Roy: Environmental Hydrogeology Specialist

OTHER PEOPLE PRESENT:

Sarah Mazeroll: Ransom Environmental

Tim Harris: Mason Station LLC Caretaker

PURPOSE OF SITE VISIT:

Complaint

Site Evaluation

OTHER - MEDEP Administrative Warrant Sample Event

FIELD NOTES RECORDED BY: Finn Whiting

COMMENTS:

Background:

An administrative warrant was obtained on September 12th, 2023, to collect environmental samples from the Mason Station Site located at 1 Point East Drive in Wiscasset Maine.

Site Inspection:

MEDEP Staff arrived onsite at approximately 9:05 AM. MEDEP vehicles parked on east side of the Power House structure and conducted site safety meeting.

Sampling activities commenced. One MEDEP sample team composed of four people began to collect samples in accordance with the approved Sampling and Analysis Plan. Samples collected from the site included SD-403, SD-404, SD-414, SD-415, SD-417, & SD-418. Samples were collected via a small jon boat utilizing a ponar sampling device.

Two employees from neighboring business (Peregrine Turbine Technologies) walked through site during lunch break. MEDEP staff did not record their names.

MEDEP staff left site at 2:40 PM.

Signature: *Finn Whiting*

Mason Station - TRIP REPORT

DATE: 9/19/2023

Weather Conditions: Sunny, ~70°F

SITE NAME and LOCATION:

Mason Station, Wiscasset

MEDEP PERSONNEL PRESENT:

Finn Whiting: Environmental Hydrogeology Specialist

OTHER PEOPLE PRESENT:

Tim Harris: Mason Station LLC Caretaker

Chris Cilley: EPI

PURPOSE OF SITE VISIT:

Complaint

Site Evaluation

OTHER - MEDEP Administrative Warrant Sample Event

FIELD NOTES RECORDED BY: Finn Whiting

COMMENTS:

Background:

An administrative warrant was obtained on September 12th, 2023, to collect environmental samples from the Mason Station Site located at 1 Point East Drive in Wiscasset Maine.

Site Inspection:

MEDEP Staff arrived onsite at approximately 9:35 AM. MEDEP vehicles parked on east side of the Power House structure.

Sampling activities commenced. One MEDEP sample team composed of one person began to collect samples in accordance with the approved Sampling and Analysis Plan. Samples collected from the site included EF-02. This sample was not able to be collected the previous week because outfall pipe 006 is only exposed at low tide. Flow was not great enough and the incoming tide prevented a sample duplicate from being collected.

EPI was onsite placing sacks of PCB waste into a roll off dumpster and using a mini excavator to remove areas of concrete that failed PCB confirmation samples.

MEDEP staff left site at 11:00 AM.

Signature: *Finn Whiting*

DIVISION OF REMEDIATION FIELD TRIP REPORT

DATE: 09/20/2023

Weather Conditions: Partly Cloudy, light winds, approx. 70F

SITE NAME and LOCATION: Mason Station Power House, 1 Point East Drive, Wiscasset, #REM03185

MEDEP PERSONNEL PRESENT: Chris Redmond and Carmine "Joe" DeStefano

OTHER PEOPLE PRESENT: Caretaker Tim Harris and Environmental Projects Inc.

PURPOSE OF SITE/AREA VISIT:

- Reconnaissance
- Residential Water Sampling
- Sampling Monitoring Wells or Micro Wells
- Waste Sampling, Drums, Stained Soil, Other
- Soil Sampling
- Surface Water/ Sediment Sampling. Water Body:
- Geoprobng
- Contractor Oversight
- OTHER: Sampling conducted under warrant

FIELD NOTES and SAMPLE NUMBERS RECORDED BY: Chris Redmond

ADDITIONAL COMMENTS: Joe DeStefano and I arrived at the site at approximately 1039 on 9/20/2023 to collect samples for potential asbestos debris and a sample of a substance believed to be No. 6 oil. Samples were collected from within the power house building at the site, on the ground floor level. Joe works in DEP's asbestos unit and is a licensed asbestos inspector, so he collected the potential asbestos samples and I collected the potential oil sample. Asbestos samples to be analyzed by Optimum Analytical, potential hazardous substance sample to be analyzed by Alpha Analytical. Sample locations shown on the attached figure are approximate and were written on a Figure included in a 11/19/2021 Asbestos Damage Summary Report by Ransom Consulting, LLC. We wore level C PPE, including respiratory protection during sampling due to potential asbestos hazards. Environmental Projects Inc. had a work crew on site, but we did not speak with them about scope of their work. Caretaker Tim Harris and a friend were onsite, outside the power house building. I did advise Tim that he should take caution going in the building due to the extensive amount of asbestos. Departed site at approximately 1215.

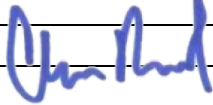
The following samples were collected:

<u>Sample ID</u>	<u>Date</u>	<u>Time</u>	<u>Analysis</u>	<u>Comments</u>
MS#1	9/20/2023	1110	Asbestos	White debris on floor
MS#2	9/20/2023	1115	Asbestos	White debris on floor
MS#3	9/20/2023	1121	Asbestos	White debris on floor
MS#4	9/20/2023	1124	Asbestos	White debris on floor
MS#5	9/20/2023	1129	Asbestos	White debris on floor
MS#6	9/20/2023	1134	Asbestos	White debris on floor
Hazardous Substance	9/20/2023	1140	Oil Fingerprinting	Oily substance leaking into bucket

ATTACHMENTS:

- Copy of Field Book Pages
- Photographs
- OTHER: Figure (modified from 8/2021 Ransom report); Sample results - asbestos and possible hazardous substance.

Signature



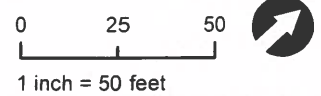
Legend & Notes

- Asbestos-Clad Large-Unit Process Equipment
- Former Features
- ACM Location & ID

Notes

- 1 Site Plan based on State of Maine Orthophotography
- 2 Some features are approximate in location and scale
- 3 This plan has been prepared for Mason Station, LLC. All other uses are not authorized unless written permission is obtained from Ransom Consulting, LLC

Scale & Orientation



Prepared For

Mason Station, LLC
485 West Putnam Avenue
Greenwich, Connecticut

Site Address

Mason Station
Birch Point Road
Wiscasset, Maine

171.06108 Aug 2021

Figure 1
Ground Floor

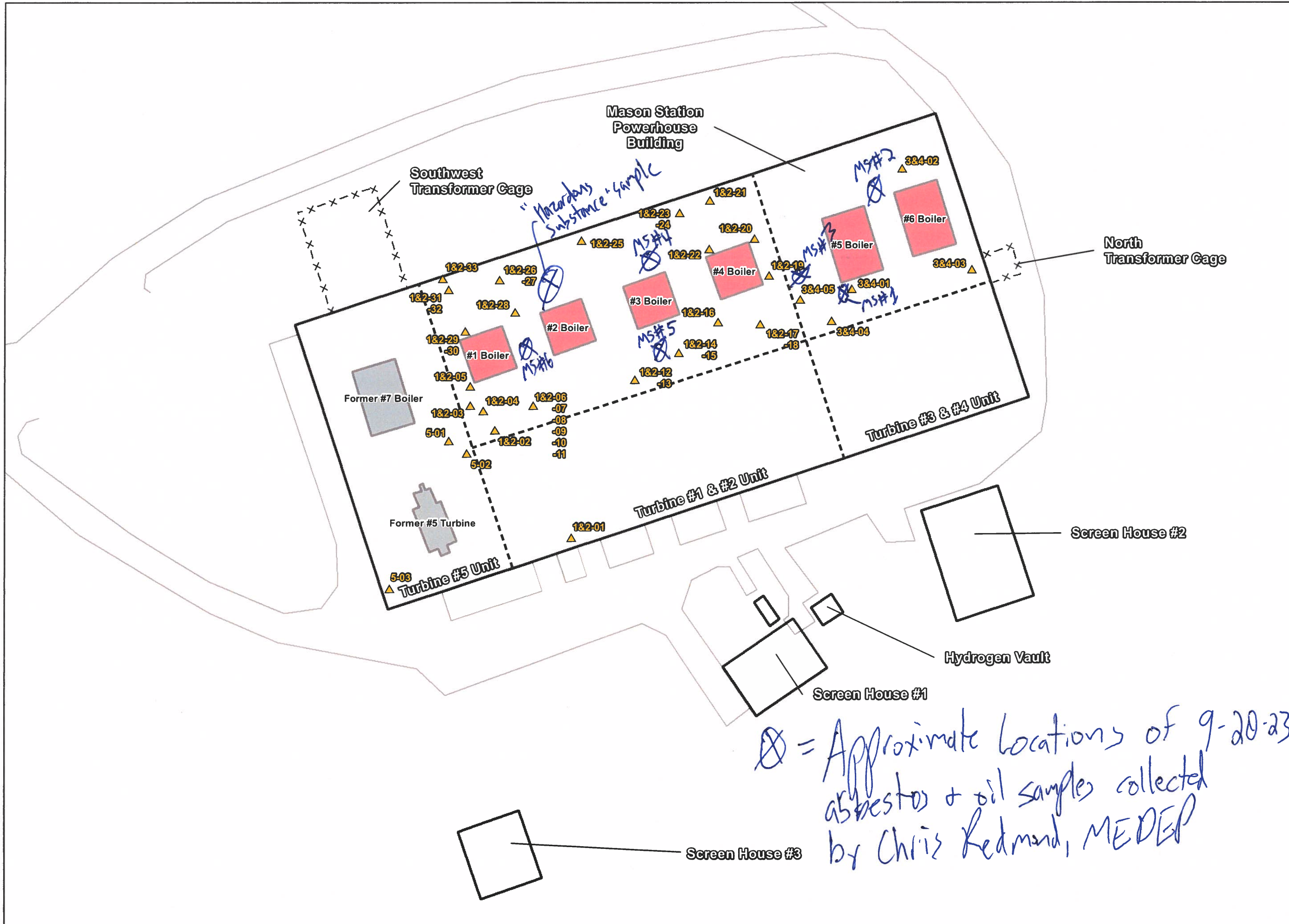




Photo 1: MS#1 location shown by red arrow. Trench drain covered in grated metal on left of photo. Photo by Chris Redmond.



Photo 2: MS#2 sample location shown by red arrow. Photo by Chris Redmond.



Photo 3: MS#3 sample location shown by red arrow. Photo by Chris Redmond.



Photo 4: MS#4 sample location shown by red arrow. Trench drain covered in grated metal in foreground. Photo by Chris Redmond.



Photo 5: MS#5 sample location shown by red arrow. Photo by Chris Redmond.



Photo 6: MS#6 sample location shown by red arrow. Photo by Chris Redmond.



Photo 7: “Hazardous Substance” sample location. Thick, viscous oily substance suspected to be No. 6 oil. Sample collected from bucket and floor near bucket. Material was leaking from overhead pipe. Trench drain covered in grated metal in foreground. Photo by Chris Redmond.



ANALYTICAL REPORT

Lab Number:	L2355510
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	10/03/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355510-01	UNKNOWN SUBSTANCE	OIL	WISCASSETT MAINE	09/20/23 11:40	09/21/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Petroleum Hydrocarbon Identification by GC-FID

L2355510-01: The sample was extracted and then analyzed using a gas chromatograph equipped with a flame ionization detector (GC/FID). The temperature program and associated experimental conditions were optimized to obtain maximum resolution in an eighty minute chromatographic run representative of hydrocarbons in the n-Octane (C8) to n-Tetracontane (C40) range. Qualitative evaluation of the sample was conducted by reviewing the sample chromatogram in conjunction with a chromatogram of a normal alkane series generated with the same chromatographic conditions. Chromatograms of hydrocarbon reference materials obtained from our library of 82 reference standards were also utilized to provide the best possible sample match. Quantitative determination of the sample's hydrocarbon concentration was performed in accordance with EPA Method 8015M. The sample's total hydrocarbon concentration and all associated quality control data are included in the report.

The following qualitative information is based on a tentative interpretation of chromatographic pattern recognition and boiling point ranges:

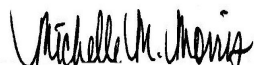
Total Petroleum Hydrocarbon Identification

L2355510-01 contains hydrocarbons eluting in the range of n-Octane (C8) to after the elution of n-Tetracontane (C40).

Based on the data generated, L2355510-01 contains material eluting in the low to heavy weight ranges of the chromatogram. The material present is similar to Fuel Oil #6.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 10/03/23

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2355510**Project Number:** Not Specified**Report Date:** 10/03/23**SAMPLE RESULTS**

Lab ID: L2355510-01
 Client ID: UNKNOWN SUBSTANCE
 Sample Location: WISCASSETT MAINE

Date Collected: 09/20/23 11:40
 Date Received: 09/21/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8015D(M)
 Analytical Date: 09/28/23 20:25
 Analyst: AMV
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 09/26/23 11:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	429000		mg/kg	6570	3280	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		50-130
d50-Tetracosane	93		50-130

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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/28/23 11:59
Analyst: AMV

Extraction Method: EPA 3580A
Extraction Date: 09/26/23 11:10

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab for sample(s): 01 Batch: WG1832052-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	6600	3300

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		50-130
d50-Tetracosane	88		50-130

Lab Control Sample Analysis

Batch Quality Control

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Project Number: Not Specified

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab Associated sample(s): 01 Batch: WG1832052-2 WG1832052-3								
Nonane (C9)	92		98		50-130	6		30
Decane (C10)	87		93		50-130	7		30
Dodecane (C12)	91		97		50-130	6		30
Tetradecane (C14)	90		96		50-130	6		30
Hexadecane (C16)	99		103		50-130	4		30
Octadecane (C18)	101		105		50-130	4		30
Nonadecane (C19)	92		96		50-130	4		30
Eicosane (C20)	91		94		50-130	3		30
Docosane (C22)	92		95		50-130	3		30
Tetracosane (C24)	98		101		50-130	3		30
Hexacosane (C26)	91		94		50-130	3		30
Octacosane (C28)	92		94		50-130	2		30
Triacontane (C30)	90		94		50-130	4		30
Hexatriacontane (C36)	82		86		50-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	97		100		50-130
d50-Tetracosane	89		91		50-130

Project Name: MASON STATION**Project Number:** Not Specified**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information**Container ID** **Container Type**

L2355510-01A Glass 60mL/2oz unpreserved

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
A	NA		5.4	Y	Absent		A2-PHI(365)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

2355510



CHAIN OF CUSTODY

Project Information

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Project Name: Mason Station

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181

Project Location: Wiscasset Maine

Project #:
 Project Manager: Danielle Obery
 ALPHA Quote #:

Turn-Around Time

Fax: _____
 Email: Finn.whiting@maine.gov
 These samples have been Previously analyzed by Alpha

Standard Rush (ONLY IF PRE-APPROVED)
 Due Date: _____ Time: _____

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:
 danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/22/23

ALPHA Job #: REM02

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program

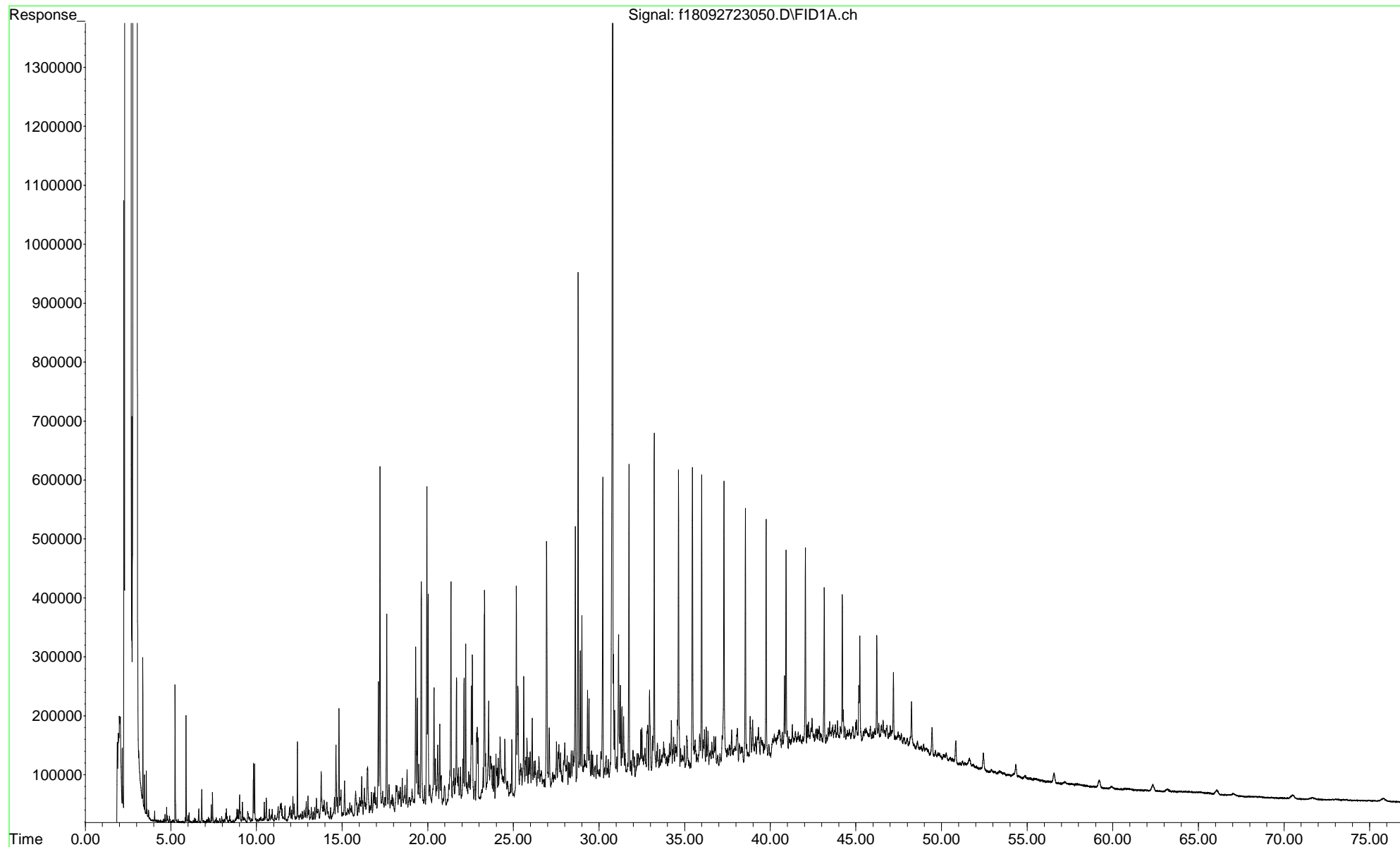
Criteria

ANALYSIS

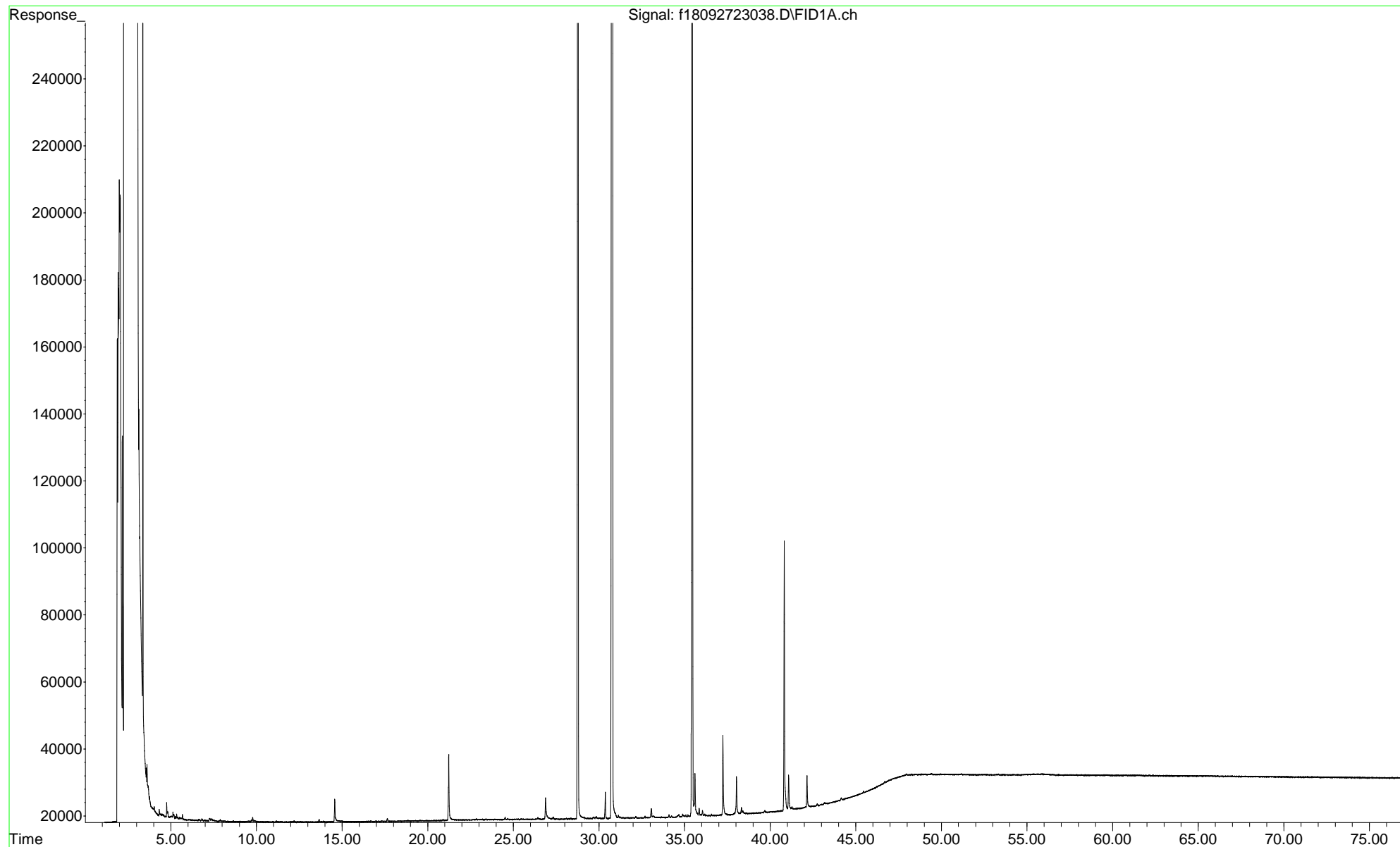
VOC's EPA 8260D/5035 High Low	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Organic Carbon - EPA 9060A	PCB's - EPA 8082A Low Level	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - PLM (Subcontract)	Total Solids - SM 2540
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GC-FID Chromatogram

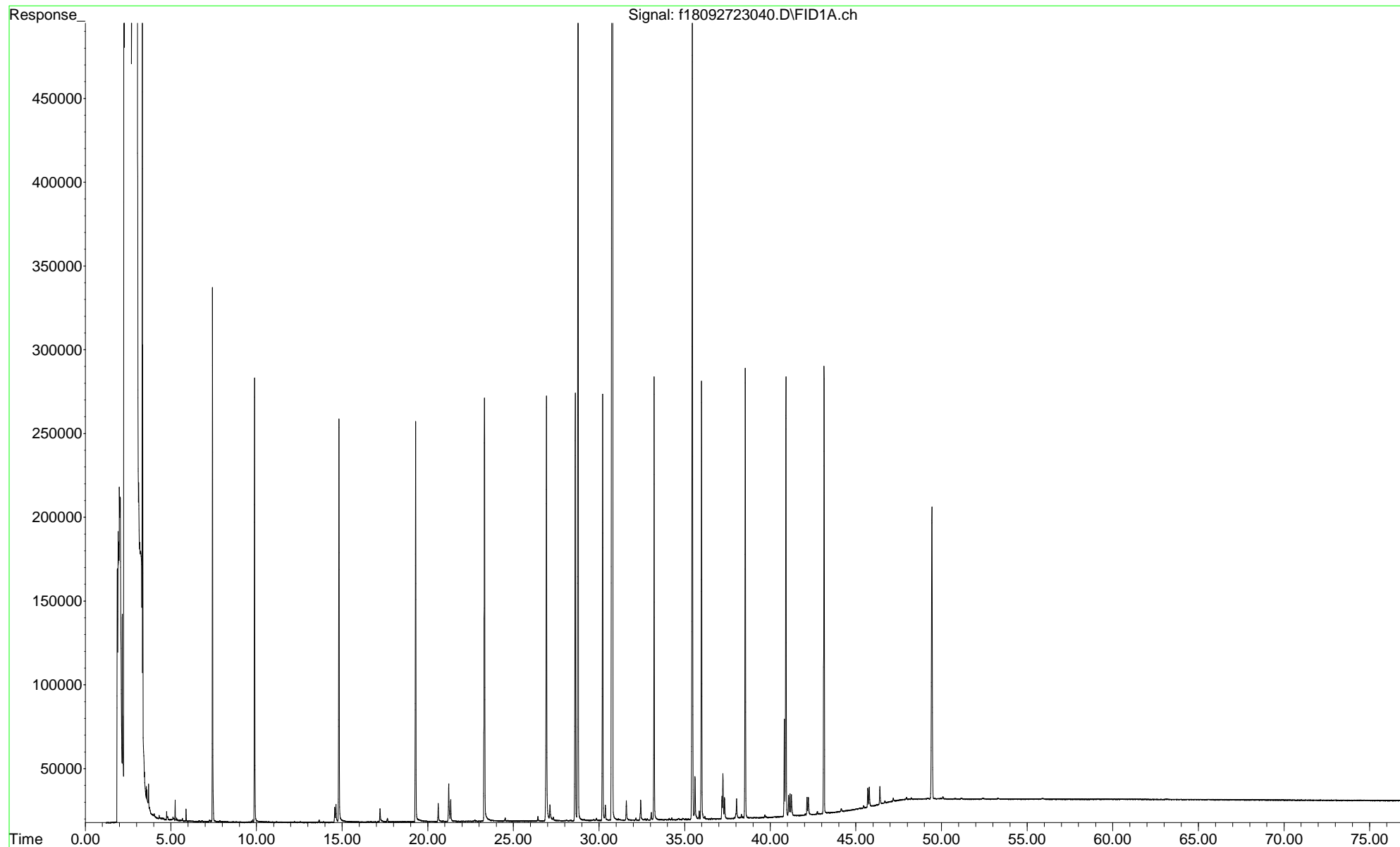
File :O:\Forensics\Data\FID18\2023\SEP\SEP27\f18092723050.D
Operator : FID18:AMV
Acquired : 28 Sep 2023 08:25 pm using AcqMethod FID18.M
Instrument : FID 18
Sample Name: L2355510-01
Misc Info : WG1832820,WG1832052,ICAL20298
Vial Number: 25



File :O:\Forensics\Data\FID18\2023\SEP\SEP27\f18092723038.D
Operator : FID18:AMV
Acquired : 28 Sep 2023 11:59 am using AcqMethod FID18.M
Instrument : FID 18
Sample Name: WG1832057-1
Misc Info : WG1832820,WG1832057,ICAL20298
Vial Number: 19

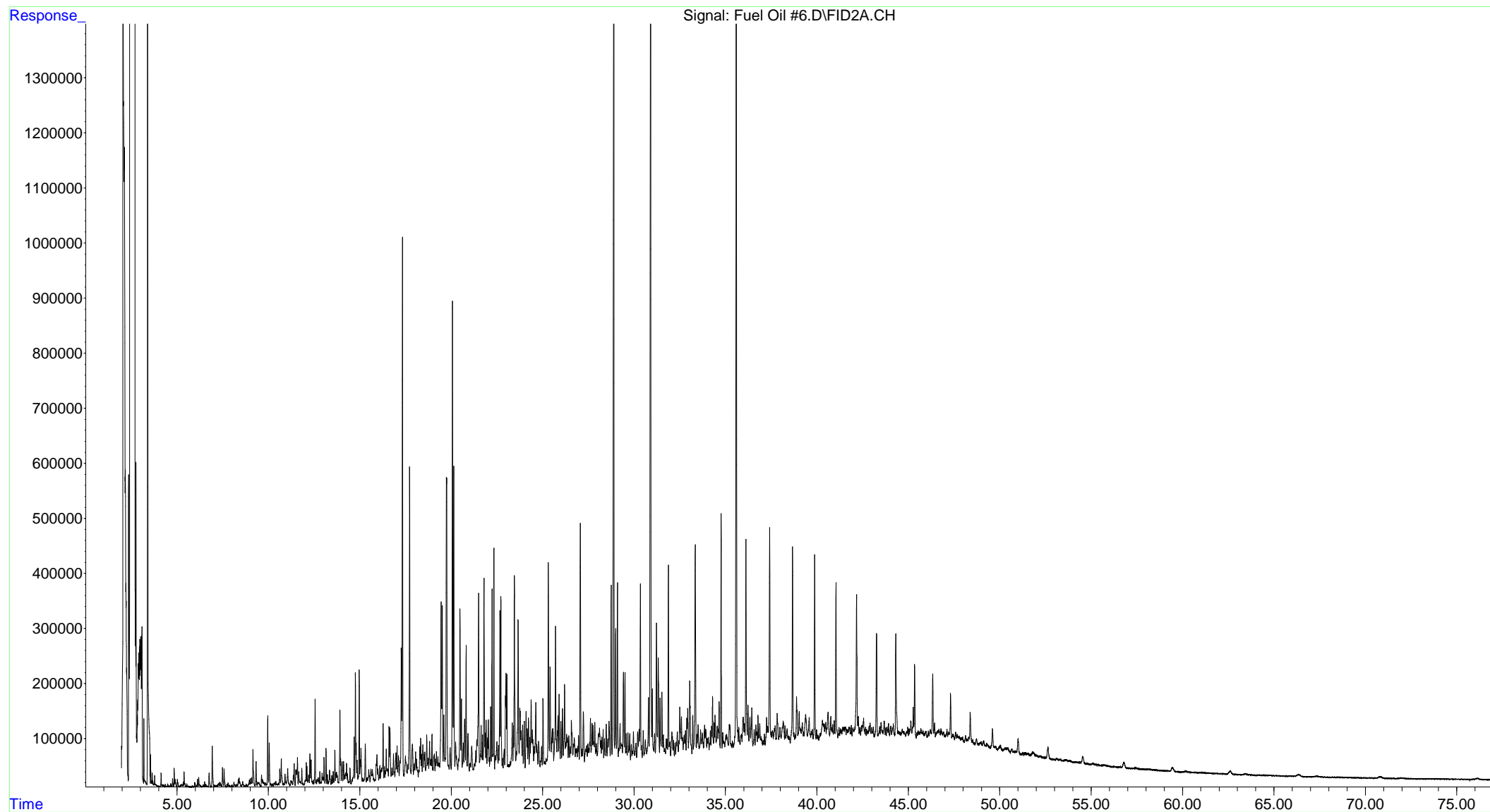


File :O:\Forensics\Data\FID18\2023\SEP\SEP27\f18092723040.D
Operator : FID18:AMV
Acquired : 28 Sep 2023 01:23 pm using AcqMethod FID18.M
Instrument : FID 18
Sample Name: WG1832057-2
Misc Info : WG1832820,WG1832057,ICAL20298
Vial Number: 20

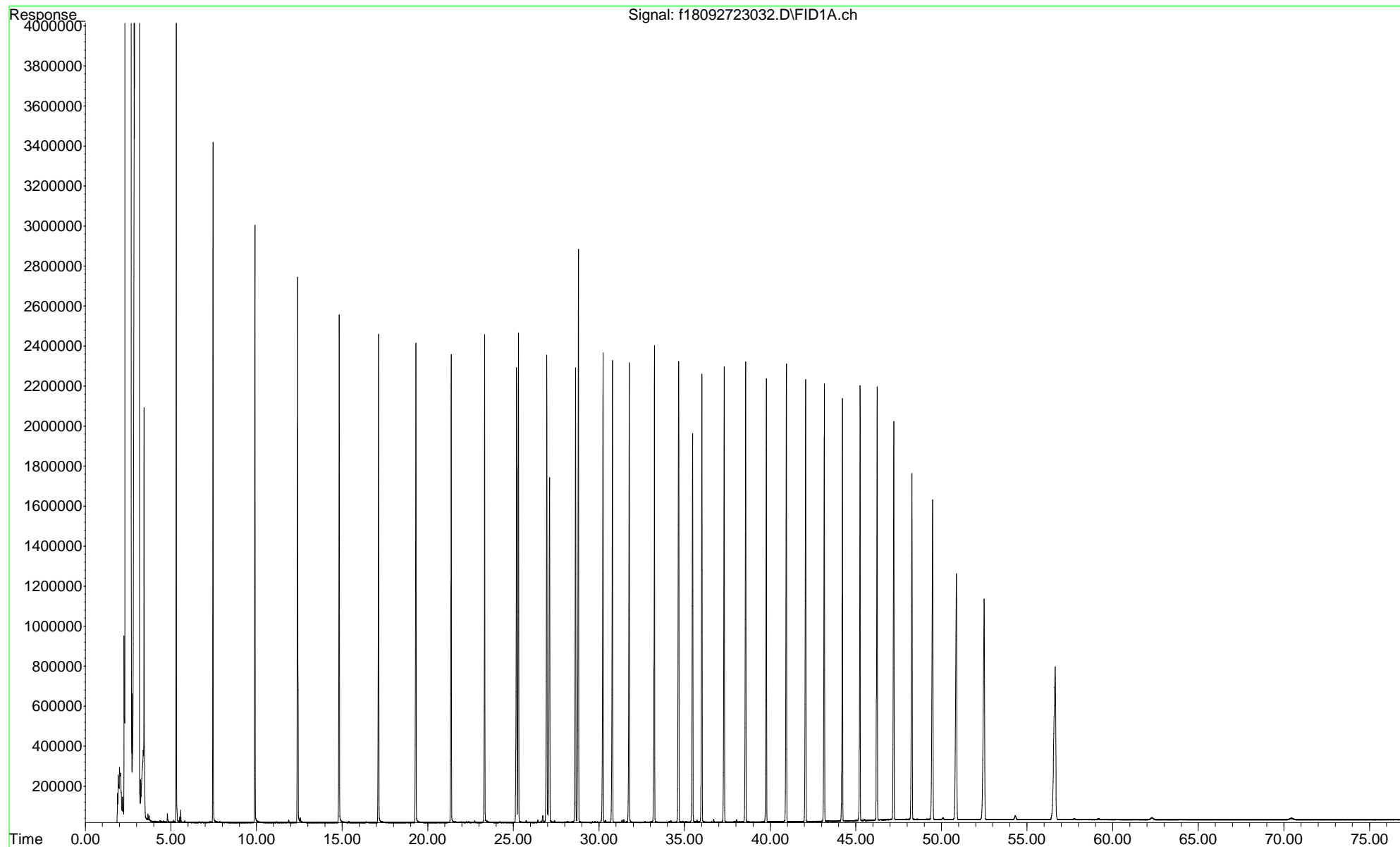


Petroleum Reference Standards

File :O:\Forensics\LIBRARY\Hydrocarbon Reference Standards\Fuel Oi
... l #6.D
Operator : PAH2:AC
Instrument : PAH 2
Acquired : 22 Nov 2011 7:50 am using AcqMethod FRNC2AF.M
Sample : FUEL OIL #6
Misc Info : 1X F042710F

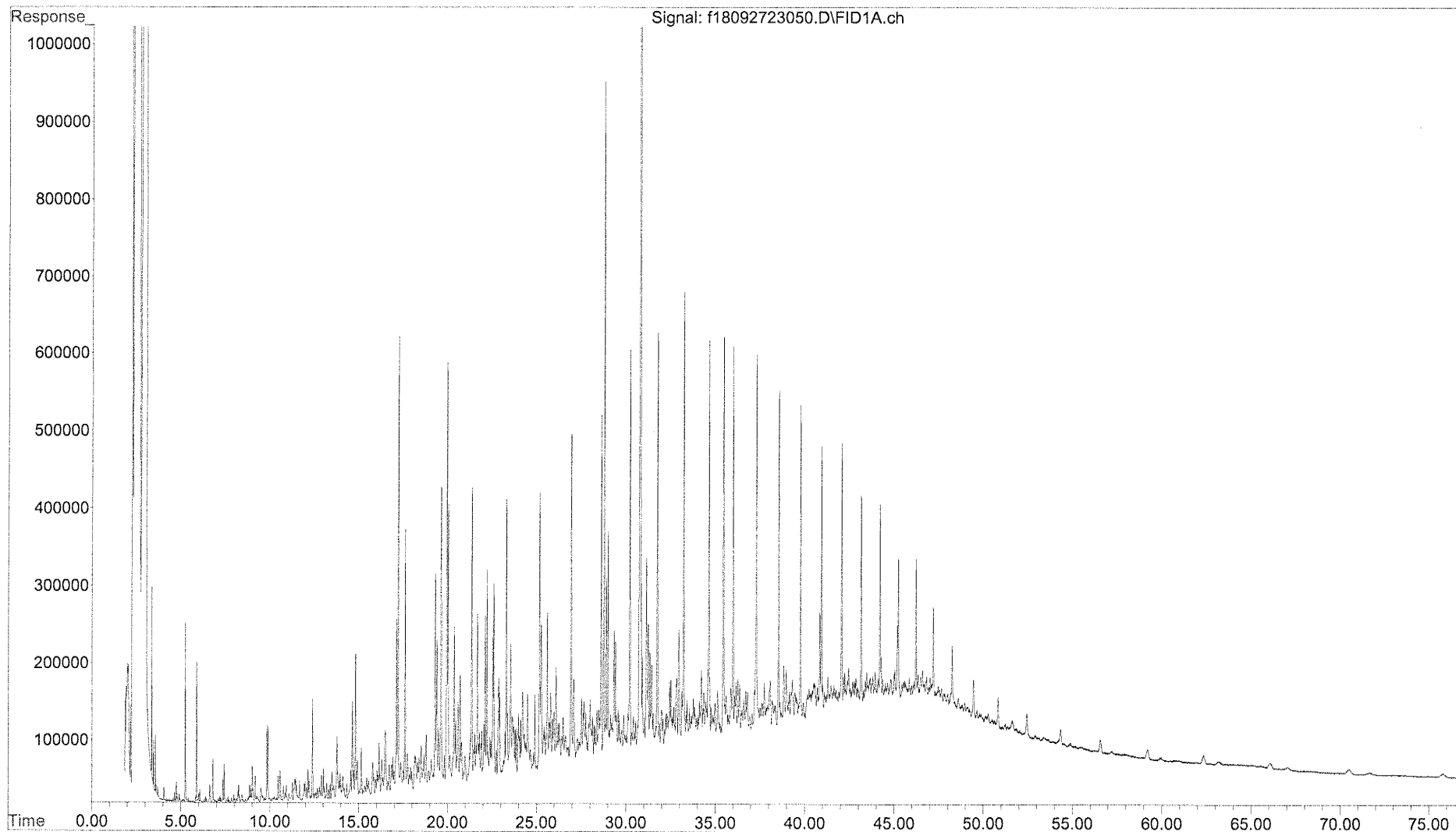


File :O:\Forensics\Data\FID18\2023\SEP\SEP27\f18092723032.D
Operator : FID18:AMV
Acquired : 28 Sep 2023 07:47 am using AcqMethod FID18.M
Instrument : FID 18
Sample Name: WG1832820-1
Misc Info : WG1832820,FRBG57,ICAL20298
Vial Number: 16



Chromatograms

File :O:\Forensics\Data\FID18\2023\SEP\SEP27\f18092723050.D
Operator : FID18:AMV
Acquired : 28 Sep 2023 08:25 pm using AcqMethod FID18.M
Instrument : FID 18
Sample Name: L2355510-01
Misc Info : WG1832820,WG1832052,ICAL20298
Vial Number: 25





Steve Zayszly
Maine DEP
17 State House Station
Augusta ME 04333-0017

Project Reference: A1-0829
Laboratory Batch #: 2348761
Date Samples Received: 09/25/2023
Date Samples Analyzed: 10/03/2023
Date of Final Report: 10/03/2023

SAMPLE IDENTIFICATION:

Six (6) samples from Mason Station, 1 Point East Drive, Wiscasset, ME project were submitted by Cazmine Destefano on 09/25/2023

This bulk sample(s) was delivered to Optimum Analytical Consulting, LLC (Optimum) located in Salem, New Hampshire for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials). This report relates only to those samples analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites. Quantification of asbestos content was determined by Calibrated Visual Estimation. Optimum is not responsible for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

In any given material, fibers with a small diameter (<0.25µm) may not be detected by the PLM method. Floor tile and other resinous bound materials may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additionally, there is currently no approved EPA analytical method to reliably confirm vermiculite as non-asbestos containing. Additional analytical methods may be required. Optimum Analytical recommends using Transmission Electron Microscopy (TEM) or other approved methods for a more definitive analysis.

Optimum will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability. This report may not be reproduced except in full, without the written approval of Optimum Analytical and Consulting, LLC.

The client/laboratory shall not use the NVLAP and AIHA Logo or this test report in a way that constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Point Count = .25%, 1000 Point Count = 0.1%; Present or Absent are observations made during a qualitative analysis.

This report is considered preliminary until signed by both the Laboratory Analyst and Laboratory Director or Supervisor. If you have any questions regarding this report, please do not hesitate to contact us.

Jamie L. Noel
Laboratory Director



OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials) NVLAP Lab Code: 101433-0

CLIENT: Maine DEP
ADDRESS: 17 State House Station
CITY / STATE / ZIP: Augusta ME 04333-0017
CONTACT: Steve Zayszly
DESCRIPTION: PLM Analysis
LOCATION: Mason Station, 1 Point East Drive, Wiscasset, ME

ORDER #: 2348761
PROJECT #: A1-0829
DATE COLLECTED: 09/20/2023
COLLECTED BY: Cazmine Destefano
DATE RECEIVED: 09/25/2023
ANALYSIS DATE: 10/03/2023
REPORT DATE: 10/03/2023
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
2348761-001 MS#1	Mason Station - Floor Debris, Gray/White	LAYER 1 100%	Chrysotile Amosite Crocidolite	45% 15% 5%	Cellulose Fiber Binder/Filler	10% 25%
2348761-002 MS#2	Mason Station - Floor Debris, White	LAYER 1 100%	Chrysotile Amosite Crocidolite	45% 15% 5%	Cellulose Fiber Binder/Filler	10% 25%
2348761-003 MS#3	Mason Station - Floor Debris, Dark Gray	LAYER 1 100%	Chrysotile	2%	Cellulose Fiber Binder/Filler	1% 97%
2348761-004 MS#4	Mason Station - Floor Debris, Gray	LAYER 1 100%	Chrysotile Amosite	70% 15%	Cellulose Fiber Fibrous Glass Binder/Filler	8% 2% 5%
2348761-005 MS#5	LAYER 1 Mason Station - Floor Debris, Gray	LAYER 1 100%	Chrysotile Amosite	65% 15%	Cellulose Fiber Fibrous Glass Binder/Filler	8% 2% 10%
	LAYER 2 Bulk Material - Thick Black Material, Black	LAYER 2 100%	Chrysotile Amosite	15% 2%	Cellulose Fiber Binder/Filler	35% 48%
2348761-006 MS#6	Mason Station - Floor Debris, White	LAYER 1 100%	Chrysotile Amosite	85% 10%	Cellulose Fiber Binder/Filler	2% 3%

**Analyst
Signatory:** 
 Jamie Noel



2348761

State of Maine

Department of Environmental Protection
Lead & Asbestos Hazard Prevention Program
17 State House Station, Augusta, Maine 04333
TEL (207) 287-7688 FAX (207) 287-6220

Asbestos Bulk Building Material Chain of Custody Form

Laboratory: _____
MDEP Project Code: _____

Project Location:

Facility Name: MASON STATION
Street: 1 POINT EAST DRIVE
City: WISCASSET State: ME

MDEP Information:

Laboratory Billing to: MDEP/LAHHP
Laboratory Reports to: Sandy Moody
Telephone: (207)287-7751
Email: Sandy.J.Moody@maine.gov
Please Provide Results by Email
Positive Stop by Homogenous Group (HG #)
Turnaround Time: 5 Days
 As Soon As Possible

Analytical Method Requested:

- PLM (surfacing materials, TSI, cementitious materials)
- PLM NOB (floor tiles, asphalts, mastics, coatings, caulking, adhesives, glues)
- Point Count with Gravimetric
- Other: _____

Sample Date: SEPT 20, 2023 Sample Time: 10:30 Total Number of Samples: 6
Samplers Name: CAZMINE J NESTEFANO Samplers Signature: [Signature]
AI-0829

Sample #	HG #	Sample Location	Material Description
MS # 1		MASON STATION FLOOR DEBRIS	GREY MATERIAL
MS # 2		"	"
MS # 3		"	"
MS # 4		"	WHITE CEMENTITIOUS
MS # 5		"	WHITISH
MS # 6		"	"

Relinquished by: [Signature] Date: SEPT 20, 2023 Time: 1525
Relinquished by: [Signature] Date: 9-20-23 Time: 10:45
Received by: [Signature] Date: 9/25/23 Time: 8:00

Comments/Special Instructions: **Positive Stop by Homogenous Group (HG #)**



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix C



Air Quality Management Services, Inc.

“Discovering Solutions for Healthier Living”

September 28th, 2023

Maine Department of Environmental Protection
C/o Mr. Chris Redmond
17 SHS, 4th Floor
Augusta, Maine 04333-0017



Re: Asbestos Air Sampling at 1 Point East Road property located in Wiscasset, Maine.

AQM Project #: 23-674

Air Quality Management Services, Inc. (AQM) conducted Personal Exposure Monitoring and General Air Sampling to determine exposure to asbestos fibers at your request on September 13th, 2023 at the above location. This assessment was requested to determine levels of airborne asbestos fibers / structures in areas at breathing zone (personal exposure) and inside and outside of the Building (general air sampling).

I. Background

There is a concern of asbestos exposure to individuals that enter the Building and asbestos fibers / structures migrating outside of the Building. Asbestos is known to be in the Building and in poor condition.

II. Testing

Asbestos General Air Samples: Air samples were collected during work actions while inside the Building. Two samples were collected inside the Building as well as outside the Building. These samples were submitted to the Laboratory for analysis by Transmission Electron Microscopy (TEM) performed by EPA Level II. AQM chose this method as analysis is asbestos specific.

Personal Exposure Monitoring: Air samples were collected during work actions while inside the Building. These samples were submitted to the Laboratory for analysis by Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 2, 8/15/94 (with 8-Hour Time Weighted Average). These air samples were collected in the breathing zone of the individual(s) being tested. A Short Term Exposure (STEL) sample was also collected. This STEL sample was collected over a 30-Minute period.

These air samples were submitted to EMSL Analytical located in Cinnaminson, New Jersey. Samples were collected by Mr. Randy Geoffroy of AQM; a State of Maine DEP certified and licensed Air Monitor.

III. Observations (see photos for examples and more details)

- It should be noted that there was periods of rain during this sampling event and that roof drains appeared to be leaking into the interior of the Building. This may wet building materials (i.e. asbestos) controlling release of fibers in air. It should be known that water is used in the Asbestos Abatement industry to control release of asbestos fibers during removal actions and protect workers from exposure to asbestos.

IV. Results

TEM Asbestos Air Sampling (refer to lab report for full details)

Sample #	Sample Description	Run Time (Minutes)	Calibration (L/Min)	Sample Volume (L)	Result	Concentration (S/mm ²)
BI-A-01	Interior Near Units 1&2	120	10	1200	2	15.00
BI-A-02	Interior Near Units 3&4	120	10	1200	2	15.00
BE-A-03	Exterior Near Main Entry	120	10	1200	ND	----
BE-A-04	Exterior North East Side	120	10	120	ND	----
BE/I-A-08	Method Blank	----	----	----	ND	----

ND = None Detected N/A = Not Analyzed L = Liters (of air) Min = Minutes Result = Asbestos Structures S/cc = Structures per millimeter squared

Two Asbestos Structures were identified in each Interior Air Samples (BI), as collected. Clearance Standard using this method is “must be less than or equal to 70 s/mm²”. Results from these air samples are well below this Clearance Standard.

Asbestos Structures were not identified in both Exterior Air Samples (BE).

PCM Personal Exposure Monitoring (refer to lab report for full details)

Sample #	Sample Description	Start Time	Stop Time	Run Time (Minutes)	Calibration (L/Min)	Sample Volume (L)	Fiber Count (fiber/field)	Conc. (fib/cc)
PE-A-05	Chris Redmond (STEL)	10:20	10:50	30	2.0	60	<5.5/100	<0.045
PE-A-06	Brendan Auth	10:23	12:26	123	2.0	246	<5.5/100	<0.011
PE-A-07	Chris Redmond	10:47	12:36	109	2.0	218	<5.5/100	<0.012
PE-A-09	Field Blank	----	----	----	----	----	<5.5/100	----

ND = None Detected N/A = Not Analyzed L = Liters (of air) Min = Minutes (fib/cc) = Fibers per cubic centimeter

Result of each air sample collected in the Table above were found to be below the method detection limit.

IV. Results (Continued)

Time Weighted Average - TWA

Sample #	Sample Description	Calculated 8-Hour Time Weighted Average (fib/cc)
PE-A-06	Brendan Auth (normal operations inside Building)	0.003
PE-A-07	Chris Redmond (normal operations inside Building)	0.003

(fib/cc) = Fibers per cubic centimeter

The calculated time weighted average was found to be well below the Permissible Exposure Limit of 0.1 fibers per cubic centimeter of air.

V. Recommendations

None based on this set of sample results and conditions present during this sampling event. AQM would suggest continued monitoring when performing activities in the Building to determine levels of asbestos in air during activities. It is expected that asbestos materials will continue to deteriorate as the Building is open / subjected to elements (i.e. rain and wind).

AQM appreciates this opportunity to have aided in this project. In the event you have questions or require further assistance, please do not hesitate to contact us.

Sincerely,



Randy Geoffroy, CMI
MEDEP Certification # AM-0355

PHOTO DOCUMENTATION

AQM

Photo Oder – top to bottom left, top to bottom right



Location of air sample BI-A-01



Location of air sample BI-A-02



Location of air sample BE-A-03



Location of air sample BE-A-04

SUPPORTING DOCUMENTATION

AQM



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

04132500

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

Company : Air Quality Management Services		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: PO Box 2491		Third Party Billing requires written authorization from third party	
City: Lewiston	State/Province: ME	Zip/Postal Code: 04241	Country: United States
Report To (Name): Randy Geoffroy		Telephone #: 207-657-7360	
Email Address: See Account Notes		Fax #: 207-657-7361	Purchase Order: 23-674
Project Name/Number: 23-674 - Wiscasset		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: Maine		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input checked="" type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input checked="" type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Randy Geoffroy AM0355

Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
BI-A-01	Building Interior (Near Main Entry)	10:32 - 12:32 (1200L)	9/13/23
BI-A-02	Building Interior (Far Right Side)	10:40 - 12:40 (1200L)	
BE-A-03	Building Exterior (Near Main Entry)	10:30 - 12:30 (1200L)	
BE-A-04	Building Exterior (Far Right Side)	10:42 - 12:42 (1200L)	
PE-A-05	Chris Redmond (STEL) 10:20 - 10:50	10:20 - 10:50 (60L)	
PE-A-06	Brendan Auth (TWA)	10:23 - 12:26 (246L)	
PE-A-07	Chris Redmond (TWA)	10:47 - 12:36 (218L)	
BE/I-A-08	TEM Field Blank	----	

Client Sample # (s):	-	Total # of Samples:	9
Relinquished (Client):		Date:	9/13/23
Received (Lab):		Date:	9/14/23
Comments/Special Instructions:			

Email invoices to: connie@aqmservices.com

9 RL



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>

cinnaslab@EMSL.com

EMSL Order:	042322500
CustomerID:	AIRQ51A
CustomerPO:	23-674
ProjectID:	

Attn: **Randy Geoffroy**
Air Quality Management Services, Inc.
PO Box 2491
Lewiston, ME 04241

Phone: (207) 657-7360
 Fax:
 Received: 9/14/2023 09:30 AM
 Analysis Date: 9/20/2023
 Collected: 9/13/2023

Project: 23-674 - Wiscasset

Test Report: Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM), Selected Area Electron Diffraction (SAED), and Energy Dispersive X-Ray Microanalysis (EDX) - Performed by EPA Level II Method.

Sample	Volume (liters)	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Concentration		Notes
			Asbestos	Non-Asb.		(S/mm ²)	S/cc	
BI-A-01 042322500-0001	1200	Chrysotile	2		0.0024	15.00	0.0049	
BI-A-02 042322500-0002	1200	Chrysotile	2		0.0024	15.00	0.0049	
BE-A-03 042322500-0003	1200	None Detected			0.0024	<7.60	<0.0024	
BE-A-04 042322500-0004	1200	None Detected			0.0024	<7.60	<0.0024	
BE/I-A-08 042322500-0008		None Detected				<7.60		

Analyst(s)

Debbie Little (5)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, NYS ELAP 10872, PA ID# 68-00367

Initial report from 09/20/2023 18:14:59



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 042322500
Customer ID: AIRQ51A
Customer PO: 23-674
Project ID:

Attention: Randy Geoffroy
Air Quality Management Services, Inc.
PO Box 2491
Lewiston, ME 04241
Project: 23-674 - Wiscasset

Phone: (207) 657-7360
Fax:
Received Date: 09/14/2023 9:30 AM
Analysis Date: 09/18/2023
Collected Date: 09/13/2023

Test Report: Fiber Count by Phase Contrast Microscopy (PCM), NIOSH 7400 Method - A Rules, Revision 3, Issue 3, 6/15/2019 (with 8 Hour Time Weighted Average)

Other Samples

Sample	Activity	Sample Start Date	Sample End Date	Rate (l/min)	Volume (Liters)	Fibers	Field	LOD (fib/cc)	Fibers/mm ²	Fibers/cc
PE-A-09 042322500-0009	PCM Field Blank Field Blank	09/13/2023	09/13/2023			<5.5	100		<7.0	

Samples for Brendan Auth

Sample	Activity	Sample Start Date	Sample End Date	Rate (l/min)	Volume (Liters)	Fibers	Field	LOD (fib/cc)	Fibers/mm ²	Fibers/cc
PE-A-06 042322500-0006	Brendan Auth (TWA) Included in TWA	09/13/2023 10:23 AM	09/13/2023 12:26 PM	2	246	<5.5	100	0.011	<7.0	<0.011

Summary for Brendan Auth On 09/13/2023 **8 Hour Time-Weighted Average** **0.003 Fibers/cc**

Samples for Chris Redmond

Sample	Activity	Sample Start Date	Sample End Date	Rate (l/min)	Volume (Liters)	Fibers	Field	LOD (fib/cc)	Fibers/mm ²	Fibers/cc
PE-A-05 042322500-0005	Chris Redmond (STEL) 10:20-10:50 STEL (Customer) Not Included in TWA. Sample Overlaps with Sample 042322500-0007	09/13/2023 10:20 AM	09/13/2023 10:50 AM	2	60	<5.5	100	0.045	<7.0	<0.045
PE-A-07 042322500-0007	Chris Redmond (TWA) Included in TWA	09/13/2023 10:47 AM	09/13/2023 12:36 PM	2	218	<5.5	100	0.012	<7.0	<0.012

Summary for Chris Redmond On 09/13/2023 **8 Hour Time-Weighted Average** **0.003 Fibers/cc**

Report Comments: AA-0529

Analyst(s): _____

Amiri Lewis (4)

Samantha Rundstrom, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Limit of detection is 7 fibers/mm². Fiber counts outside the recommended fiber density range of the method (100-1300 f/mm²) have greater than optimal variability and are probably biased. Field blank results, when available, are used to blank correct results. NIOSH 7400 requires field blanks be submitted at a rate of 10%, with a minimum of 2 per set. Measurement of uncertainty available upon request. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Intra-laboratory Sr values: 5-20 fibers = 0.45, 21-50 fibers = 0.27, 51-100 fibers = 0.18. Inter-laboratory Sr Values (Average of EMSL round robin data) = 0.35. Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367, LA #04127

Initial report from: 09/18/2023 21:13:39



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix D



Steve Zayszly
Maine DEP
17 State House Station
Augusta ME 04333-0017

Project Reference: A1-0829
Laboratory Batch #: 2348761
Date Samples Received: 09/25/2023
Date Samples Analyzed: 10/03/2023
Date of Final Report: 10/03/2023

SAMPLE IDENTIFICATION:

Six (6) samples from Mason Station, 1 Point East Drive, Wiscasset, ME project were submitted by Cazmine Destefano on 09/25/2023

This bulk sample(s) was delivered to Optimum Analytical Consulting, LLC (Optimum) located in Salem, New Hampshire for asbestos content determination.

ANALYTICAL METHOD:

Analytical procedures were performed in accordance with the U.S. Environmental Protection Agency (EPA) Recommended Method for the Determination of Asbestos in Bulk Samples by Polarized Light Microscopy and Dispersion Staining (PLM/DS)(EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials). This report relates only to those samples analyzed, and may not be indicative of other similar appearing materials existing at this, or other sites. Quantification of asbestos content was determined by Calibrated Visual Estimation. Optimum is not responsible for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

In any given material, fibers with a small diameter (<0.25µm) may not be detected by the PLM method. Floor tile and other resinous bound materials may yield a false negative if the asbestos fibers are too small to be resolved using PLM. Additionally, there is currently no approved EPA analytical method to reliably confirm vermiculite as non-asbestos containing. Additional analytical methods may be required. Optimum Analytical recommends using Transmission Electron Microscopy (TEM) or other approved methods for a more definitive analysis.

Optimum will retain all samples for a minimum of three months. Further analysis or return of samples must be requested within this three month period to guarantee their availability. This report may not be reproduced except in full, without the written approval of Optimum Analytical and Consulting, LLC.

The client/laboratory shall not use the NVLAP and AIHA Logo or this test report in a way that constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology or the American Industrial Hygiene Association.

Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Point Count = .25%, 1000 Point Count = 0.1%; Present or Absent are observations made during a qualitative analysis.

This report is considered preliminary until signed by both the Laboratory Analyst and Laboratory Director or Supervisor. If you have any questions regarding this report, please do not hesitate to contact us.

Jamie L. Noel
Laboratory Director



OPTIMUM

Analytical and Consulting, LLC

85 Stiles Road, Suite 201, Salem, NH 03079 Phone: (603)-458-5247

CLIENT: Maine DEP
ADDRESS: 17 State House Station
CITY / STATE / ZIP: Augusta ME 04333-0017
CONTACT: Steve Zayszly
DESCRIPTION: PLM Analysis
LOCATION: Mason Station, 1 Point East Drive, Wiscasset, ME

BULK SAMPLE ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY

PLM (EPA-40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples, EPA-600/ R-93-116 Method for Determination of Asbestos in Bulk Building Materials) NVLAP Lab Code: 101433-0

ORDER #: 2348761
PROJECT #: A1-0829
DATE COLLECTED: 09/20/2023
COLLECTED BY: Cazmine Destefano
DATE RECEIVED: 09/25/2023
ANALYSIS DATE: 10/03/2023
REPORT DATE: 10/03/2023
ANALYST: Jamie Noel

REPORT OF ANALYSIS

Laboratory ID Sample No.	Sample Location Description	Layer No. Layer %	Asbestos Type	(%)	Non-Asbestos Components	(%)
2348761-001 MS#1	Mason Station - Floor Debris, Gray/White	LAYER 1 100%	Chrysotile Amosite Crocidolite	45% 15% 5%	Cellulose Fiber Binder/Filler	10% 25%
2348761-002 MS#2	Mason Station - Floor Debris, White	LAYER 1 100%	Chrysotile Amosite Crocidolite	45% 15% 5%	Cellulose Fiber Binder/Filler	10% 25%
2348761-003 MS#3	Mason Station - Floor Debris, Dark Gray	LAYER 1 100%	Chrysotile	2%	Cellulose Fiber Binder/Filler	1% 97%
2348761-004 MS#4	Mason Station - Floor Debris, Gray	LAYER 1 100%	Chrysotile Amosite	70% 15%	Cellulose Fiber Fibrous Glass Binder/Filler	8% 2% 5%
2348761-005 MS#5	LAYER 1 Mason Station - Floor Debris, Gray	LAYER 1 100%	Chrysotile Amosite	65% 15%	Cellulose Fiber Fibrous Glass Binder/Filler	8% 2% 10%
	LAYER 2 Bulk Material - Thick Black Material, Black	LAYER 2 100%	Chrysotile Amosite	15% 2%	Cellulose Fiber Binder/Filler	35% 48%
2348761-006 MS#6	Mason Station - Floor Debris, White	LAYER 1 100%	Chrysotile Amosite	85% 10%	Cellulose Fiber Binder/Filler	2% 3%

**Analyst
Signatory:** 
 Jamie Noel



2348761

State of Maine

Department of Environmental Protection
Lead & Asbestos Hazard Prevention Program
17 State House Station, Augusta, Maine 04333
TEL (207) 287-7688 FAX (207) 287-6220

Asbestos Bulk Building Material Chain of Custody Form

Laboratory: _____
MDEP Project Code: _____

Project Location:

Facility Name: MASON STATION
Street: 1 POINT EAST DRIVE
City: WISCASSET State: ME

MDEP Information:

Laboratory Billing to: MDEP/LAHHP
Laboratory Reports to: Sandy Moody
Telephone: (207)287-7751
Email: Sandy.J.Moody@maine.gov
Please Provide Results by Email
Positive Stop by Homogenous Group (HG #)
Turnaround Time: 5 Days
 As Soon As Possible

Analytical Method Requested:

- PLM (surfacing materials, TSI, cementitious materials)
- PLM NOB (floor tiles, asphalts, mastics, coatings, caulking, adhesives, glues)
- Point Count with Gravimetric
- Other: _____

Sample Date: SEPT 20, 2023 Sample Time: 10:30 Total Number of Samples: 6
Samplers Name: CAZIMUE J NESTEFANO Samplers Signature: [Signature]
AI-0829

Sample #	HG #	Sample Location	Material Description
MS # 1		MASON STATION FLOOR DEBRIS	GREEN MATERIAL
MS # 2		"	"
MS # 3		"	"
MS # 4		"	WHITE CEMENTITIOUS
MS # 5		"	WHITISH
MS # 6		"	"

Relinquished by: [Signature] Date: SEPT 20, 2023 Time: 1525
 Relinquished by: [Signature] Date: 9-20-23 Time: 10:45
 Received by: [Signature] Date: 9/25/23 Time: 8:00

Comments/Special Instructions: **Positive Stop by Homogenous Group (HG #)**



ANALYTICAL REPORT

Lab Number:	L2353020
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	10/10/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353020-01	SD-411	SOIL	WISCASSETT MAINE	09/12/23 13:30	09/12/23
L2353020-02	SD-402	SOIL	WISCASSETT MAINE	09/12/23 11:10	09/12/23
L2353020-03	SD-405	SOIL	WISCASSETT MAINE	09/12/23 13:25	09/12/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Case Narrative (continued)

Report Submission

October 10, 2023: This final report includes the results of all requested analyses.

September 26, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2353020-01, -02, and -03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to excessive sample weight. A High Level analysis was performed and reported.

The WG1832190-4 LCSD recovery, associated with L2353020-02, is below the individual acceptance criteria for trichlorofluoromethane (68%), but within the overall method allowances. The results of the associated sample are reported; however, all results for this compound are considered to have a potentially low bias.

Semivolatile Organics by SIM

L2353020-01D and -03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

L2353020-02D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2353020-02D: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Case Narrative (continued)

VPH

L2353020-01, -02, and -03: The sample was outside the recommended 1:1 methanol:soil ratio due to the amount of soil provided in the sample vial.

L2353020-01: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (188%) and 2,5-dibromotoluene-fid (192%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353020-02: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (141%) and 2,5-dibromotoluene-fid (145%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353020-03: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (169%) and 2,5-dibromotoluene-fid (173%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

Total Metals

The WG1827018-3 MS recoveries for aluminum (395%), iron (0%), and manganese (0%), performed on L2353020-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1827018-3 MS recoveries, performed on L2353020-01, are outside the acceptance criteria for arsenic (74%), copper (67%), lead (71%), sodium (69%), and vanadium (20%). A post digestion spike was performed and was within acceptance criteria.

The WG1827018-4 Laboratory Duplicate RPDs for barium (46%), calcium (29%), chromium (42%), lead (21%), potassium (38%), and vanadium (26%), performed on L2353020-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 10/10/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 15:32
 Analyst: JIC
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	120	1
1,1-Dichloroethane	ND		ug/kg	51	7.4	1
Chloroform	ND		ug/kg	76	7.1	1
Carbon tetrachloride	ND		ug/kg	51	12.	1
1,2-Dichloropropane	ND		ug/kg	51	6.3	1
Dibromochloromethane	ND		ug/kg	51	7.1	1
1,1,2-Trichloroethane	ND		ug/kg	51	14.	1
Tetrachloroethene	ND		ug/kg	25	9.9	1
Chlorobenzene	ND		ug/kg	25	6.4	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	51	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.5	1
Bromodichloromethane	ND		ug/kg	25	5.5	1
1,1-Dichloropropene	ND		ug/kg	25	8.1	1
Bromoform	ND		ug/kg	200	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	8.4	1
Benzene	ND		ug/kg	25	8.4	1
Toluene	ND		ug/kg	51	28.	1
Ethylbenzene	ND		ug/kg	51	7.1	1
Chloromethane	ND		ug/kg	200	47.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	51	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	51	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	76	6.9	1
Trichloroethene	ND		ug/kg	25	6.9	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.3	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.5	1

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	100	8.7	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	51	15.	1
Xylenes, Total	ND		ug/kg	51	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	51	8.9	1
1,2-Dichloroethene, Total	ND		ug/kg	51	6.9	1
Dibromomethane	ND		ug/kg	100	12.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.4	1
Styrene	ND		ug/kg	51	9.9	1
Dichlorodifluoromethane	ND		ug/kg	510	46.	1
Acetone	ND		ug/kg	510	240	1
Carbon disulfide	ND		ug/kg	510	230	1
2-Butanone	ND		ug/kg	510	110	1
4-Methyl-2-pentanone	ND		ug/kg	510	65.	1
2-Hexanone	ND		ug/kg	510	60.	1
Bromochloromethane	ND		ug/kg	100	10.	1
Tetrahydrofuran	ND		ug/kg	200	81.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	51	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.5	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.7	1
Bromobenzene	ND		ug/kg	100	7.4	1
n-Butylbenzene	ND		ug/kg	51	8.5	1
sec-Butylbenzene	ND		ug/kg	51	7.4	1
tert-Butylbenzene	ND		ug/kg	100	6.0	1
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.8	1
o-Chlorotoluene	ND		ug/kg	100	9.7	1
p-Chlorotoluene	ND		ug/kg	100	5.5	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.6	1
Isopropylbenzene	ND		ug/kg	51	5.5	1
p-Isopropyltoluene	ND		ug/kg	51	5.5	1
Naphthalene	ND		ug/kg	200	33.	1
n-Propylbenzene	ND		ug/kg	51	8.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.	1
Ethyl ether	ND		ug/kg	100	17.	1
Diisopropyl Ether	ND		ug/kg	100	11.	1
Tert-Butyl Alcohol	ND		ug/kg	1000	260	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.5	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	98		70-130

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/26/23 00:18
 Analyst: JIC
 Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	62	9.0	1
Chloroform	ND		ug/kg	93	8.7	1
Carbon tetrachloride	ND		ug/kg	62	14.	1
1,2-Dichloropropane	ND		ug/kg	62	7.8	1
Dibromochloromethane	ND		ug/kg	62	8.7	1
1,1,2-Trichloroethane	ND		ug/kg	62	17.	1
Tetrachloroethene	ND		ug/kg	31	12.	1
Chlorobenzene	ND		ug/kg	31	7.9	1
Trichlorofluoromethane	ND		ug/kg	250	43.	1
1,2-Dichloroethane	ND		ug/kg	62	16.	1
1,1,1-Trichloroethane	ND		ug/kg	31	10.	1
Bromodichloromethane	ND		ug/kg	31	6.8	1
1,1-Dichloropropene	ND		ug/kg	31	9.9	1
Bromoform	ND		ug/kg	250	15.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	ND		ug/kg	31	10.	1
Toluene	ND		ug/kg	62	34.	1
Ethylbenzene	ND		ug/kg	62	8.8	1
Chloromethane	ND		ug/kg	250	58.	1
Bromomethane	ND		ug/kg	120	36.	1
Vinyl chloride	ND		ug/kg	62	21.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	62	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	93	8.5	1
Trichloroethene	ND		ug/kg	31	8.5	1
1,2-Dichlorobenzene	ND		ug/kg	120	9.0	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.2	1

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	120	11.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	35.	1
o-Xylene	ND		ug/kg	62	18.	1
Xylenes, Total	ND		ug/kg	62	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	62	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	62	8.5	1
Dibromomethane	ND		ug/kg	120	15.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.9	1
Styrene	ND		ug/kg	62	12.	1
Dichlorodifluoromethane	ND		ug/kg	620	57.	1
Acetone	ND		ug/kg	620	300	1
Carbon disulfide	ND		ug/kg	620	280	1
2-Butanone	ND		ug/kg	620	140	1
4-Methyl-2-pentanone	ND		ug/kg	620	80.	1
2-Hexanone	ND		ug/kg	620	73.	1
Bromochloromethane	ND		ug/kg	120	13.	1
Tetrahydrofuran	ND		ug/kg	250	99.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	62	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	31	8.2	1
Bromobenzene	ND		ug/kg	120	9.0	1
n-Butylbenzene	ND		ug/kg	62	10.	1
sec-Butylbenzene	ND		ug/kg	62	9.1	1
tert-Butylbenzene	ND		ug/kg	120	7.3	1
1,3,5-Trichlorobenzene	ND		ug/kg	120	11.	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	62.	1
Hexachlorobutadiene	ND		ug/kg	250	10.	1
Isopropylbenzene	ND		ug/kg	62	6.8	1
p-Isopropyltoluene	ND		ug/kg	62	6.8	1
Naphthalene	230	J	ug/kg	250	40.	1
n-Propylbenzene	ND		ug/kg	62	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	21.	1
Ethyl ether	ND		ug/kg	120	21.	1
Diisopropyl Ether	ND		ug/kg	120	13.	1
Tert-Butyl Alcohol	ND		ug/kg	1200	320	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	120	8.0	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	120	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	84		70-130

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 13:48
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	230	100	1
1,1-Dichloroethane	ND		ug/kg	46	6.7	1
Chloroform	ND		ug/kg	69	6.4	1
Carbon tetrachloride	ND		ug/kg	46	11.	1
1,2-Dichloropropane	ND		ug/kg	46	5.8	1
Dibromochloromethane	ND		ug/kg	46	6.4	1
1,1,2-Trichloroethane	ND		ug/kg	46	12.	1
Tetrachloroethene	ND		ug/kg	23	9.0	1
Chlorobenzene	ND		ug/kg	23	5.9	1
Trichlorofluoromethane	ND		ug/kg	180	32.	1
1,2-Dichloroethane	ND		ug/kg	46	12.	1
1,1,1-Trichloroethane	ND		ug/kg	23	7.7	1
Bromodichloromethane	ND		ug/kg	23	5.0	1
1,1-Dichloropropene	ND		ug/kg	23	7.3	1
Bromoform	ND		ug/kg	180	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	7.6	1
Benzene	ND		ug/kg	23	7.6	1
Toluene	ND		ug/kg	46	25.	1
Ethylbenzene	ND		ug/kg	46	6.5	1
Chloromethane	ND		ug/kg	180	43.	1
Bromomethane	ND		ug/kg	92	27.	1
Vinyl chloride	ND		ug/kg	46	15.	1
Chloroethane	ND		ug/kg	92	21.	1
1,1-Dichloroethene	ND		ug/kg	46	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	69	6.3	1
Trichloroethene	ND		ug/kg	23	6.3	1
1,2-Dichlorobenzene	ND		ug/kg	92	6.6	1
1,3-Dichlorobenzene	ND		ug/kg	92	6.8	1

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	92	7.9	1
Methyl tert butyl ether	ND		ug/kg	92	9.3	1
p/m-Xylene	ND		ug/kg	92	26.	1
o-Xylene	ND		ug/kg	46	13.	1
Xylenes, Total	ND		ug/kg	46	13.	1
cis-1,2-Dichloroethene	ND		ug/kg	46	8.1	1
1,2-Dichloroethene, Total	ND		ug/kg	46	6.3	1
Dibromomethane	ND		ug/kg	92	11.	1
1,2,3-Trichloropropane	ND		ug/kg	92	5.9	1
Styrene	ND		ug/kg	46	9.0	1
Dichlorodifluoromethane	ND		ug/kg	460	42.	1
Acetone	ND		ug/kg	460	220	1
Carbon disulfide	ND		ug/kg	460	210	1
2-Butanone	ND		ug/kg	460	100	1
4-Methyl-2-pentanone	ND		ug/kg	460	59.	1
2-Hexanone	ND		ug/kg	460	54.	1
Bromochloromethane	ND		ug/kg	92	9.4	1
Tetrahydrofuran	ND		ug/kg	180	73.	1
2,2-Dichloropropane	ND		ug/kg	92	9.3	1
1,2-Dibromoethane	ND		ug/kg	46	13.	1
1,3-Dichloropropane	ND		ug/kg	92	7.7	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	6.1	1
Bromobenzene	ND		ug/kg	92	6.7	1
n-Butylbenzene	ND		ug/kg	46	7.7	1
sec-Butylbenzene	ND		ug/kg	46	6.7	1
tert-Butylbenzene	ND		ug/kg	92	5.4	1
1,3,5-Trichlorobenzene	ND		ug/kg	92	8.0	1
o-Chlorotoluene	ND		ug/kg	92	8.8	1
p-Chlorotoluene	ND		ug/kg	92	5.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	46.	1
Hexachlorobutadiene	ND		ug/kg	180	7.8	1
Isopropylbenzene	ND		ug/kg	46	5.0	1
p-Isopropyltoluene	ND		ug/kg	46	5.0	1
Naphthalene	ND		ug/kg	180	30.	1
n-Propylbenzene	ND		ug/kg	46	7.9	1
1,2,3-Trichlorobenzene	ND		ug/kg	92	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	92	12.	1

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	92	8.9	1
1,2,4-Trimethylbenzene	ND		ug/kg	92	15.	1
Ethyl ether	ND		ug/kg	92	16.	1
Diisopropyl Ether	ND		ug/kg	92	9.8	1
Tert-Butyl Alcohol	ND		ug/kg	920	240	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	92	5.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	92	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	98		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832190-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832190-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:20
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832190-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	84		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 09:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03 Batch: WG1832194-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 09:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03 Batch: WG1832194-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 09:53
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03 Batch: WG1832194-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832190-3 WG1832190-4								
Methylene chloride	83		80		70-130	4		30
1,1-Dichloroethane	84		81		70-130	4		30
Chloroform	83		80		70-130	4		30
Carbon tetrachloride	72		70		70-130	3		30
1,2-Dichloropropane	91		87		70-130	4		30
Dibromochloromethane	92		91		70-130	1		30
1,1,2-Trichloroethane	101		99		70-130	2		30
Tetrachloroethene	83		81		70-130	2		30
Chlorobenzene	90		88		70-130	2		30
Trichlorofluoromethane	70		68	Q	70-139	3		30
1,2-Dichloroethane	93		90		70-130	3		30
1,1,1-Trichloroethane	78		75		70-130	4		30
Bromodichloromethane	88		86		70-130	2		30
1,1-Dichloropropene	84		80		70-130	5		30
Bromoform	87		86		70-130	1		30
1,1,1,2-Tetrachloroethane	104		104		70-130	0		30
Benzene	86		83		70-130	4		30
Toluene	89		86		70-130	3		30
Ethylbenzene	90		88		70-130	2		30
Chloromethane	75		72		52-130	4		30
Bromomethane	76		73		57-147	4		30
Vinyl chloride	76		72		67-130	5		30
Chloroethane	76		73		50-151	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832190-3 WG1832190-4								
1,1-Dichloroethene	75		73		65-135	3		30
trans-1,2-Dichloroethene	79		76		70-130	4		30
Trichloroethene	80		77		70-130	4		30
1,2-Dichlorobenzene	90		88		70-130	2		30
1,3-Dichlorobenzene	89		88		70-130	1		30
1,4-Dichlorobenzene	87		86		70-130	1		30
Methyl tert butyl ether	104		102		66-130	2		30
p/m-Xylene	90		88		70-130	2		30
o-Xylene	92		90		70-130	2		30
cis-1,2-Dichloroethene	85		81		70-130	5		30
Dibromomethane	88		86		70-130	2		30
1,2,3-Trichloropropane	101		101		68-130	0		30
Styrene	95		92		70-130	3		30
Dichlorodifluoromethane	77		73		30-146	5		30
Acetone	68		69		54-140	1		30
Carbon disulfide	74		72		59-130	3		30
2-Butanone	76		77		70-130	1		30
4-Methyl-2-pentanone	100		98		70-130	2		30
2-Hexanone	90		87		70-130	3		30
Bromochloromethane	81		78		70-130	4		30
Tetrahydrofuran	86		85		66-130	1		30
2,2-Dichloropropane	80		79		70-130	1		30
1,2-Dibromoethane	93		91		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832190-3 WG1832190-4								
1,3-Dichloropropane	104		102		69-130	2		30
1,1,1,2-Tetrachloroethane	88		87		70-130	1		30
Bromobenzene	90		89		70-130	1		30
n-Butylbenzene	94		92		70-130	2		30
sec-Butylbenzene	89		86		70-130	3		30
tert-Butylbenzene	87		85		70-130	2		30
1,3,5-Trichlorobenzene	96		92		70-139	4		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	95		93		70-130	2		30
1,2-Dibromo-3-chloropropane	80		78		68-130	3		30
Hexachlorobutadiene	91		88		67-130	3		30
Isopropylbenzene	89		87		70-130	2		30
p-Isopropyltoluene	90		88		70-130	2		30
Naphthalene	94		92		70-130	2		30
n-Propylbenzene	92		90		70-130	2		30
1,2,3-Trichlorobenzene	98		96		70-130	2		30
1,2,4-Trichlorobenzene	100		97		70-130	3		30
1,3,5-Trimethylbenzene	90		89		70-130	1		30
1,2,4-Trimethylbenzene	93		92		70-130	1		30
Ethyl ether	99		97		67-130	2		30
Diisopropyl Ether	86		83		66-130	4		30
Tert-Butyl Alcohol	87		87		70-130	0		30
Ethyl-Tert-Butyl-Ether	96		93		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832190-3 WG1832190-4								
Tertiary-Amyl Methyl Ether	95		92		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	111		112		70-130
Dibromofluoromethane	87		87		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03 Batch: WG1832194-3 WG1832194-4								
Methylene chloride	87		84		70-130	4		30
1,1-Dichloroethane	90		85		70-130	6		30
Chloroform	92		89		70-130	3		30
Carbon tetrachloride	89		85		70-130	5		30
1,2-Dichloropropane	92		88		70-130	4		30
Dibromochloromethane	106		106		70-130	0		30
1,1,2-Trichloroethane	94		94		70-130	0		30
Tetrachloroethene	100		96		70-130	4		30
Chlorobenzene	96		92		70-130	4		30
Trichlorofluoromethane	92		88		70-139	4		30
1,2-Dichloroethane	94		93		70-130	1		30
1,1,1-Trichloroethane	96		92		70-130	4		30
Bromodichloromethane	99		96		70-130	3		30
1,1-Dichloropropene	92		88		70-130	4		30
Bromoform	106		107		70-130	1		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	91		87		70-130	4		30
Toluene	83		79		70-130	5		30
Ethylbenzene	89		85		70-130	5		30
Chloromethane	78		75		52-130	4		30
Bromomethane	85		79		57-147	7		30
Vinyl chloride	85		80		67-130	6		30
Chloroethane	87		81		50-151	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03 Batch: WG1832194-3 WG1832194-4								
1,1-Dichloroethene	93		88		65-135	6		30
trans-1,2-Dichloroethene	93		88		70-130	6		30
Trichloroethene	98		94		70-130	4		30
1,2-Dichlorobenzene	101		96		70-130	5		30
1,3-Dichlorobenzene	101		95		70-130	6		30
1,4-Dichlorobenzene	101		95		70-130	6		30
Methyl tert butyl ether	109		110		66-130	1		30
p/m-Xylene	90		86		70-130	5		30
o-Xylene	96		91		70-130	5		30
cis-1,2-Dichloroethene	93		90		70-130	3		30
Dibromomethane	100		100		70-130	0		30
1,2,3-Trichloropropane	92		95		68-130	3		30
Styrene	96		92		70-130	4		30
Dichlorodifluoromethane	82		78		30-146	5		30
Acetone	101		107		54-140	6		30
Carbon disulfide	80		76		59-130	5		30
2-Butanone	97		103		70-130	6		30
4-Methyl-2-pentanone	93		101		70-130	8		30
2-Hexanone	92		98		70-130	6		30
Bromochloromethane	104		102		70-130	2		30
Tetrahydrofuran	91		100		66-130	9		30
2,2-Dichloropropane	93		89		70-130	4		30
1,2-Dibromoethane	104		105		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03 Batch: WG1832194-3 WG1832194-4								
1,3-Dichloropropane	93		93		69-130	0		30
1,1,1,2-Tetrachloroethane	101		98		70-130	3		30
Bromobenzene	101		96		70-130	5		30
n-Butylbenzene	90		84		70-130	7		30
sec-Butylbenzene	91		86		70-130	6		30
tert-Butylbenzene	93		87		70-130	7		30
1,3,5-Trichlorobenzene	110		102		70-139	8		30
o-Chlorotoluene	89		83		70-130	7		30
p-Chlorotoluene	90		84		70-130	7		30
1,2-Dibromo-3-chloropropane	94		100		68-130	6		30
Hexachlorobutadiene	108		100		67-130	8		30
Isopropylbenzene	91		84		70-130	8		30
p-Isopropyltoluene	94		89		70-130	5		30
Naphthalene	116		118		70-130	2		30
n-Propylbenzene	90		84		70-130	7		30
1,2,3-Trichlorobenzene	126		122		70-130	3		30
1,2,4-Trichlorobenzene	119		113		70-130	5		30
1,3,5-Trimethylbenzene	92		86		70-130	7		30
1,2,4-Trimethylbenzene	94		89		70-130	5		30
Ethyl ether	105		104		67-130	1		30
Diisopropyl Ether	90		87		66-130	3		30
Tert-Butyl Alcohol	104		119		70-130	13		30
Ethyl-Tert-Butyl-Ether	96		95		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03 Batch: WG1832194-3 WG1832194-4								
Tertiary-Amyl Methyl Ether	100		100		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	94		97		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	95		93		70-130
Dibromofluoromethane	100		101		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/24/23 21:22
 Analyst: LJG
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	710	230	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	37.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	37.	1
Azobenzene	ND		ug/kg	210	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Isophorone	ND		ug/kg	190	28.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	41.	1
Di-n-octylphthalate	ND		ug/kg	210	73.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Biphenyl	36	J	ug/kg	490	28.	1
Aniline	ND		ug/kg	260	100	1
4-Chloroaniline	ND		ug/kg	210	39.	1

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	89.	1
Dibenzofuran	330		ug/kg	210	20.	1
n-Nitrosodimethylamine	ND		ug/kg	430	41.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	71.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Benzoic Acid	ND		ug/kg	690	220	1
Benzyl Alcohol	ND		ug/kg	210	66.	1
Carbazole	530		ug/kg	210	21.	1
Pyridine	ND		ug/kg	230	81.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	77		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-01 D
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/25/23 14:33
 Analyst: JJW
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	440		ug/kg	43	9.0	5
2-Chloronaphthalene	ND		ug/kg	43	5.6	5
Fluoranthene	3700		ug/kg	43	3.0	5
Hexachlorobutadiene	ND		ug/kg	43	6.0	5
Naphthalene	170		ug/kg	43	7.7	5
Benzo(a)anthracene	1400		ug/kg	43	4.1	5
Benzo(a)pyrene	1300		ug/kg	43	5.1	5
Benzo(b)fluoranthene	1600		ug/kg	43	4.1	5
Benzo(k)fluoranthene	540		ug/kg	43	3.8	5
Chrysene	1300		ug/kg	43	3.2	5
Acenaphthylene	88		ug/kg	43	5.4	5
Anthracene	670		ug/kg	43	3.4	5
Benzo(ghi)perylene	640		ug/kg	43	3.6	5
Fluorene	370		ug/kg	43	5.1	5
Phenanthrene	3400		ug/kg	43	3.6	5
Dibenzo(a,h)anthracene	140		ug/kg	43	4.3	5
Indeno(1,2,3-cd)Pyrene	770		ug/kg	43	5.1	5
Pyrene	2900		ug/kg	43	3.0	5
1-Methylnaphthalene	87		ug/kg	43	6.6	5
2-Methylnaphthalene	140		ug/kg	43	12.	5
Pentachlorophenol	ND		ug/kg	170	19.	5
Hexachlorobenzene	ND		ug/kg	43	4.5	5
Hexachloroethane	ND		ug/kg	43	7.9	5

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01 D

Date Collected: 09/12/23 13:30

Client ID: SD-411

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	93		30-120
2,4,6-Tribromophenol	60		10-136
4-Terphenyl-d14	77		18-120

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/24/23 21:46
 Analyst: LJG
 Percent Solids: 72%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	760	250	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Azobenzene	ND		ug/kg	230	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Isophorone	ND		ug/kg	210	30.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Biphenyl	400	J	ug/kg	520	30.	1
Aniline	ND		ug/kg	280	110	1
4-Chloroaniline	ND		ug/kg	230	42.	1

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	2800		ug/kg	230	22.	1
n-Nitrosodimethylamine	ND		ug/kg	460	44.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	86.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	740	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	5100		ug/kg	230	22.	1
Pyridine	ND		ug/kg	250	87.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	79		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-02 D2
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/25/23 16:23
 Analyst: JJW
 Percent Solids: 72%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Fluoranthene	47000		ug/kg	920	64.	100
Benzo(a)anthracene	27000		ug/kg	920	87.	100
Benzo(a)pyrene	26000		ug/kg	920	110	100
Benzo(b)fluoranthene	34000		ug/kg	920	87.	100
Chrysene	24000		ug/kg	920	69.	100
Benzo(ghi)perylene	13000		ug/kg	920	78.	100
Phenanthrene	44000		ug/kg	920	78.	100
Indeno(1,2,3-cd)Pyrene	16000		ug/kg	920	110	100
Pyrene	35000		ug/kg	920	64.	100

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-02 D
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/25/23 16:07
 Analyst: JJW
 Percent Solids: 72%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	5500		ug/kg	92	19.	10
2-Chloronaphthalene	ND		ug/kg	92	12.	10
Fluoranthene	34000	E	ug/kg	92	6.4	10
Hexachlorobutadiene	ND		ug/kg	92	13.	10
Naphthalene	3600		ug/kg	92	16.	10
Benzo(a)anthracene	24000	E	ug/kg	92	8.7	10
Benzo(a)pyrene	23000	E	ug/kg	92	11.	10
Benzo(b)fluoranthene	30000	E	ug/kg	92	8.7	10
Benzo(k)fluoranthene	8500		ug/kg	92	8.3	10
Chrysene	21000	E	ug/kg	92	6.9	10
Acenaphthylene	100		ug/kg	92	11.	10
Anthracene	7900		ug/kg	92	7.4	10
Benzo(ghi)perylene	11000	E	ug/kg	92	7.8	10
Fluorene	4000		ug/kg	92	11.	10
Phenanthrene	35000	E	ug/kg	92	7.8	10
Dibenzo(a,h)anthracene	2800		ug/kg	92	9.2	10
Indeno(1,2,3-cd)Pyrene	14000	E	ug/kg	92	11.	10
Pyrene	28000	E	ug/kg	92	6.4	10
1-Methylnaphthalene	830		ug/kg	92	14.	10
2-Methylnaphthalene	1200		ug/kg	92	26.	10
Pentachlorophenol	ND		ug/kg	370	40.	10
Hexachlorobenzene	ND		ug/kg	92	9.6	10
Hexachloroethane	ND		ug/kg	92	17.	10

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02 D

Date Collected: 09/12/23 11:10

Client ID: SD-402

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	74		10-136
4-Terphenyl-d14	56		18-120

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/24/23 22:10
 Analyst: LJG
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Biphenyl	ND		ug/kg	450	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	53	J	ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	130	J	ug/kg	200	19.	1
Pyridine	ND		ug/kg	210	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	76		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-03 D
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/25/23 15:50
 Analyst: JJW
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 00:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	100		ug/kg	40	8.4	5
2-Chloronaphthalene	ND		ug/kg	40	5.2	5
Fluoranthene	1700		ug/kg	40	2.8	5
Hexachlorobutadiene	ND		ug/kg	40	5.6	5
Naphthalene	46		ug/kg	40	7.2	5
Benzo(a)anthracene	1100		ug/kg	40	3.8	5
Benzo(a)pyrene	1000		ug/kg	40	4.8	5
Benzo(b)fluoranthene	1400		ug/kg	40	3.8	5
Benzo(k)fluoranthene	440		ug/kg	40	3.6	5
Chrysene	1000		ug/kg	40	3.0	5
Acenaphthylene	66		ug/kg	40	5.0	5
Anthracene	180		ug/kg	40	3.2	5
Benzo(ghi)perylene	420		ug/kg	40	3.4	5
Fluorene	76		ug/kg	40	4.8	5
Phenanthrene	1000		ug/kg	40	3.4	5
Dibenzo(a,h)anthracene	100		ug/kg	40	4.0	5
Indeno(1,2,3-cd)Pyrene	530		ug/kg	40	4.8	5
Pyrene	1400		ug/kg	40	2.8	5
1-Methylnaphthalene	16	J	ug/kg	40	6.2	5
2-Methylnaphthalene	22	J	ug/kg	40	11.	5
Pentachlorophenol	ND		ug/kg	160	18.	5
Hexachlorobenzene	ND		ug/kg	40	4.2	5
Hexachloroethane	ND		ug/kg	40	7.4	5

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03 D

Date Collected: 09/12/23 13:25

Client ID: SD-405

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	57		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/24/23 18:59
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1830995-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	550	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	22.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/24/23 18:59
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1830995-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
Aniline	ND		ug/kg	200	78.
4-Chloroaniline	ND		ug/kg	160	30.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	69.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/24/23 18:59
Analyst: LJG

Extraction Method: EPA 3546
Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1830995-1					
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	800	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
Pyridine	ND		ug/kg	180	63.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	84		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/24/23 05:24
Analyst: RP

Extraction Method: EPA 3546
Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1830996-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.86
Fluoranthene	ND		ug/kg	6.6	0.46
Hexachlorobutadiene	ND		ug/kg	6.6	0.93
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	ND		ug/kg	6.6	0.63
Benzo(a)pyrene	ND		ug/kg	6.6	0.80
Benzo(b)fluoranthene	ND		ug/kg	6.6	0.63
Benzo(k)fluoranthene	ND		ug/kg	6.6	0.60
Chrysene	ND		ug/kg	6.6	0.50
Acenaphthylene	ND		ug/kg	6.6	0.83
Anthracene	ND		ug/kg	6.6	0.53
Benzo(ghi)perylene	ND		ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.80
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	ND		ug/kg	6.6	0.66
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	6.6	0.80
Pyrene	ND		ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9
Pentachlorophenol	ND		ug/kg	26	2.9
Hexachlorobenzene	ND		ug/kg	6.6	0.70
Hexachloroethane	ND		ug/kg	6.6	1.2

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/24/23 05:24
Analyst: RP

Extraction Method: EPA 3546
Extraction Date: 09/23/23 00:57

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1830996-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	66		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	48		10-136
4-Terphenyl-d14	69		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1830995-2 WG1830995-3								
Acenaphthene	78		77		31-137	1		50
Benidine	15		15		10-66	0		50
1,2,4-Trichlorobenzene	80		75		38-107	6		50
Hexachlorobenzene	92		92		40-140	0		50
Bis(2-chloroethyl)ether	69		67		40-140	3		50
2-Chloronaphthalene	82		81		40-140	1		50
1,2-Dichlorobenzene	75		71		40-140	5		50
1,3-Dichlorobenzene	73		72		40-140	1		50
1,4-Dichlorobenzene	75		70		28-104	7		50
3,3'-Dichlorobenzidine	72		67		40-140	7		50
2,4-Dinitrotoluene	85		81		40-132	5		50
2,6-Dinitrotoluene	89		85		40-140	5		50
Azobenzene	73		72		40-140	1		50
Fluoranthene	80		78		40-140	3		50
4-Chlorophenyl phenyl ether	82		83		40-140	1		50
4-Bromophenyl phenyl ether	91		84		40-140	8		50
Bis(2-chloroisopropyl)ether	59		57		40-140	3		50
Bis(2-chloroethoxy)methane	72		69		40-117	4		50
Hexachlorobutadiene	86		83		40-140	4		50
Hexachlorocyclopentadiene	80		78		40-140	3		50
Hexachloroethane	71		70		40-140	1		50
Isophorone	68		66		40-140	3		50
Naphthalene	79		76		40-140	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1830995-2 WG1830995-3								
Nitrobenzene	72		69		40-140	4		50
NDPA/DPA	84		81		36-157	4		50
n-Nitrosodi-n-propylamine	70		67		32-121	4		50
Bis(2-ethylhexyl)phthalate	88		84		40-140	5		50
Butyl benzyl phthalate	77		75		40-140	3		50
Di-n-butylphthalate	81		77		40-140	5		50
Di-n-octylphthalate	86		80		40-140	7		50
Diethyl phthalate	79		79		40-140	0		50
Dimethyl phthalate	88		83		40-140	6		50
Benzo(a)anthracene	84		80		40-140	5		50
Benzo(a)pyrene	96		89		40-140	8		50
Benzo(b)fluoranthene	92		87		40-140	6		50
Benzo(k)fluoranthene	87		80		40-140	8		50
Chrysene	88		82		40-140	7		50
Acenaphthylene	86		83		40-140	4		50
Anthracene	82		80		40-140	2		50
Benzo(ghi)perylene	84		81		40-140	4		50
Fluorene	82		81		40-140	1		50
Phenanthrene	83		78		40-140	6		50
Dibenzo(a,h)anthracene	88		80		40-140	10		50
Indeno(1,2,3-cd)pyrene	85		81		40-140	5		50
Pyrene	81		77		35-142	5		50
Biphenyl	84		80		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1830995-2 WG1830995-3								
Aniline	58		55		40-140	5		50
4-Chloroaniline	63		64		40-140	2		50
1-Methylnaphthalene	79		77		26-130	3		50
2-Nitroaniline	85		81		47-134	5		50
3-Nitroaniline	66		63		26-129	5		50
4-Nitroaniline	77		76		41-125	1		50
Dibenzofuran	85		83		40-140	2		50
2-Methylnaphthalene	81		80		40-140	1		50
n-Nitrosodimethylamine	73		70		22-100	4		50
2,4,6-Trichlorophenol	94		89		30-130	5		50
p-Chloro-m-cresol	86		81		26-103	6		50
2-Chlorophenol	77		73		25-102	5		50
2,4-Dichlorophenol	85		80		30-130	6		50
2,4-Dimethylphenol	78		73		30-130	7		50
2-Nitrophenol	77		76		30-130	1		50
4-Nitrophenol	72		69		11-114	4		50
2,4-Dinitrophenol	73		74		4-130	1		50
4,6-Dinitro-o-cresol	84		85		10-130	1		50
Pentachlorophenol	90		86		17-109	5		50
Phenol	78		73		26-90	7		50
2-Methylphenol	78		74		30-130.	5		50
3-Methylphenol/4-Methylphenol	83		79		30-130	5		50
2,4,5-Trichlorophenol	94		92		30-130	2		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1830995-2 WG1830995-3								
Benzoic Acid	51		62		10-110	19		50
Benzyl Alcohol	80		75		40-140	6		50
Carbazole	82		78		54-128	5		50
Pyridine	34		34		10-93	0		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	74		71		25-120
Phenol-d6	77		73		10-120
Nitrobenzene-d5	70		65		23-120
2-Fluorobiphenyl	83		80		30-120
2,4,6-Tribromophenol	97		94		10-136
4-Terphenyl-d14	82		80		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1830996-2 WG1830996-3								
Acenaphthene	60		57		40-140	5		50
2-Chloronaphthalene	66		63		40-140	5		50
Fluoranthene	62		61		40-140	2		50
Hexachlorobutadiene	64		59		34-107	8		50
Naphthalene	63		59		40-140	7		50
Benzo(a)anthracene	64		63		40-140	2		50
Benzo(a)pyrene	69		69		40-140	0		50
Benzo(b)fluoranthene	61		61		40-140	0		50
Benzo(k)fluoranthene	60		59		40-140	2		50
Chrysene	58		58		40-140	0		50
Acenaphthylene	77		74		40-140	4		50
Anthracene	62		61		40-140	2		50
Benzo(ghi)perylene	59		59		40-140	0		50
Fluorene	63		62		40-140	2		50
Phenanthrene	58		57		40-140	2		50
Dibenzo(a,h)anthracene	66		66		40-140	0		50
Indeno(1,2,3-cd)Pyrene	81		79		40-140	3		50
Pyrene	62		62		35-142	0		50
1-Methylnaphthalene	65		61		40-140	6		50
2-Methylnaphthalene	68		64		40-140	6		50
Pentachlorophenol	59		55		17-109	7		50
Hexachlorobenzene	52		51		40-140	2		50
Hexachloroethane	65		59		29-106	10		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1830996-2 WG1830996-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	70		65		25-120
Phenol-d6	70		65		10-120
Nitrobenzene-d5	76		71		23-120
2-Fluorobiphenyl	67		64		30-120
2,4,6-Tribromophenol	51		50		10-136
4-Terphenyl-d14	65		64		18-120

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/24/23 22:37
 Analyst: BAD
 Percent Solids: 77%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.8

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	5.07	5.07	1
C9-C12 Aliphatics	ND		mg/kg	5.07	5.07	1
C9-C10 Aromatics	ND		mg/kg	5.07	5.07	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.07	5.07	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.07	5.07	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	188	Q	70-130
2,5-Dibromotoluene-FID	192	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/24/23 18:25
 Analyst: LMR
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 03:35
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/23/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.22	8.22	1
C19-C36 Aliphatics	19.5		mg/kg	8.22	8.22	1
C11-C22 Aromatics	62.8		mg/kg	8.22	8.22	1
C11-C22 Aromatics, Adjusted	37.6		mg/kg	8.22	8.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	62		40-140
2-Fluorobiphenyl	67		40-140
2-Bromonaphthalene	69		40-140

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/24/23 23:08
 Analyst: BAD
 Percent Solids: 72%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.6

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.22	6.22	1
C9-C12 Aliphatics	ND		mg/kg	6.22	6.22	1
C9-C10 Aromatics	ND		mg/kg	6.22	6.22	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.22	6.22	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.22	6.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	141	Q	70-130
2,5-Dibromotoluene-FID	145	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02 D
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/26/23 05:00
 Analyst: SC
 Percent Solids: 72%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 03:35
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/25/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	43.7	43.7	5
C19-C36 Aliphatics	48.0		mg/kg	43.7	43.7	5
C11-C22 Aromatics	748		mg/kg	43.7	43.7	5
C11-C22 Aromatics, Adjusted	311		mg/kg	43.7	43.7	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	52		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	75		40-140
2-Bromonaphthalene	80		40-140

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/24/23 23:38
 Analyst: BAD
 Percent Solids: 81%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1.8

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	4.61	4.61	1
C9-C12 Aliphatics	ND		mg/kg	4.61	4.61	1
C9-C10 Aromatics	ND		mg/kg	4.61	4.61	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.61	4.61	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.61	4.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	169	Q	70-130
2,5-Dibromotoluene-FID	173	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/24/23 14:43
 Analyst: LMR
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 09/23/23 03:35
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/23/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.11	8.11	1
C19-C36 Aliphatics	ND		mg/kg	8.11	8.11	1
C11-C22 Aromatics	35.4		mg/kg	8.11	8.11	1
C11-C22 Aromatics, Adjusted	17.9		mg/kg	8.11	8.11	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	63		40-140
o-Terphenyl	59		40-140
2-Fluorobiphenyl	64		40-140
2-Bromonaphthalene	65		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/24/23 12:15
Analyst: SR

Extraction Method: EPA 3546
Extraction Date: 09/23/23 02:53
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-03 Batch: WG1831011-1					
C9-C18 Aliphatics	ND		mg/kg	6.38	6.38
C19-C36 Aliphatics	ND		mg/kg	6.38	6.38
C11-C22 Aromatics	ND		mg/kg	6.38	6.38
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.38	6.38

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	69		40-140
2-Fluorobiphenyl	76		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/24/23 14:34
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-03 Batch: WG1831642-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics	ND		mg/kg	5.00	5.00
C9-C10 Aromatics	ND		mg/kg	5.00	5.00
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	86		70-130
2,5-Dibromotoluene-FID	86		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1831011-2 WG1831011-3								
C9-C18 Aliphatics	57		64		40-140	12		25
C19-C36 Aliphatics	73		80		40-140	9		25
C11-C22 Aromatics	67		77		40-140	14		25
Naphthalene	57		65		40-140	13		25
2-Methylnaphthalene	59		69		40-140	16		25
Acenaphthylene	56		66		40-140	16		25
Acenaphthene	60		71		40-140	17		25
Fluorene	64		75		40-140	16		25
Phenanthrene	67		78		40-140	15		25
Anthracene	67		77		40-140	14		25
Fluoranthene	68		78		40-140	14		25
Pyrene	70		80		40-140	13		25
Benzo(a)anthracene	68		78		40-140	14		25
Chrysene	69		80		40-140	15		25
Benzo(b)fluoranthene	67		76		40-140	13		25
Benzo(k)fluoranthene	62		71		40-140	14		25
Benzo(a)pyrene	70		80		40-140	13		25
Indeno(1,2,3-cd)Pyrene	67		77		40-140	14		25
Dibenzo(a,h)anthracene	64		73		40-140	13		25
Benzo(ghi)perylene	61		71		40-140	15		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1831011-2 WG1831011-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	69		73		40-140
o-Terphenyl	66		73		40-140
2-Fluorobiphenyl	66		68		40-140
2-Bromonaphthalene	68		70		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1831642-2 WG1831642-3								
C5-C8 Aliphatics	96		97		70-130	1		25
C9-C12 Aliphatics	98		96		70-130	2		25
C9-C10 Aromatics	98		98		70-130	1		25
Benzene	98		99		70-130	2		25
Toluene	99		100		70-130	1		25
Ethylbenzene	99		100		70-130	1		25
p/m-Xylene	97		98		70-130	1		25
o-Xylene	97		98		70-130	2		25
Methyl tert butyl ether	89		96		70-130	8		25
Naphthalene	92		100		70-130	8		25
1,2,4-Trimethylbenzene	98		98		70-130	1		25
Pentane	85		85		70-130	0		25
2-Methylpentane	98		98		70-130	0		25
2,2,4-Trimethylpentane	103		104		70-130	1		25
n-Nonane	98		96		30-130	2		25
n-Decane	94		90		70-130	4		25
n-Butylcyclohexane	101		102		70-130	1		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2,5-Dibromotoluene-PID	90		92		70-130
2,5-Dibromotoluene-FID	90		92		70-130



PCBS

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/26/23 11:30
 Analyst: MEO
 Percent Solids: 77%

Extraction Method: EPA 3540C
 Extraction Date: 09/23/23 09:25
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/24/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.5	5.54	1	A
Aroclor 1221	ND		ug/kg	37.5	6.26	1	A
Aroclor 1232	ND		ug/kg	37.5	13.2	1	A
Aroclor 1242	ND		ug/kg	37.5	8.42	1	A
Aroclor 1248	ND		ug/kg	25.0	9.36	1	A
Aroclor 1254	ND		ug/kg	37.5	6.83	1	A
Aroclor 1260	14.8	J	ug/kg	25.0	11.5	1	B
Aroclor 1262	ND		ug/kg	12.5	7.93	1	A
Aroclor 1268	ND		ug/kg	12.5	6.47	1	A
PCBs, Total	14.8	J	ug/kg	12.5	5.54	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-02
 Client ID: SD-402
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 11:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/26/23 11:40
 Analyst: MEO
 Percent Solids: 72%

Extraction Method: EPA 3540C
 Extraction Date: 09/23/23 09:25
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/24/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.2	6.10	1	A
Aroclor 1221	ND		ug/kg	41.2	6.89	1	A
Aroclor 1232	ND		ug/kg	41.2	14.6	1	A
Aroclor 1242	ND		ug/kg	41.2	9.27	1	A
Aroclor 1248	ND		ug/kg	27.5	10.3	1	A
Aroclor 1254	ND		ug/kg	41.2	7.52	1	A
Aroclor 1260	29.6		ug/kg	27.5	12.7	1	A
Aroclor 1262	ND		ug/kg	13.8	8.73	1	A
Aroclor 1268	19.7		ug/kg	13.8	7.12	1	A
PCBs, Total	49.3		ug/kg	13.8	6.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**SAMPLE RESULTS**

Lab ID: L2353020-03
 Client ID: SD-405
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:25
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/26/23 11:50
 Analyst: MEO
 Percent Solids: 81%

Extraction Method: EPA 3540C
 Extraction Date: 09/23/23 09:25
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/24/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	5.15	1	A
Aroclor 1221	ND		ug/kg	34.8	5.81	1	A
Aroclor 1232	ND		ug/kg	34.8	12.3	1	A
Aroclor 1242	ND		ug/kg	34.8	7.82	1	A
Aroclor 1248	ND		ug/kg	23.2	8.70	1	A
Aroclor 1254	ND		ug/kg	34.8	6.35	1	A
Aroclor 1260	16.6	J	ug/kg	23.2	10.7	1	A
Aroclor 1262	ND		ug/kg	11.6	7.37	1	A
Aroclor 1268	9.07	J	ug/kg	11.6	6.01	1	A
PCBs, Total	25.7	J	ug/kg	11.6	5.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	59		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 09/26/23 11:01
Analyst: MEO

Extraction Method: EPA 3540C
Extraction Date: 09/23/23 09:25
Cleanup Method: EPA 3665A
Cleanup Date: 09/24/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1831053-1						
Aroclor 1016	ND		ug/kg	28.0	4.14	A
Aroclor 1221	ND		ug/kg	28.0	4.67	A
Aroclor 1232	ND		ug/kg	28.0	9.88	A
Aroclor 1242	ND		ug/kg	28.0	6.28	A
Aroclor 1248	ND		ug/kg	18.6	6.99	A
Aroclor 1254	ND		ug/kg	28.0	5.10	A
Aroclor 1260	ND		ug/kg	18.6	8.61	A
Aroclor 1262	ND		ug/kg	9.32	5.92	A
Aroclor 1268	ND		ug/kg	9.32	4.83	A
PCBs, Total	ND		ug/kg	9.32	4.14	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	71		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1831053-2 WG1831053-3									
Aroclor 1016	69		72		40-140	4		50	A
Aroclor 1260	67		70		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		74		30-150	A
Decachlorobiphenyl	74		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		74		30-150	B
Decachlorobiphenyl	68		70		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-01
 Client ID: SD-411
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 13:30
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5900		mg/kg	120	18.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Antimony, Total	0.29	J	mg/kg	2.0	0.17	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Arsenic, Total	12		mg/kg	0.62	0.08	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Barium, Total	20		mg/kg	3.7	0.26	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.32	J	mg/kg	0.37	0.11	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.12	J	mg/kg	0.25	0.03	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Calcium, Total	1600		mg/kg	620	76.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Chromium, Total	19		mg/kg	2.5	0.58	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Cobalt, Total	5.4		mg/kg	0.62	0.07	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Copper, Total	28		mg/kg	2.5	0.24	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Iron, Total	26000		mg/kg	250	26.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Lead, Total	42		mg/kg	0.75	0.18	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Magnesium, Total	3800		mg/kg	120	15.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Manganese, Total	320		mg/kg	2.5	0.55	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Mercury, Total	0.076	J	mg/kg	0.096	0.062	1	09/15/23 02:05	09/20/23 10:34	EPA 7471B	1,7471B	GMG
Nickel, Total	28		mg/kg	1.2	0.33	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Potassium, Total	1900		mg/kg	120	20.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Selenium, Total	1.4	J	mg/kg	2.5	0.94	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Silver, Total	0.06	J	mg/kg	0.62	0.06	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Sodium, Total	2700		mg/kg	190	15.	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Thallium, Total	0.16	J	mg/kg	0.50	0.06	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Vanadium, Total	110		mg/kg	1.2	0.47	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF
Zinc, Total	55		mg/kg	12	3.2	10	09/15/23 01:29	09/19/23 21:13	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-02

Date Collected: 09/12/23 11:10

Client ID: SD-402

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4700		mg/kg	140	20.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Antimony, Total	2.4		mg/kg	2.2	0.18	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Arsenic, Total	17		mg/kg	0.68	0.09	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Barium, Total	40		mg/kg	4.1	0.29	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.24	J	mg/kg	0.41	0.12	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.29		mg/kg	0.27	0.04	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Calcium, Total	980		mg/kg	680	83.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Chromium, Total	46		mg/kg	2.7	0.64	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Cobalt, Total	18		mg/kg	0.68	0.07	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Copper, Total	360		mg/kg	2.7	0.26	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Iron, Total	160000		mg/kg	270	28.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Lead, Total	510		mg/kg	0.82	0.20	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Magnesium, Total	2700		mg/kg	140	17.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Manganese, Total	490		mg/kg	2.7	0.61	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.098	0.064	1	09/15/23 02:05	09/20/23 10:37	EPA 7471B	1,7471B	GMG
Nickel, Total	170		mg/kg	1.4	0.36	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Potassium, Total	1200		mg/kg	140	22.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Selenium, Total	1.5	J	mg/kg	2.7	1.0	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	0.68	0.07	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Sodium, Total	120	J	mg/kg	200	16.	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Thallium, Total	0.09	J	mg/kg	0.55	0.07	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Vanadium, Total	2900		mg/kg	1.4	0.52	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF
Zinc, Total	530		mg/kg	14	3.6	10	09/15/23 01:29	09/19/23 22:26	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-03

Date Collected: 09/12/23 13:25

Client ID: SD-405

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5500		mg/kg	120	18.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Antimony, Total	1.2	J	mg/kg	1.9	0.16	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Arsenic, Total	17		mg/kg	0.60	0.08	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Barium, Total	26		mg/kg	3.6	0.25	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.28	J	mg/kg	0.36	0.10	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.09	J	mg/kg	0.24	0.03	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Calcium, Total	7200		mg/kg	600	73.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Chromium, Total	110		mg/kg	2.4	0.56	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Cobalt, Total	12		mg/kg	0.60	0.06	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Copper, Total	290		mg/kg	2.4	0.23	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Iron, Total	140000		mg/kg	240	25.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Lead, Total	77		mg/kg	0.72	0.17	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Magnesium, Total	4100		mg/kg	120	15.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Manganese, Total	1100		mg/kg	2.4	0.53	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.094	0.061	1	09/15/23 02:05	09/20/23 10:41	EPA 7471B	1,7471B	GMG
Nickel, Total	260		mg/kg	1.2	0.32	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Potassium, Total	1700		mg/kg	120	19.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Selenium, Total	1.0	J	mg/kg	2.4	0.90	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	0.60	0.06	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Sodium, Total	2600		mg/kg	180	14.	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Thallium, Total	0.09	J	mg/kg	0.48	0.06	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Vanadium, Total	71		mg/kg	1.2	0.45	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF
Zinc, Total	53		mg/kg	12	3.1	10	09/15/23 01:29	09/19/23 22:31	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1827018-1									
Aluminum, Total	ND	mg/kg	100	15.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Antimony, Total	ND	mg/kg	1.6	0.14	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Arsenic, Total	ND	mg/kg	0.50	0.07	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Barium, Total	ND	mg/kg	3.0	0.21	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Beryllium, Total	ND	mg/kg	0.30	0.09	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Cadmium, Total	ND	mg/kg	0.20	0.03	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Calcium, Total	ND	mg/kg	500	61.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Chromium, Total	ND	mg/kg	2.0	0.47	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Cobalt, Total	ND	mg/kg	0.50	0.05	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Copper, Total	ND	mg/kg	2.0	0.19	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Iron, Total	ND	mg/kg	200	21.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Lead, Total	ND	mg/kg	0.60	0.15	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Magnesium, Total	ND	mg/kg	100	12.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Manganese, Total	ND	mg/kg	2.0	0.44	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Nickel, Total	ND	mg/kg	1.0	0.27	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Potassium, Total	ND	mg/kg	100	16.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Selenium, Total	ND	mg/kg	2.0	0.76	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Silver, Total	ND	mg/kg	0.50	0.05	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Sodium, Total	ND	mg/kg	150	12.	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Thallium, Total	ND	mg/kg	0.40	0.05	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Vanadium, Total	ND	mg/kg	1.0	0.38	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF
Zinc, Total	ND	mg/kg	10	2.6	10	09/15/23 01:29	09/19/23 21:58	1,6020B	EJF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1827019-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/15/23 02:05	09/20/23 09:51	1,7471B	GMG



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1827018-2 SRM Lot Number: D119-540								
Aluminum, Total	65		-		48-152	-		20
Antimony, Total	93		-		10-190	-		20
Arsenic, Total	104		-		83-117	-		20
Barium, Total	88		-		82-118	-		20
Beryllium, Total	93		-		83-117	-		20
Cadmium, Total	95		-		82-117	-		20
Calcium, Total	93		-		81-118	-		20
Chromium, Total	85		-		82-119	-		20
Cobalt, Total	88		-		83-117	-		20
Copper, Total	88		-		84-116	-		20
Iron, Total	78		-		60-140	-		20
Lead, Total	93		-		82-118	-		20
Magnesium, Total	83		-		76-124	-		20
Manganese, Total	89		-		82-118	-		20
Nickel, Total	89		-		82-117	-		20
Potassium, Total	84		-		70-130	-		20
Selenium, Total	101		-		79-121	-		20
Silver, Total	100		-		80-120	-		20
Sodium, Total	99		-		74-126	-		20
Thallium, Total	96		-		81-119	-		20
Vanadium, Total	83		-		79-121	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1827018-2 SRM Lot Number: D119-540					
Zinc, Total	94	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1827019-2 SRM Lot Number: D119-540					
Mercury, Total	113	-	73-127	-	

Matrix Spike Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1827018-3 QC Sample: L2353020-01 Client ID: SD-411												
Aluminum, Total	5900	202	6700	395	Q	-	-		75-125	-		20
Antimony, Total	0.29J	50.6	45	89		-	-		75-125	-		20
Arsenic, Total	12	12.1	21	74	Q	-	-		75-125	-		20
Barium, Total	20	202	220	99		-	-		75-125	-		20
Beryllium, Total	0.32J	5.06	5.0	99		-	-		75-125	-		20
Cadmium, Total	0.12J	5.36	5.4	101		-	-		75-125	-		20
Calcium, Total	1600	1010	2800	119		-	-		75-125	-		20
Chromium, Total	19	20.2	40	104		-	-		75-125	-		20
Cobalt, Total	5.4	50.6	49	86		-	-		75-125	-		20
Copper, Total	28	25.3	45	67	Q	-	-		75-125	-		20
Iron, Total	26000	101	18000	0	Q	-	-		75-125	-		20
Lead, Total	42	53.6	80	71	Q	-	-		75-125	-		20
Magnesium, Total	3800	1010	5000	119		-	-		75-125	-		20
Manganese, Total	320	50.6	290	0	Q	-	-		75-125	-		20
Nickel, Total	28	50.6	78	99		-	-		75-125	-		20
Potassium, Total	1900	1010	3100	119		-	-		75-125	-		20
Selenium, Total	1.4J	12.1	14	115		-	-		75-125	-		20
Silver, Total	0.06J	5.06	5.1	101		-	-		75-125	-		20
Sodium, Total	2700	1010	3400	69	Q	-	-		75-125	-		20
Thallium, Total	0.16J	12.1	12	99		-	-		75-125	-		20
Vanadium, Total	110	50.6	120	20	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1827018-3 QC Sample: L2353020-01 Client ID: SD-411									
Zinc, Total	55	50.6	110	109	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1827018-4 QC Sample: L2353020-01 Client ID: SD-411						
Aluminum, Total	5900	7200	mg/kg	20		20
Antimony, Total	0.29J	0.36J	mg/kg	NC		20
Arsenic, Total	12	12	mg/kg	0		20
Barium, Total	20	32	mg/kg	46	Q	20
Beryllium, Total	0.32J	0.29J	mg/kg	NC		20
Cadmium, Total	0.12J	0.17J	mg/kg	NC		20
Calcium, Total	1600	1200	mg/kg	29	Q	20
Chromium, Total	19	29	mg/kg	42	Q	20
Cobalt, Total	5.4	5.8	mg/kg	7		20
Copper, Total	28	26	mg/kg	7		20
Iron, Total	26000	24000	mg/kg	8		20
Lead, Total	42	52	mg/kg	21	Q	20
Magnesium, Total	3800	4600	mg/kg	19		20
Manganese, Total	320	290	mg/kg	10		20
Nickel, Total	28	30	mg/kg	7		20
Potassium, Total	1900	2800	mg/kg	38	Q	20
Selenium, Total	1.4J	1.6J	mg/kg	NC		20
Silver, Total	0.06J	ND	mg/kg	NC		20
Sodium, Total	2700	2800	mg/kg	4		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1827018-4 QC Sample: L2353020-01 Client ID: SD-411					
Thallium, Total	0.16J	0.30J	mg/kg	NC	20
Vanadium, Total	110	85	mg/kg	26 Q	20
Zinc, Total	55	49	mg/kg	12	20

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-01

Date Collected: 09/12/23 13:30

Client ID: SD-411

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.958		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	0.937		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	0.948		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	09/13/23 13:03	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-02

Date Collected: 09/12/23 11:10

Client ID: SD-402

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.62		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	2.15		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	2.39		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	72.0		%	0.100	NA	1	-	09/13/23 13:03	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

SAMPLE RESULTS

Lab ID: L2353020-03

Date Collected: 09/12/23 13:25

Client ID: SD-405

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	1.01		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	1.08		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	1.04		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	09/13/23 13:03	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353020

Project Number: Not Specified

Report Date: 10/10/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1826852-2										
Solids, Total	99.9		%	0.100	NA	1	-	09/13/23 13:03	121,2540G	ROI
Total Organic Carbon - Mansfield Lab for sample(s): 01-03 Batch: WG1837447-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-03 Batch: WG1837447-2								
Total Organic Carbon (Rep1)	92		-		75-125	-		25
Total Organic Carbon (Rep2)	112		-		75-125	-		25
Total Organic Carbon (Average)	102		-		75-125	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353020

Report Date: 10/10/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1826852-1 QC Sample: L2353020-01 Client ID: SD-411						
Solids, Total	77.0	75.4	%	2		20

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353020-01A	Vial MeOH preserved	C	NA		3.2	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353020-01B	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-01C	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-01D	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Present/Intact		ME-TS-2540(7)
L2353020-01E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Present/Intact		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2353020-01F	Glass 250ml/8oz unpreserved	C	NA		3.2	Y	Present/Intact		A2-TOC-9060-2REPS(28)
L2353020-01G	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Present/Intact		SUB-ASBESTOS()
L2353020-01X	Glass 60ml unpreserved split	C	NA		3.2	Y	Present/Intact		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353020-02A	Vial MeOH preserved	C	NA		3.2	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353020-02B	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-02C	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-02D	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Present/Intact		ME-TS-2540(7)

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:10102312:26
Lab Number: L2353020
Report Date: 10/10/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353020-02E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Present/Intact		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2353020-02F	Glass 250ml/8oz unpreserved	C	NA		3.2	Y	Present/Intact		A2-TOC-9060-2REPS(28)
L2353020-02G	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Present/Intact		SUB-ASBESTOS()
L2353020-02X	Glass 60ml unpreserved split	C	NA		3.2	Y	Present/Intact		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353020-02Y	Glass 250ml unpreserved split	C	NA		3.2	Y	Present/Intact		A2-TOC-9060-2REPS(28)
L2353020-03A	Vial MeOH preserved	C	NA		3.2	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353020-03B	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-03C	Vial water preserved	C	NA		3.2	Y	Present/Intact	13-SEP-23 03:34	8260HLW(14)
L2353020-03D	Plastic 2oz unpreserved for TS	C	NA		3.2	Y	Present/Intact		ME-TS-2540(7)
L2353020-03E	Metals Only-Glass 60mL/2oz unpreserved	C	NA		3.2	Y	Present/Intact		BA-6020T(180),TL-6020T(180),SE-6020T(180),FE-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2353020-03F	Glass 250ml/8oz unpreserved	C	NA		3.2	Y	Present/Intact		A2-TOC-9060-2REPS(28)
L2353020-03G	Glass 500ml/16oz unpreserved	C	NA		3.2	Y	Present/Intact		SUB-ASBESTOS()
L2353020-03X	Glass 60ml unpreserved split	C	NA		3.2	Y	Present/Intact		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

*Values in parentheses indicate holding time in days



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353020
Report Date: 10/10/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353020**Project Number:** Not Specified**Report Date:** 10/10/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Date Rec'd in Lab: 9/12/23

ALPHA Job #: L2353020

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181

Fax: Standard Rush (ONLY IF PRE-APPROVED)
 Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

ANALYSIS

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOC's EPA 8260D/5035 High Low	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Organic Carbon - EPA 9060A	PCB's - EPA 8082A Low Level	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - PLM (Subcontract)	Total Solids - SM 2540	Sample Specific Comments	
		Date	Time															
53020-01	SD-411	9/12/23	1330	SD	WOC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
-02	SD-402	↓	11:10	↓	GCE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
-03	SD-405	↓	13:25	↓	GCE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Container Type	V	G	G	G	V	G	G	G	G	G	P	-
Preservative	O	A	A	A	F	A	A	A	A	A	A	-

Relinquished By:	Date/Time	Received By:	Date/Time
A. Chris Brown	9/12/23 14:24	CM	9/12/23 14:24
CM	12 Sep 23	Henry Obery	9/12/23 15:28
Henry Obery	9/12/23 1:00	Henry Obery	9/12/23 1:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Handwritten notes and signatures at the bottom of the page, including 'westy' and 'int'.



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113846

Special _____

390 US Route One, #3
 Falmouth, Maine 04105

10 Iron Road
 Hermon, Maine 04401

Phone 207•848•7546 ■ Fax 207•561•2467

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>72 Center St</u>	Street <u>8 Walkup Dr</u>
Origin <u>Bowdoin ME</u> Zip Code <u>04412</u>	Destination <u>Westboro MA</u> Zip Code <u>01581</u>
Phone # _____	Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
1		Cooler			
TOTAL PIECES WEIGHT GRAND TOTAL TOTAL CHARGES					

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature [Signature]

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to the carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party by time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification in effect on the date of shipment.
 Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	PICK-UP TIME <u>8:00</u>	RECIPIENT <u>[Signature]</u>	DELIVERY TIME <u>2:10</u>
SHIPPER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>	COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>

RECIPIENT COPY

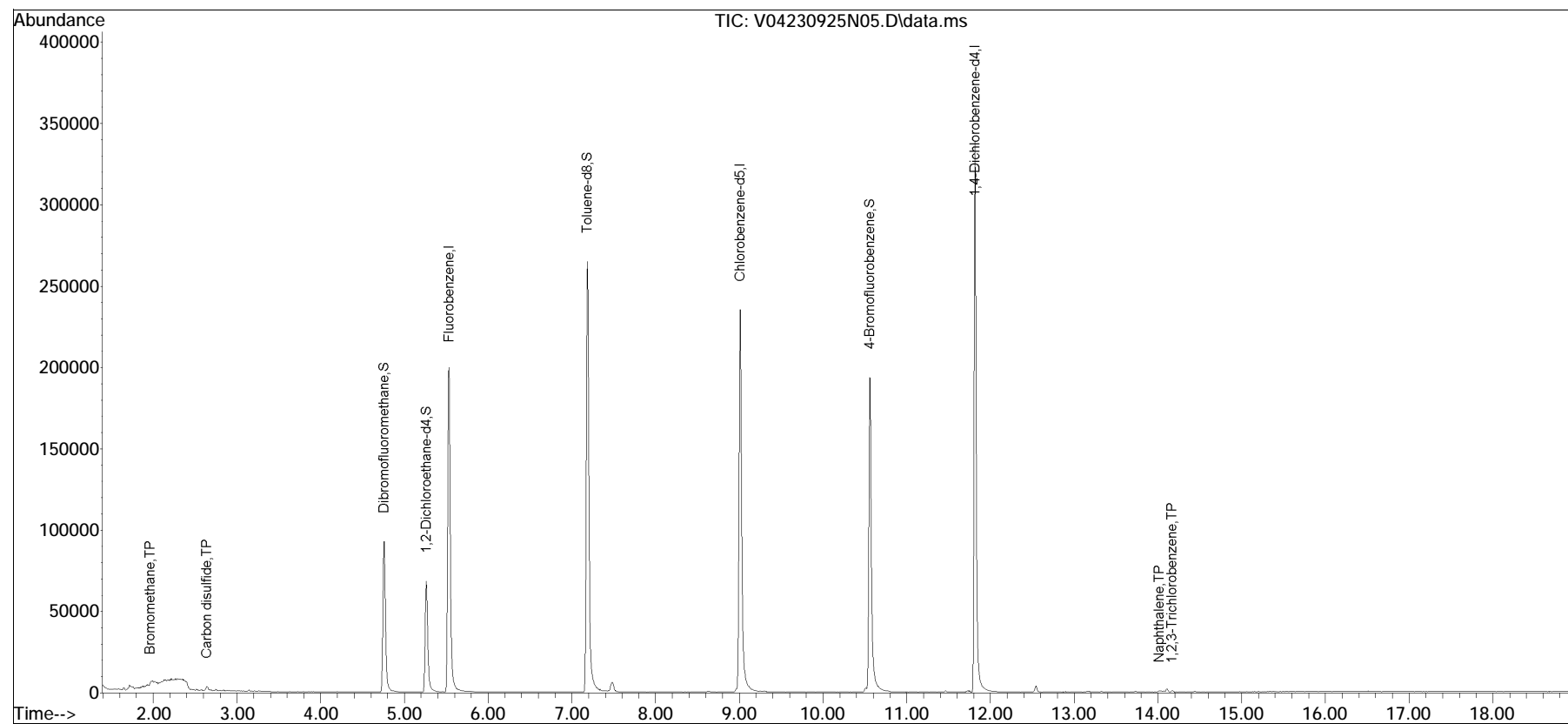


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2023\230925N\
Data File : V04230925N05.D
Acq On : 25 Sep 2023 9:20 pm
Operator : VOA104:KJD
Sample : WG1832190-5,31H,15,15,0.1
Misc : WG1832190,ICAL20335
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 22:21:48 2023
Quant Method : K:\VOA104\2023\230925N\V104_230831A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Sep 01 12:20:00 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

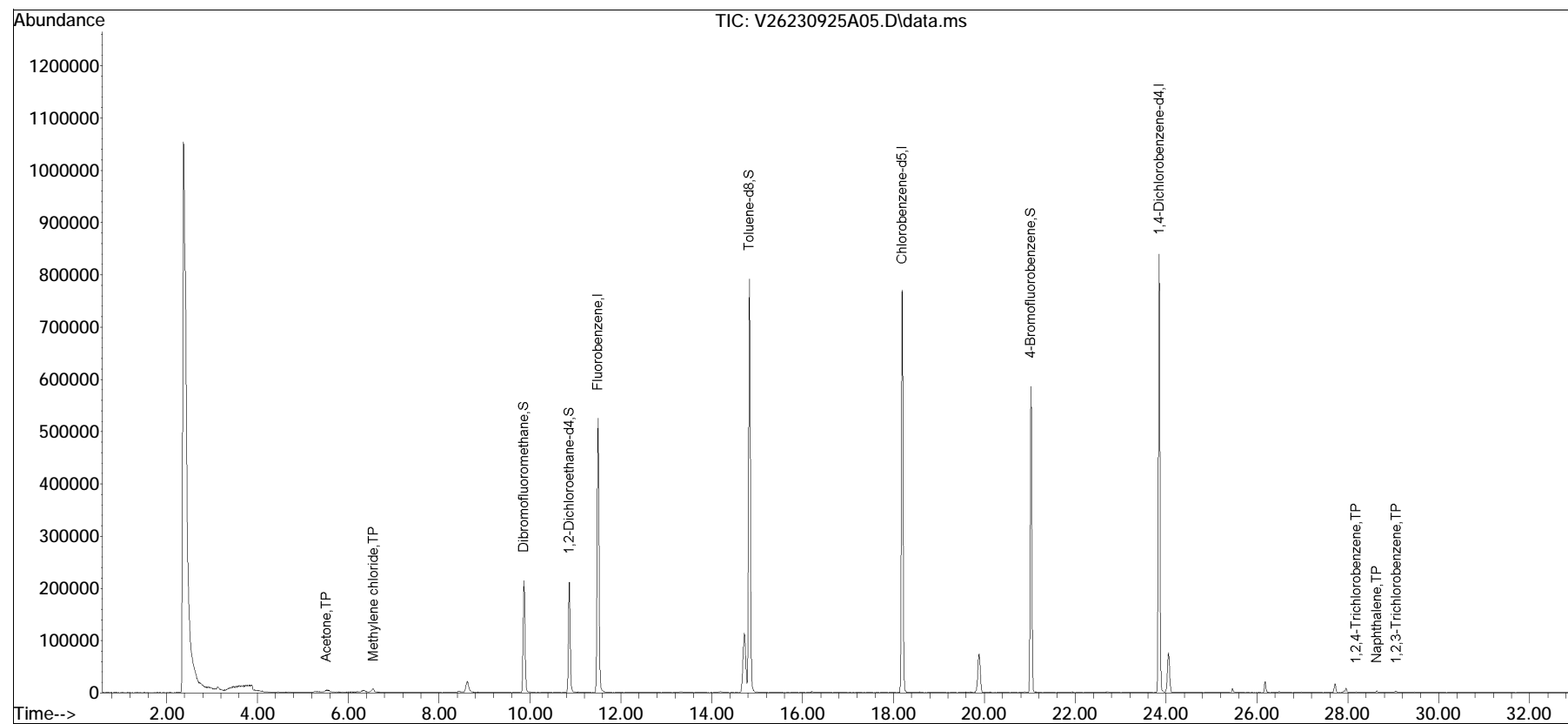


Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2023\230925A\
Data File : V26230925A05.D
Acq On : 25 Sep 2023 09:53 am
Operator : VOA126:AJK
Sample : WG1832194-5,31H,15,15,0.1
Misc : WG1832194,ICAL20309
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 12:58:20 2023
Quant Method : K:\VOA126\2023\230925A\V126_230827A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 12:38:38 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

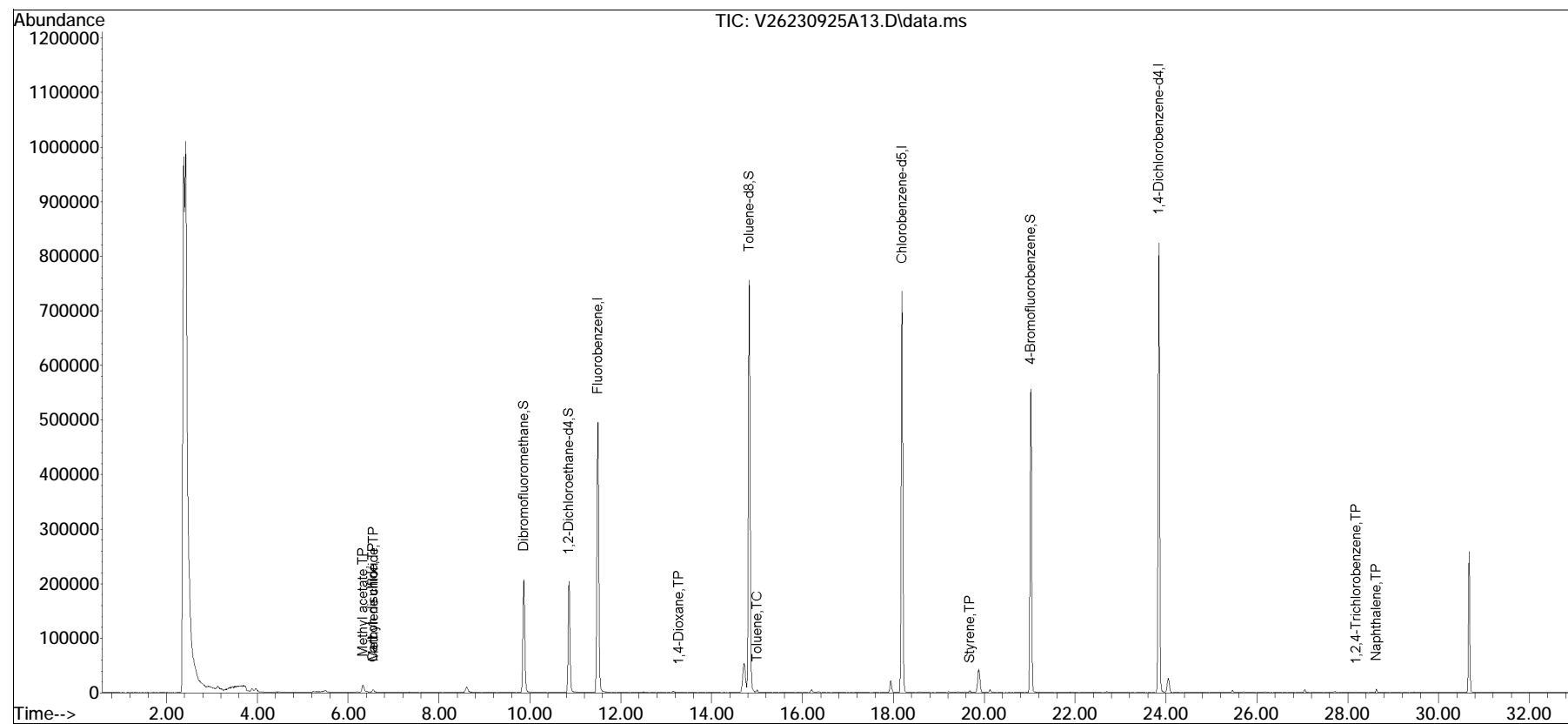


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230925\
 Data File : V26230925A13.D
 Acq On : 25 Sep 2023 03:32 pm
 Operator : VOA126:JIC
 Sample : L2353020-01,31H,27.24,15,0.100,,A
 Misc : WG1832194,ICAL20309
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 26 11:47:20 2023
 Quant Method : K:\VOA126\2023\230925A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

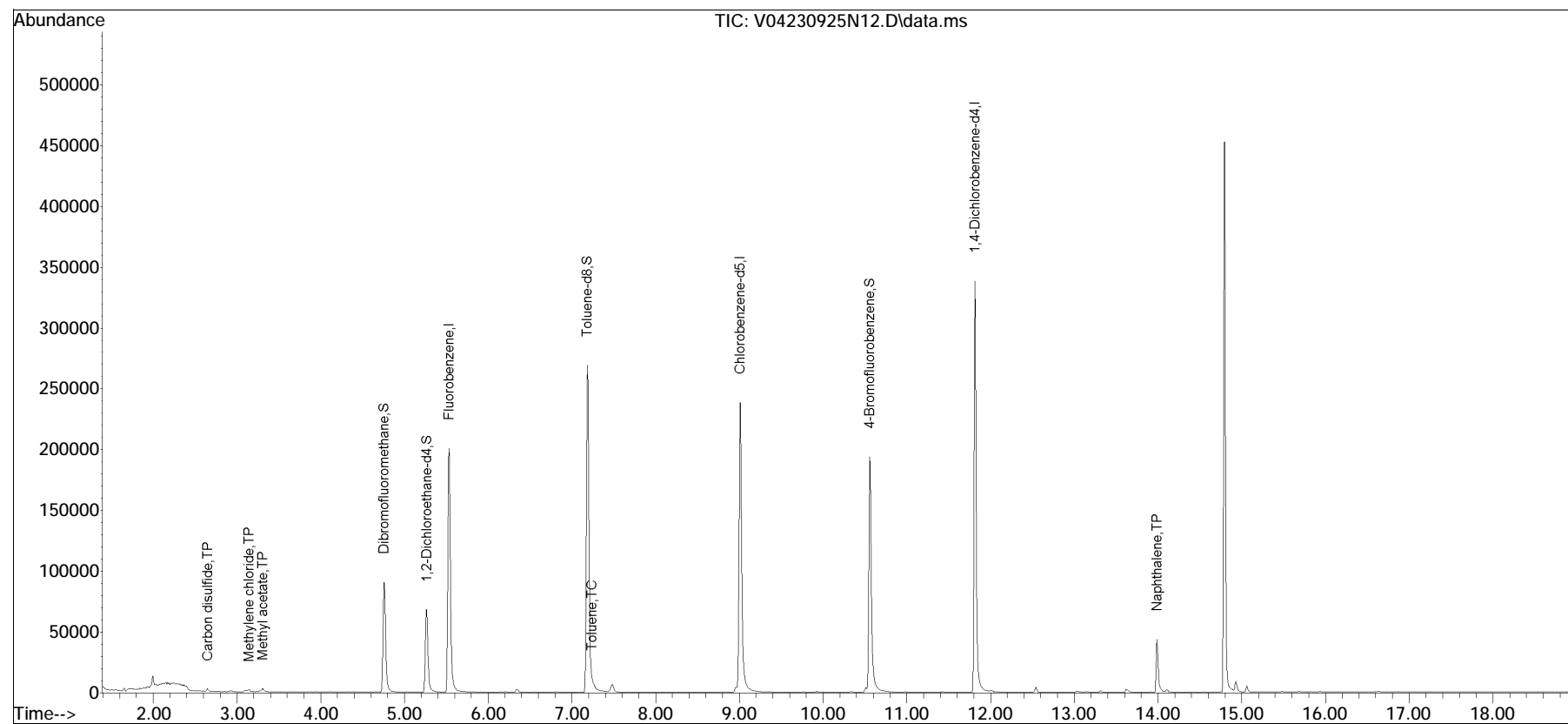


Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2023\230925\
Data File : V04230925N12.D
Acq On : 26 Sep 2023 12:18 am
Operator : VOA104:JIC
Sample : L2353020-02,31H,24.33,15,0.100,,A
Misc : WG1832190,ICAL20335
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 14:35:41 2023
Quant Method : K:\VOA104\2023\230925N\V104_230831A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Fri Sep 01 12:20:00 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

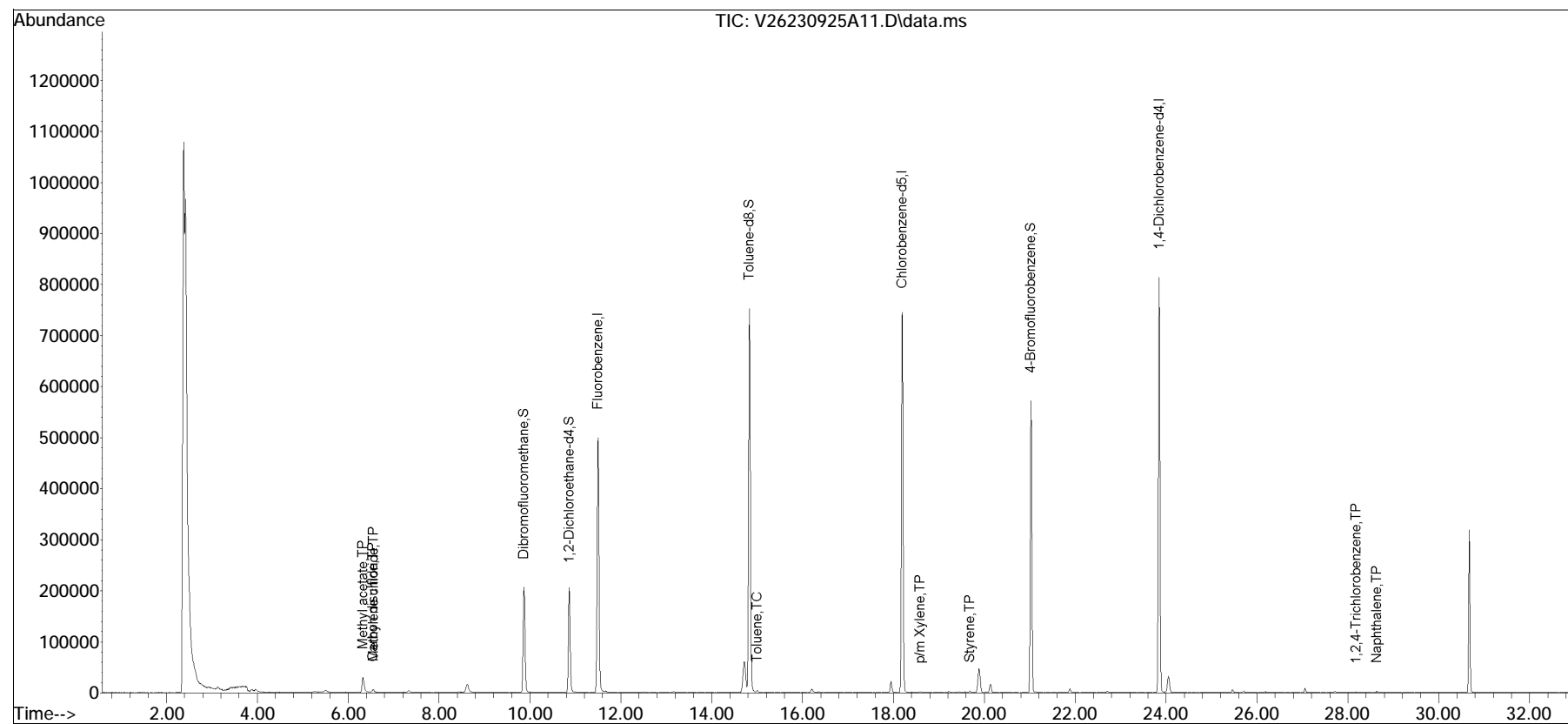


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230925A\
 Data File : V26230925A11.D
 Acq On : 25 Sep 2023 01:48 pm
 Operator : VOA126:JIC
 Sample : L2353020-03,31H,26.63,15,0.100,,A
 Misc : WG1832194,ICAL20309
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 26 14:43:28 2023
 Quant Method : K:\VOA126\2023\230925A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

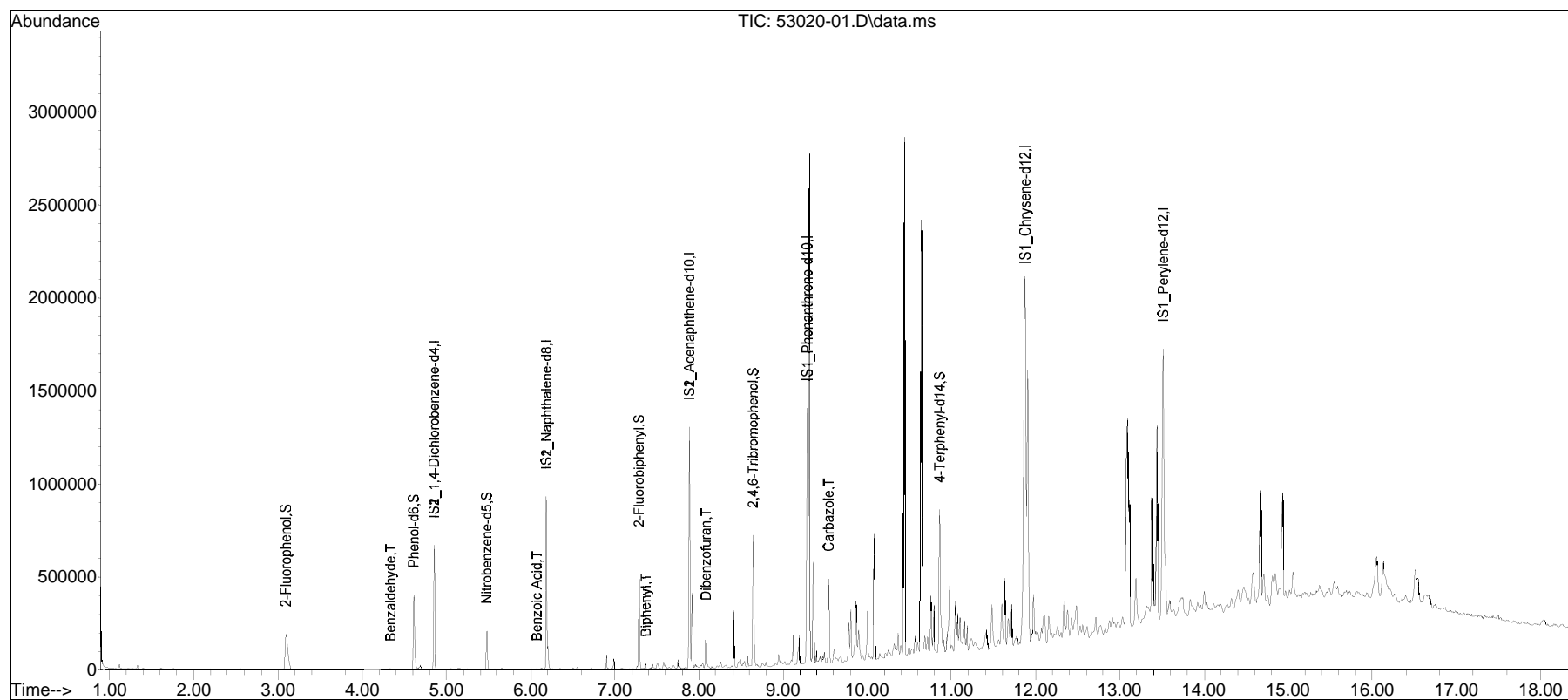


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230924\
Data File : 53020-01.D
Acq On : 24 Sep 2023 9:22 pm
Operator : Mork:ljb
Sample : L2353020-01,32,,mg
Misc : wg1831351,WG1830995,ical20359
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 07:51:31 2023
Quant Method : I:\8270\mork\230924\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 24 21:41:46 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA24.D•

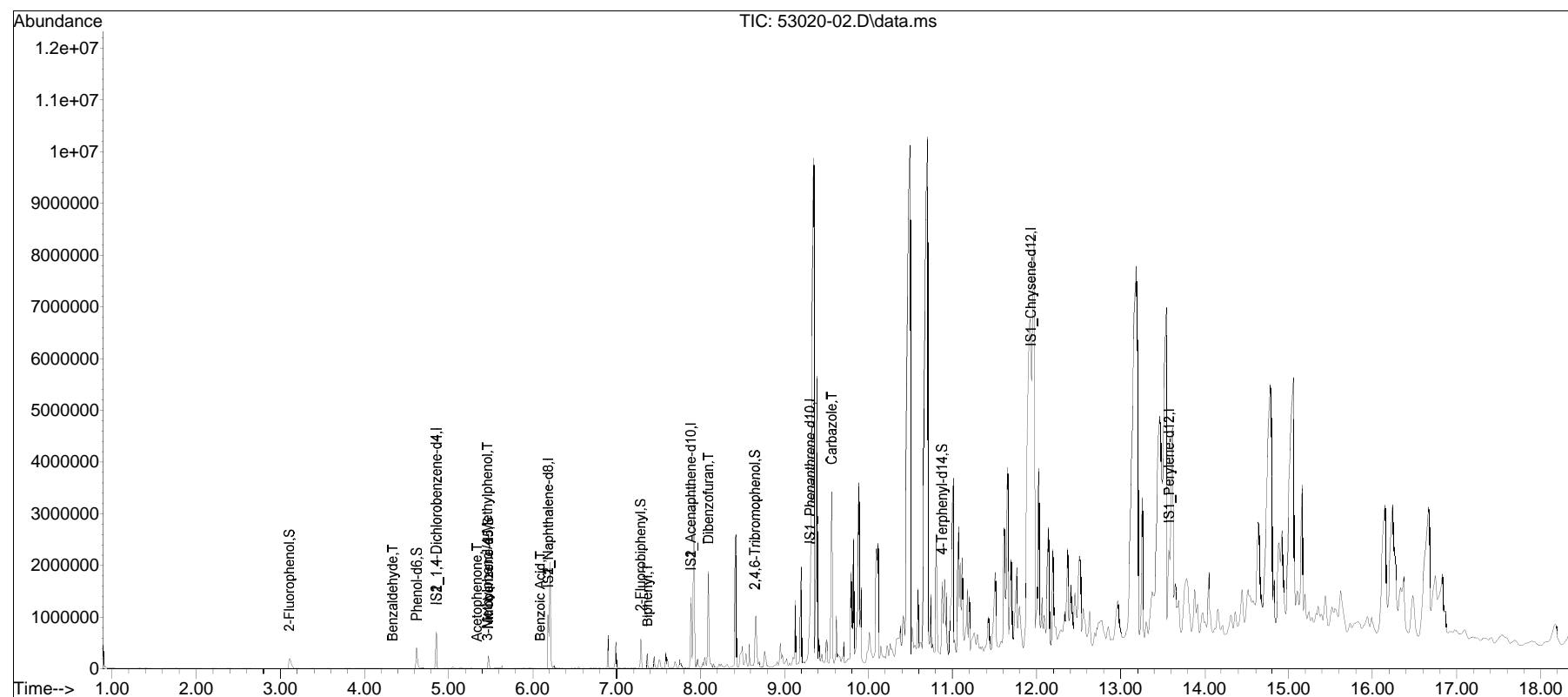


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230924\
 Data File : 53020-02.D
 Acq On : 24 Sep 2023 9:46 pm
 Operator : Mork:l jg
 Sample : L2353020-02,32,,mg
 Misc : wg1831351,WG1830995,ical20359
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 26 07:54:56 2023
 Quant Method : I:\8270\mork\230924\FS230912Mork.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 24 22:05:44 2023
 Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA24.D•

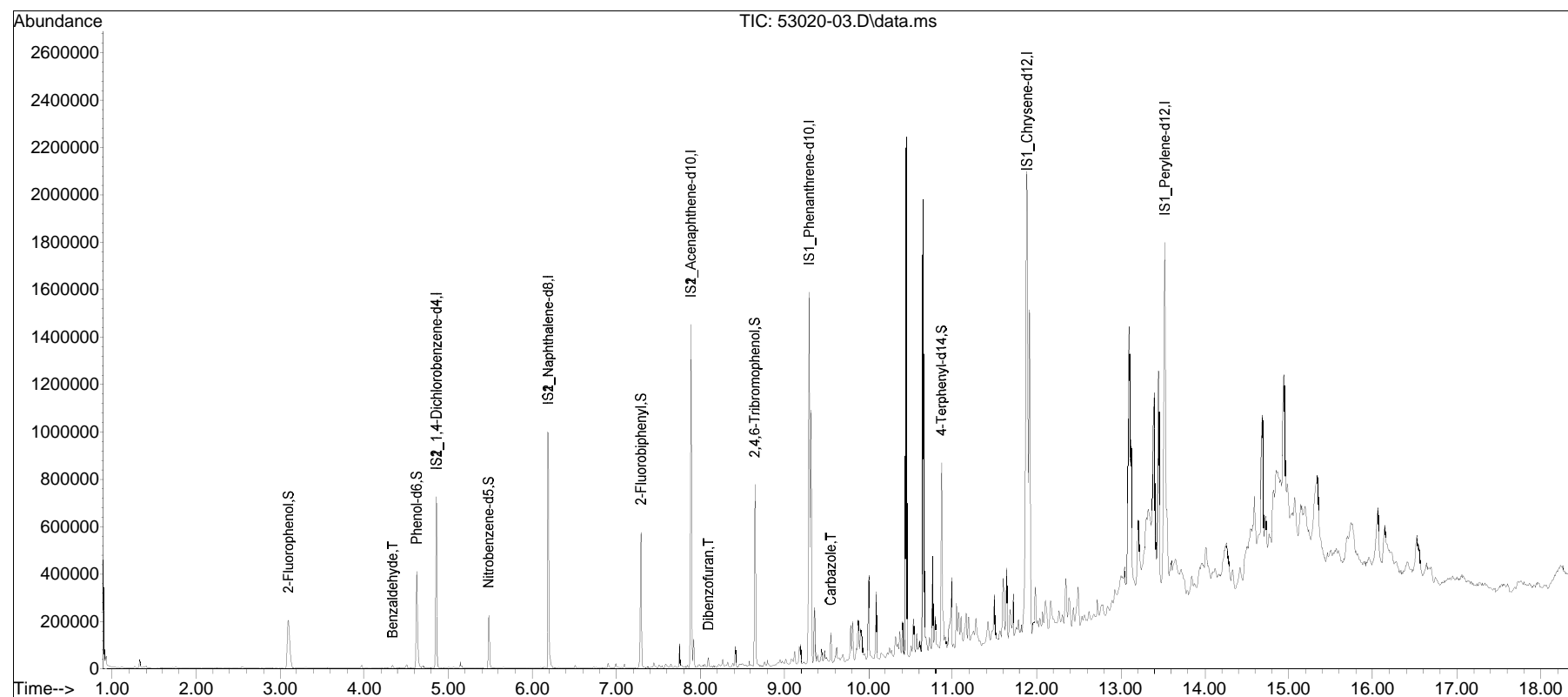


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230924\
Data File : 53020-03.D
Acq On : 24 Sep 2023 10:10 pm
Operator : Mork:lvg
Sample : L2353020-03,32,,mg
Misc : wg1831351,WG1830995,ical20359
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 07:56:42 2023
Quant Method : I:\8270\mork\230924\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 24 22:29:12 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA24.D•

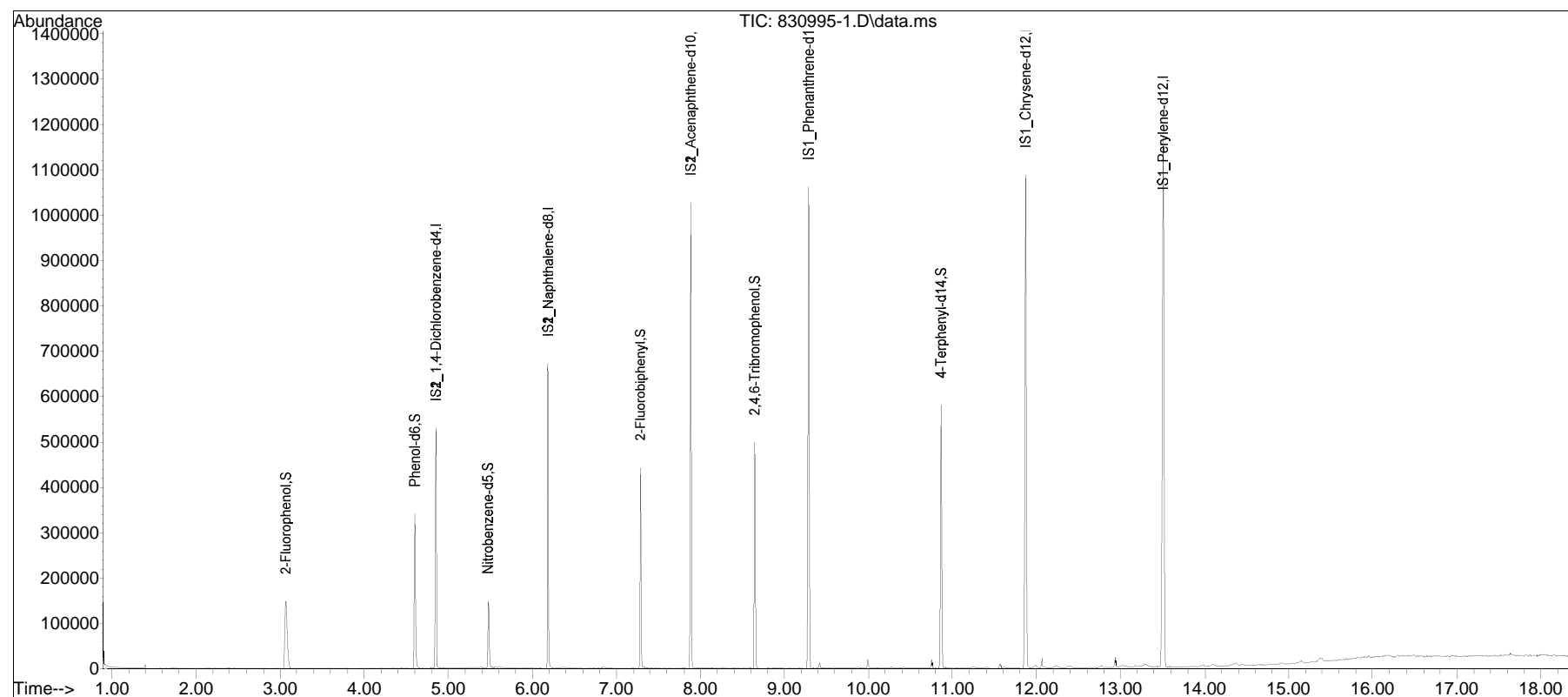


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230924\
Data File : 830995-1.D
Acq On : 24 Sep 2023 6:59 pm
Operator : Mork:ljl
Sample : WG1830995-1,32,,mg
Misc : wg1831351,WG1830995,ical20359
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 26 07:45:40 2023
Quant Method : I:\8270\mork\230924\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 24 19:18:46 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAP9DP0924.D•

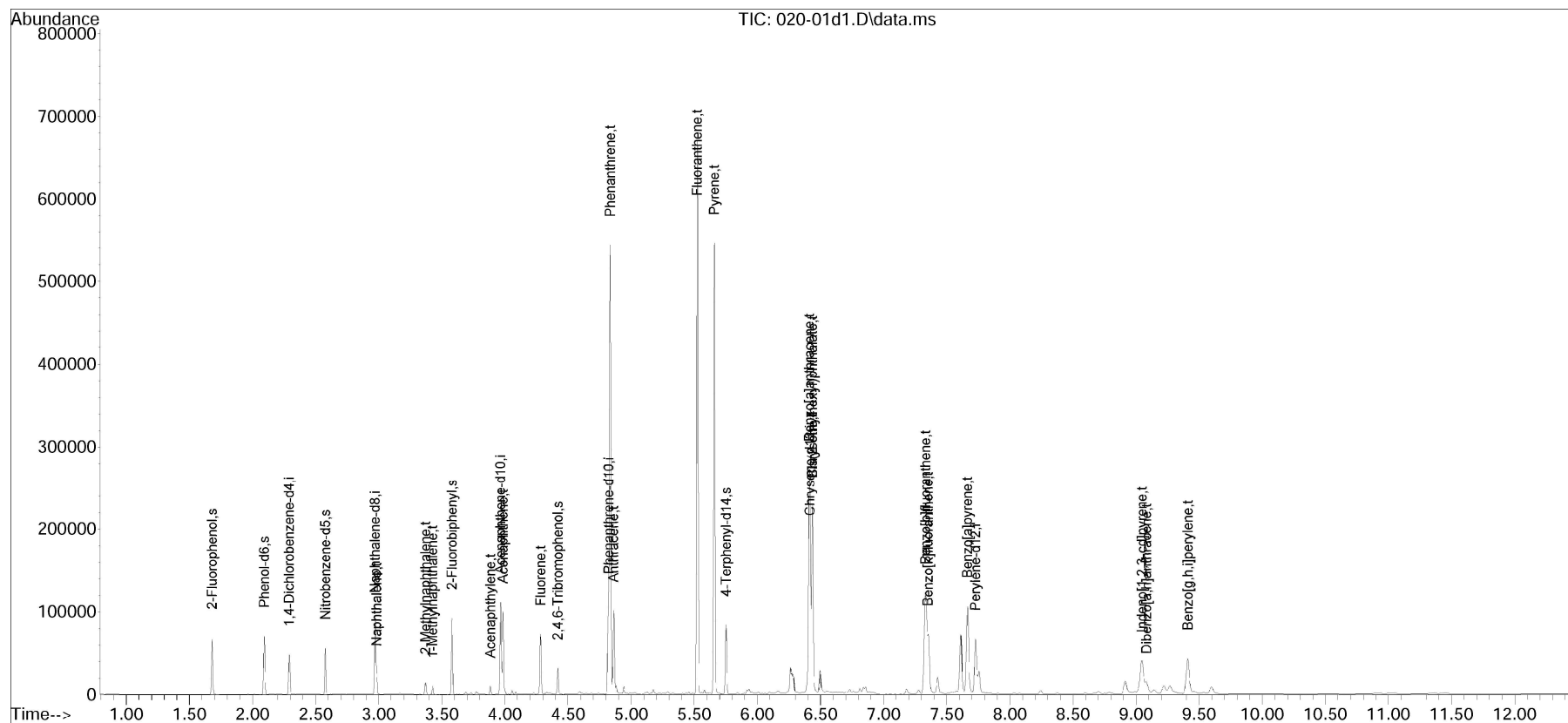


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230925\
 Data File : 020-01d1.D
 Acq On : 25 Sep 2023 02:33 pm
 Operator : SV115:jjw
 Sample : L2353020-01d,32,5, jjw
 Misc : WG1831479,WG1830996,ical19706
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 25 15:27:56 2023
 Quant Method : I:\8270sim\sv115\230925\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Mon Sep 25 08:03:14 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0925.D•

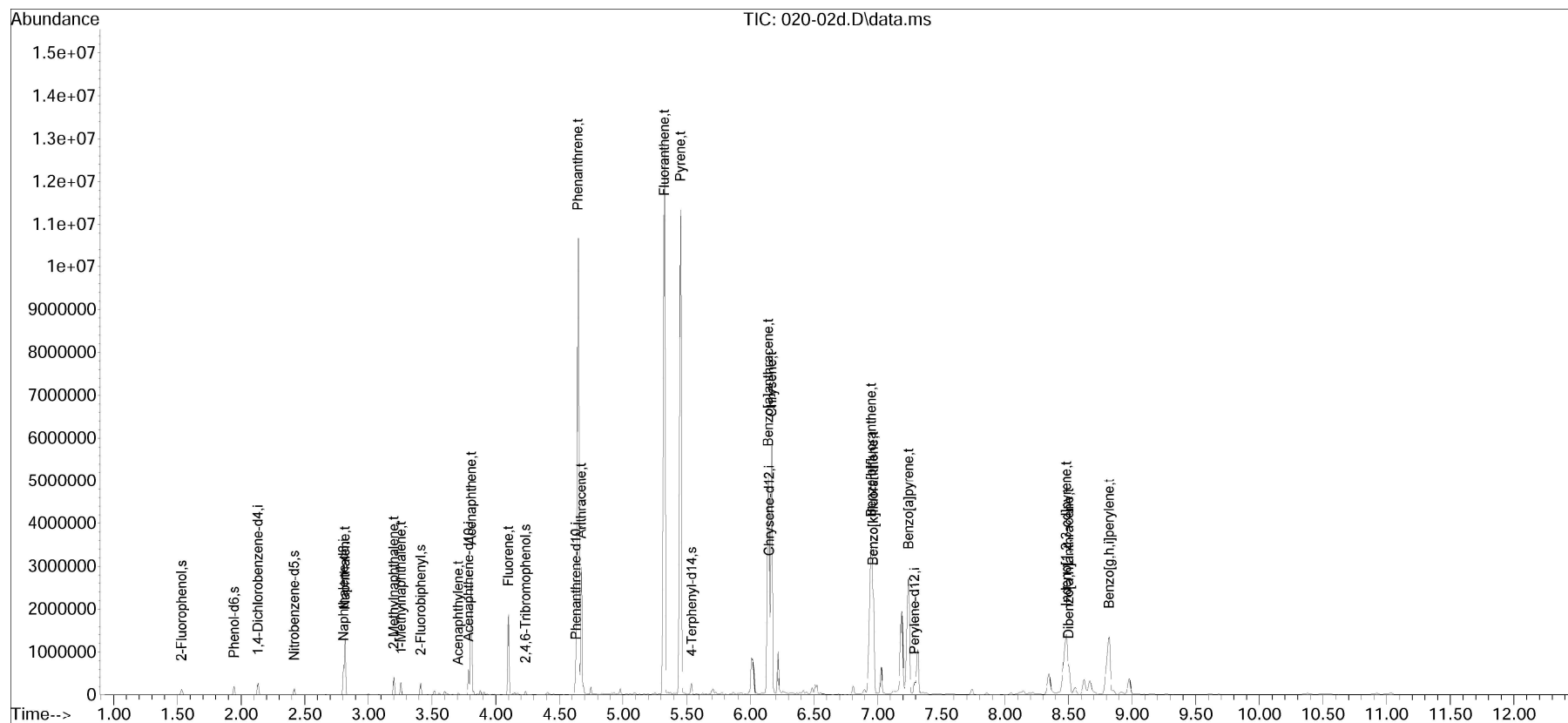


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\230925ST\
 Data File : 020-02d.D
 Acq On : 25 Sep 2023 04:07 pm
 Operator : SV118:jjw
 Sample : L2353020-02d,32,10,RR,jjw
 Misc : WG1831615,WG1830996,ical20380
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 17:13:04 2023
 Quant Method : I:\8270sim\sv118\230925ST\simtech_230914sv118.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Mon Sep 25 12:13:12 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0925b.D•

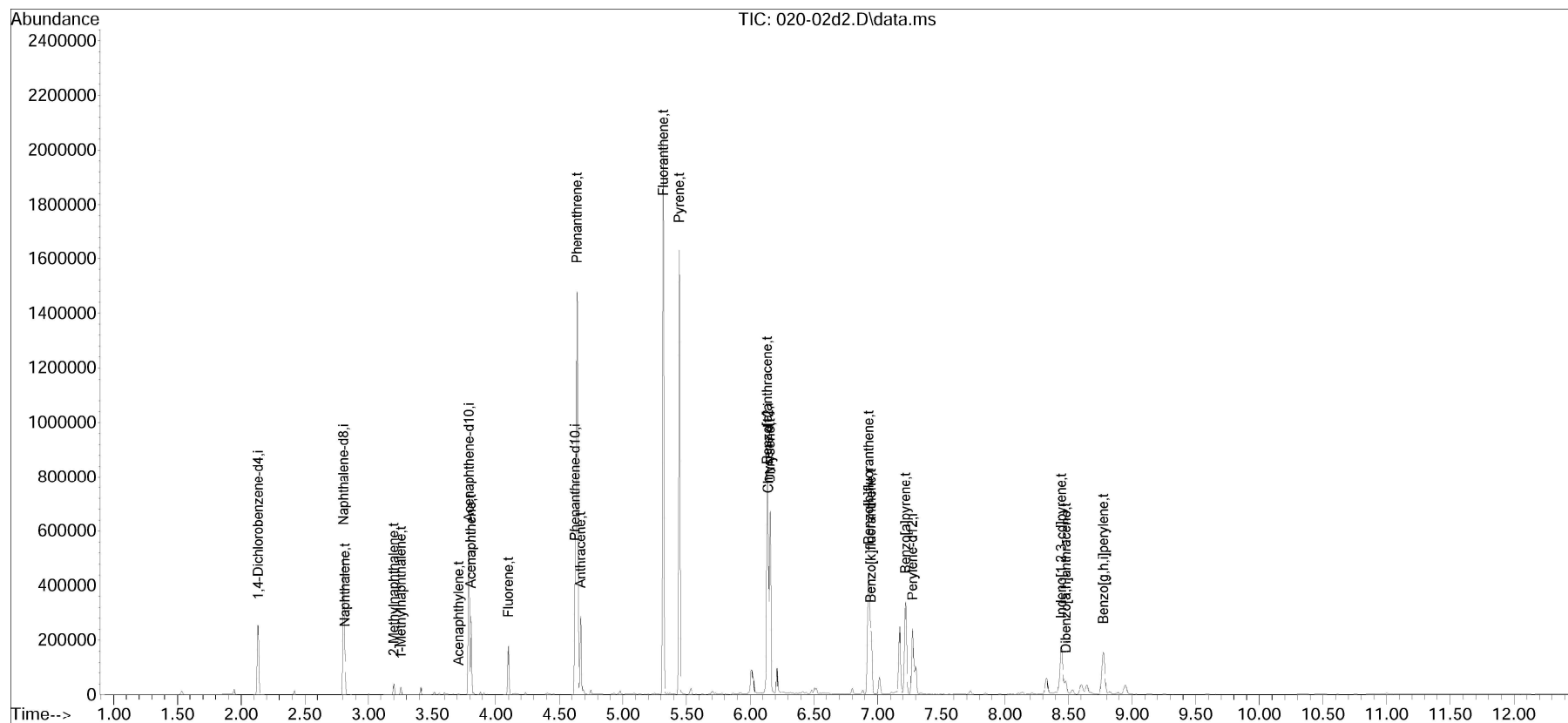


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\230925ST\
 Data File : 020-02d2.D
 Acq On : 25 Sep 2023 04:23 pm
 Operator : SV118:jjw
 Sample : L2353020-02d2,32,100,RR, jjw
 Misc : WG1831615,WG1830996,ical20380
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 25 16:52:54 2023
 Quant Method : I:\8270sim\sv118\230925ST\simtech_230914sv118.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Mon Sep 25 12:13:12 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0925b.D•

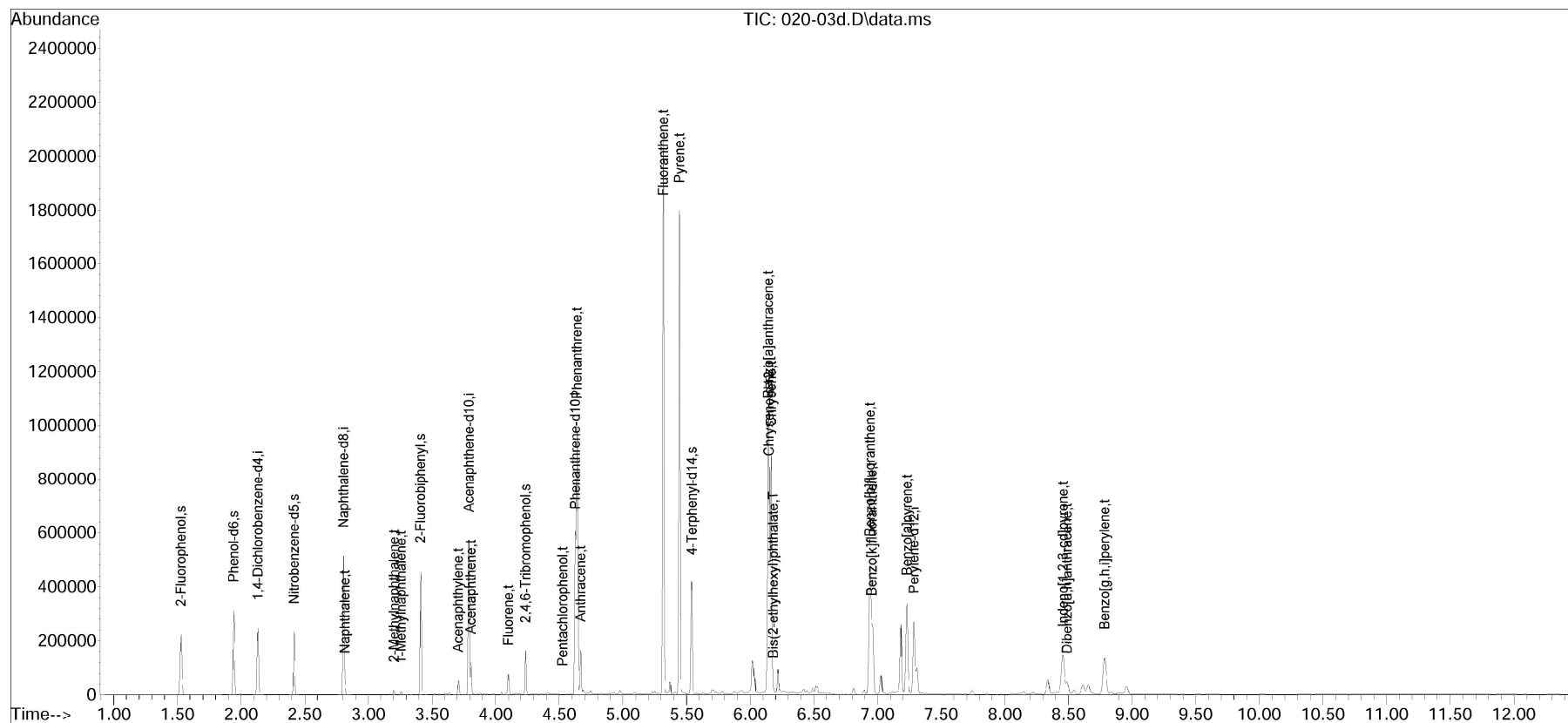


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV118\230925ST\
 Data File : 020-03d.D
 Acq On : 25 Sep 2023 03:50 pm
 Operator : SV118:jjw
 Sample : L2353020-03d,32,5,RR, jjw
 Misc : WG1831615,WG1830996,ical20380
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 25 16:56:01 2023
 Quant Method : I:\8270sim\sv118\230925ST\simtech_230914sv118.M
 Quant Title : Semivolatiles by GC/MS by modified_8270
 QLast Update : Mon Sep 25 12:13:12 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0925b.D•

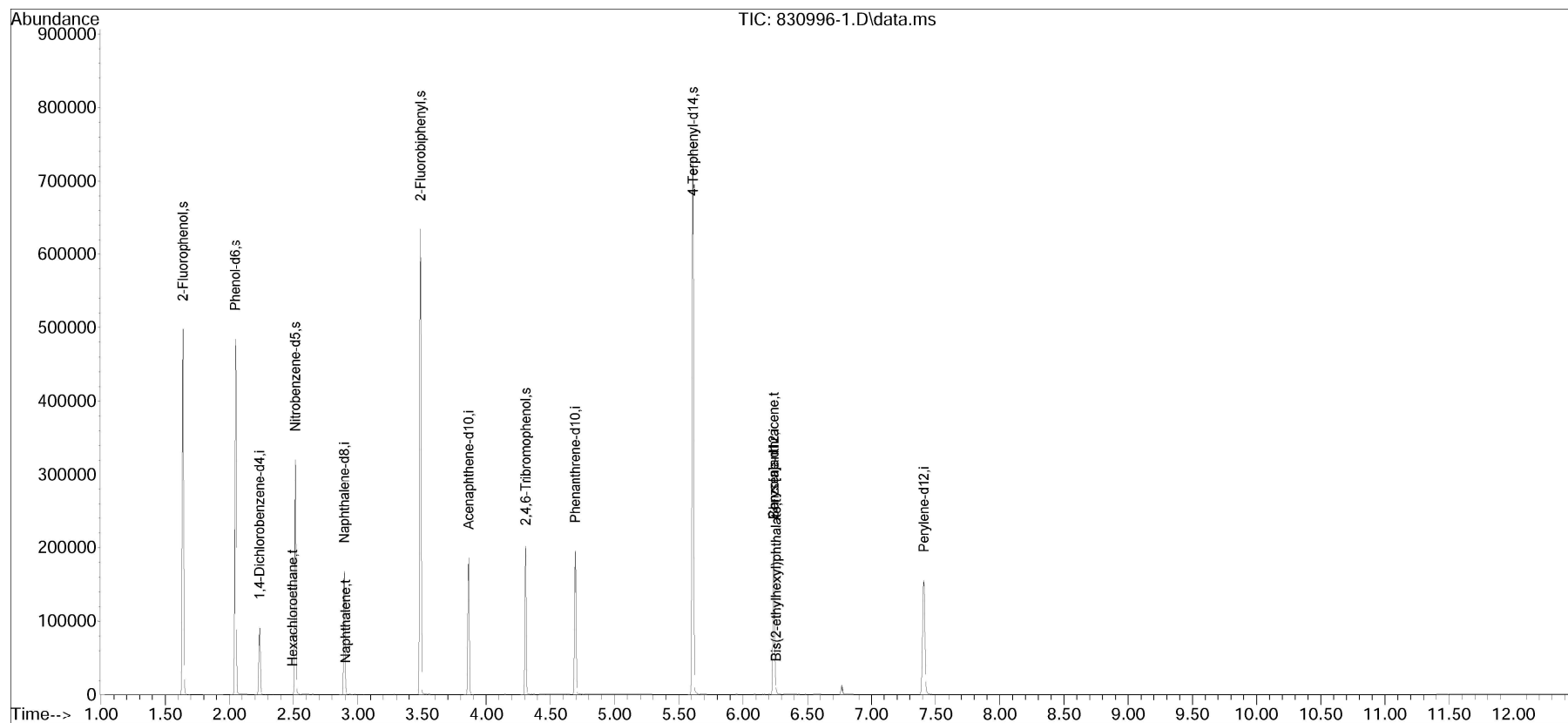


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230923ST\
Data File : 830996-1.D
Acq On : 24 Sep 2023 05:24 am
Operator : SV120:rp
Sample : WG1830996-1,32,,rp
Misc : WG1831150,WG1830996,ical19770
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 24 17:43:49 2023
Quant Method : I:\8270sim\sv120\230923ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 23 20:41:51 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0923.D•

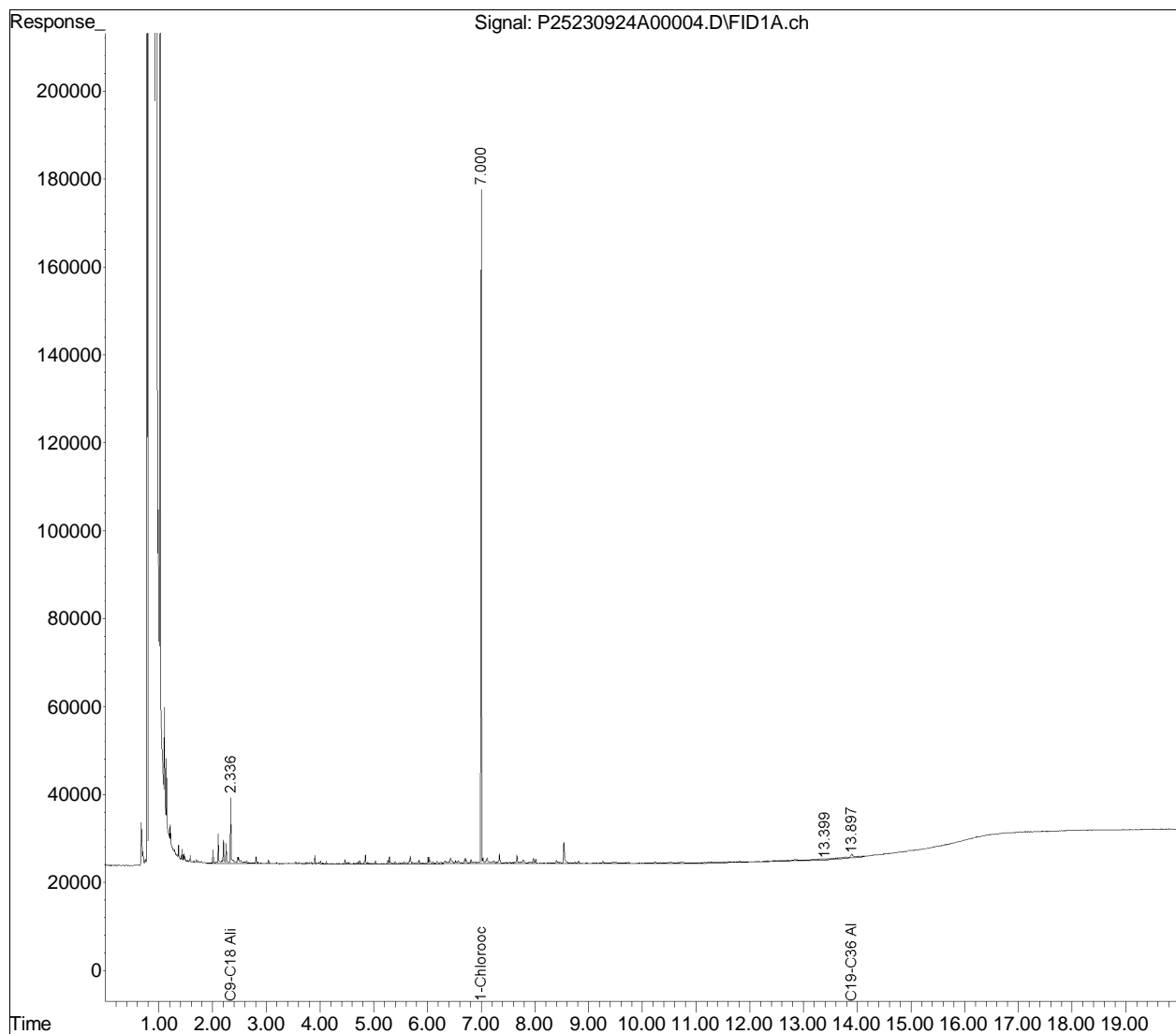


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924\
Data File : P25230924A00004.D
Signal(s) : FID1A.ch
Acq On : 24-Sep-2023, 12:15:28
Operator : Petro25a:sr
Sample : WG1831011-1,42,,
Misc : wg1831287,wg1831011,ICAL20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 12:09:06 2023
Quant Method : I:\PETRO\Petro25\2023\230924\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

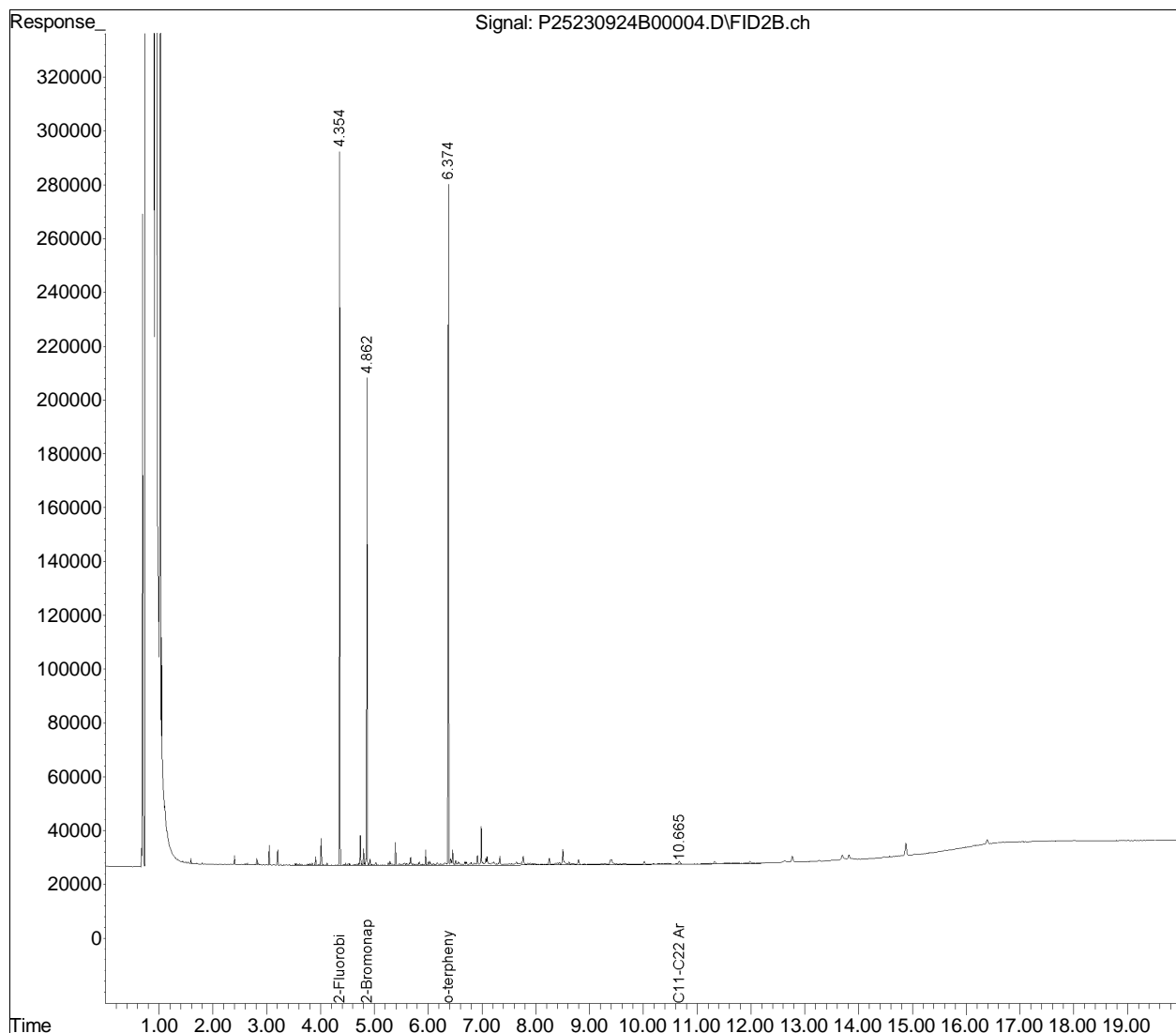


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924.sec\
Data File : P25230924B00004.D
Signal(s) : FID2B.ch
Acq On : 24-Sep-2023, 12:15:28
Operator : Petro25b:sr
Sample : WG1831011-1,42,,
Misc : wg1831287,wg1831011,ICAL20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 12:26:48 2023
Quant Method : I:\PETRO\Petro25\2023\230924.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

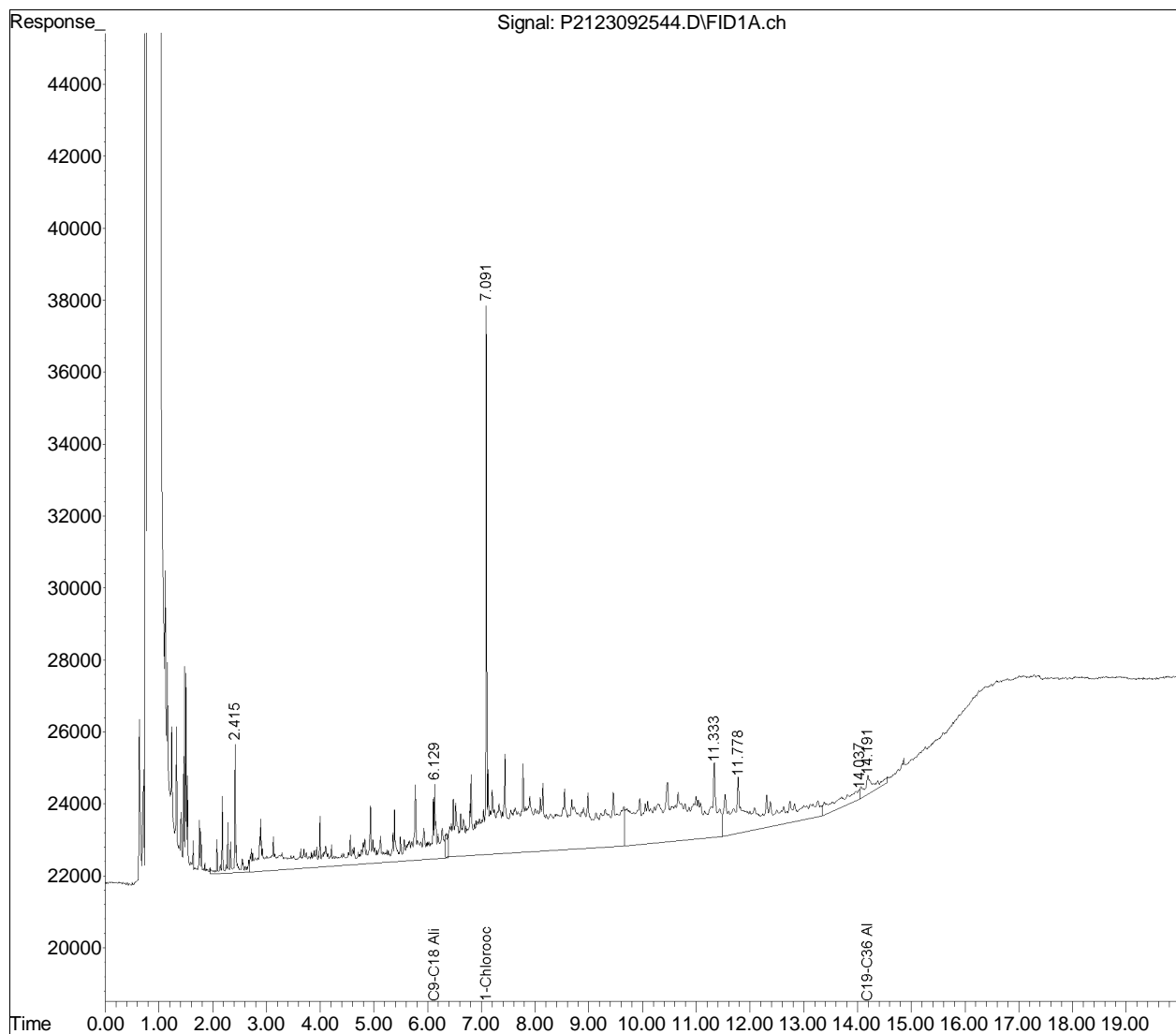


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230925\
Data File : P2123092544.D
Signal(s) : FID1A.ch
Acq On : 26 Sep 2023 5:00 am
Operator : Petro21a:sc
Sample : L2353020-02d,42,5, 5xprf
Misc : WG1831426,WG1831011,ICAL18505
ALS Vial : 22 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 10:00:59 2023
Quant Method : I:\PETRO\Petro21\2023\230925\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sun Sep 24 10:33:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

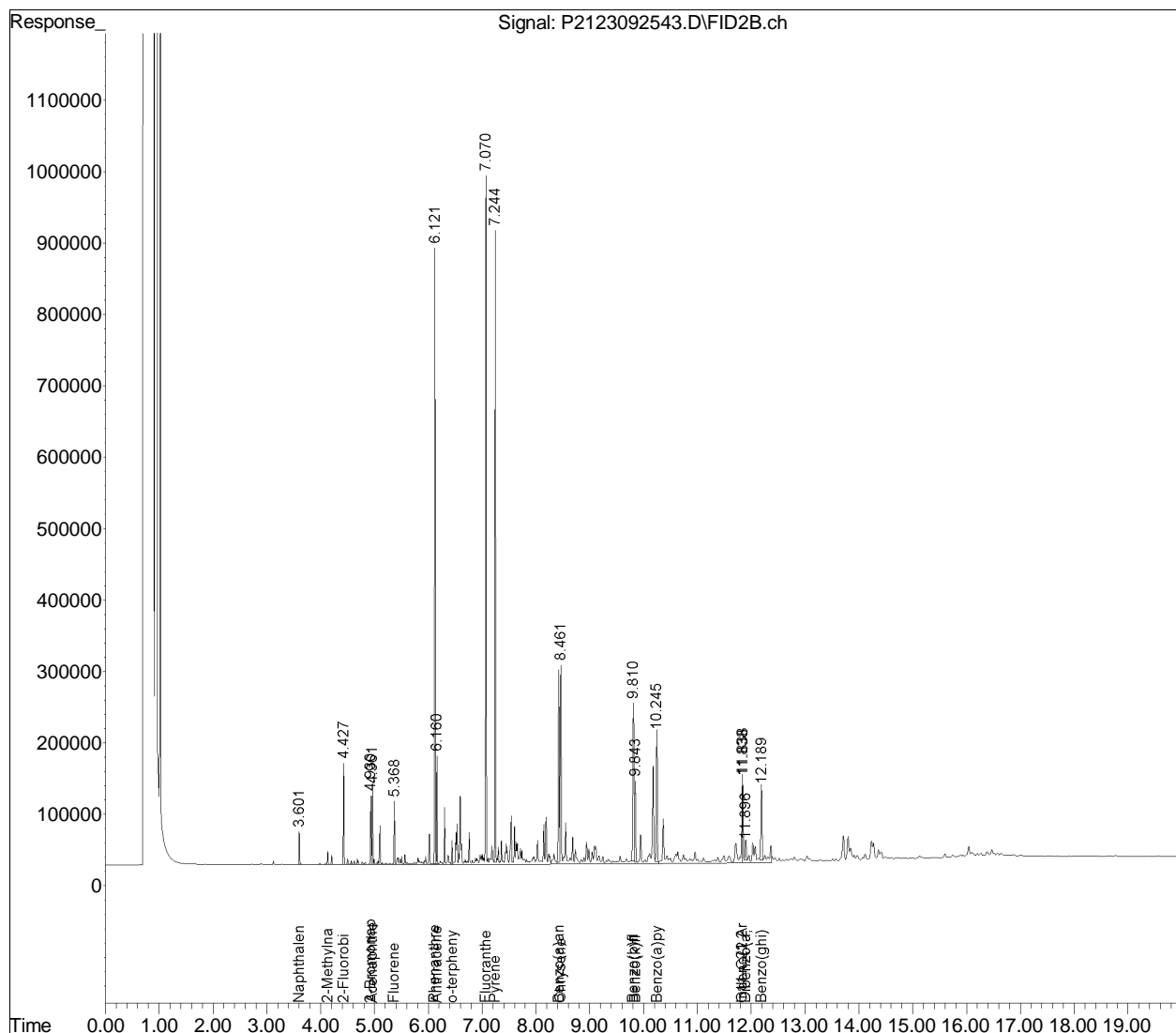


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230925.SEC\
 Data File : P2123092543.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 5:00 am
 Operator : Petro21b:sc
 Sample : L2353020-02d,42,5, 5xprf
 Misc : WG1831426,WG1831011,ICAL18504
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 10:26:47 2023
 Quant Method : I:\PETRO\Petro21\2023\230925.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Sun Sep 24 10:36:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

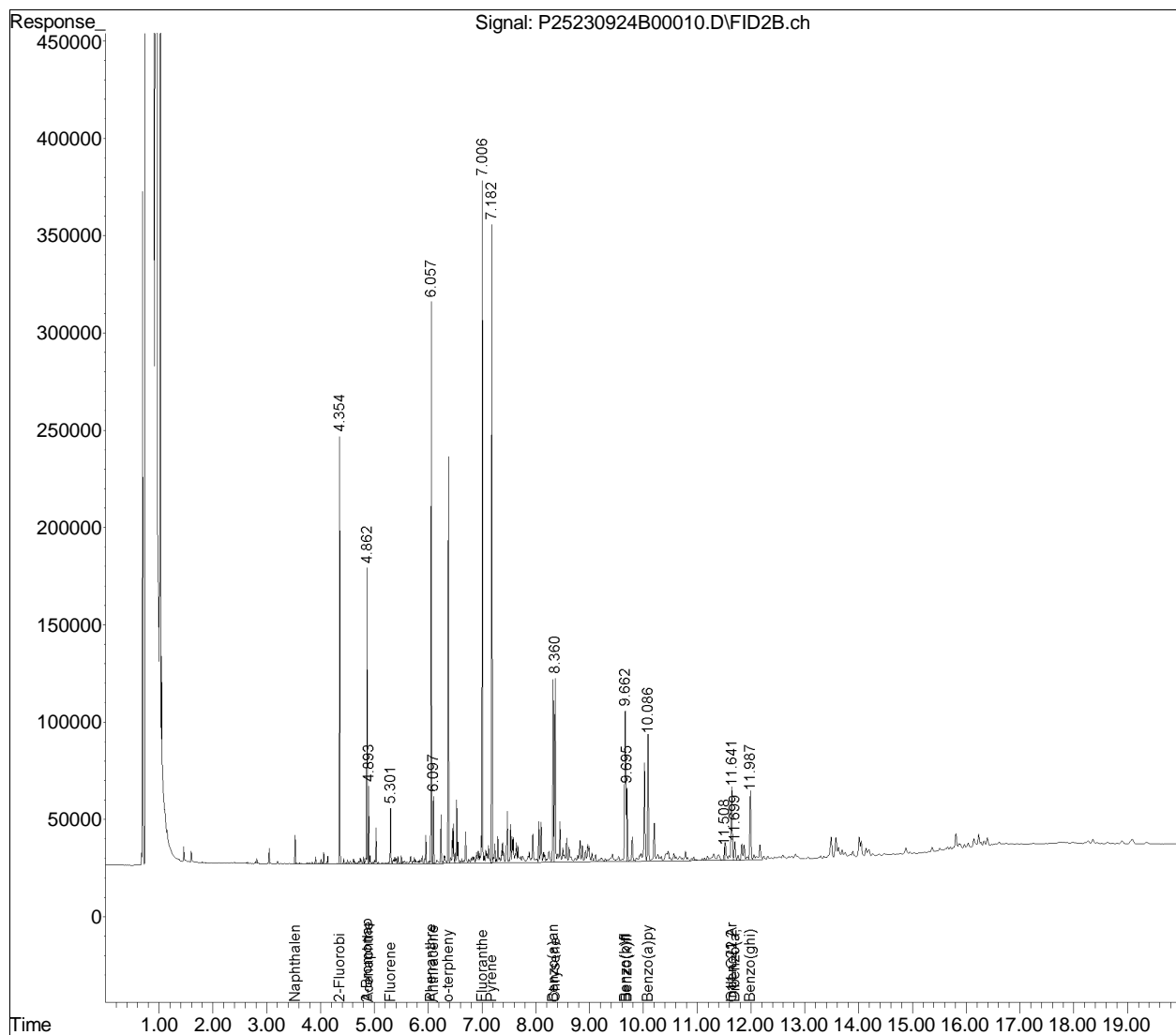


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924.sec\
 Data File : P25230924B00010.D
 Signal(s) : FID2B.ch
 Acq On : 24-Sep-2023, 14:43:27
 Operator : petro25b:lmr
 Sample : L2353020-03,42,,
 Misc : wg1831287,wg1831011,ical20167
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 11:07:45 2023
 Quant Method : I:\PETRO\Petro25\2023\230924.sec\P25MAARO230711.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 09:35:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

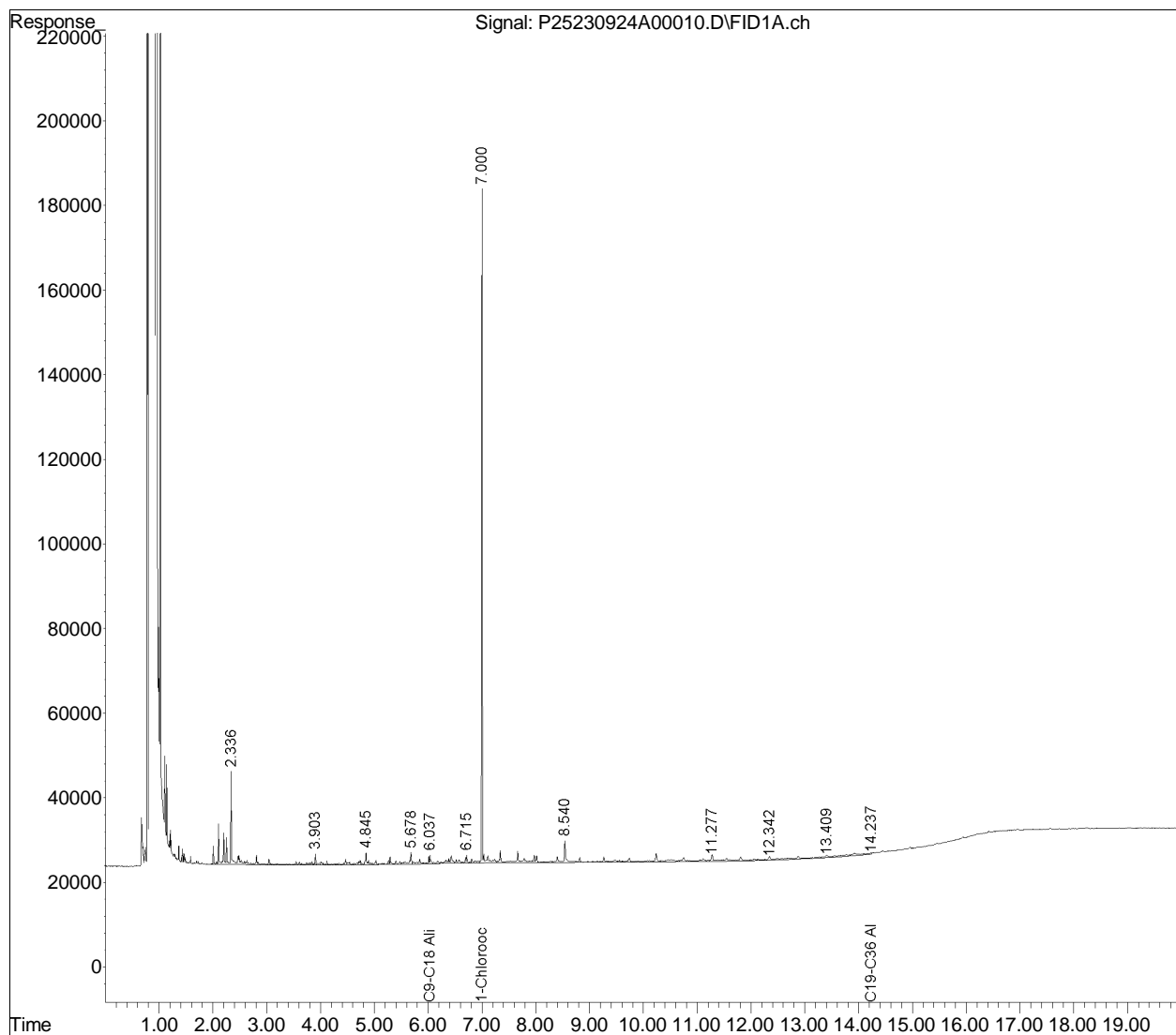


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924\
Data File : P25230924A00010.D
Signal(s) : FID1A.ch
Acq On : 24-Sep-2023, 14:43:27
Operator : petro25a:lmr
Sample : L2353020-03,42,,
Misc : wg1831287,wg1831011,ical20166
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 10:59:57 2023
Quant Method : I:\PETRO\Petro25\2023\230924\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

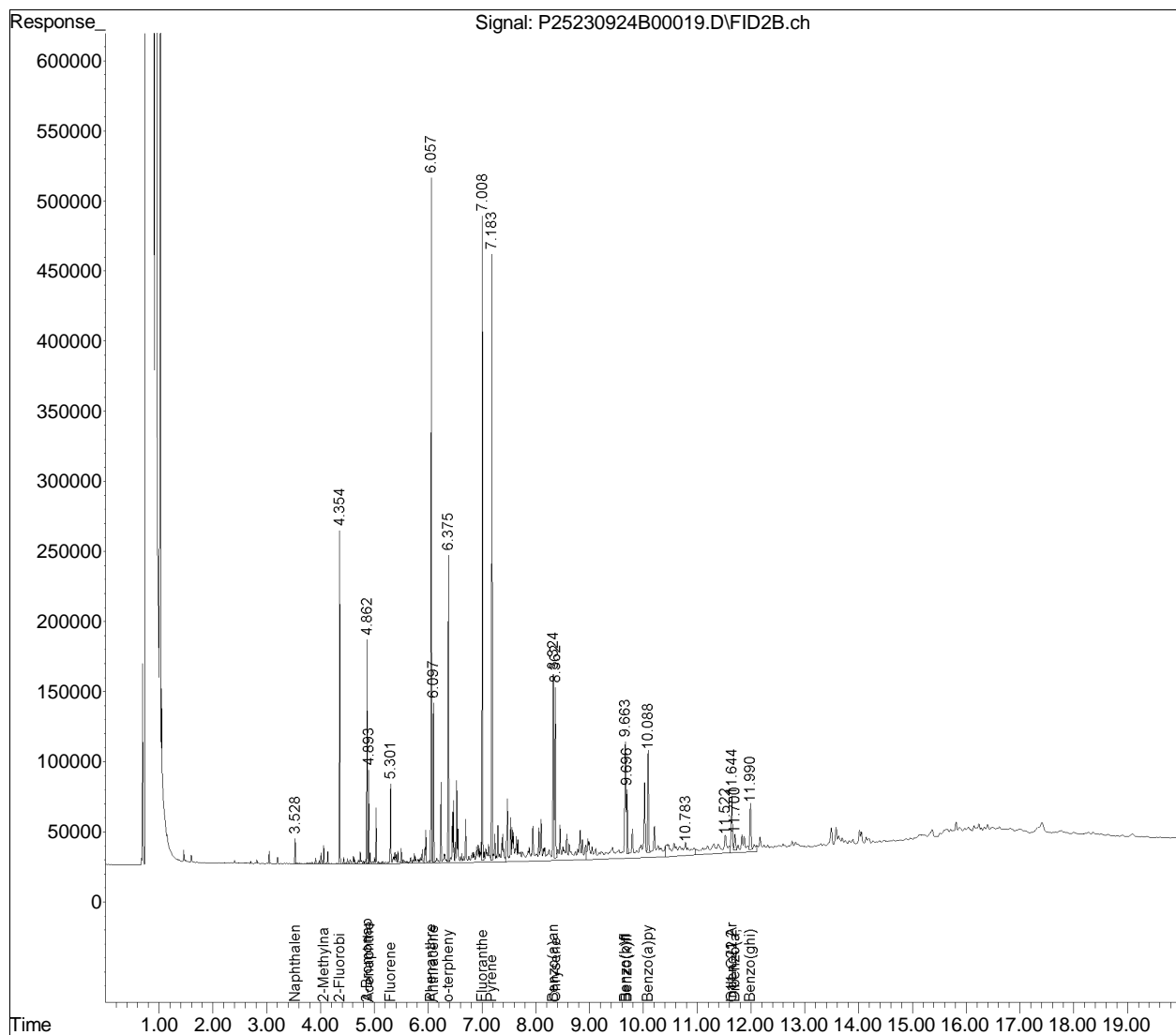


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924.sec\
 Data File : P25230924B00019.D
 Signal(s) : FID2B.ch
 Acq On : 24-Sep-2023, 18:25:41
 Operator : petro25b:lmr
 Sample : L2353020-01,42,,
 Misc : wg1831287,wg1831011,ical20167
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 11:09:27 2023
 Quant Method : I:\PETRO\Petro25\2023\230924.sec\P25MAARO230711.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 09:35:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

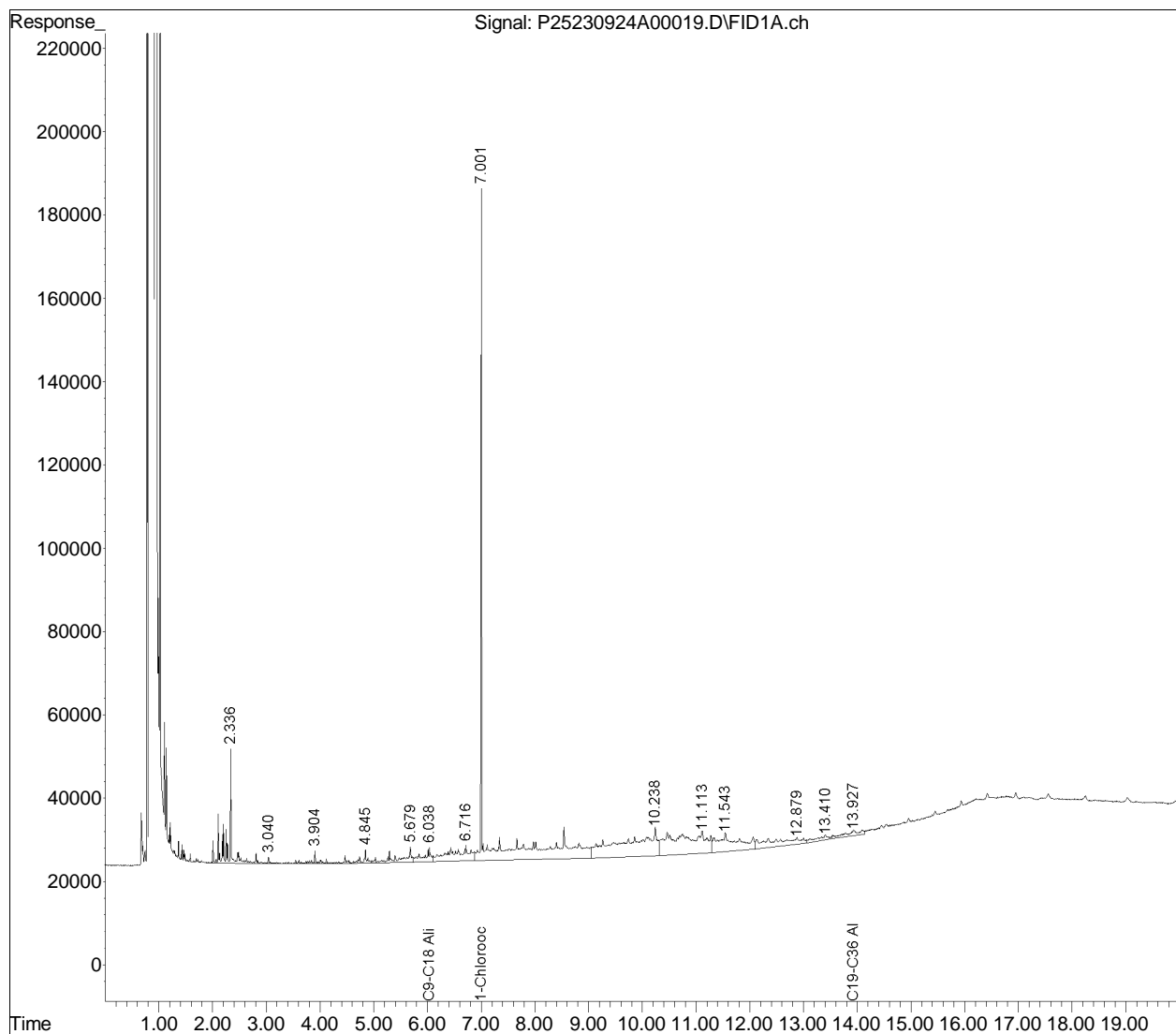


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230924\
Data File : P25230924A00019.D
Signal(s) : FID1A.ch
Acq On : 24-Sep-2023, 18:25:41
Operator : petro25a:lmr
Sample : L2353020-01,42,,
Misc : wg1831287,wg1831011,ical20166
ALS Vial : 19 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 11:05:09 2023
Quant Method : I:\PETRO\Petro25\2023\230924\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

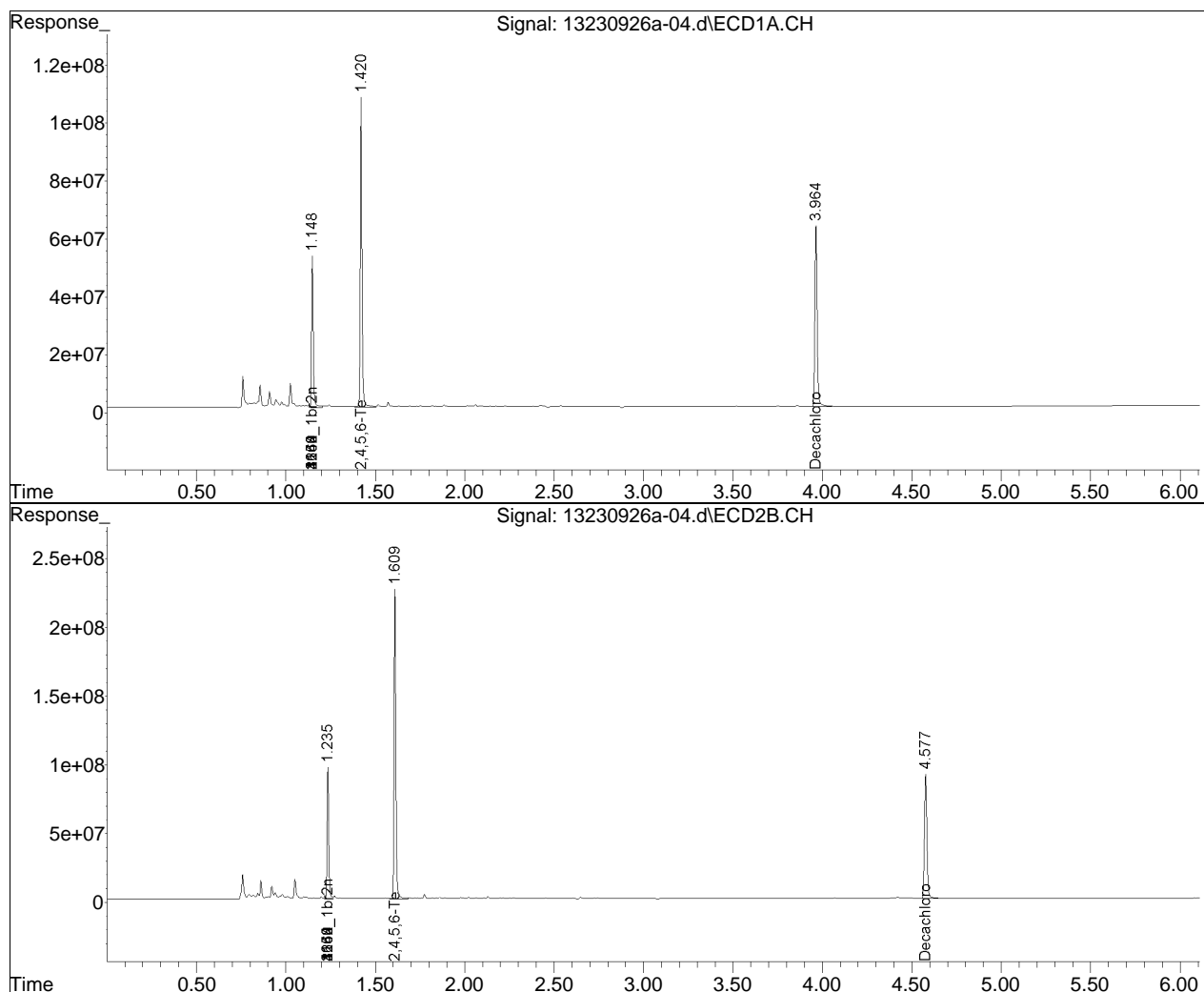


Sub List : Default - All compounds listed\13230926a-03.d••

Data Path : I:\PCB\Pest13\2023\230926a\
 Data File : 13230926a-04.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:01 am
 Operator : pest13:meo
 Sample : WG1831053-1,42,,
 Misc : wg1832058,WG1831053,ical20295
 ALS Vial : 4 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 12:44:09 2023
 Quant Method : I:\PCB\Pest13\2023\230926A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

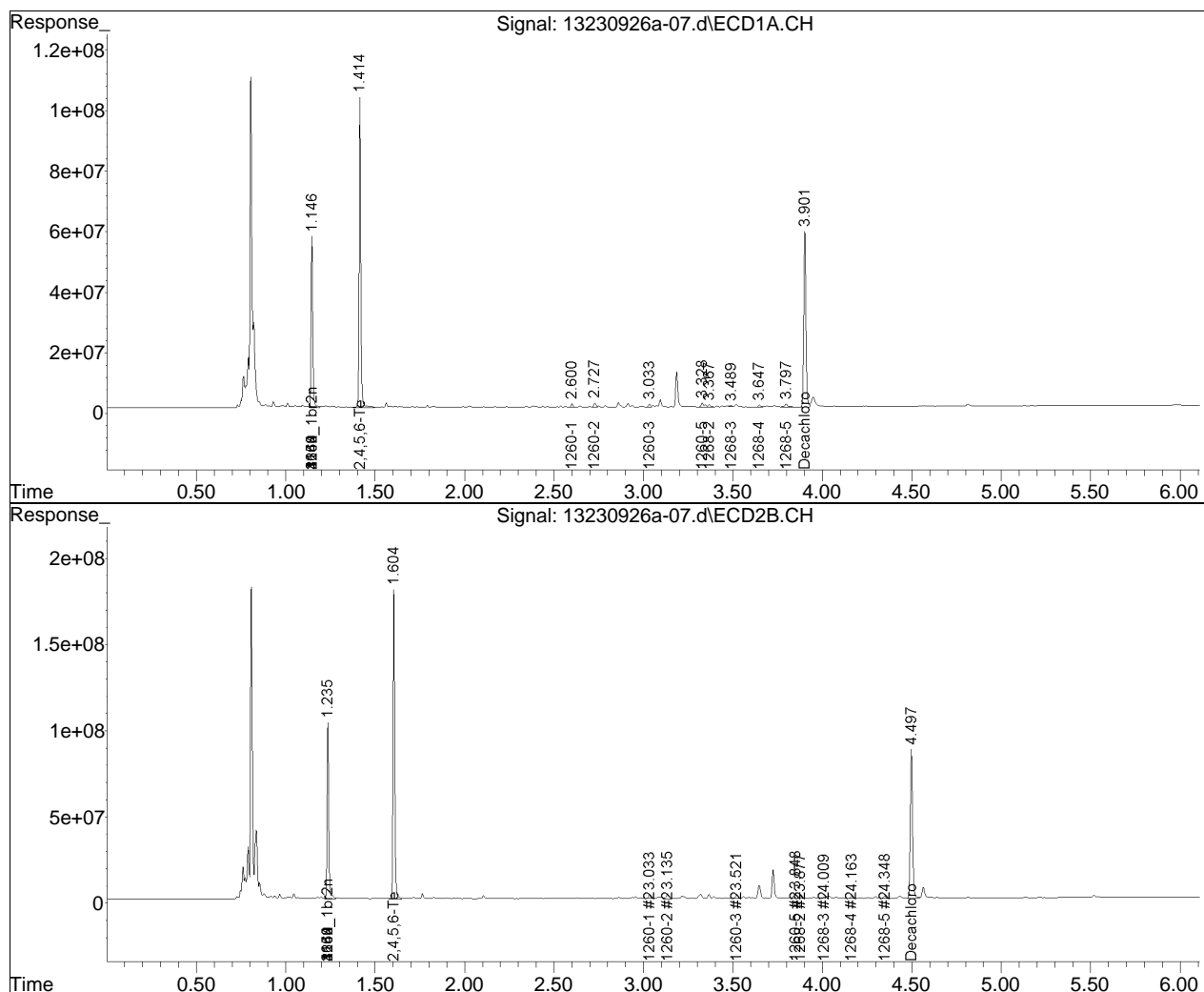


Sub List : Default - All compounds listed\13230926a-03.d••

Data Path : I:\PCB\Pest13\2023\230926a\
 Data File : 13230926a-07.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:30 am
 Operator : pest13:meo
 Sample : L2353020-01,42,, rr
 Misc : wg1832058,WG1831053,ical20295
 ALS Vial : 7 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 12:45:37 2023
 Quant Method : I:\PCB\Pest13\2023\230926A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

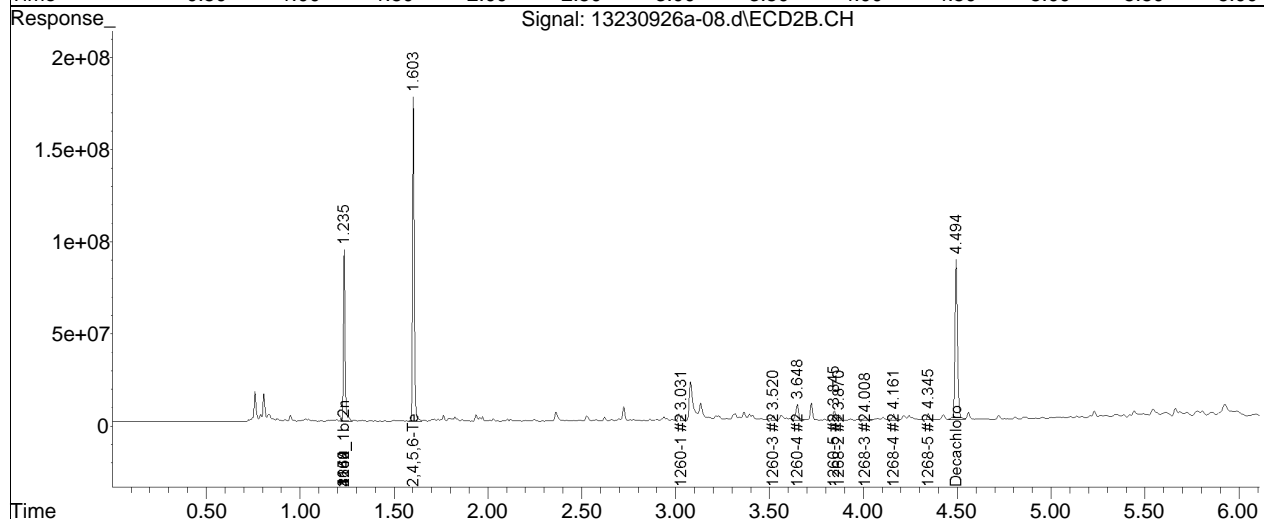
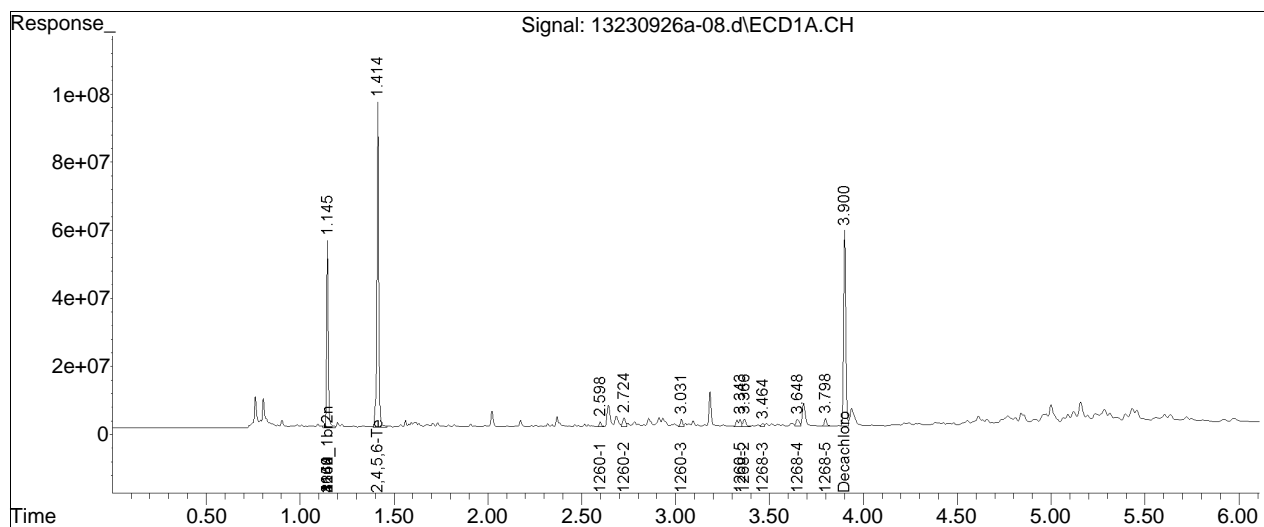


Sub List : Default - All compounds listed\13230926a-03.d••

Data Path : I:\PCB\Pest13\2023\230926a\
 Data File : 13230926a-08.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:40 am
 Operator : pest13:meo
 Sample : L2353020-02,42,, rr
 Misc : wg1832058,WG1831053,ical20295
 ALS Vial : 8 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 12:46:32 2023
 Quant Method : I:\PCB\Pest13\2023\230926A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

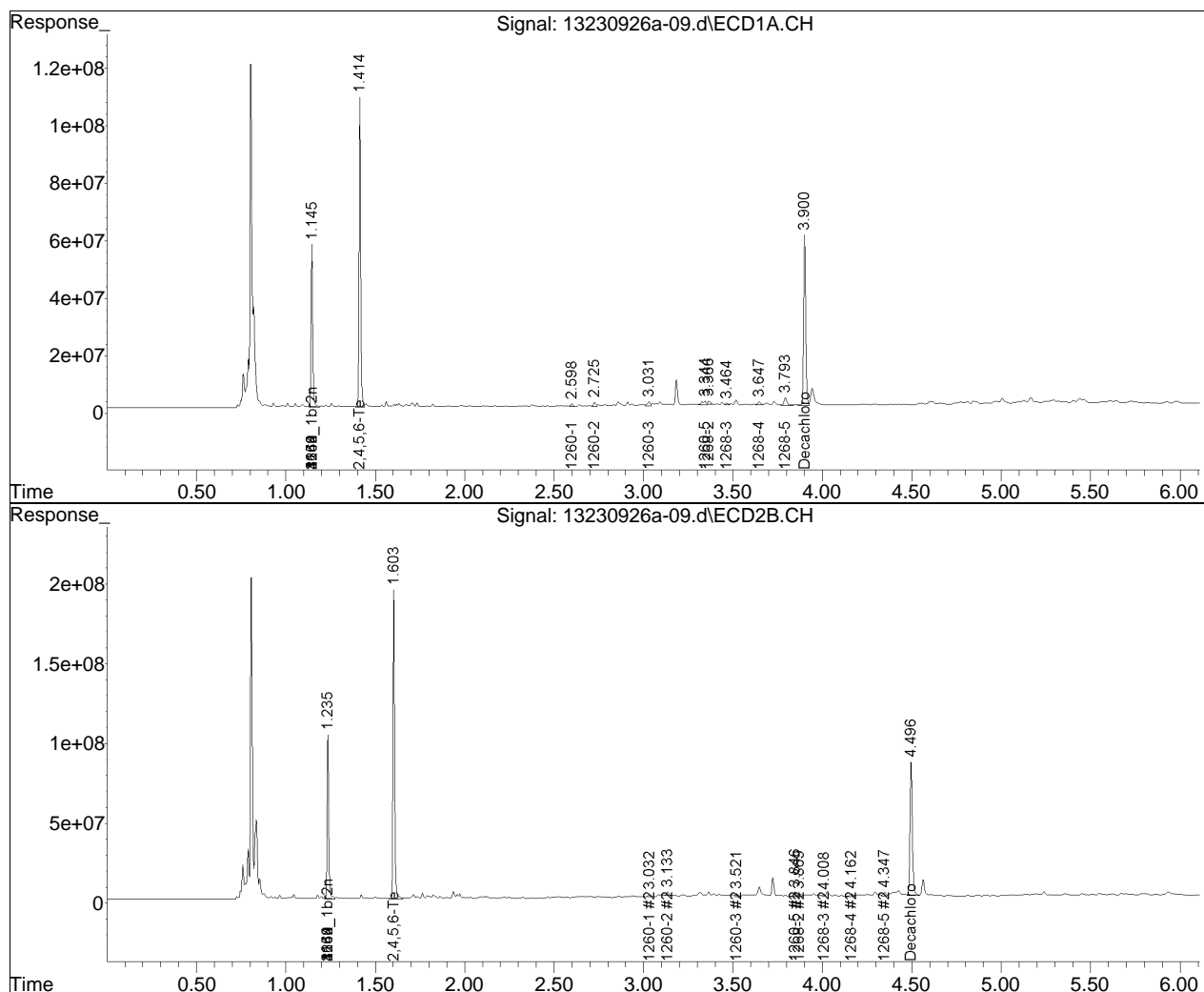


Sub List : Default - All compounds listed\13230926a-03.d••

Data Path : I:\PCB\Pest13\2023\230926a\
 Data File : 13230926a-09.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:50 am
 Operator : pest13:mco
 Sample : L2353020-03,42,, rr
 Misc : wg1832058,WG1831053,ical20295
 ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 12:48:02 2023
 Quant Method : I:\PCB\Pest13\2023\230926A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



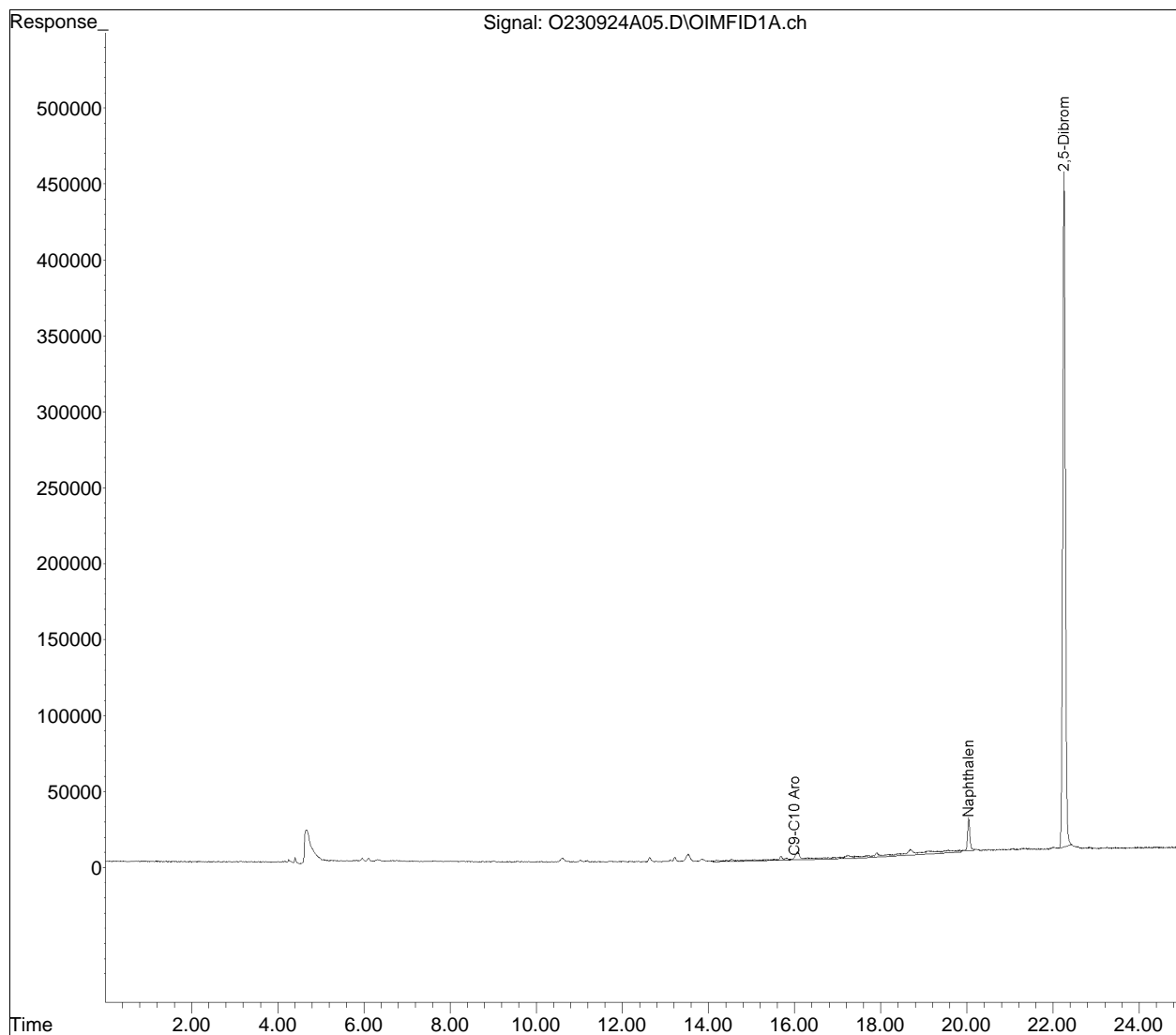
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aaro\
Data File : O230924A05.D
Signal(s) : OIMFID1A.ch
Acq On : 24 Sep 2023 2:34 pm
Operator : OVPH:BAD
Sample : WG1831642-4,41,15,15,0.100,,
Misc : WG1831642,ICAL20207,VPH-75
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:52:39 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



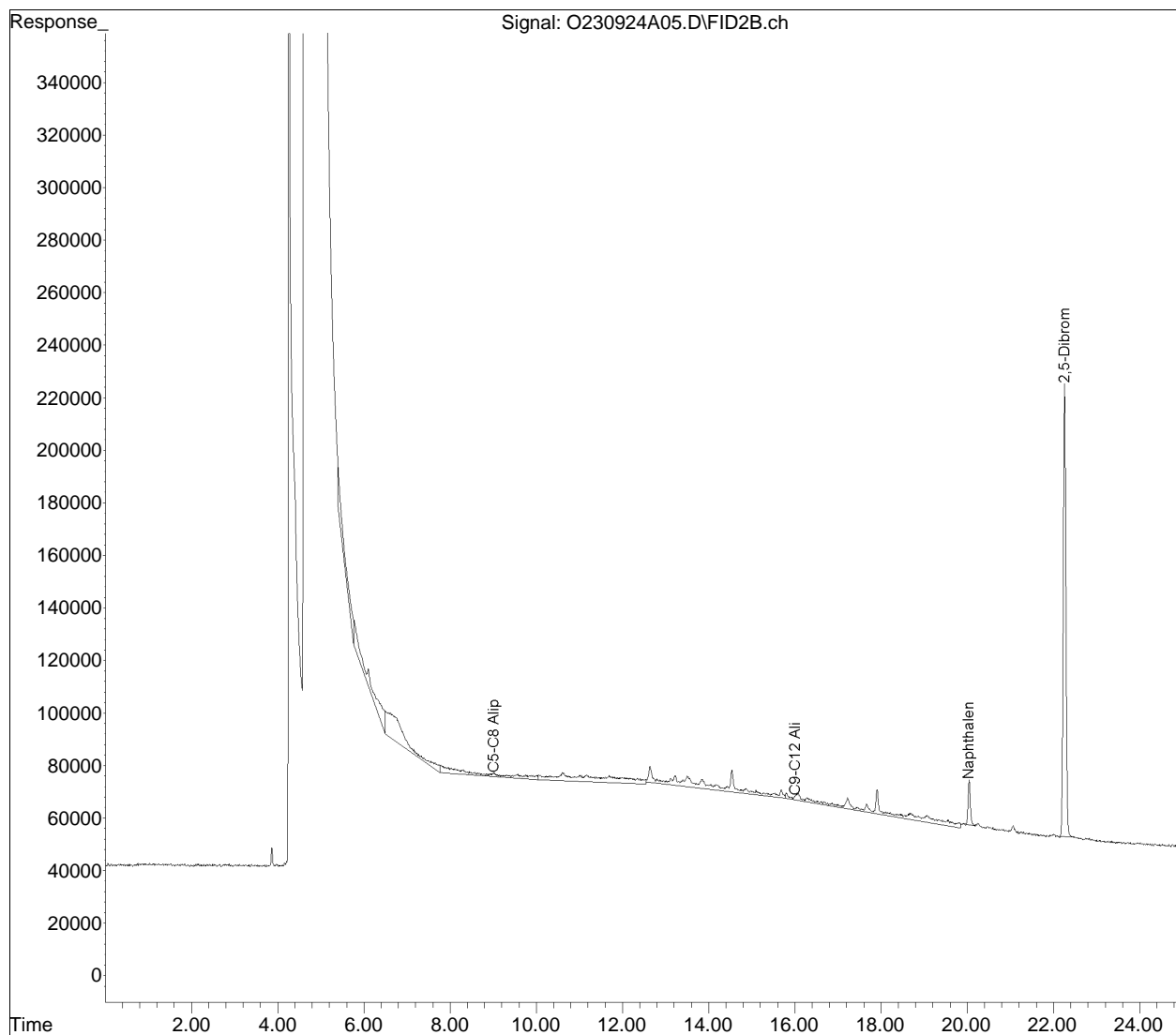
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aali\
Data File : O230924A05.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 2:34 pm
Operator : OVPH:BAD
Sample : WG1831642-4,41,15,15,0.100,,
Misc : WG1831642,ICAL20206,VPH-75
ALS Vial : 5 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:50:46 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



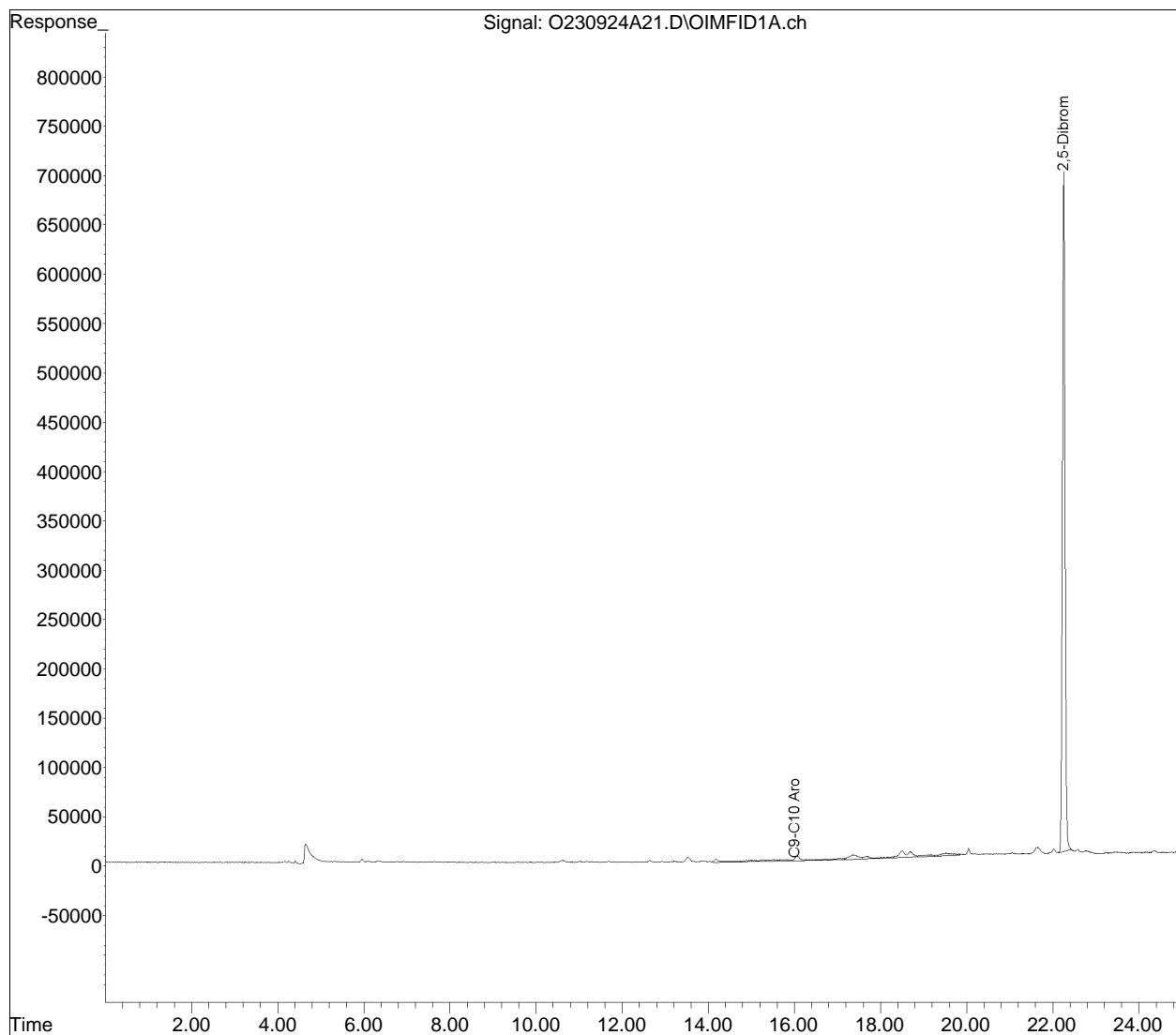
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aaro\
Data File : O230924A21.D
Signal(s) : OIMFID1A.ch
Acq On : 24 Sep 2023 10:37 pm
Operator : OVPH:BAD
Sample : 12353020-01,41,15,27.24,0.100,,a
Misc : WG1831642,ICAL20207,VPH-75
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:53:12 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



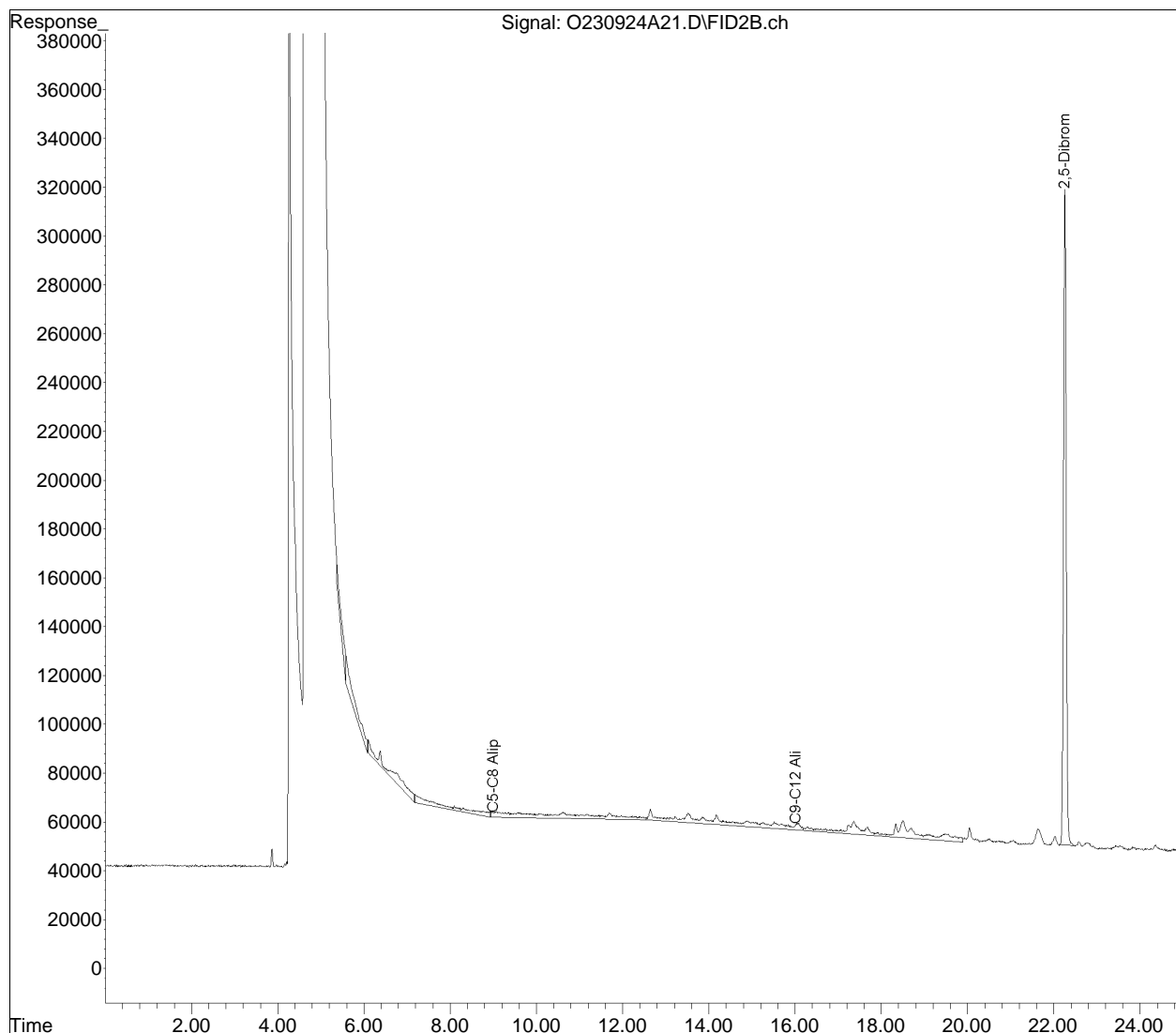
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aali\
Data File : O230924A21.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 10:37 pm
Operator : OVPH:BAD
Sample : 12353020-01,41,15,27.24,0.100,,a
Misc : WG1831642,ICAL20206,VPH-75
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:51:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



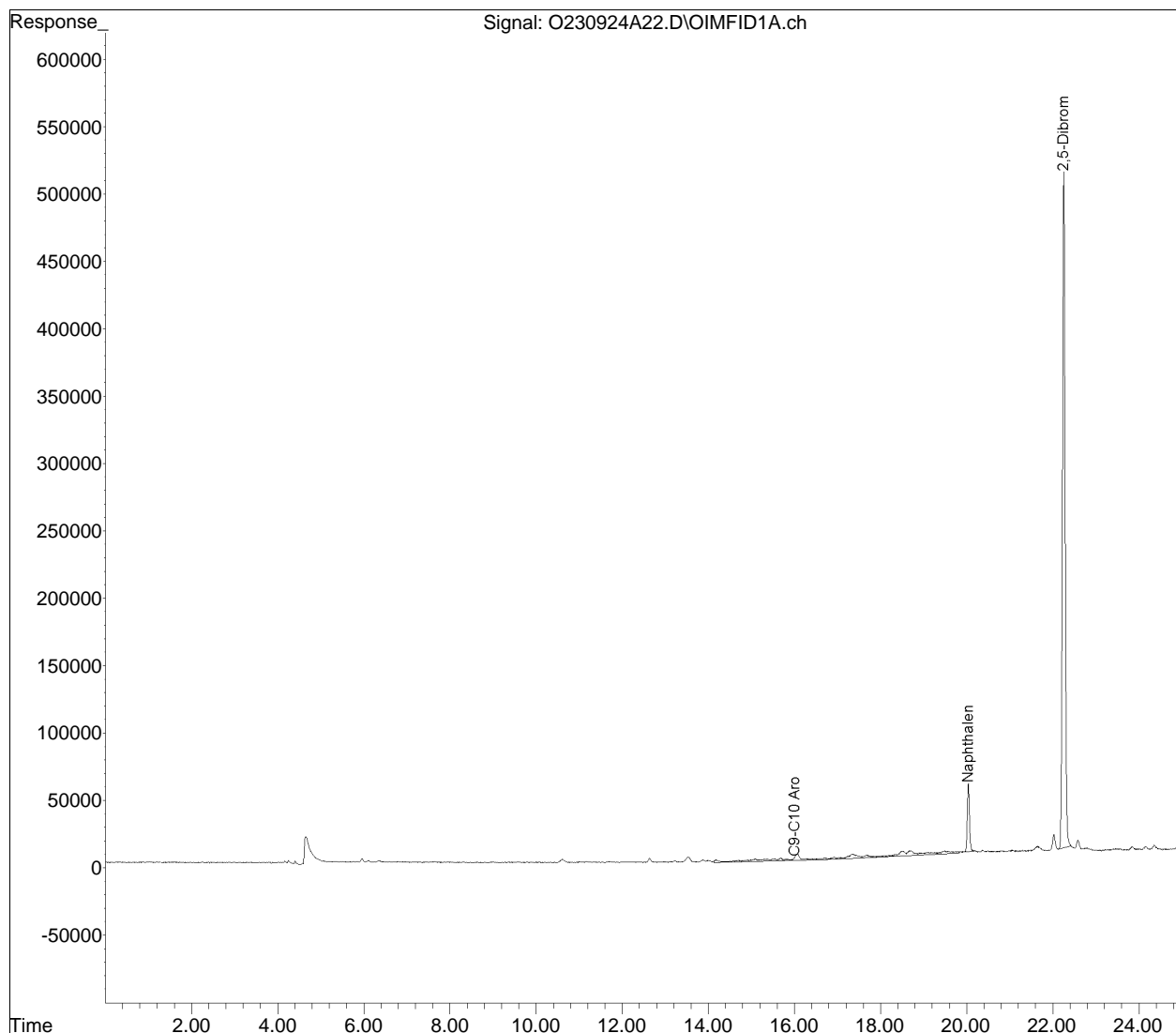
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aaro\
Data File : O230924A22.D
Signal(s) : OIMFID1A.ch
Acq On : 24 Sep 2023 11:08 pm
Operator : OVPH:BAD
Sample : 12353020-02,41,15,24.33,0.100,,a
Misc : WG1831642,ICAL20207,VPH-75
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:53:15 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



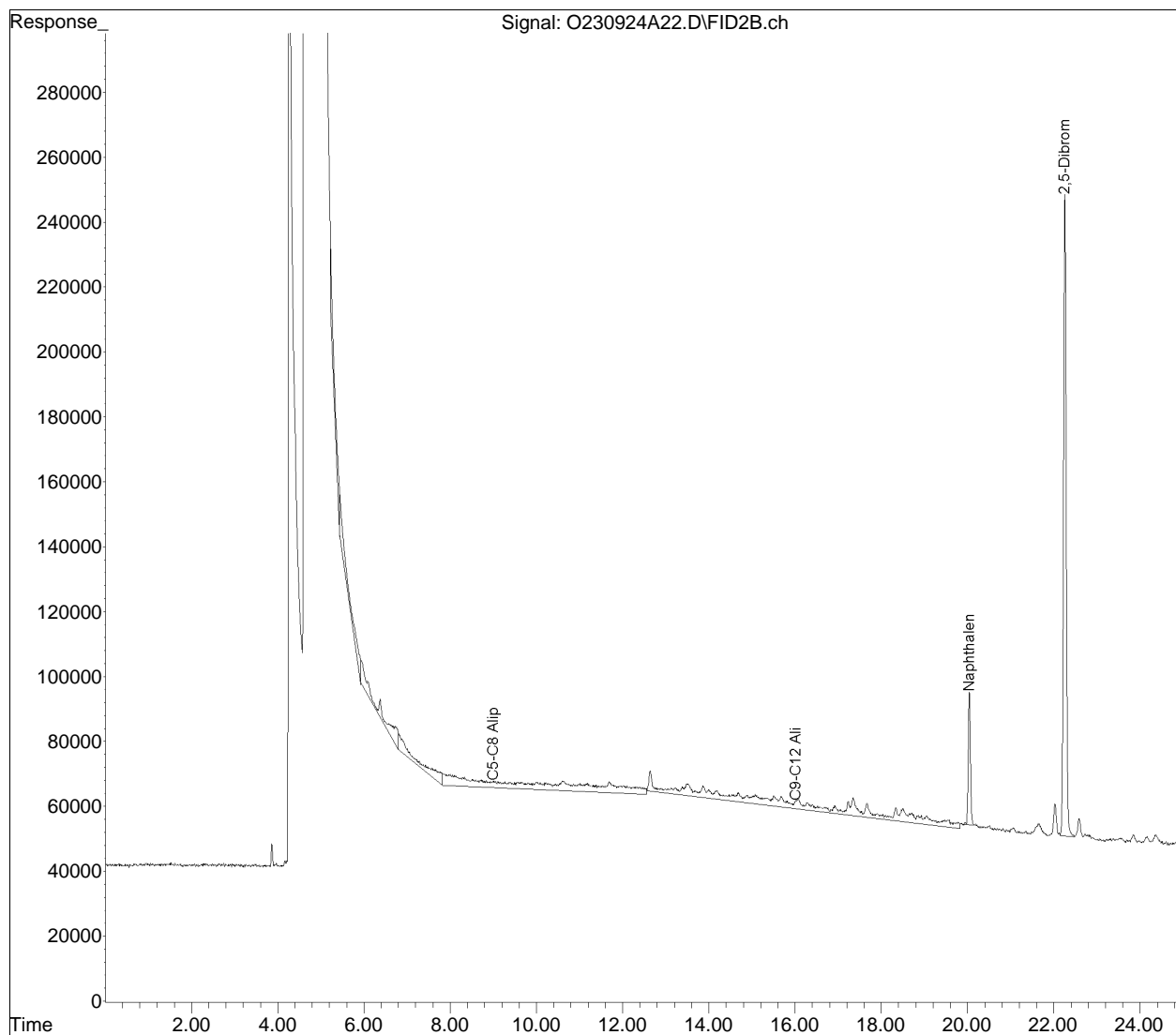
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aali\
Data File : O230924A22.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 11:08 pm
Operator : OVPH:BAD
Sample : 12353020-02,41,15,24.33,0.100,,a
Misc : WG1831642,ICAL20206,VPH-75
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:51:18 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



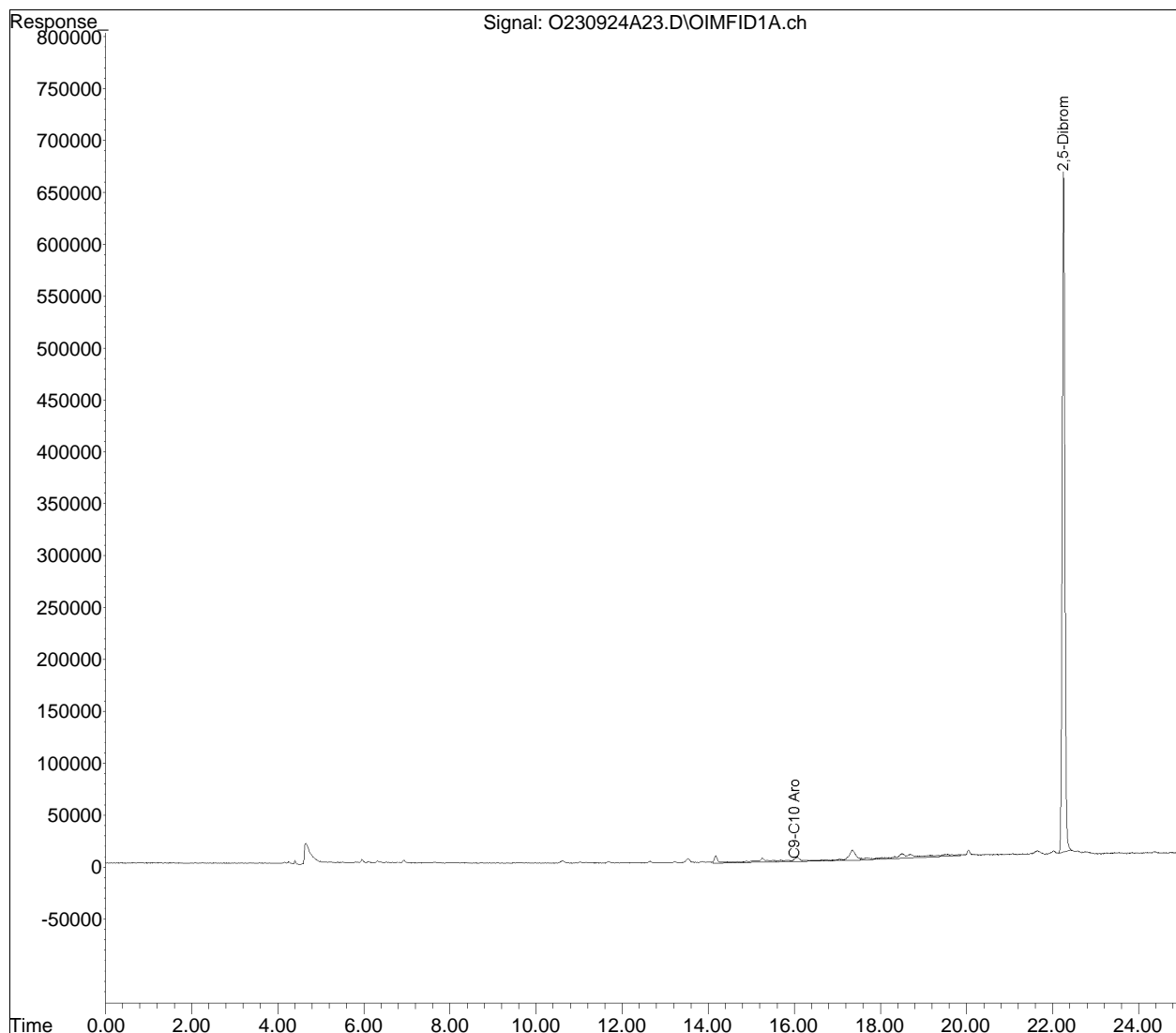
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aaro\
Data File : O230924A23.D
Signal(s) : OIMFID1A.ch
Acq On : 24 Sep 2023 11:38 pm
Operator : OVPH:BAD
Sample : 12353020-03,41,15,26.63,0.100,,a
Misc : WG1831642,ICAL20207,VPH-75
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:53:17 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



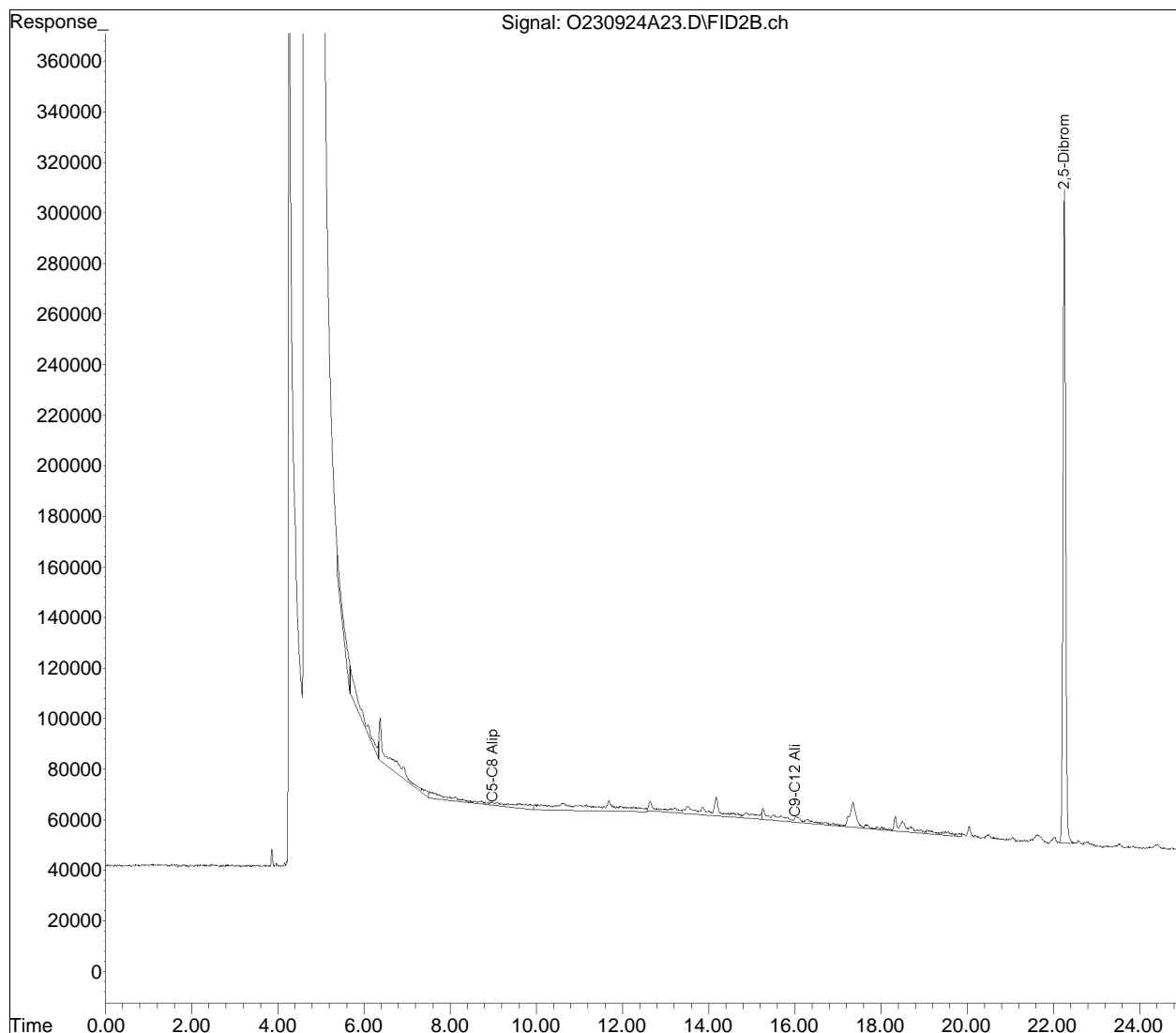
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230924Aali\
Data File : O230924A23.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 11:38 pm
Operator : OVPH:BAD
Sample : 12353020-03,41,15,26.63,0.100,,a
Misc : WG1831642,ICAL20206,VPH-75
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 08:51:20 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230924Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 20, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,

Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134335 CLIENT PROJECT ID: L2353020

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353020
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134335
 Date Sampled: 9/12/2023
 Date Received: 9/13/2023
 Date Analyzed: 9/19/2023
 Date of Report: 9/20/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-411	N/A	0	0	0	0	0	0	0	0	0	0	0	0	100

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-402	N/A	0	<1	0	0	0	0	0	0	7	0	0	0	93

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-405	N/A	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite

Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage


 Thomas Pickett, Analyst

Client Name: Alpha Analytical - Westborough
Client Project #: L2353020
Client Reference: ME

Batch: S 134335
Date Received: 9/13/2023
Date Due: 9/20/2023
Stop on first pos: Yes or No

Batch: S 134335

Sample ID	Description	Analyst	Stereo Scope				Optical Properties					RI		Asbestos Percent					Non-Asbestos Percent								
			SSAPE	Color	Homogeneity	Texture	Frangible	Morphology	Extinction	Elongation	Sign of	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other
SD-411	Soil	TP	0	N/A																							100
SD-402	Soil		0	N/A																							FW
																											7
SD-405	Soil		0	N/A																							FW
																											2
																											98

Analyzed By / Date: [Signature] 9-19-23

QC By / Date: [Signature] 09/19/23

Fax, Email, Verbal Results By / Date:

of Samples: 3

Comments:



Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

5134335

Alpha Job Number
L2353020

Client Information	Project Information	Regulatory Requirements/Report Limits
--------------------	---------------------	---------------------------------------

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Project Location: ME
Project Manager: Graham Parker

State/Federal Program:
Regulatory Criteria:

Phone: 508.439.5160
Email: gparker@alphalab.com

Turnaround & Deliverables Information

Due Date:
Deliverables:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353020

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SD-411 SD-402 SD-405	09-12-23 13:30 09-12-23 11:10 09-12-23 13:25	SOIL SOIL SOIL	Asbestos-PLM Asbestos-PLM Asbestos-PLM	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>Joseph Dellicker AAAL</i>	<i>9/13/23</i>	<i>Eric Woods AAAL</i>	<i>9/13/23 8:15</i>
	<i>Eric Woods AAAL</i>	<i>9/13/23 10:30</i>	<i>Joseph Dellicker</i>	<i>9/13/23 10:30</i>
No: AL_subcoc				



ANALYTICAL REPORT

Lab Number:	L2353024
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/27/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353024-01	EF-05	WATER	WISCASSETT MAINE	09/12/23 12:10	09/12/23
L2353024-02	TRIP BLANK	WATER	WISCASSETT MAINE	09/12/23 00:00	09/12/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2353024-02: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

The WG1830333-3/-4 LCS/LCSD RPDs, associated with L2353024-01 and -02, are above the acceptance criteria for 2-butanone (23%) and tetrahydrofuran (22%).

Semivolatile Organics

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353024-01, are below the acceptance criteria for benzidine (2%/2%), and pyridine (LCS 8%); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353024-01, are below the individual acceptance criteria for aniline (25%/23%), but within the overall method allowances. The results of the associated sample are reported.

EPH

The WG1830500-2/-3 LCS/LCSD RPD, associated with L2353024-01, is above the acceptance criteria for naphthalene (26%).

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Case Narrative (continued)

Solids, Total Suspended

WG1827914: A Laboratory Duplicate was prepared with the sample batch, however, the native sample required re-analysis; therefore, the result could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative

Date: 09/27/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:52
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	0.49	J	ug/l	2.0	0.20	1
Bromomethane	0.31	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 10:34
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.39	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353024-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	0.40	J	ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	99		97		70-130	2		20
Chlorobenzene	100		100		75-130	0		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	88		92		54-136	4		20
1,1,1,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		25
Toluene	100		100		70-130	0		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	130		130		39-139	0		20
Vinyl chloride	120		120		55-140	0		20
Chloroethane	130		120		55-138	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
1,1-Dichloroethene	120		110		61-145	9		25
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		98		70-130	2		25
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	98		97		70-130	1		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	90		95		64-130	5		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	92		95		58-148	3		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	87		110		63-138	23	Q	20
4-Methyl-2-pentanone	89		94		59-130	5		20
2-Hexanone	85		90		57-130	6		20
Bromochloromethane	110		100		70-130	10		20
Tetrahydrofuran	110		88		58-130	22	Q	20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	98		100		70-130	2		20
n-Butylbenzene	99		99		53-136	0		20
sec-Butylbenzene	100		98		70-130	2		20
tert-Butylbenzene	100		98		70-130	2		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	100		99		70-130	1		20
1,2-Dibromo-3-chloropropane	85		93		41-144	9		20
Hexachlorobutadiene	88		90		63-130	2		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		98		70-130	2		20
Naphthalene	92		100		70-130	8		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	91		98		70-130	7		20
1,2,4-Trichlorobenzene	92		96		70-130	4		20
1,3,5-Trimethylbenzene	100		98		64-130	2		20
1,3,5-Trichlorobenzene	95		96		70-130	1		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
Ethyl ether	110		110		59-134	0		20
Diisopropyl Ether	100		100		70-130	0		20
Tert-Butyl Alcohol	96		110		70-130	14		20
Ethyl-Tert-Butyl-Ether	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Tertiary-Amyl Methyl Ether	99		100		66-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 17:24
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	59		41-149

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 11:09
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01

Date Collected: 09/12/23 12:10

Client ID: EF-05

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	77		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Acenaphthene	70		69		37-111	1		30
Benidine	2	Q	2	Q	10-75	15		30
1,2,4-Trichlorobenzene	62		65		39-98	5		30
Hexachlorobenzene	65		65		40-140	0		30
Bis(2-chloroethyl)ether	66		71		40-140	7		30
2-Chloronaphthalene	68		68		40-140	0		30
1,2-Dichlorobenzene	59		65		40-140	10		30
1,3-Dichlorobenzene	57		62		40-140	8		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	86		84		48-143	2		30
2,6-Dinitrotoluene	80		79		40-140	1		30
Azobenzene	79		77		40-140	3		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	72		71		40-140	1		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	56		58		40-140	4		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorobutadiene	58		60		40-140	3		30
Hexachlorocyclopentadiene	52		52		40-140	0		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	79		82		40-140	4		30
Naphthalene	65		66		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	76		74		40-140	3		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		30
Butyl benzyl phthalate	84		82		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	85		83		40-140	2		30
Diethyl phthalate	82		80		40-140	2		30
Dimethyl phthalate	76		76		40-140	0		30
Benzo(a)anthracene	76		73		40-140	4		30
Benzo(a)pyrene	81		77		40-140	5		30
Benzo(b)fluoranthene	74		70		40-140	6		30
Benzo(k)fluoranthene	73		71		40-140	3		30
Chrysene	73		71		40-140	3		30
Acenaphthylene	80		78		45-123	3		30
Anthracene	73		72		40-140	1		30
Benzo(ghi)perylene	73		72		40-140	1		30
Fluorene	74		73		40-140	1		30
Phenanthrene	70		70		40-140	0		30
Dibenzo(a,h)anthracene	73		73		40-140	0		30
Indeno(1,2,3-cd)pyrene	91		90		40-140	1		30
Pyrene	73		71		26-127	3		30
Biphenyl	72		72		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Aniline	25	Q	23	Q	40-140	8		30
4-Chloroaniline	61		55		40-140	10		30
1-Methylnaphthalene	66		67		41-103	2		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	74		70		25-145	6		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	72		72		40-140	0		30
2-Methylnaphthalene	68		68		40-140	0		30
n-Nitrosodimethylamine	41		42		22-74	2		30
2,4,6-Trichlorophenol	79		78		30-130	1		30
p-Chloro-m-cresol	79		77		23-97	3		30
2-Chlorophenol	70		71		27-123	1		30
2,4-Dichlorophenol	76		80		30-130	5		30
2,4-Dimethylphenol	57		58		30-130	2		30
2-Nitrophenol	90		92		30-130	2		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	94		98		20-130	4		30
4,6-Dinitro-o-cresol	97		95		20-164	2		30
Pentachlorophenol	75		76		9-103	1		30
Phenol	34		34		12-110	0		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	63		63		30-130	0		30
2,4,5-Trichlorophenol	77		77		30-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Benzoic Acid	38		38		10-164	0		30
Benzyl Alcohol	68		70		26-116	3		30
Carbazole	78		75		55-144	4		30
Pyridine	8	Q	10		10-66	13		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	47		49		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	71		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3								
Acenaphthene	72		69		40-140	4		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	81		79		40-140	3		40
Hexachlorobutadiene	66		64		40-140	3		40
Naphthalene	71		68		40-140	4		40
Benzo(a)anthracene	82		77		40-140	6		40
Benzo(a)pyrene	88		83		40-140	6		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	77		72		40-140	7		40
Acenaphthylene	84		83		40-140	1		40
Anthracene	80		76		40-140	5		40
Benzo(ghi)perylene	78		73		40-140	7		40
Fluorene	76		74		40-140	3		40
Phenanthrene	73		70		40-140	4		40
Dibenzo(a,h)anthracene	86		82		40-140	5		40
Indeno(1,2,3-cd)pyrene	100		95		40-140	5		40
Pyrene	82		80		40-140	2		40
1-Methylnaphthalene	71		69		40-140	3		40
2-Methylnaphthalene	76		73		40-140	4		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	64		59		40-140	8		40
Hexachloroethane	71		69		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	53		51		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	86		84		23-120
2-Fluorobiphenyl	75		73		15-120
2,4,6-Tribromophenol	57		56		10-120
4-Terphenyl-d14	84		84		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 17:35
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	99		70-130
2,5-Dibromotoluene-FID	100		70-130

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/23/23 18:10
 Analyst: SC

Extraction Method: EPA 3510C
 Extraction Date: 09/21/23 21:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/22/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	78		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	94		40-140
2-Bromonaphthalene	94		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/23/23 12:01
Analyst: ALL

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 18:33
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1830500-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	60		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	65		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/22/23 17:05
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1831574-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								
C9-C18 Aliphatics	53		61		40-140	14		25
C19-C36 Aliphatics	70		78		40-140	11		25
C11-C22 Aromatics	52		62		40-140	18		25
Naphthalene	43		56		40-140	26	Q	25
2-Methylnaphthalene	46		58		40-140	23		25
Acenaphthylene	46		57		40-140	21		25
Acenaphthene	48		60		40-140	22		25
Fluorene	49		59		40-140	19		25
Phenanthrene	49		58		40-140	17		25
Anthracene	49		59		40-140	19		25
Fluoranthene	51		59		40-140	15		25
Pyrene	50		59		40-140	17		25
Benzo(a)anthracene	51		60		40-140	16		25
Chrysene	51		60		40-140	16		25
Benzo(b)fluoranthene	50		58		40-140	15		25
Benzo(k)fluoranthene	49		57		40-140	15		25
Benzo(a)pyrene	52		62		40-140	18		25
Indeno(1,2,3-cd)Pyrene	54		63		40-140	15		25
Dibenzo(a,h)anthracene	55		66		40-140	18		25
Benzo(ghi)perylene	53		63		40-140	17		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	65		75		40-140
o-Terphenyl	51		61		40-140
2-Fluorobiphenyl	79		75		40-140
2-Bromonaphthalene	80		75		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1831574-2 WG1831574-3								
C5-C8 Aliphatics	107		113		70-130	5		25
C9-C12 Aliphatics	107		112		70-130	5		25
C9-C10 Aromatics	103		109		70-130	6		25
Benzene	105		111		70-130	6		25
Toluene	106		112		70-130	6		25
Ethylbenzene	107		113		70-130	5		25
p/m-Xylene	105		111		70-130	6		25
o-Xylene	106		112		70-130	6		25
Methyl tert butyl ether	107		116		70-130	8		25
Naphthalene	105		113		70-130	7		25
1,2,4-Trimethylbenzene	103		109		70-130	6		25
Pentane	109		115		70-130	5		25
2-Methylpentane	108		114		70-130	5		25
2,2,4-Trimethylpentane	105		110		70-130	5		25
n-Nonane	105		110		30-130	5		25
n-Decane	108		113		70-130	5		25
n-Butylcyclohexane	107		112		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	114		114		70-130
2,5-Dibromotoluene-FID	113		113		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/24/23 16:07
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 07:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/23/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	0.109	J	ug/l	0.250	0.032	1	B
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	0.109	J	ug/l	0.250	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/24/23 15:39
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/23/23 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1831050-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1831050-2 WG1831050-3									
Aroclor 1016	58		65		40-140	12		50	A
Aroclor 1260	61		69		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		58		30-150	A
Decachlorobiphenyl	61		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		63		30-150	B
Decachlorobiphenyl	73		83		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353024-01
 Client ID: EF-05
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:10
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0236		mg/l	0.0100	0.00327	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Antimony, Total	0.01118		mg/l	0.00400	0.00042	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00145		mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Barium, Total	0.01098		mg/l	0.00050	0.00017	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Calcium, Total	10.9		mg/l	0.100	0.0394	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00495		mg/l	0.00100	0.00017	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00027	J	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Copper, Total	0.03615		mg/l	0.00100	0.00038	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Iron, Total	0.104		mg/l	0.0500	0.0191	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Lead, Total	0.00404		mg/l	0.00100	0.00034	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Magnesium, Total	9.62		mg/l	0.0700	0.0242	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00765		mg/l	0.00100	0.00044	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/14/23 15:15	09/19/23 13:36	EPA 7470A	1,7470A	GMG
Nickel, Total	0.00521		mg/l	0.00200	0.00055	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Potassium, Total	20.5		mg/l	0.100	0.0309	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Sodium, Total	20.6		mg/l	0.100	0.0293	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.3176		mg/l	0.02500	0.00785	5	09/14/23 08:18	09/25/23 09:59	EPA 3005A	1,6020B	EJF
Zinc, Total	0.04514		mg/l	0.01000	0.00341	1	09/14/23 08:18	09/25/23 09:36	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827286-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Calcium, Total	ND	mg/l	0.100	0.0394	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827570-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/14/23 15:15	09/14/23 18:18	1,7470A	GMG



Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	83		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827570-2					
Mercury, Total	103	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353024-01

Date Collected: 09/12/23 12:10

Client ID: EF-05

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN



Project Name: MASON STATION

Lab Number: L2353024

Project Number: Not Specified

Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1827914-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353024

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1827914-2								
Solids, Total Suspended	97		-		80-120	-		

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353024-01A	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-VPH-18(14)
L2353024-01B	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-VPH-18(14)
L2353024-01C	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-VPH-18(14)
L2353024-01D	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-8260(14)
L2353024-01E	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-8260(14)
L2353024-01F	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-8260(14)
L2353024-01G	Plastic 250ml HNO3 preserved	D	<2	<2	4.3	Y	Present/Intact		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2353024-01H	Amber 120ml unpreserved	D	7	7	4.3	Y	Present/Intact		PCB-8082-LVI(365)
L2353024-01I	Amber 120ml unpreserved	D	7	7	4.3	Y	Present/Intact		PCB-8082-LVI(365)
L2353024-01J	Plastic 950ml unpreserved	D	7	7	4.3	Y	Present/Intact		TSS-2540(7)
L2353024-01K	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353024-01L	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353024-01M	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353024-01N	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353024-01O	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353024-01P	Amber 1000ml unpreserved	D	7	7	4.3	Y	Present/Intact		SUB-ASBESTOS-TEM(2)

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353024-01R	Amber 1000ml HCl preserved	D	<2	<2	4.3	Y	Present/Intact		EPH-20(14)
L2353024-01S	Amber 1000ml HCl preserved	D	<2	<2	4.3	Y	Present/Intact		EPH-20(14)
L2353024-02A	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-8260(14)
L2353024-02B	Vial HCl preserved	D	NA		4.3	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353024
Report Date: 09/27/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353024**Project Number:** Not Specified**Report Date:** 09/27/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181

Fax: Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/12/23

ALPHA Job #: L2353024

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

ANALYSIS

VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)					
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SAMPLE HANDLING
Filtration
 Done
 Not Needed
 Lab to do
Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53024-01	EF-Q5	9-12-23	1210	water	CR

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Chris</i>	1300 12/4/23	<i>CR</i>	1300 12/4/23
<i>Chris</i>	12500 23 1528	<i>Merrey Bagley etc</i>	8/10/23 1528
<i>Merrey Bagley etc</i>	5/10/23 1500	<i>Merrey Bagley etc</i>	9/14/23 1500
<i>Merrey Bagley etc</i>		<i>Merrey Bagley etc</i>	9/12/23 2346

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO. 01-011-N2
(rev 9-JAN-12)



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113846

10 Iron Road
 Hermon, Maine 04401

Special _____
 Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
 Falmouth, Maine 04105

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>72 Center St</u>	Street <u>8 Walkup Dr</u>
Origin <u>Brower ME</u> Zip Code <u>04412</u>	Destination <u>Westboro MA</u> Zip Code <u>01581</u>
Phone # _____	Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
1		Cooler			
TOTAL PIECES			WEIGHT GRAND TOTAL	TOTAL CHARGES	

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature [Signature]

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents or condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to the carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Your hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	PICK-UP TIME <u>8:00</u>	RECIPIENT <u>[Signature]</u>	DELIVERY TIME <u>12:45</u>
CARRIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>	CARRIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>

RECIPIENT COPY

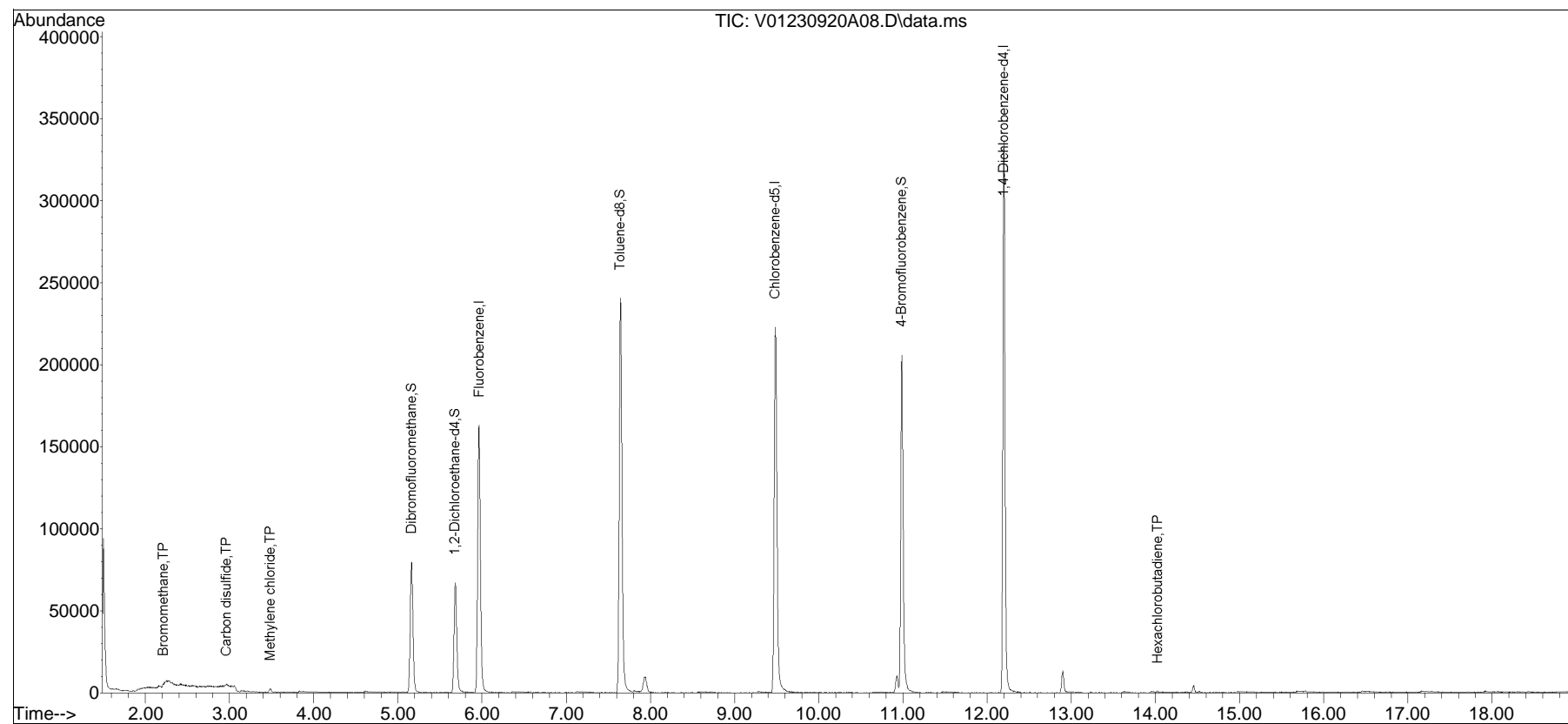


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A08.D
Acq On : 20 Sep 2023 10:07 am
Operator : VOA101:MJV
Sample : WG1830333-5,31,10,10
Misc : WG1830333,ICAL20376
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 12:41:14 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

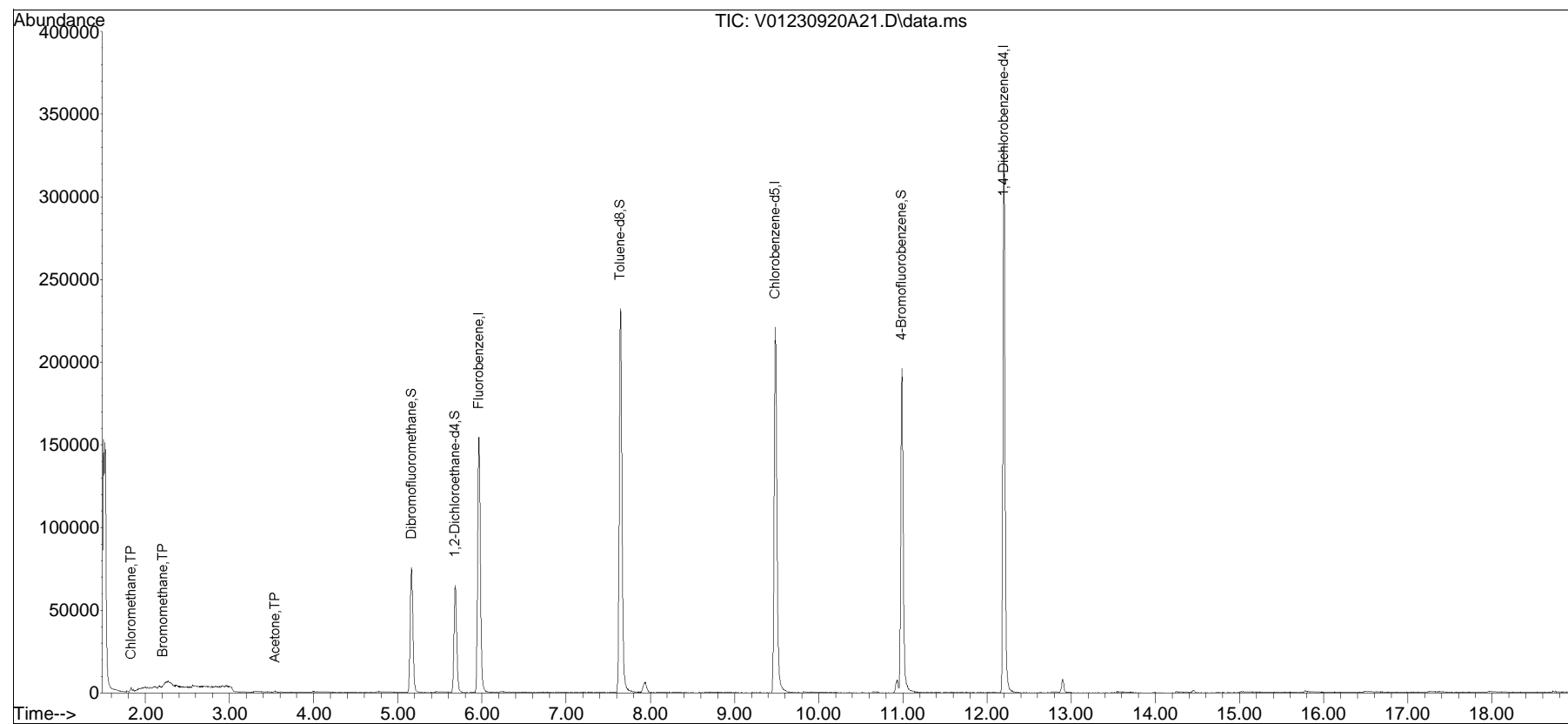


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A21.D
Acq On : 20 Sep 2023 3:52 pm
Operator : VOA101:MJV
Sample : L2353024-01,31,10,10,,D
Misc : WG1830333,ICAL20376
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 21 11:56:03 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

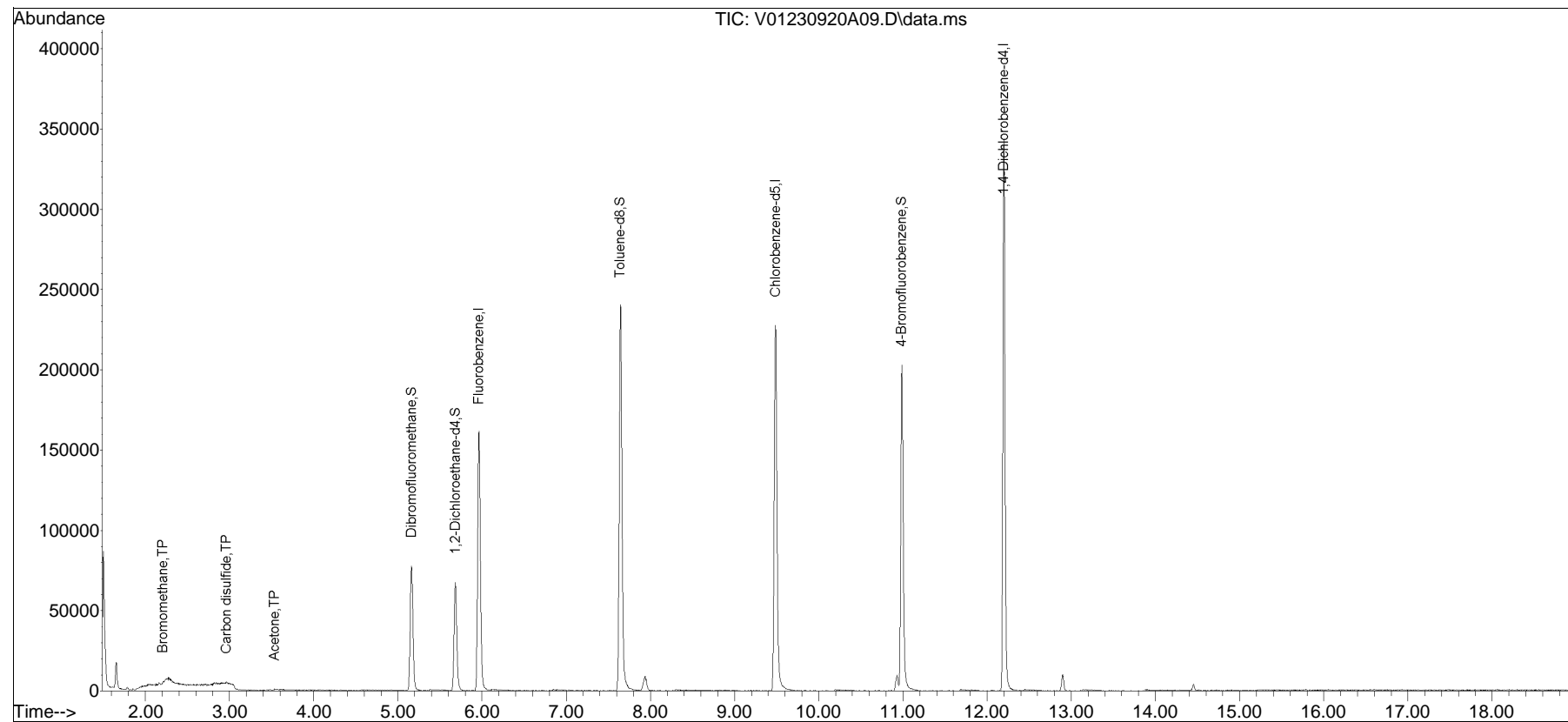


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920\
Data File : V01230920A09.D
Acq On : 20 Sep 2023 10:34 am
Operator : VOA101:MJV
Sample : L2353024-02,31,10,10,,A
Misc : WG1830333,ICAL20376
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 20 12:44:25 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

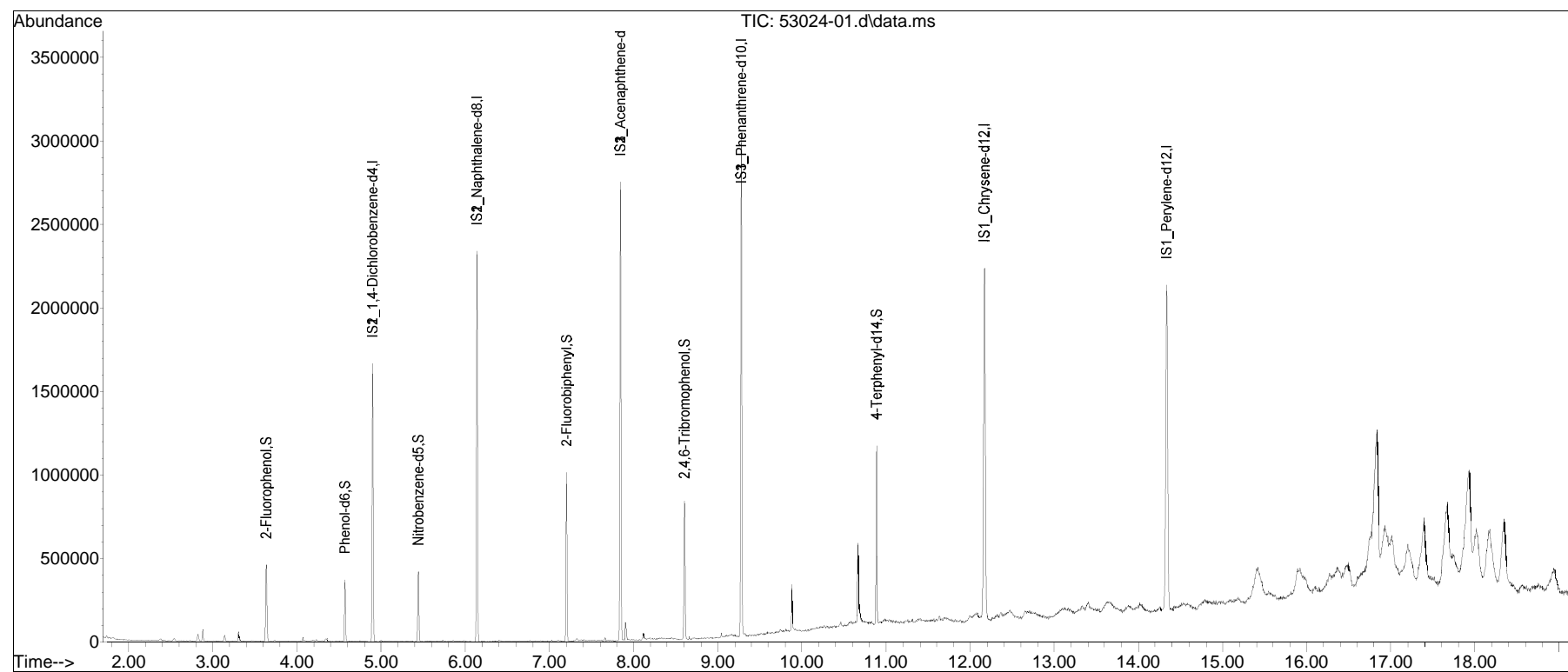


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 53024-01.d
Acq On : 16 Sep 2023 5:24 pm
Operator : SV103:cmm
Sample : L2353024-01,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 18 11:10:39 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:44:25 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA916.d••

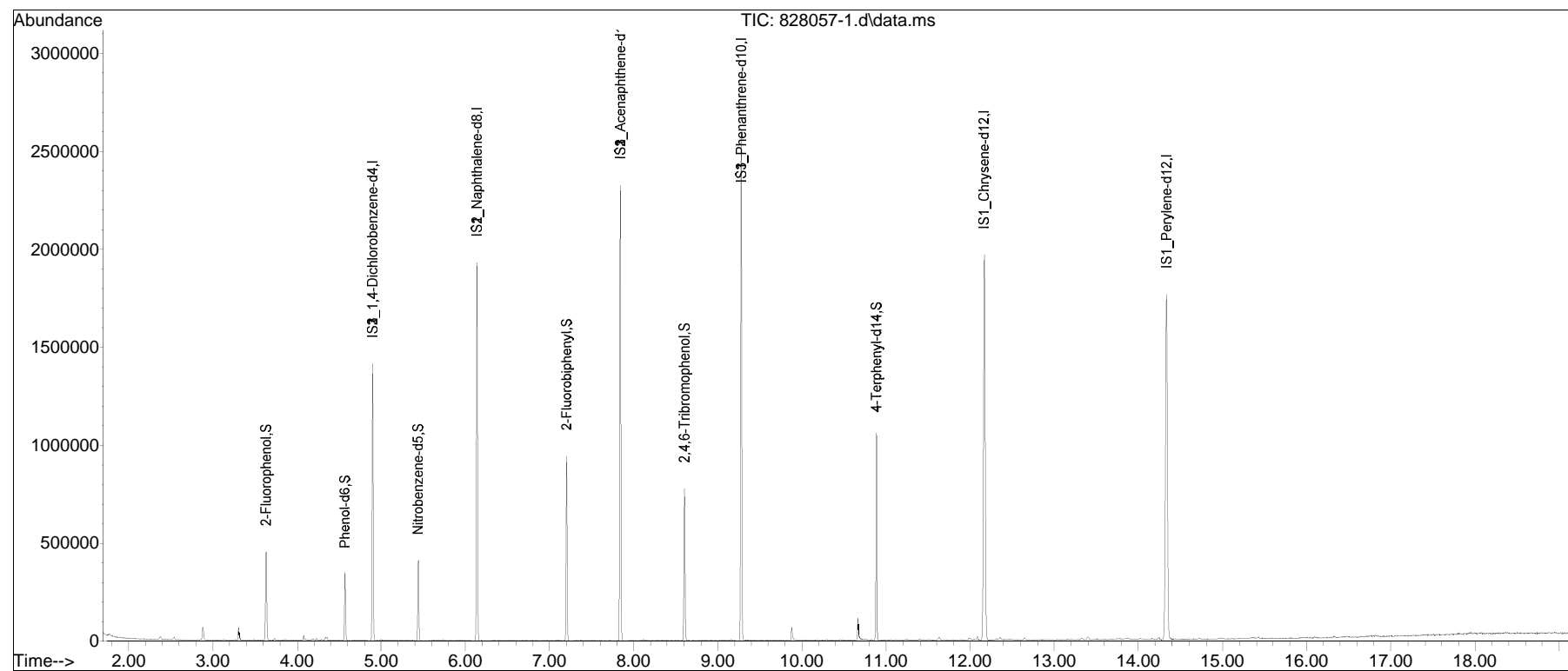


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 828057-1.d
Acq On : 16 Sep 2023 12:20 pm
Operator : SV103:cmm
Sample : WG1828057-1,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:41:23 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 12:40:34 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAa\AP90916.d••

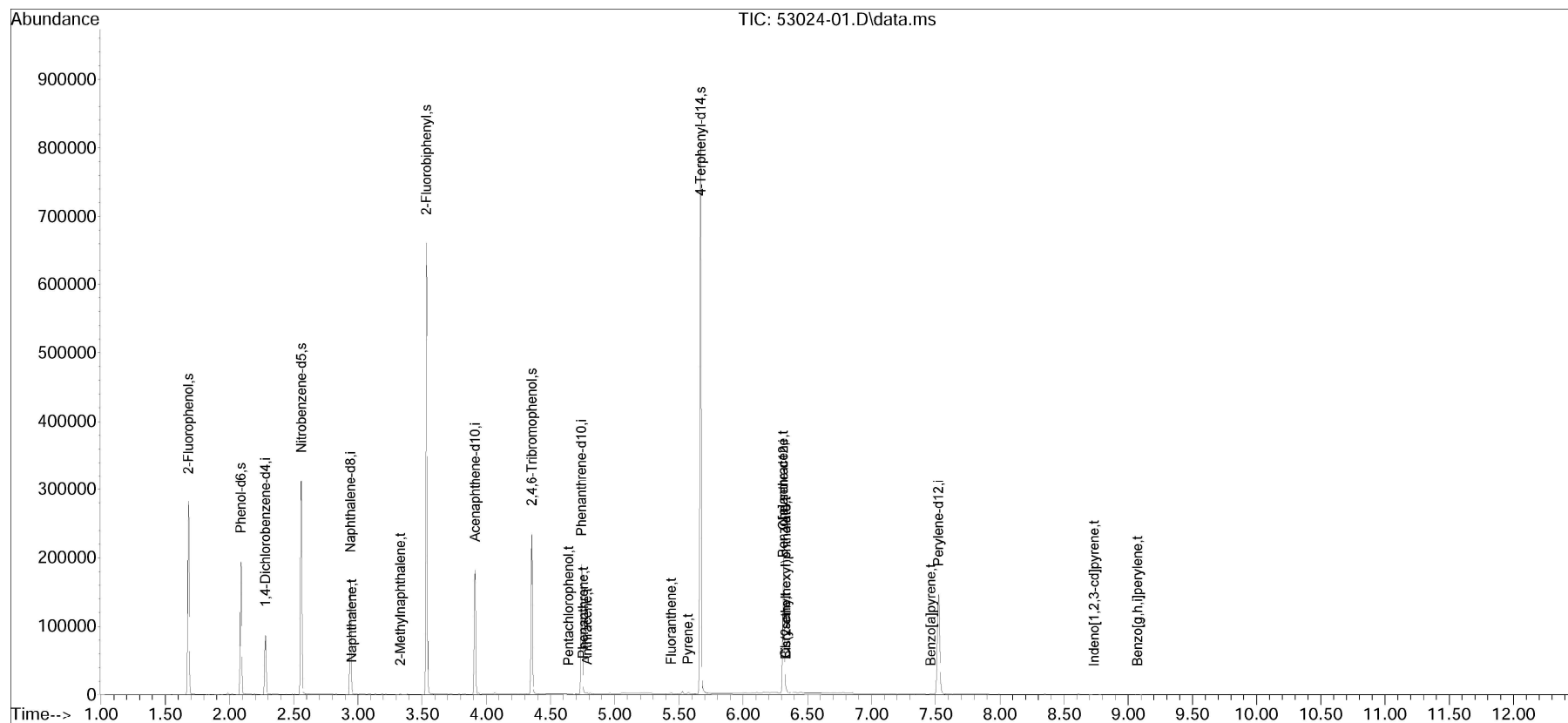


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53024-01.D
 Acq On : 17 Sep 2023 11:09 am
 Operator : SV120:jjw
 Sample : L2353024-01,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 10:18:46 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

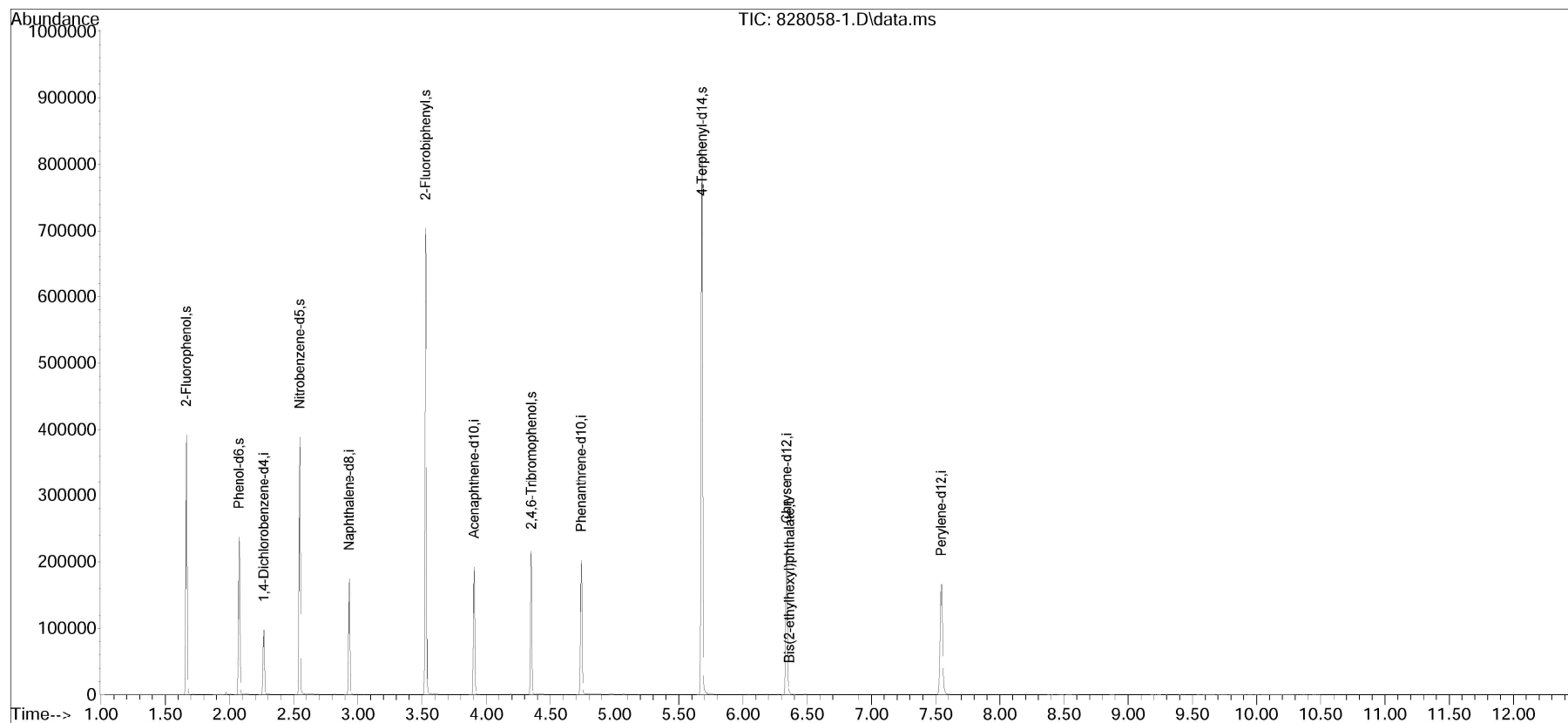


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230916ST\
Data File : 828058-1.D
Acq On : 16 Sep 2023 06:05 pm
Operator : SV120:jjw
Sample : WG1828058-1,32,,rp
Misc : WG1828348,WG1828058,ical19770
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 10:40:49 2023
Quant Method : I:\8270sim\sv120\230916ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:42:13 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0916a.D•

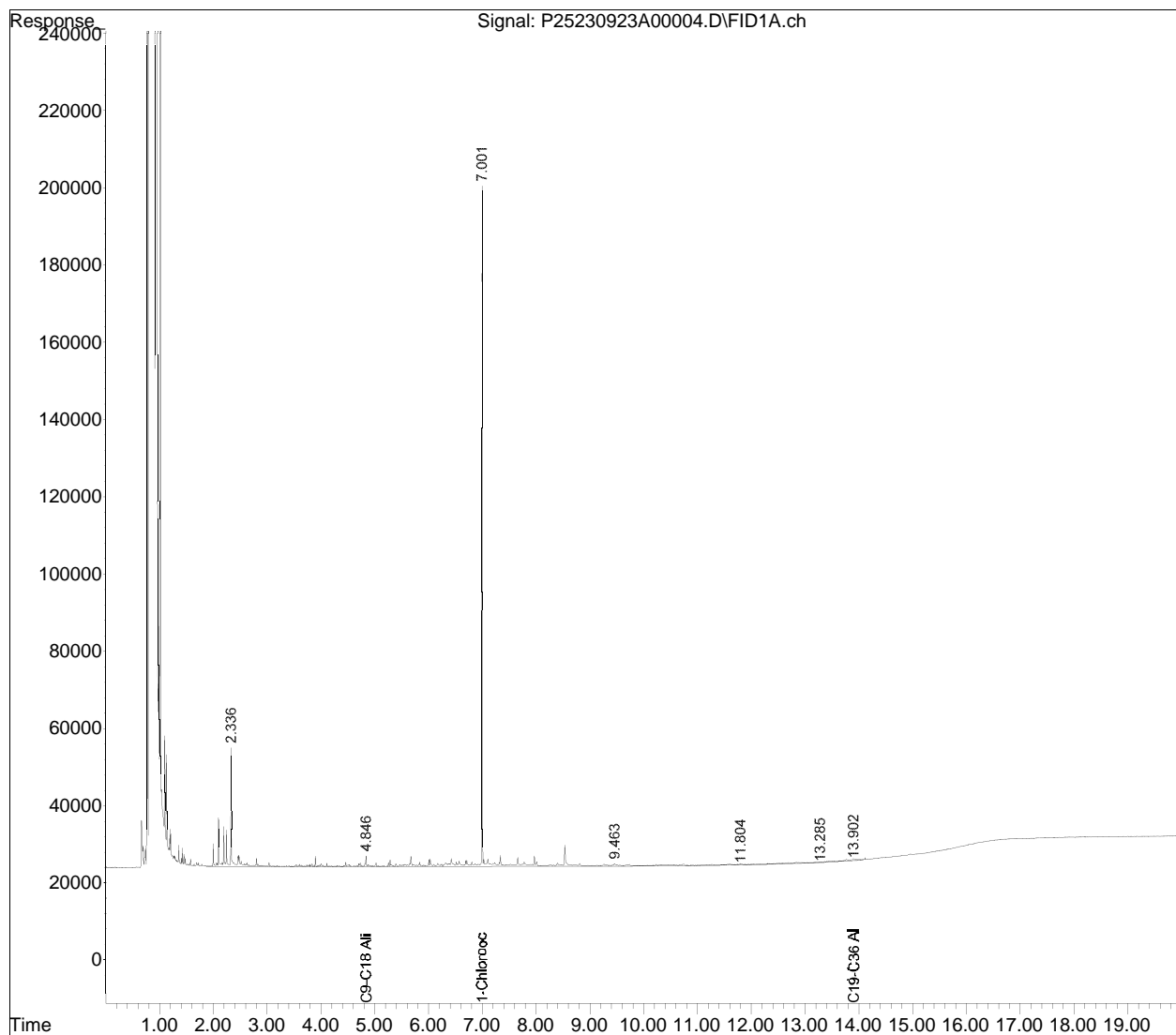


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923\
Data File : P25230923A00004.D
Signal(s) : FID1A.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25a:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 24 17:39:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

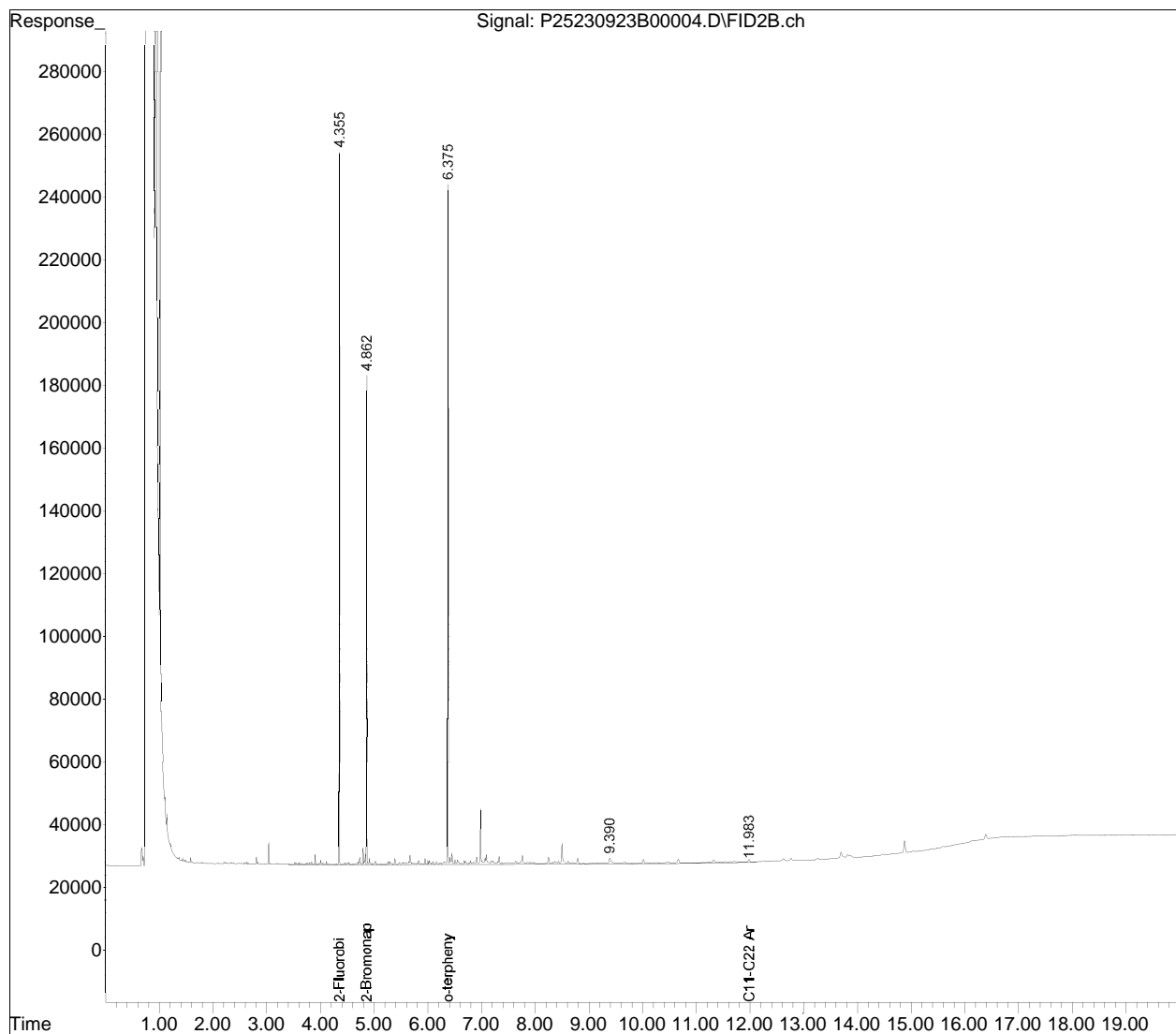


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923.sec\
Data File : P25230923B00004.D
Signal(s) : FID2B.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25b:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 17:32:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

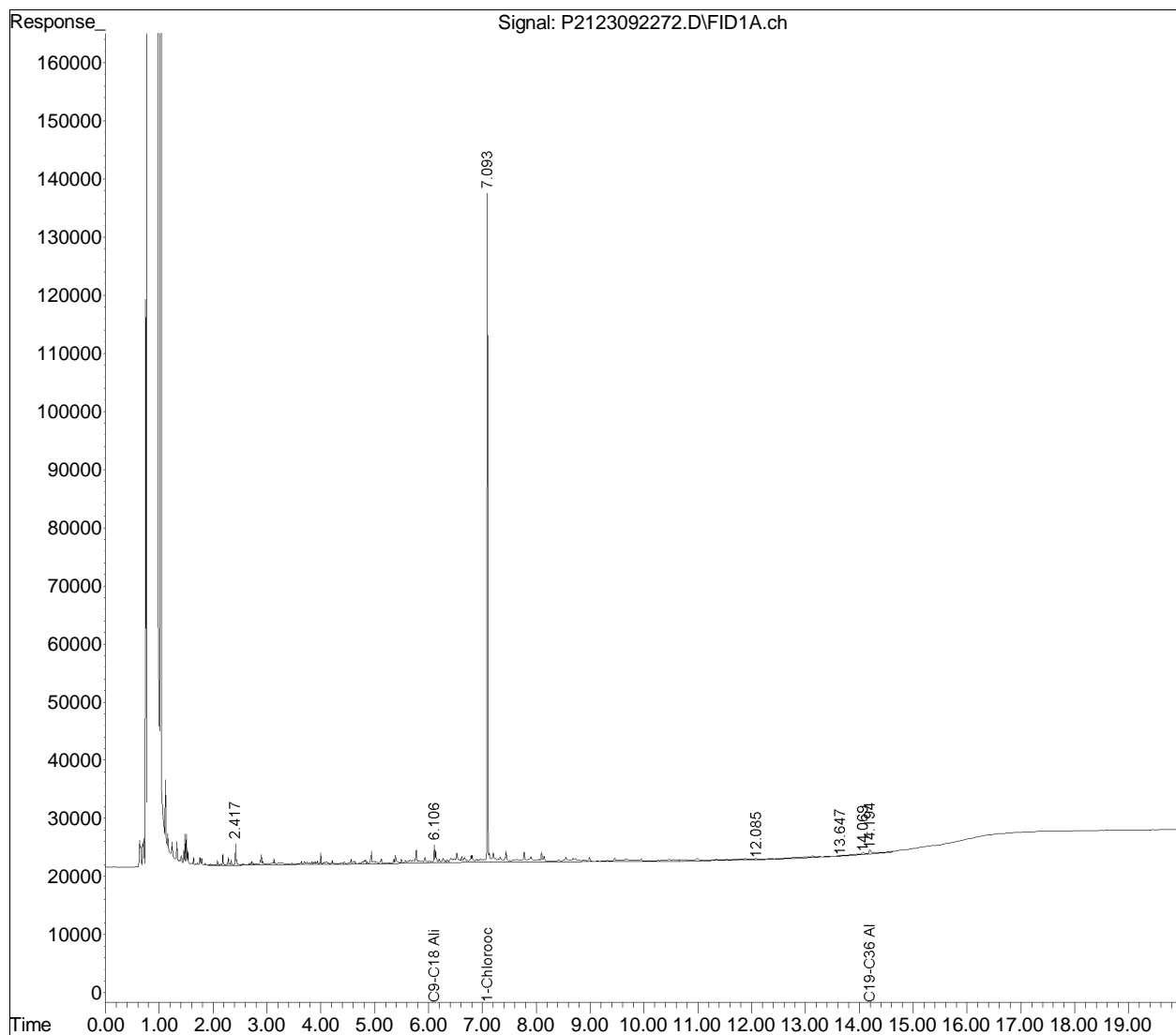


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922\
Data File : P2123092272.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2023 6:10 pm
Operator : Petro21a:sc
Sample : L2353024-01,42,,
Misc : WG1830826,WG1830500,ical18505
ALS Vial : 36 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 12:52:52 2023
Quant Method : I:\PETRO\Petro21\2023\230922\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Fri Sep 22 12:01:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

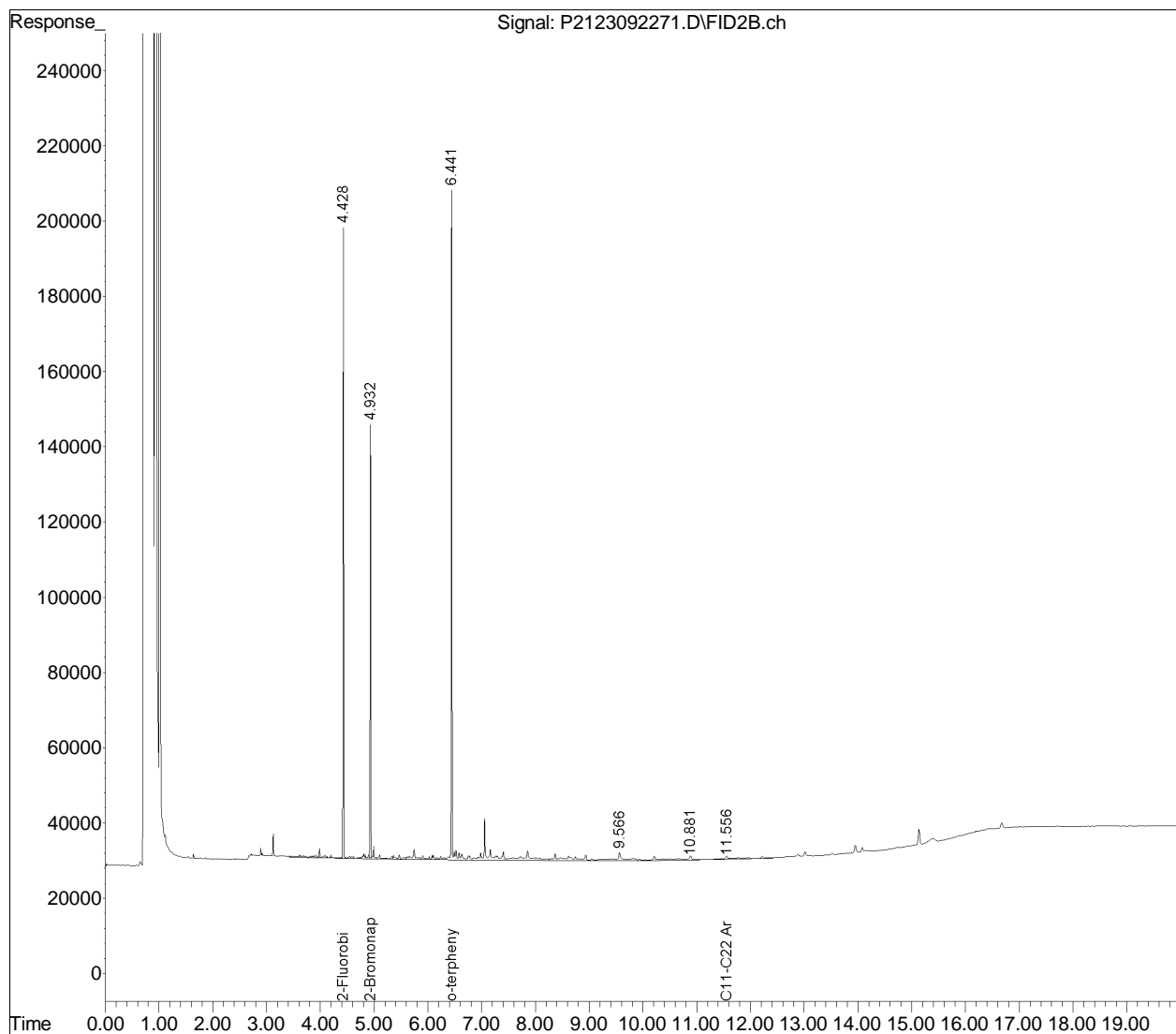


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922.SEC\
Data File : P2123092271.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2023 6:10 pm
Operator : Petro21b:sc
Sample : L2353024-01,42,,
Misc : WG1830826,WG1830500,ical18504
ALS Vial : 86 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 13:03:30 2023
Quant Method : I:\PETRO\Petro21\2023\230922.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 18 09:18:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

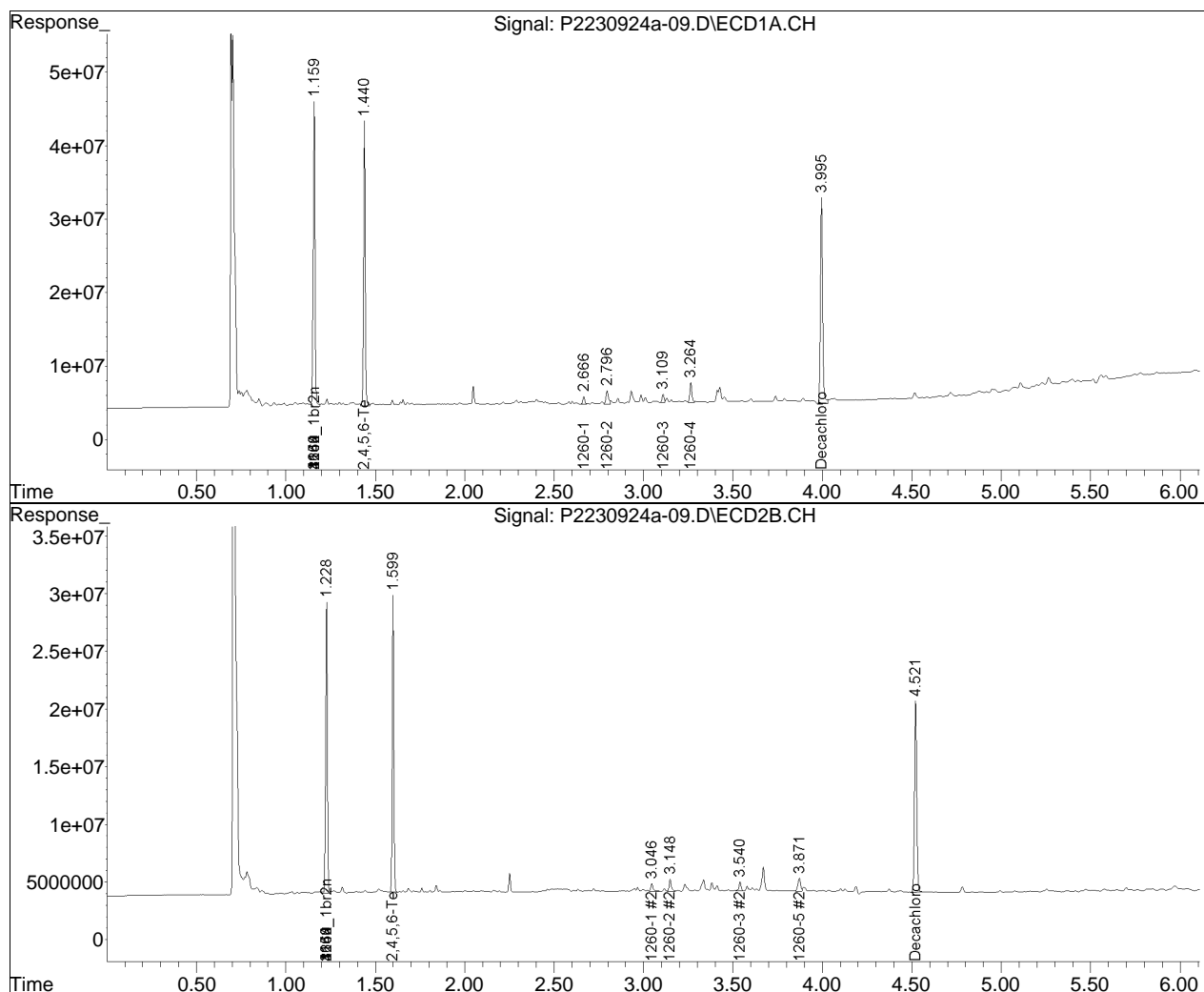


Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\
 Data File : P2230924a-09.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2023 4:07 pm
 Operator : pest2:mco
 Sample : L2353024-01,42,,
 Misc : wg1831270,WG1831050,ical20286
 ALS Vial : 9 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 09:58:25 2023
 Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\

Data File : P2230924a-06.D

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 24 Sep 2023 3:39 pm

Operator : pest2:mco

Sample : WG1831050-1,42,,

Misc : wg1831270,WG1831050,ical20286 (Sig #1); wg1831270,WG1830543,ical20

ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e

Integration File signal 2: events2.e

Quant Time: Sep 26 09:56:39 2023

Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m

Quant Title : pcb

QLast Update : Wed Aug 23 13:46:31 2023

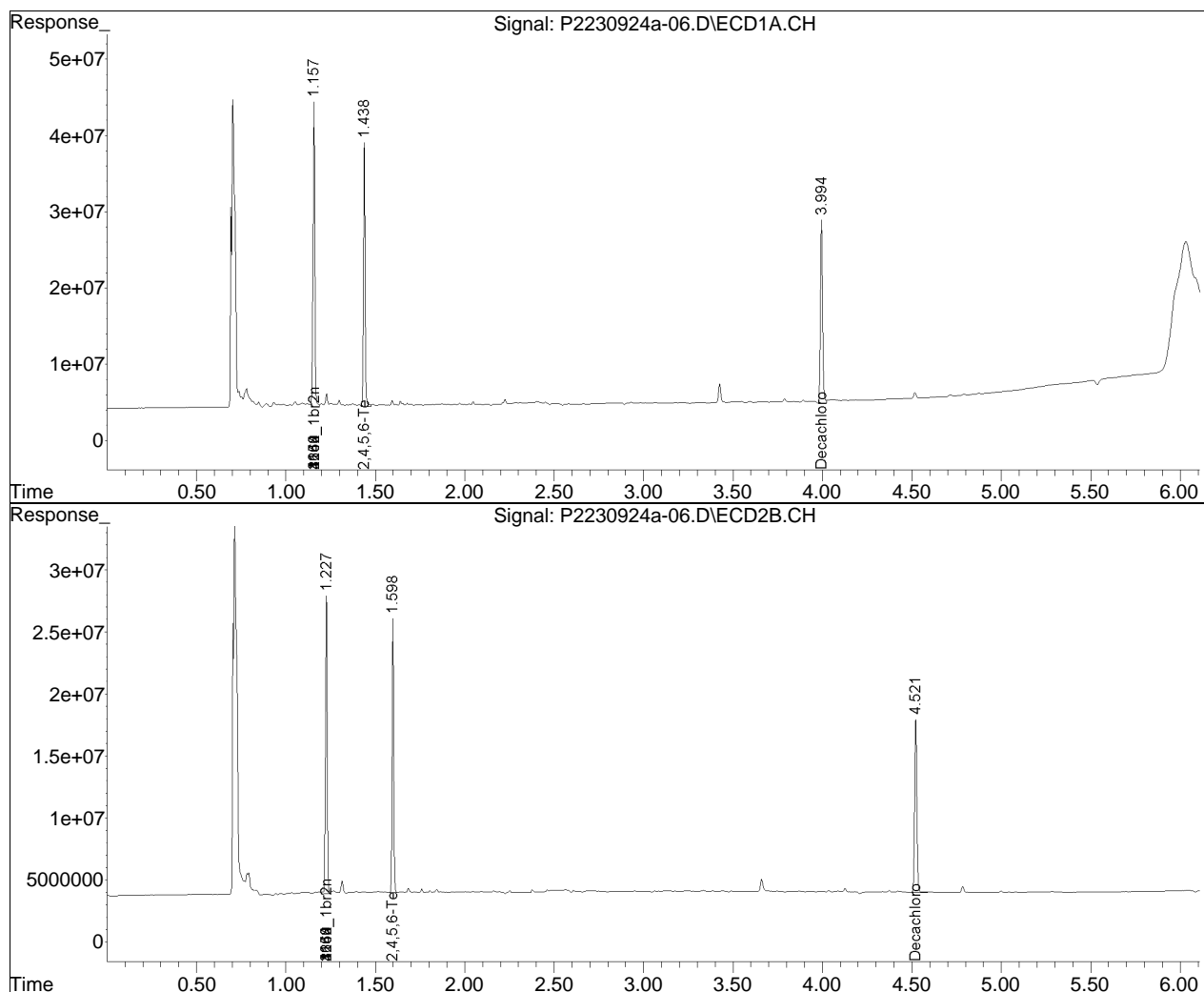
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :



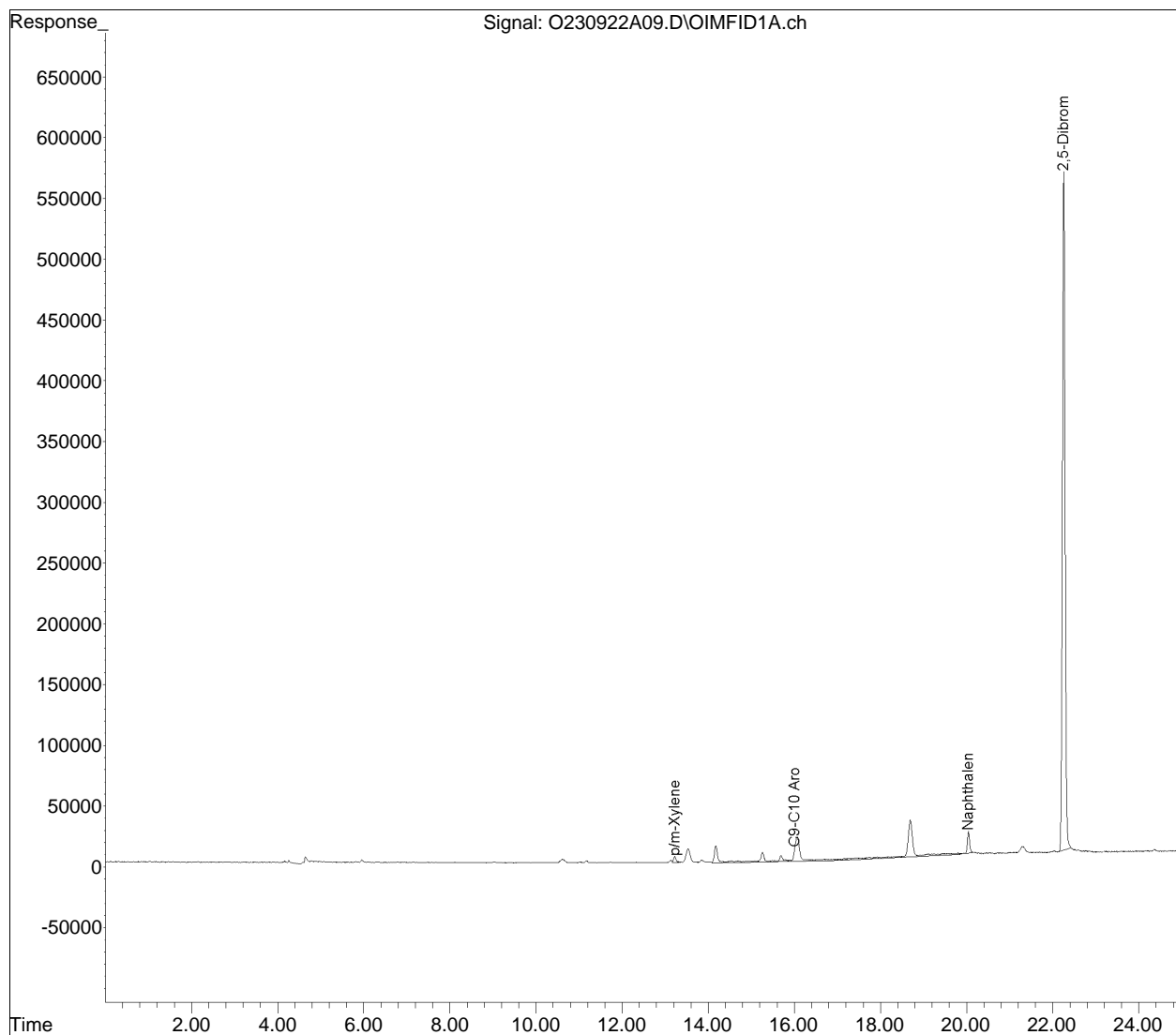
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A09.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20207
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



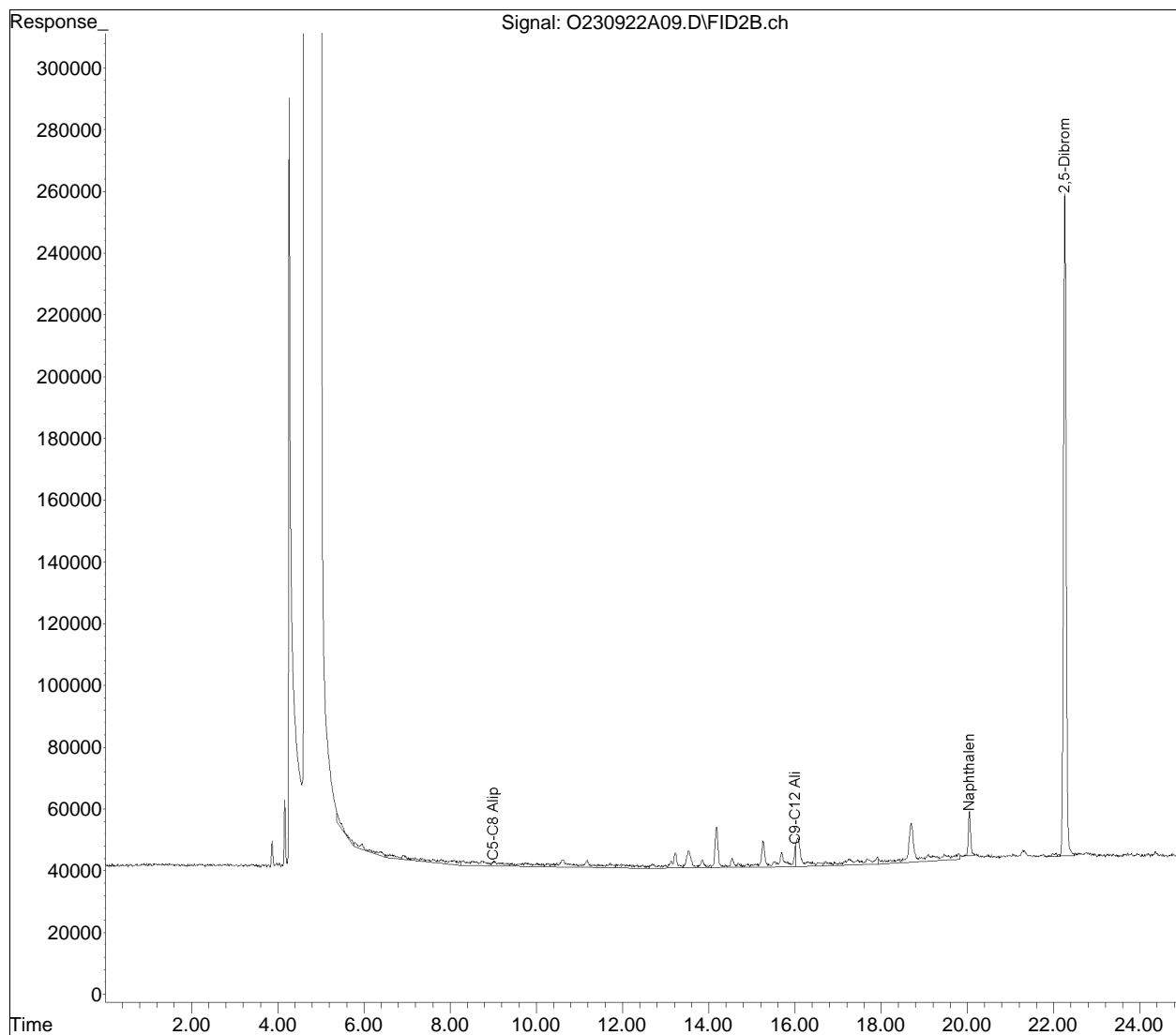
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A09.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20206
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



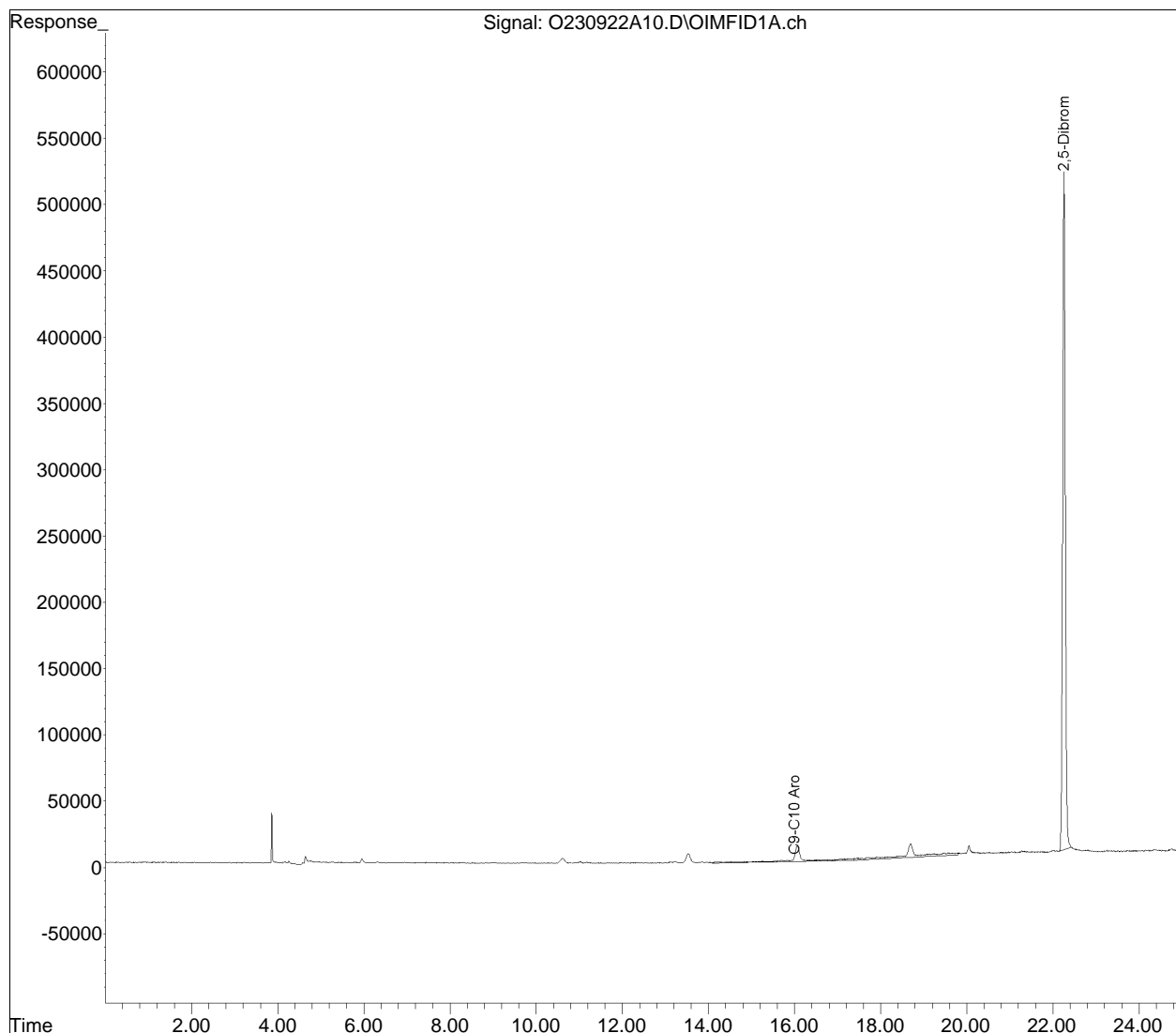
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A10.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:35 pm
Operator : OVPH:BAD
Sample : L2353024-01,41,5.0,5,,A
Misc : WG1831574,ICAL20207
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:18 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



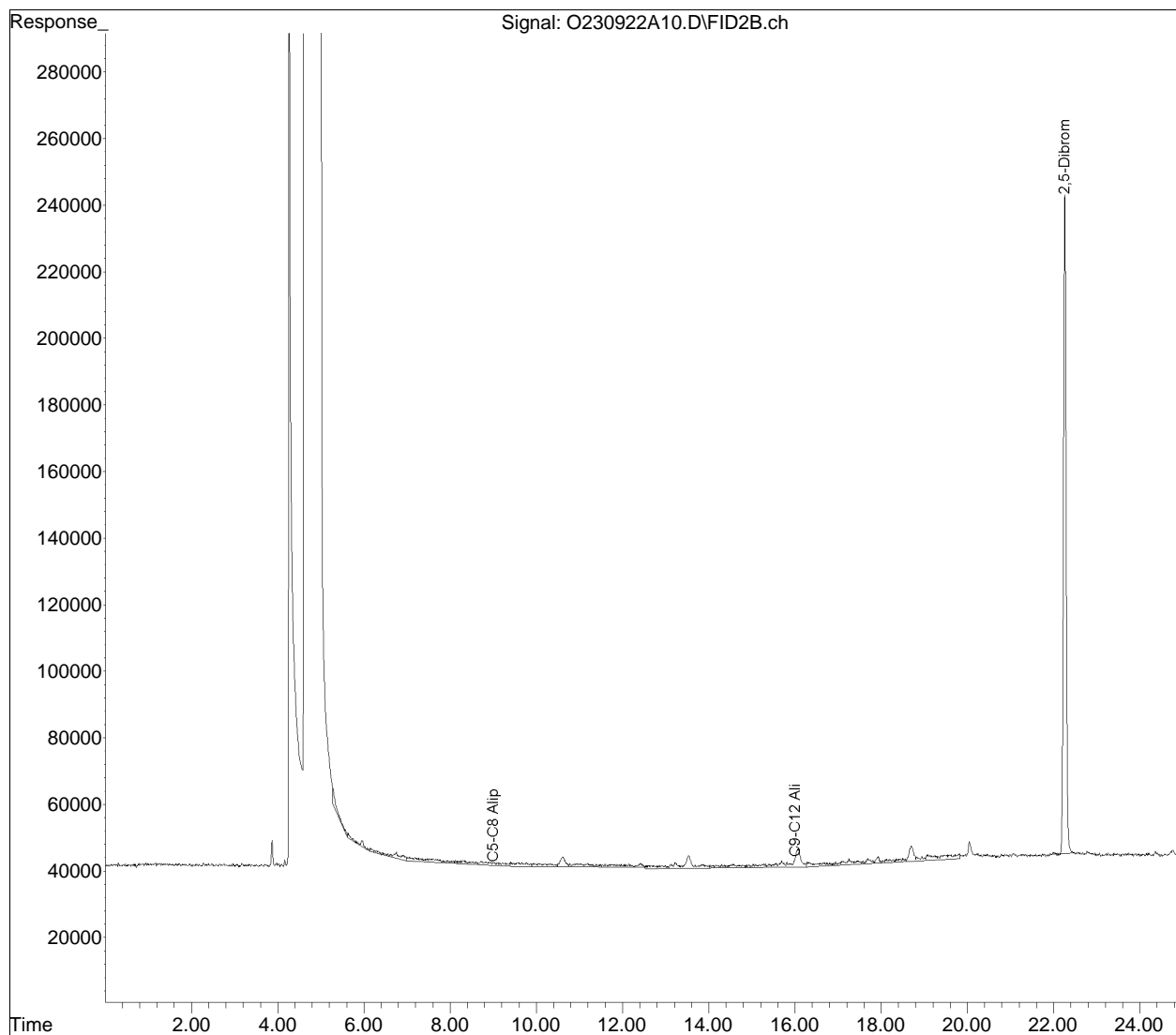
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A10.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:35 pm
Operator : OVPH:BAD
Sample : L2353024-01,41,5.0,5,,A
Misc : WG1831574,ICAL20206
ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:23 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 27, 2023

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.



Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : DW 20117 CLIENT PROJECT ID: L2353024
Client Ref: ME

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Aerobiology Laboratory Associates, Inc.

Laboratory Report

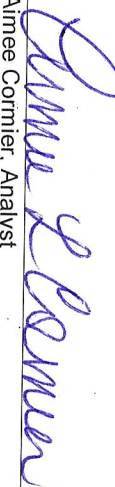
Client Project #: L2353024
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20117
 Method: Drinking Water
 Date Received: 9/13/2023
 Date Analyzed: 9/27/2023
 Date of Report: 9/27/2023

Lab ID	Client ID	Description	Grid Area	# G.O.	Aliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149350	EF-05		0.010	14	5	.29	100		201	28.71	Yes

Comments: Stopping rules were applied.

NSD = No Structures Detected


 Almee Cormier, Analyst



Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

DPD 2017

Alpha Job Number
L2353024

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019
Phone: 508,439,5160
Email: gparker@alphalab.com

Project Information

Project Location: ME
Project Manager: Graham Parker

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Turnaround & Deliverables Information

Due Date:
Deliverables:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353024 Report to include Method Blank, LCS/LCSD:
Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EF-05	09-12-23 12:10	WATER	Asbestos-TEM	
Relinquished By:					
		<i>Fungus Decker AM</i>		Date/Time:	<i>9/13/23</i>
		<i>Eric Woods AM</i>		Date/Time:	<i>9/13/23 10:30</i>
Received By:					
		<i>Eric Woods AM</i>		Date/Time:	<i>9/13/23 8:45</i>
		<i>Dave Lawrence</i>		Date/Time:	<i>9/13/23 10:30</i>

Form No: AL_subcoc

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353024
 Client job site: ME
 Batch No. 20117
 Lab Sample ID 149350
 Client Sample ID EF-05
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 5
 Grid Box Location 2484 5D
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~19500
 Analyst: *su*
 Date Analyzed 9/27/23
 Quality Of Prep 7
 Scope #
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 5D	C4-1	1	F	Ch	✓		11.05	.05
		2	F	Ch	✓		11.65	.05
		3	F	Ch	✓		12.8	.07
		4	F	Ch	✓		12.2	.05
		5	F	Ch	✓		12.2	.05
	C4-3	6	F	Ch	✓		11.0	.05
		7	F	Ch	✓		10.7	.05
		8	F	Ch	✓		12.2	.05
		9	F	Ch	✓		11.7	.05
		10	F	Ch	✓		11.9	0.05
		11	F	Ch	✓		11.8	.05
		12	F	Ch	✓		21.2	.05
		13	F	Ch			11.65	.03
	E4-3	14	F	Ch			11.5	.05
		15	F	Ch	✓		10.4	.03
		16	F	Ch	✓		16.9	.03
	E4-1	17	F	Ch	✓		14.3	.05
		18	F	Ch	✓		12.8	.03
		19	F	Ch	✓		12.12	.05
		20	F	Ch	✓		13.92	.05
		21	F	Ch	✓		16.9	.05
		22	F	Ch			15.86	.03
		23	F	Ch			13.92	.03
	*E4-1	24	F	Ch			17	.05
		25	F	Ch	✓		24	.05
		26	F	Ch	✓		15.66	.03
		27	F	Ch			20.88	.1
		28	F	Ch			15.88	.03
		29	F	Ch			17.4	.03
	F4-3	30	F	Ch	✓		13.32	.05

Handwritten notes and diagrams on the right side of the table, including arrows and bracketed groupings of rows.

Total Asbestos Str _____

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353024
 Client job site: ME
 Batch No. 20117
 Lab Sample ID 149350
 Client Sample ID EF-05
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Description
 Aliquot 5
 Grid Box Location 2484 5D
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification
 Analyst:
 Date Analyzed
 Quality Of Prep
 Scope #
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
		31	F	Ch	✓		12.18	.05
		32	F	AMO	✓	✓	149.64	.2
		33	F	Ch			12.24	.03
		34	F	Ch			11.31	.05
		35	F	Ch			20.88	.05
		36	F	Ch			16.53	.05
		37	F	Ch			10.44	.05
		38	F	Ch			10.74	.05
	64-3	39	F	Ch		20	210.12	.7
		40	F	Ch			13.92	.05
		41	F	Ch			12.4	.05
		42	F	Ch			24.36	.03
		43	F	Ch			10.6	.03
← SE	B3-6	44	F	Ch			11	0.05
		45	F	Ch			15.4	.03
		46	F	Ch			16.5	.03
		47	F	Ch			11.14	.05
		48	F	Ch			50.46	.05
		49	F	Ch			17.4	.05
		50	F	Ch			69.6	.05
		51	F	Ch			26.1	.05
		52	F	Ch			10.6	.05
		53	F	Ch			24.56	.05
		54	F	Ch			14.42	.05
	C3-6	55	F	Ch			21.38	.05
		56	F	Ch			27.84	.05
		57	F	Ch			27	.05
		58	F	Ch			10.14	.03
		59	F	Ch			11.48	.05
		60	F	Ch			11.8	.05

Handwritten notes and sketches on the right side of the table, including wavy lines and arrows.

Total Asbestos Str. _____

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353024
 Client job site: ME
 Batch No. 20117
 Lab Sample ID 149350
 Client Sample ID EF-05
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Description
 Aliquot 5
 Grid Box Location 2484 5D
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11600
 Analyst: *AK*
 Date Analyzed 9/10/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
		61	F	Ch			12.18	.05
		62	F	Ch			17.4	.05
		63	F	Ch			20.88	.05
		64	F	Ch			19.49	.05
		65	F	Ch			26.1	.05
		66	F	Ch			13.92	.03
		67	F	Ch			15.66	.05
	C3-4	68	F	Ch			41.76	.05
		69	F	Ch			18.27	.05
		70	F	Ch			20.88	.05
		71	F	Ch			15.66	.05
		72	F	Ch			10.7	.05
		73	F	Ch			10.1	.03
		74	F	Ch			14.8	.05
		75	F	Ch			18.1	.05
		76	F	Ch			10.4	.03
		77	F	Ch			10.4	.03
		78	F	Ch			13.9	.05
	E3-4	79	F	Ch			10.2	.05
		80	F	Ch			13.05	.03
	E3-6	81	F	Ch			10.4	.03
		82	F	Ch			15.66	.05
		83	F	Ch			17.4	.05
		84	F	Ch			10.1	.05
		85	F	Ch			15.66	.05
		86	F	Ch			10.1	.03
	F3-6	87	F	Ch			22.6	.05
		88	F	Ch			10.1	.03
		89	F	Ch			15.66	.05
		90	F	Ch			10.4	.03

Handwritten notes and diagrams on the right side of the table, including a vertical line with wavy patterns and the number 14.

Total Asbestos Str. _____

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353024
 Client job site: ME
 Batch No. 20117
 Lab Sample ID 149350
 Client Sample ID EF-05
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Description
 Aliquot 5
 Grid Box Location 2484 5D
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: JR
 Date Analyzed 9/27/23
 Quality Of Prep Y
 Scope #
 Comments:

Location	G.S.O.	Str.#	Str-Type	Species	SAED	EDAX	Length	Width
		91	*Chf	Ch			15.6	.05
		92	F	Ch			24.7	.03
		93	F	Ch			92.2	.05
		94	F	Ch			12.1	.05
		95	F	Ch			12.1	.05
		96	F	Ch			17.4	.03
	F34	97	F	Ch			27.8	.08
		98	F	Ch			13.9	.03
		99	F	Ch			17.9	.05
		100	F	Ch			40.02	.03

Handwritten notes and arrows on the right side of the table, including 'No', 'X', and 'Y' with arrows pointing to specific rows.

Total Asbestos Str. _____

NSD = No Structures Detected F = Fiber



ANALYTICAL REPORT

Lab Number:	L2353028
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/27/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353028-01	EF-01	WATER	WISCASSETT MAINE	09/12/23 12:15	09/12/23
L2353028-02	TRIP BLANK	WATER	WISCASSETT MAINE	09/12/23 00:00	09/12/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2353028-02: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

The WG1830333-3/-4 LCS/LCSD RPD(s), associated with L2353028-01 and -02, are above the acceptance criteria for 2-butanone (23%) and tetrahydrofuran (22%).

Semivolatile Organics

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353028-01, are below the individual acceptance criteria for aniline (25%/23%), but within the overall method allowances. The results of the associated sample are reported; however, all results for this compound are considered to have a potentially low bias.

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353028-01, are below the acceptance criteria for benzidine (2%) and pyridine (LCS 8%); however, they have been identified as a "difficult" analytes. The results of the associated sample are reported.

EPH

The WG1830500-2/-3 LCS/LCSD RPD, associated with L2353028-01, is above the acceptance criteria for naphthalene (26%).

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Case Narrative (continued)

Solids, Total Suspended

WG1827914: A Laboratory Duplicate was prepared with the sample batch, however, the native sample required re-analysis; therefore, the result could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 09/27/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 15:25
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.29	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	103		70-130

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 11:01
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.34	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353028-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	0.40	J	ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	99		97		70-130	2		20
Chlorobenzene	100		100		75-130	0		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	88		92		54-136	4		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		25
Toluene	100		100		70-130	0		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	130		130		39-139	0		20
Vinyl chloride	120		120		55-140	0		20
Chloroethane	130		120		55-138	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
1,1-Dichloroethene	120		110		61-145	9		25
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	100		98		70-130	2		25
1,2-Dichlorobenzene	99		100		70-130	1		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	98		97		70-130	1		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	90		95		64-130	5		20
Styrene	100		95		70-130	5		20
Dichlorodifluoromethane	100		100		36-147	0		20
Acetone	92		95		58-148	3		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	87		110		63-138	23	Q	20
4-Methyl-2-pentanone	89		94		59-130	5		20
2-Hexanone	85		90		57-130	6		20
Bromochloromethane	110		100		70-130	10		20
Tetrahydrofuran	110		88		58-130	22	Q	20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4									
1,3-Dichloropropane	100		100		70-130		0		20
1,1,1,2-Tetrachloroethane	100		100		64-130		0		20
Bromobenzene	98		100		70-130		2		20
n-Butylbenzene	99		99		53-136		0		20
sec-Butylbenzene	100		98		70-130		2		20
tert-Butylbenzene	100		98		70-130		2		20
o-Chlorotoluene	100		99		70-130		1		20
p-Chlorotoluene	100		99		70-130		1		20
1,2-Dibromo-3-chloropropane	85		93		41-144		9		20
Hexachlorobutadiene	88		90		63-130		2		20
Isopropylbenzene	100		100		70-130		0		20
p-Isopropyltoluene	100		98		70-130		2		20
Naphthalene	92		100		70-130		8		20
n-Propylbenzene	100		100		69-130		0		20
1,2,3-Trichlorobenzene	91		98		70-130		7		20
1,2,4-Trichlorobenzene	92		96		70-130		4		20
1,3,5-Trimethylbenzene	100		98		64-130		2		20
1,3,5-Trichlorobenzene	95		96		70-130		1		20
1,2,4-Trimethylbenzene	100		100		70-130		0		20
Ethyl ether	110		110		59-134		0		20
Diisopropyl Ether	100		100		70-130		0		20
Tert-Butyl Alcohol	96		110		70-130		14		20
Ethyl-Tert-Butyl-Ether	100		100		70-130		0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Tertiary-Amyl Methyl Ether	99		100		66-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 17:47
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	59		41-149

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 11:26
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	0.04	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01

Date Collected: 09/12/23 12:15

Client ID: EF-01

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	84		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Acenaphthene	70		69		37-111	1		30
Benidine	2	Q	2	Q	10-75	15		30
1,2,4-Trichlorobenzene	62		65		39-98	5		30
Hexachlorobenzene	65		65		40-140	0		30
Bis(2-chloroethyl)ether	66		71		40-140	7		30
2-Chloronaphthalene	68		68		40-140	0		30
1,2-Dichlorobenzene	59		65		40-140	10		30
1,3-Dichlorobenzene	57		62		40-140	8		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	86		84		48-143	2		30
2,6-Dinitrotoluene	80		79		40-140	1		30
Azobenzene	79		77		40-140	3		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	72		71		40-140	1		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	56		58		40-140	4		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorobutadiene	58		60		40-140	3		30
Hexachlorocyclopentadiene	52		52		40-140	0		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	79		82		40-140	4		30
Naphthalene	65		66		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	76		74		40-140	3		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		30
Butyl benzyl phthalate	84		82		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	85		83		40-140	2		30
Diethyl phthalate	82		80		40-140	2		30
Dimethyl phthalate	76		76		40-140	0		30
Benzo(a)anthracene	76		73		40-140	4		30
Benzo(a)pyrene	81		77		40-140	5		30
Benzo(b)fluoranthene	74		70		40-140	6		30
Benzo(k)fluoranthene	73		71		40-140	3		30
Chrysene	73		71		40-140	3		30
Acenaphthylene	80		78		45-123	3		30
Anthracene	73		72		40-140	1		30
Benzo(ghi)perylene	73		72		40-140	1		30
Fluorene	74		73		40-140	1		30
Phenanthrene	70		70		40-140	0		30
Dibenzo(a,h)anthracene	73		73		40-140	0		30
Indeno(1,2,3-cd)pyrene	91		90		40-140	1		30
Pyrene	73		71		26-127	3		30
Biphenyl	72		72		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Aniline	25	Q	23	Q	40-140	8		30
4-Chloroaniline	61		55		40-140	10		30
1-Methylnaphthalene	66		67		41-103	2		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	74		70		25-145	6		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	72		72		40-140	0		30
2-Methylnaphthalene	68		68		40-140	0		30
n-Nitrosodimethylamine	41		42		22-74	2		30
2,4,6-Trichlorophenol	79		78		30-130	1		30
p-Chloro-m-cresol	79		77		23-97	3		30
2-Chlorophenol	70		71		27-123	1		30
2,4-Dichlorophenol	76		80		30-130	5		30
2,4-Dimethylphenol	57		58		30-130	2		30
2-Nitrophenol	90		92		30-130	2		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	94		98		20-130	4		30
4,6-Dinitro-o-cresol	97		95		20-164	2		30
Pentachlorophenol	75		76		9-103	1		30
Phenol	34		34		12-110	0		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	63		63		30-130	0		30
2,4,5-Trichlorophenol	77		77		30-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353028

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Benzoic Acid	38		38		10-164	0		30
Benzyl Alcohol	68		70		26-116	3		30
Carbazole	78		75		55-144	4		30
Pyridine	8	Q	10		10-66	13		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	47		49		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	71		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3								
Acenaphthene	72		69		40-140	4		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	81		79		40-140	3		40
Hexachlorobutadiene	66		64		40-140	3		40
Naphthalene	71		68		40-140	4		40
Benzo(a)anthracene	82		77		40-140	6		40
Benzo(a)pyrene	88		83		40-140	6		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	77		72		40-140	7		40
Acenaphthylene	84		83		40-140	1		40
Anthracene	80		76		40-140	5		40
Benzo(ghi)perylene	78		73		40-140	7		40
Fluorene	76		74		40-140	3		40
Phenanthrene	73		70		40-140	4		40
Dibenzo(a,h)anthracene	86		82		40-140	5		40
Indeno(1,2,3-cd)pyrene	100		95		40-140	5		40
Pyrene	82		80		40-140	2		40
1-Methylnaphthalene	71		69		40-140	3		40
2-Methylnaphthalene	76		73		40-140	4		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	64		59		40-140	8		40
Hexachloroethane	71		69		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		51		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	86		84		23-120
2-Fluorobiphenyl	75		73		15-120
2,4,6-Tribromophenol	57		56		10-120
4-Terphenyl-d14	84		84		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 18:05
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	106		70-130
2,5-Dibromotoluene-FID	107		70-130

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/23/23 18:35
 Analyst: SC

Extraction Method: EPA 3510C
 Extraction Date: 09/21/23 21:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/22/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	79		40-140
2-Fluorobiphenyl	99		40-140
2-Bromonaphthalene	100		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/23/23 12:01
Analyst: ALL

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 18:33
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1830500-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	60		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	65		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/22/23 17:05
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1831574-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353028

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								
C9-C18 Aliphatics	53		61		40-140	14		25
C19-C36 Aliphatics	70		78		40-140	11		25
C11-C22 Aromatics	52		62		40-140	18		25
Naphthalene	43		56		40-140	26	Q	25
2-Methylnaphthalene	46		58		40-140	23		25
Acenaphthylene	46		57		40-140	21		25
Acenaphthene	48		60		40-140	22		25
Fluorene	49		59		40-140	19		25
Phenanthrene	49		58		40-140	17		25
Anthracene	49		59		40-140	19		25
Fluoranthene	51		59		40-140	15		25
Pyrene	50		59		40-140	17		25
Benzo(a)anthracene	51		60		40-140	16		25
Chrysene	51		60		40-140	16		25
Benzo(b)fluoranthene	50		58		40-140	15		25
Benzo(k)fluoranthene	49		57		40-140	15		25
Benzo(a)pyrene	52		62		40-140	18		25
Indeno(1,2,3-cd)Pyrene	54		63		40-140	15		25
Dibenzo(a,h)anthracene	55		66		40-140	18		25
Benzo(ghi)perylene	53		63		40-140	17		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	65		75		40-140
o-Terphenyl	51		61		40-140
2-Fluorobiphenyl	79		75		40-140
2-Bromonaphthalene	80		75		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1831574-2 WG1831574-3								
C5-C8 Aliphatics	107		113		70-130	5		25
C9-C12 Aliphatics	107		112		70-130	5		25
C9-C10 Aromatics	103		109		70-130	6		25
Benzene	105		111		70-130	6		25
Toluene	106		112		70-130	6		25
Ethylbenzene	107		113		70-130	5		25
p/m-Xylene	105		111		70-130	6		25
o-Xylene	106		112		70-130	6		25
Methyl tert butyl ether	107		116		70-130	8		25
Naphthalene	105		113		70-130	7		25
1,2,4-Trimethylbenzene	103		109		70-130	6		25
Pentane	109		115		70-130	5		25
2-Methylpentane	108		114		70-130	5		25
2,2,4-Trimethylpentane	105		110		70-130	5		25
n-Nonane	105		110		30-130	5		25
n-Decane	108		113		70-130	5		25
n-Butylcyclohexane	107		112		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	114		114		70-130
2,5-Dibromotoluene-FID	113		113		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353028-01
 Client ID: EF-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/24/23 16:16
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 07:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/23/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	ND		ug/l	0.250	0.032	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	ND		ug/l	0.250	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8082A
Analytical Date: 09/24/23 15:39
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/23/23 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1831050-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353028

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1831050-2 WG1831050-3									
Aroclor 1016	58		65		40-140	12		50	A
Aroclor 1260	61		69		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		58		30-150	A
Decachlorobiphenyl	61		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		63		30-150	B
Decachlorobiphenyl	73		83		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353028-01

Date Collected: 09/12/23 12:15

Client ID: EF-01

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00504	J	mg/l	0.0100	0.00327	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Barium, Total	0.01525		mg/l	0.00050	0.00017	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Calcium, Total	4.48		mg/l	0.100	0.0394	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Copper, Total	0.01352		mg/l	0.00100	0.00038	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Iron, Total	0.0208	J	mg/l	0.0500	0.0191	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Lead, Total	0.00043	J	mg/l	0.00100	0.00034	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Magnesium, Total	0.561		mg/l	0.0700	0.0242	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00502		mg/l	0.00100	0.00044	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/14/23 15:15	09/19/23 13:49	EPA 7470A	1,7470A	GMG
Nickel, Total	0.02315		mg/l	0.00200	0.00055	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Potassium, Total	1.86		mg/l	0.100	0.0309	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Sodium, Total	2.52		mg/l	0.100	0.0293	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.01088		mg/l	0.00500	0.00157	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF
Zinc, Total	0.04926		mg/l	0.01000	0.00341	1	09/14/23 08:18	09/25/23 09:41	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827286-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Calcium, Total	ND	mg/l	0.100	0.0394	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827570-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/14/23 15:15	09/14/23 18:18	1,7470A	GMG



Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	83		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353028

Report Date: 09/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827570-2					
Mercury, Total	103	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353028

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353028-01

Date Collected: 09/12/23 12:15

Client ID: EF-01

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1827914-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1827914-2								
Solids, Total Suspended	97		-		80-120	-		

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353028-01A	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-VPH-18(14)
L2353028-01B	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-VPH-18(14)
L2353028-01C	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-VPH-18(14)
L2353028-01D	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-8260(14)
L2353028-01E	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-8260(14)
L2353028-01F	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-8260(14)
L2353028-01G	Plastic 250ml HNO3 preserved	B	<2	<2	2.1	Y	Present/Intact		FE-6020T(180),SE-6020T(180),TL-6020T(180),BA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),CO-6020T(180)
L2353028-01H	Amber 120ml unpreserved	C	7	7	3.2	Y	Present/Intact		PCB-8082-LVI(365)
L2353028-01I	Amber 120ml unpreserved	C	7	7	3.2	Y	Present/Intact		PCB-8082-LVI(365)
L2353028-01J	Plastic 950ml unpreserved	B	7	7	2.1	Y	Present/Intact		TSS-2540(7)
L2353028-01K	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353028-01L	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353028-01M	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353028-01N	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353028-01O	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353028-01P	Amber 1000ml unpreserved	B	7	7	2.1	Y	Present/Intact		SUB-ASBESTOS-TEM(2)

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353028-01Q	Amber 1000ml HCl preserved	B	<2	<2	2.1	Y	Present/Intact		EPH-20(14)
L2353028-01R	Amber 1000ml HCl preserved	C	<2	<2	3.2	Y	Present/Intact		EPH-20(14)
L2353028-02A	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-8260(14)
L2353028-02B	Vial HCl preserved	C	NA		3.2	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353028
Report Date: 09/27/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353028**Project Number:** Not Specified**Report Date:** 09/27/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3286

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181
 Fax:
 Email: Finn.whiting@maine.gov
 These samples have been Previously analyzed by Alpha

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/12/23

ALPHA Job #: L2353028

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

	VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)							
Sample ID	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING
Filtration
 Done
 Not Needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53028-01	EF-01	9/12/23	12:15	SW	MM

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Matthew D. Obery</i>	9/12/23 15:00	<i>CLU</i>	12:50 9/23 B:00
<i>Cer</i>	12 SEP 23 15:28	<i>Henry Beley etc</i>	9/23/23 15:28
<i>Henry Beley etc</i>	9/12/23 15:00	<i>etc</i>	9/12/23 15:00
		<i>mm mm</i>	9/12/23 2346

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

FORM NO 81-6(1/12)
 (REV. 5-JAN-12)



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113846

Special _____

390 US Route One, #3
 Falmouth, Maine 04105

Phone 207•848•7546 ■ Fax 207•561•2467

10 Iron Road
 Hermon, Maine 04401

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>72 Center St</u>	Street <u>8 Walkup Dr</u>
City <u>Brewer ME</u> Zip Code <u>04412</u>	Destination <u>Westboro MA</u> Zip Code <u>01581</u>
Phone # _____	Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
1		Cooler			
<p>SHIPPER TOTAL PIECES WEIGHT GRAND TOTAL TOTAL CHARGES</p>					

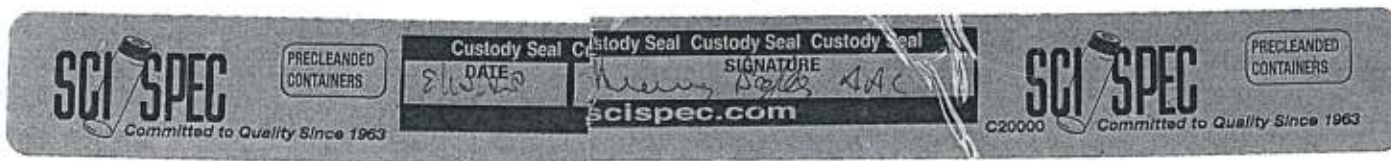
Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature [Signature]

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to the carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party the time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification in effect on the date of shipment.
 Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	PICK-UP TIME <u>8:00</u>	RECIPIENT <u>[Signature]</u>	DELIVERY TIME <u>2:30</u>
SHIPPER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>	COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>

RECIPIENT COPY

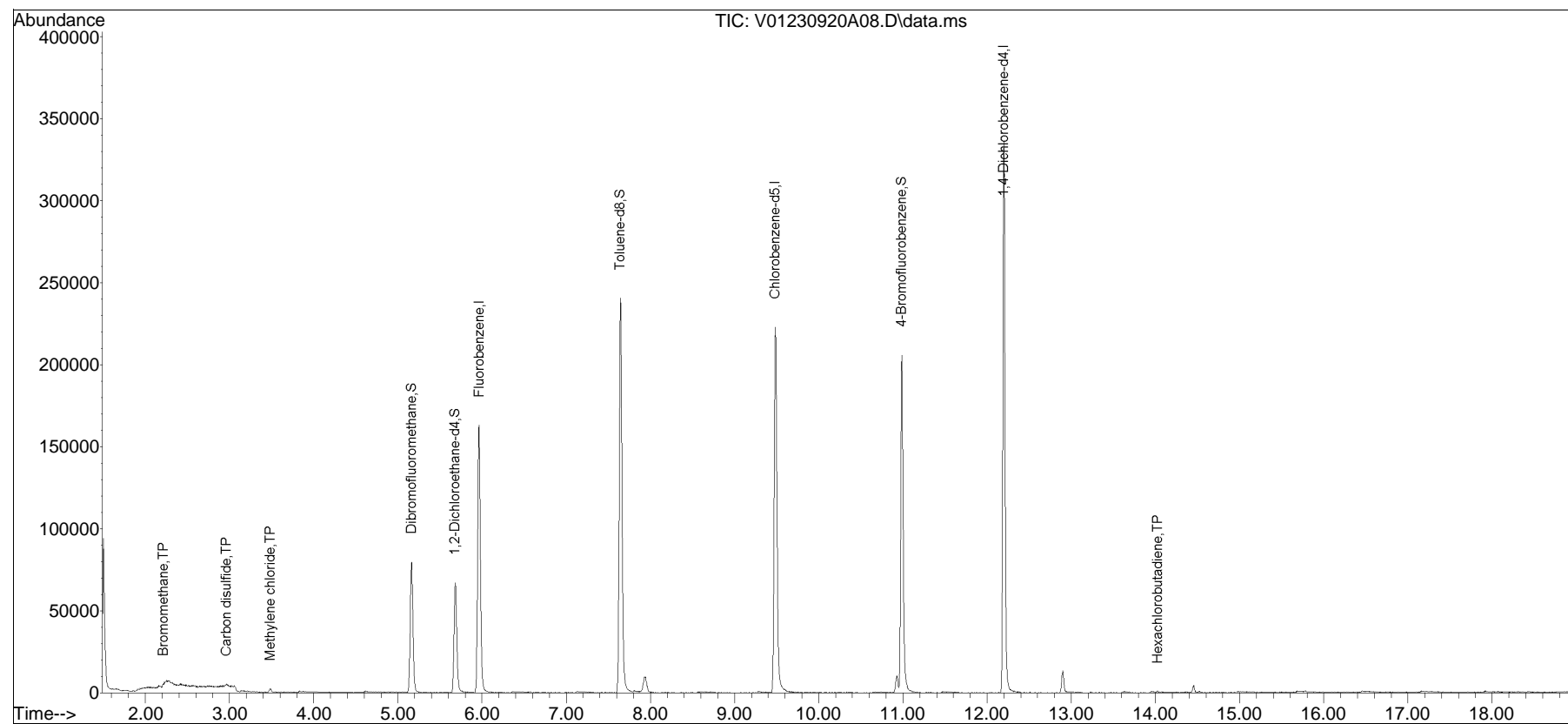


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A08.D
Acq On : 20 Sep 2023 10:07 am
Operator : VOA101:MJV
Sample : WG1830333-5,31,10,10
Misc : WG1830333,ICAL20376
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 12:41:14 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

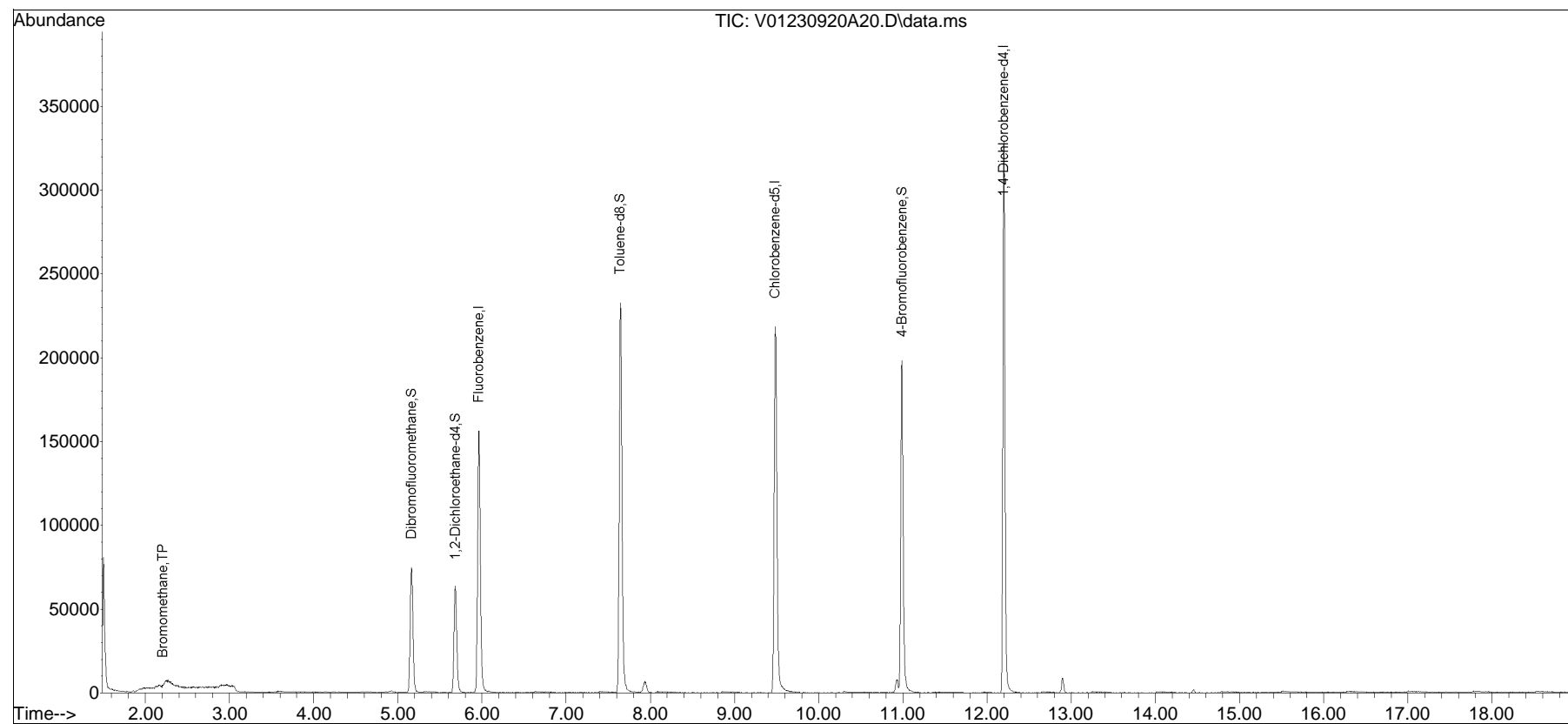


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A20.D
Acq On : 20 Sep 2023 3:25 pm
Operator : VOA101:MJV
Sample : L2353028-01,31,10,10,,D
Misc : WG1830333,ICAL20376
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 21 12:11:07 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

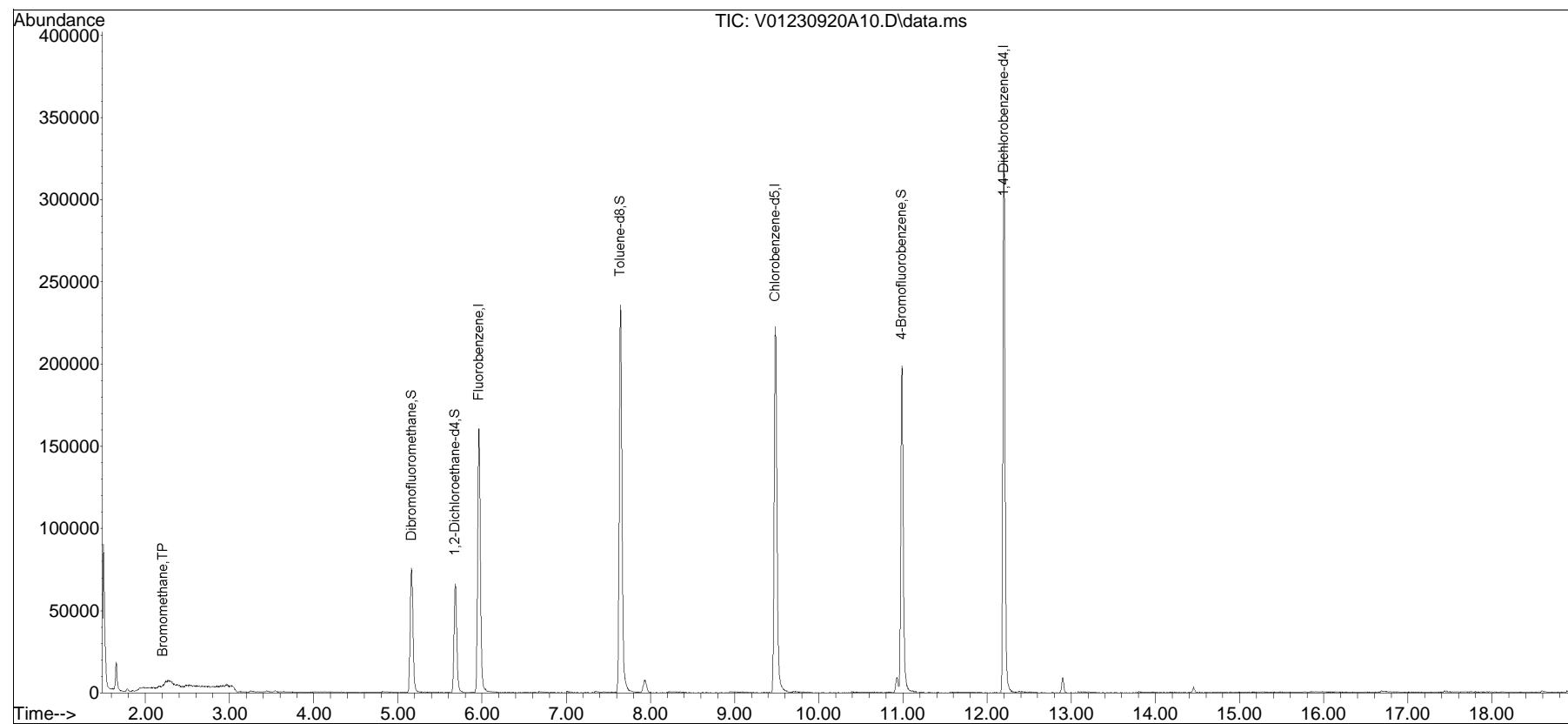


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920\
Data File : V01230920A10.D
Acq On : 20 Sep 2023 11:01 am
Operator : VOA101:MJV
Sample : L2353028-02,31,10,10,,A
Misc : WG1830333,ICAL20376
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 20 12:44:53 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

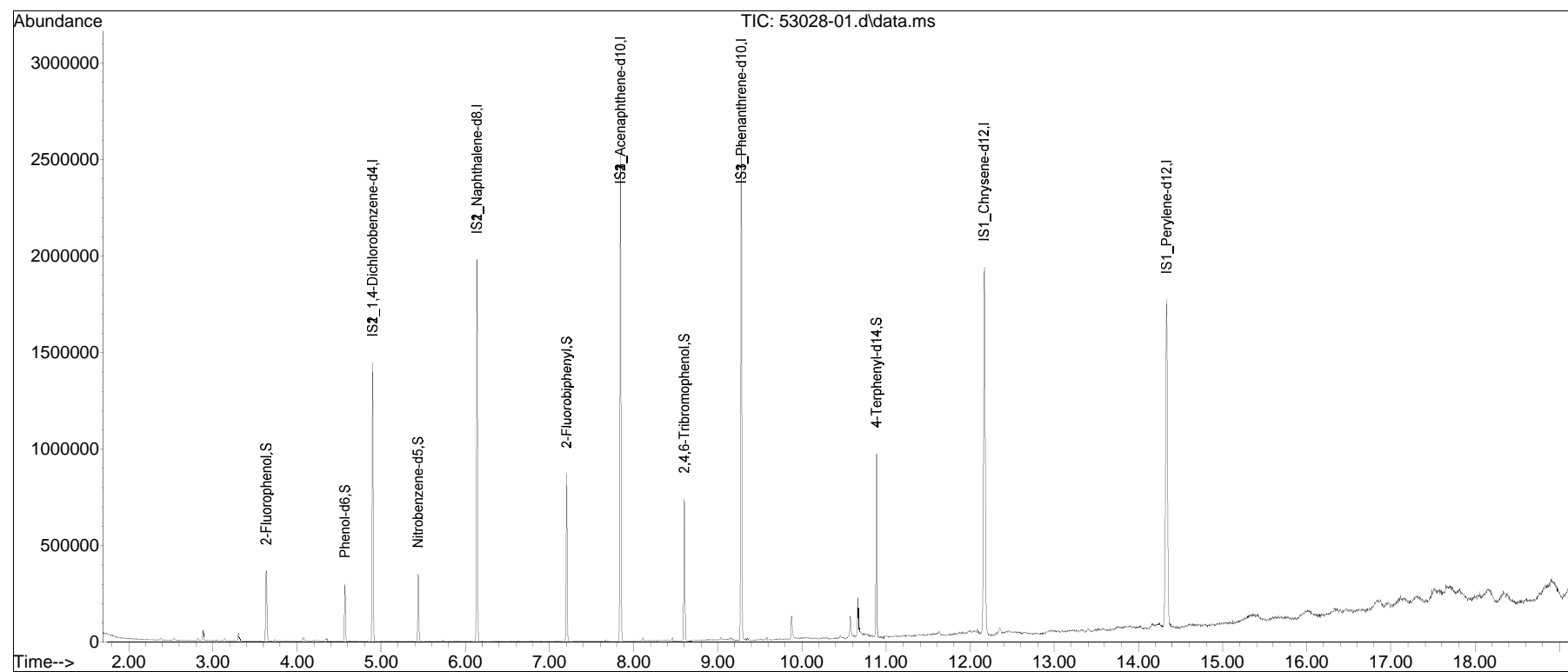


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 53028-01.d
Acq On : 16 Sep 2023 5:47 pm
Operator : SV103:cmm
Sample : L2353028-01,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 18 11:11:08 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:44:25 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA916.d••

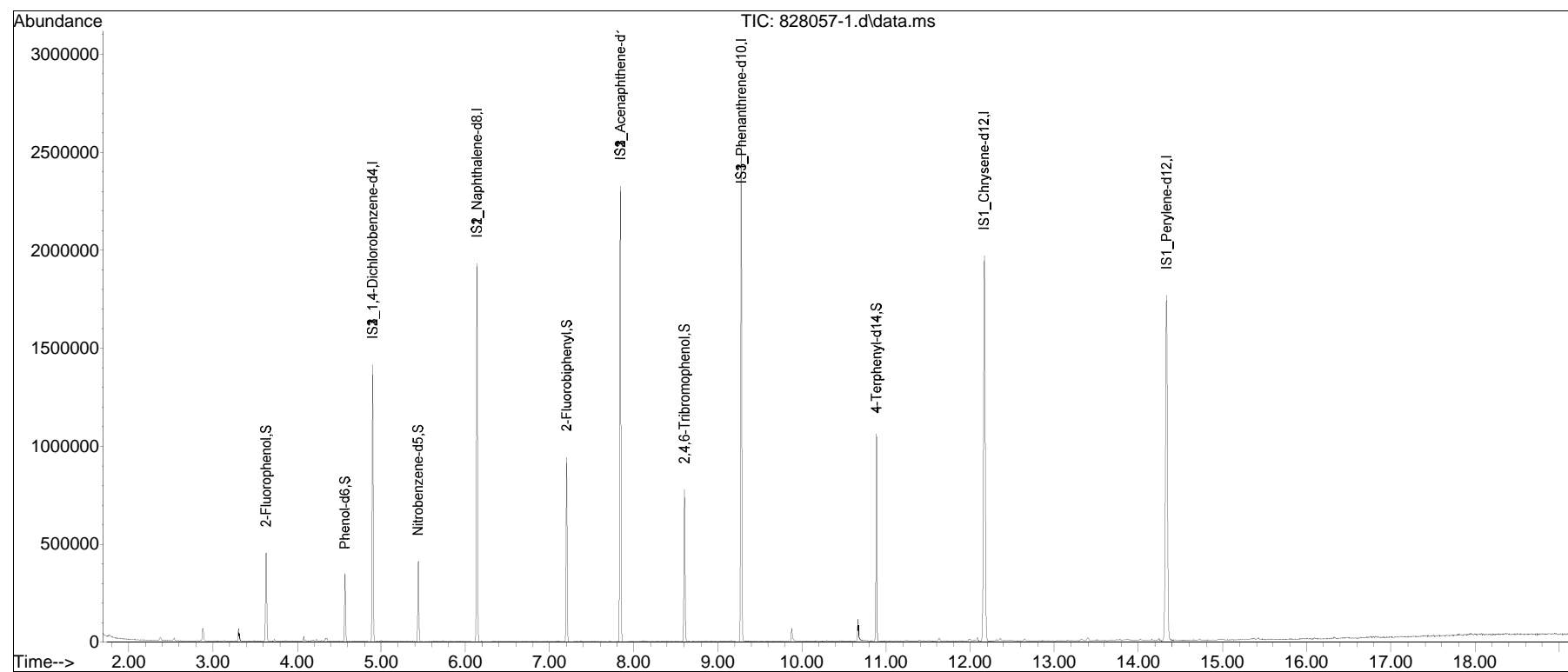


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 828057-1.d
Acq On : 16 Sep 2023 12:20 pm
Operator : SV103:cmm
Sample : WG1828057-1,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:41:23 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 12:40:34 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAa\AP90916.d••

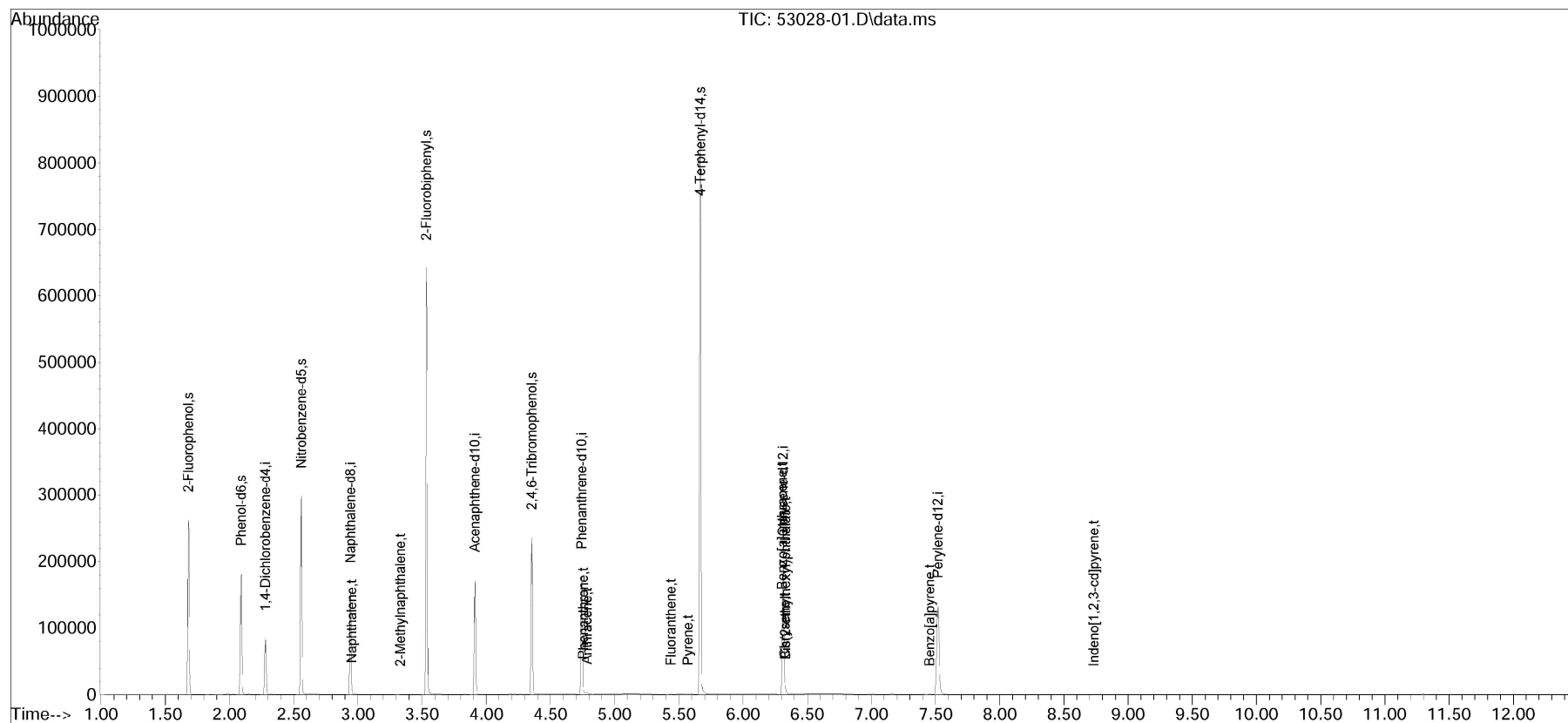


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53028-01.D
 Acq On : 17 Sep 2023 11:26 am
 Operator : SV120:jjw
 Sample : L2353028-01,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 25 10:21:55 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

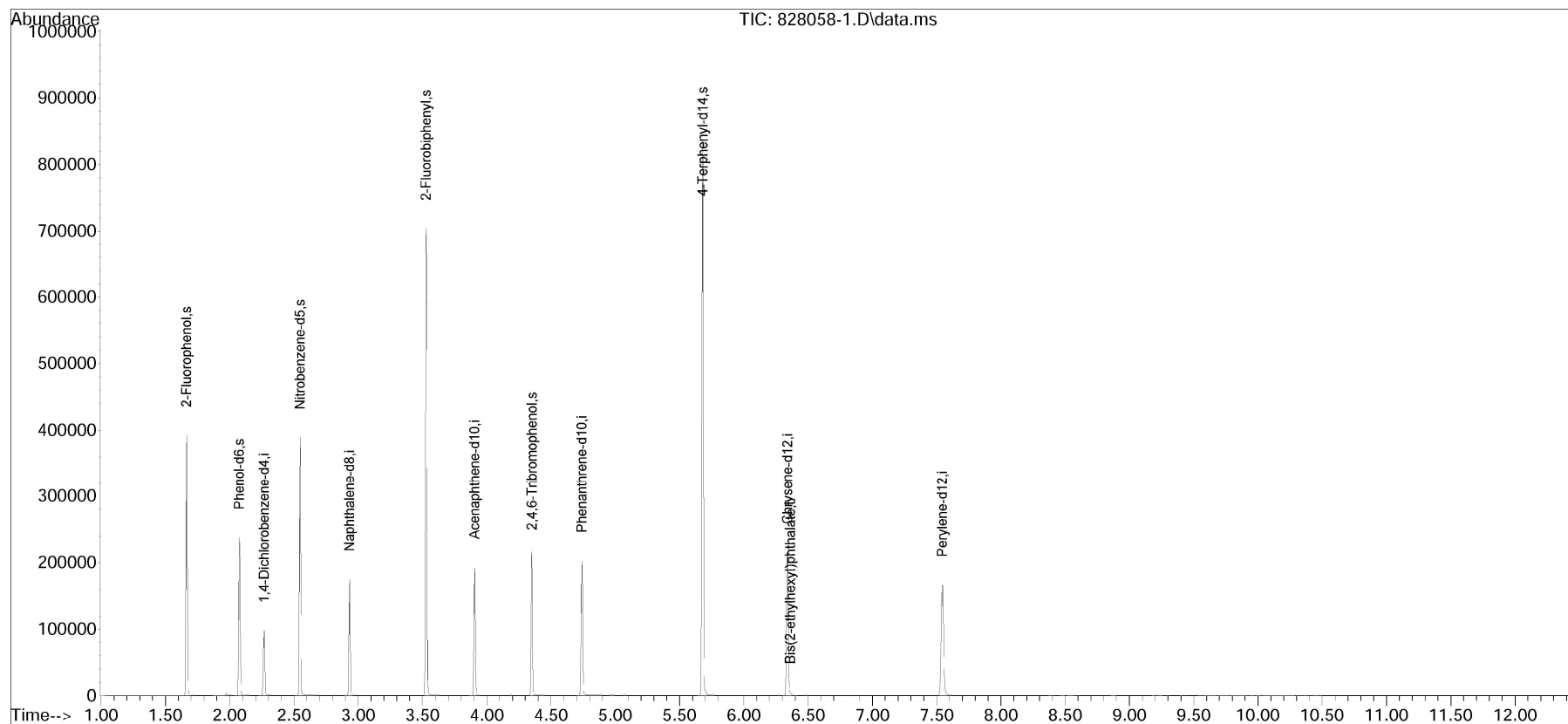


Quantitation Report (QT Reviewed)

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Data File : 828058-1.D
Acq On : 16 Sep 2023 06:05 pm
Operator : SV120:jjw
Sample : WG1828058-1,32,,rp
Misc : WG1828348,WG1828058,ical19770
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 10:40:49 2023
Quant Method : I:\8270sim\sv120\230916ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:42:13 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0916a.D•

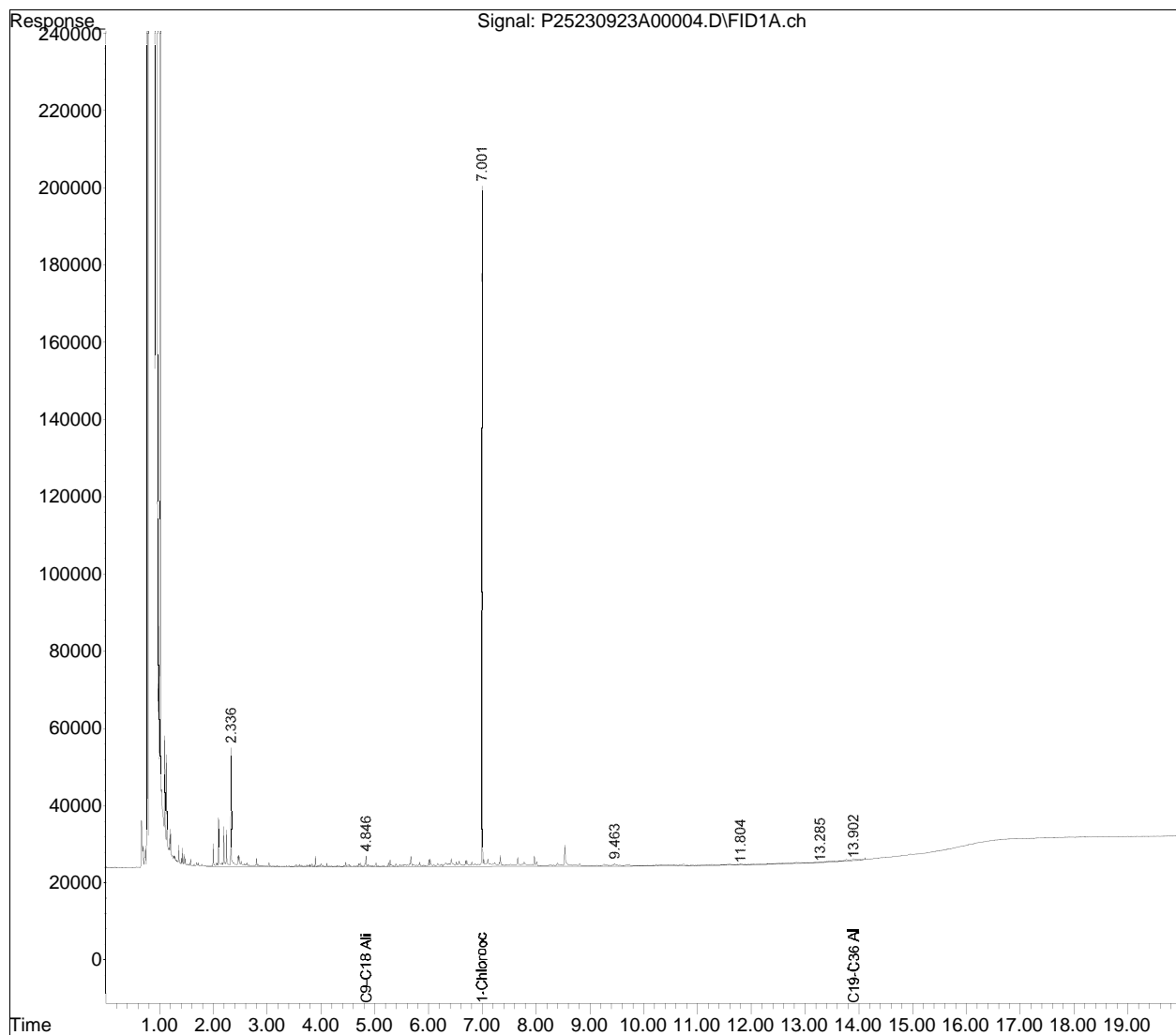


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923\
Data File : P25230923A00004.D
Signal(s) : FID1A.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25a:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 24 17:39:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

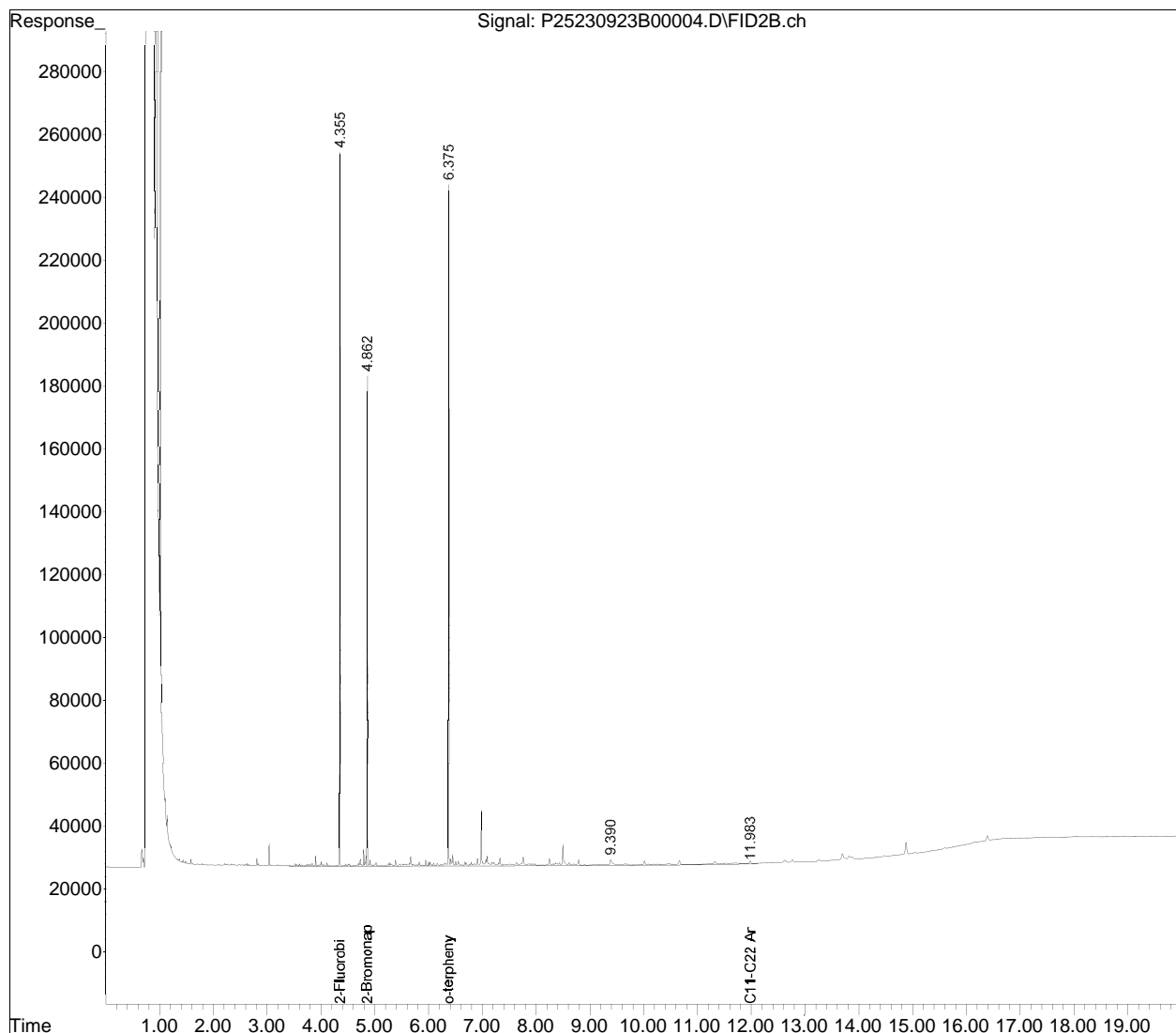


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923.sec\
Data File : P25230923B00004.D
Signal(s) : FID2B.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25b:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 17:32:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

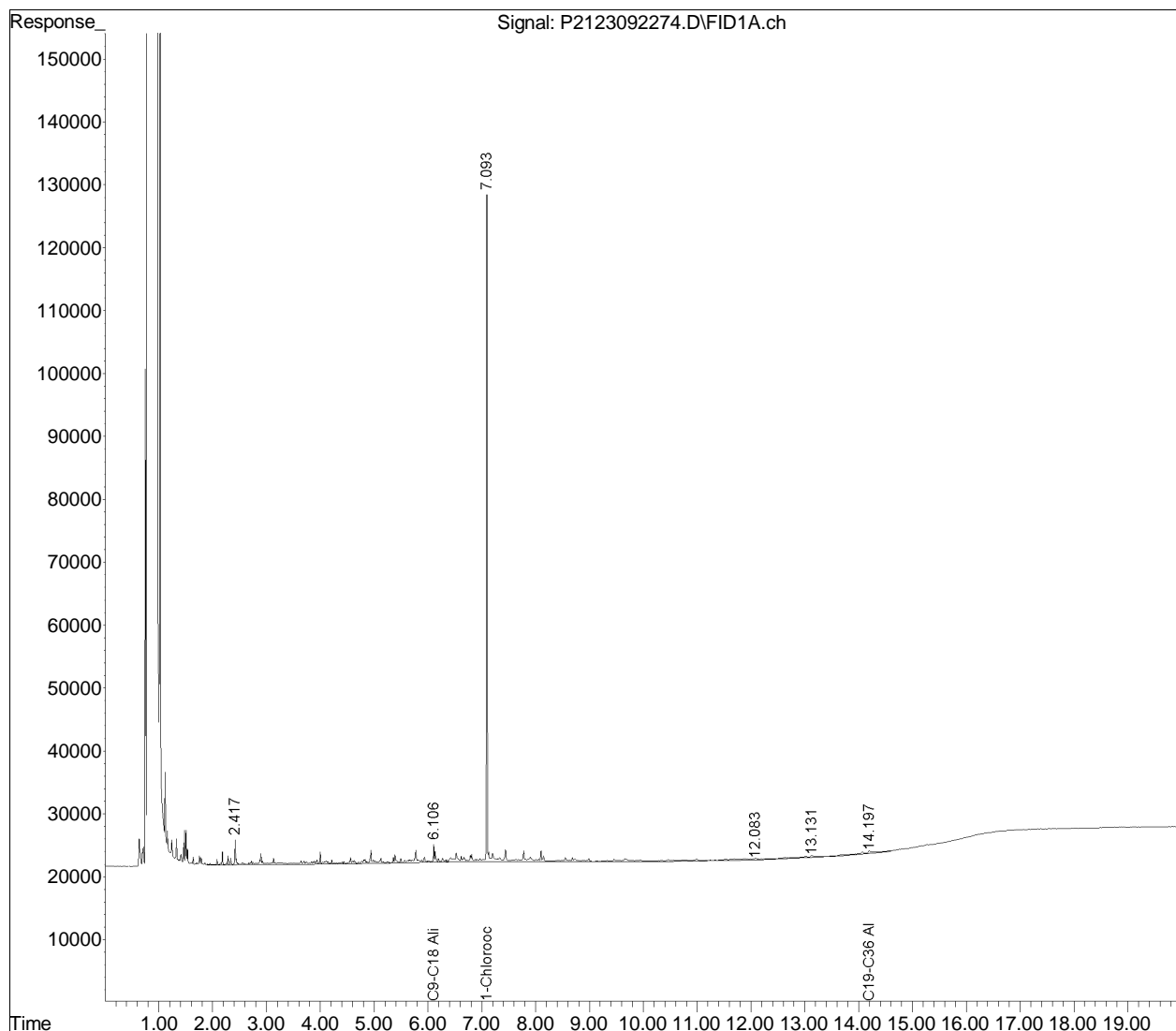


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922\
Data File : P2123092274.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2023 6:35 pm
Operator : Petro21a:sc
Sample : L2353028-01,42,,
Misc : WG1830826,WG1830500,ical18505
ALS Vial : 37 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 12:53:53 2023
Quant Method : I:\PETRO\Petro21\2023\230922\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Fri Sep 22 12:01:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

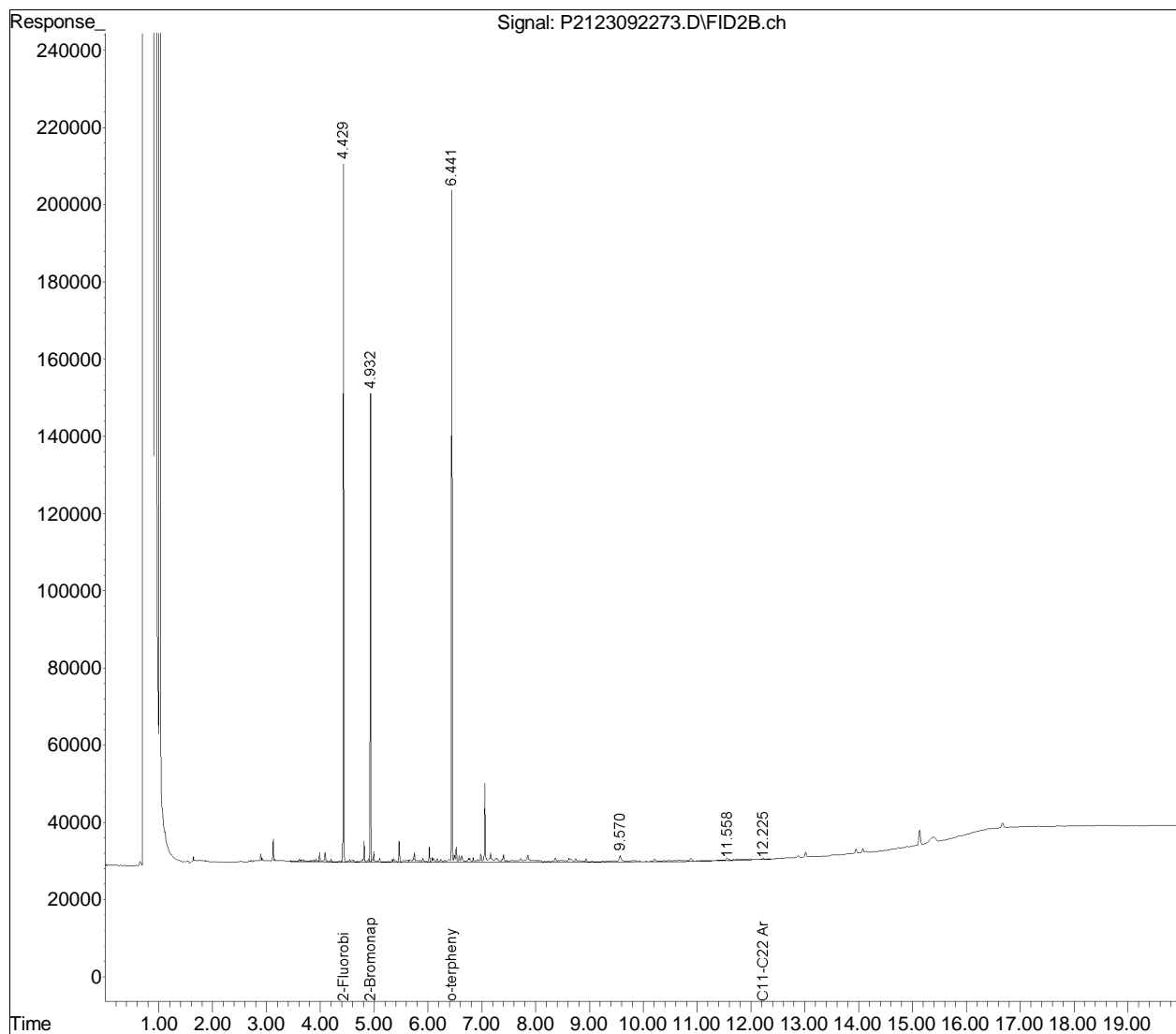


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922.SEC\
Data File : P2123092273.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2023 6:35 pm
Operator : Petro21b:sc
Sample : L2353028-01,42,,
Misc : WG1830826,WG1830500,ical18504
ALS Vial : 87 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 13:06:36 2023
Quant Method : I:\PETRO\Petro21\2023\230922.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 18 09:18:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\

Data File : P2230924a-06.D

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 24 Sep 2023 3:39 pm

Operator : pest2:mco

Sample : WG1831050-1,42,,

Misc : wg1831270,WG1831050,ical20286 (Sig #1); wg1831270,WG1830543,ical20

ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e

Integration File signal 2: events2.e

Quant Time: Sep 26 09:56:39 2023

Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m

Quant Title : pcb

QLast Update : Wed Aug 23 13:46:31 2023

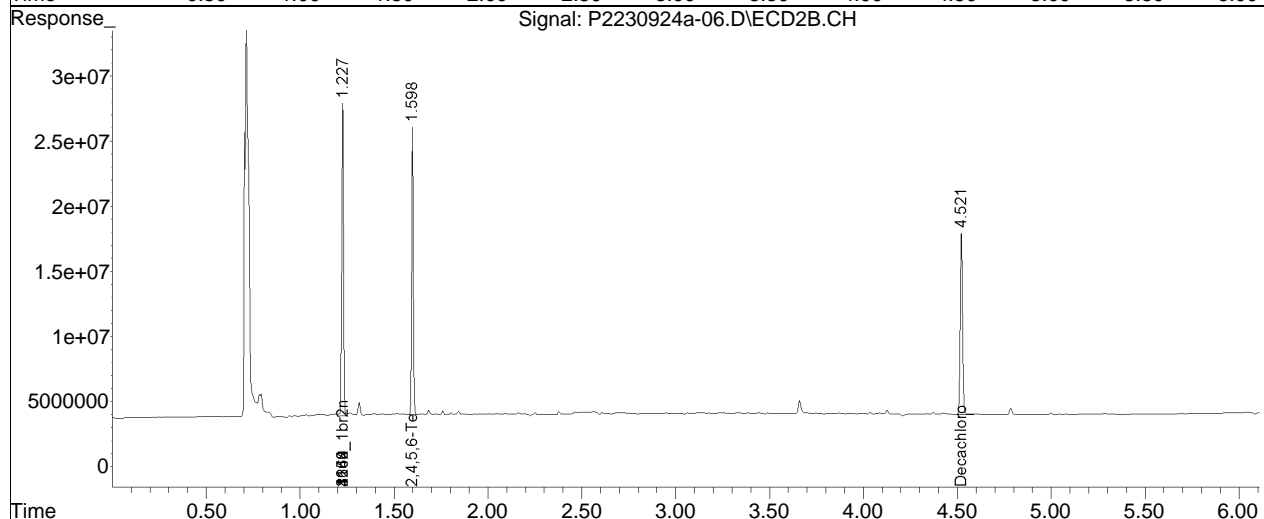
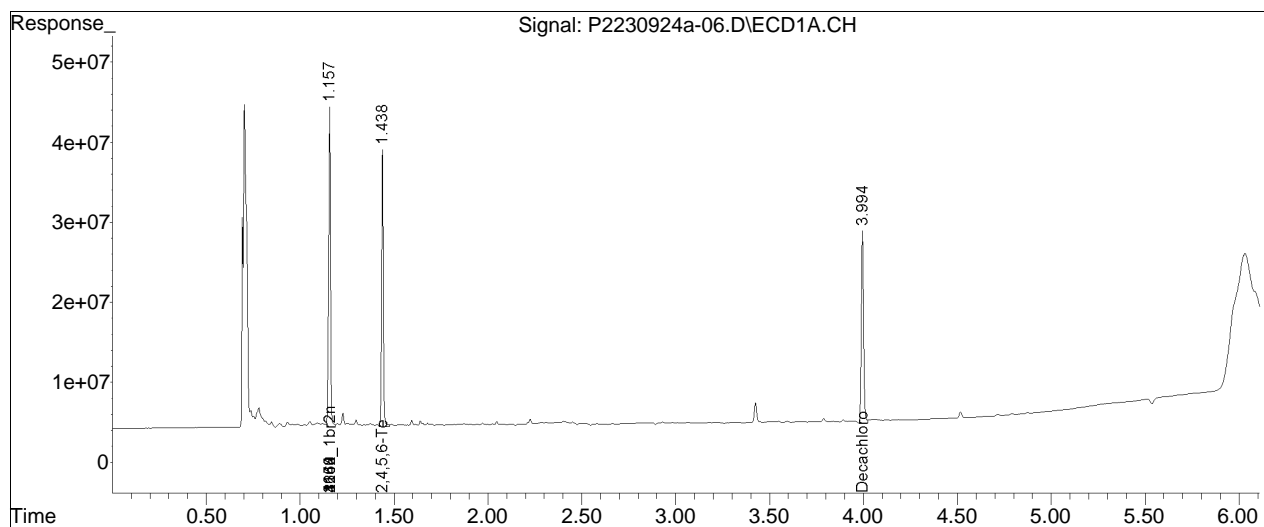
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :

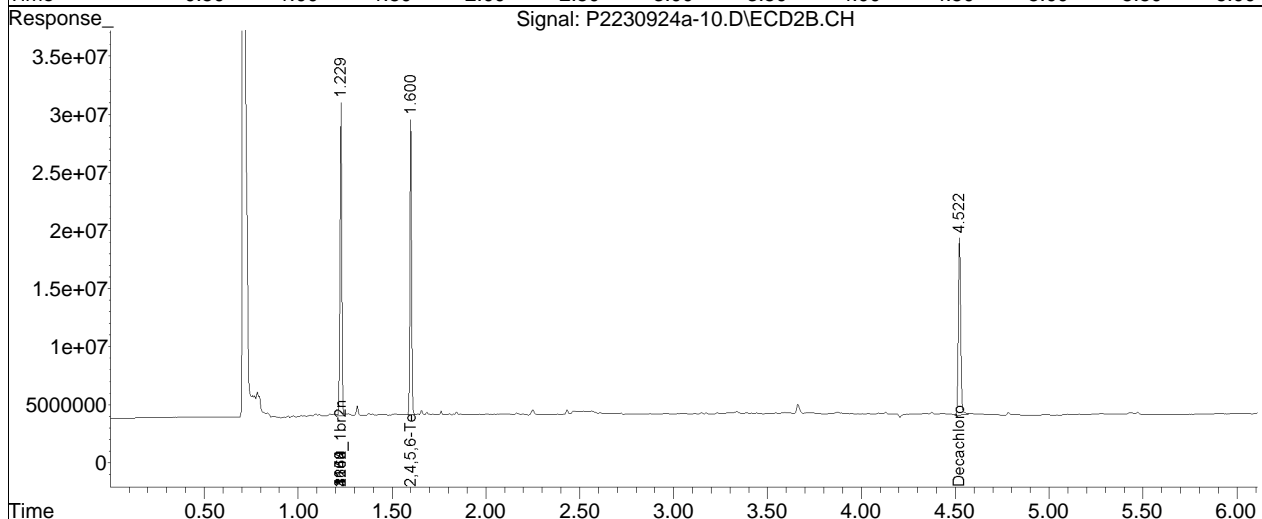
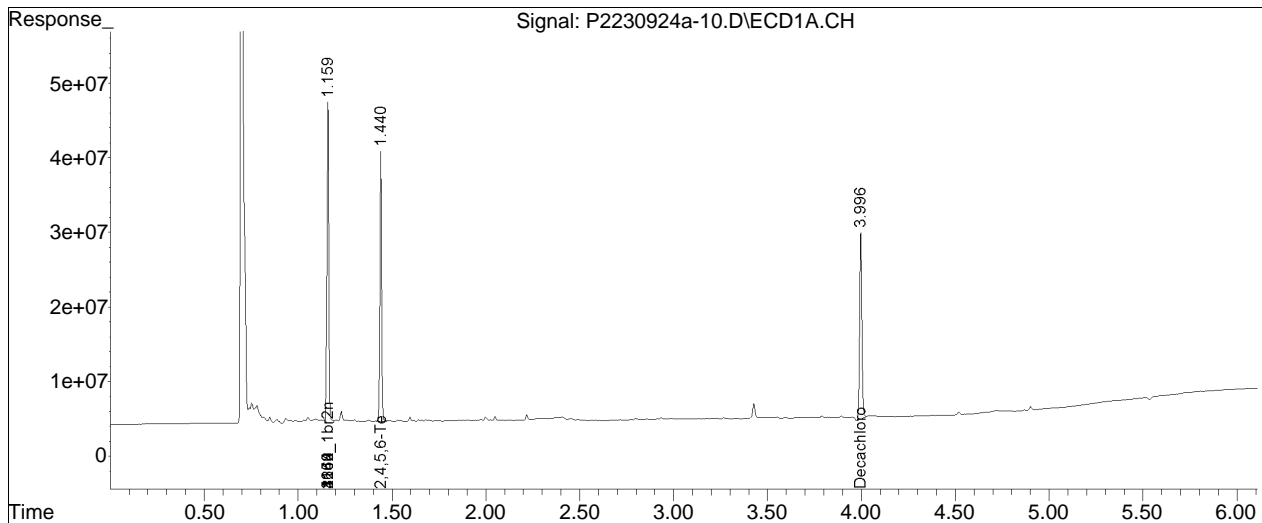


Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\
 Data File : P2230924a-10.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2023 4:16 pm
 Operator : pest2:mco
 Sample : L2353028-01,42,,
 Misc : wg1831270,WG1831050,ical20286
 ALS Vial : 10 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 10:25:49 2023
 Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



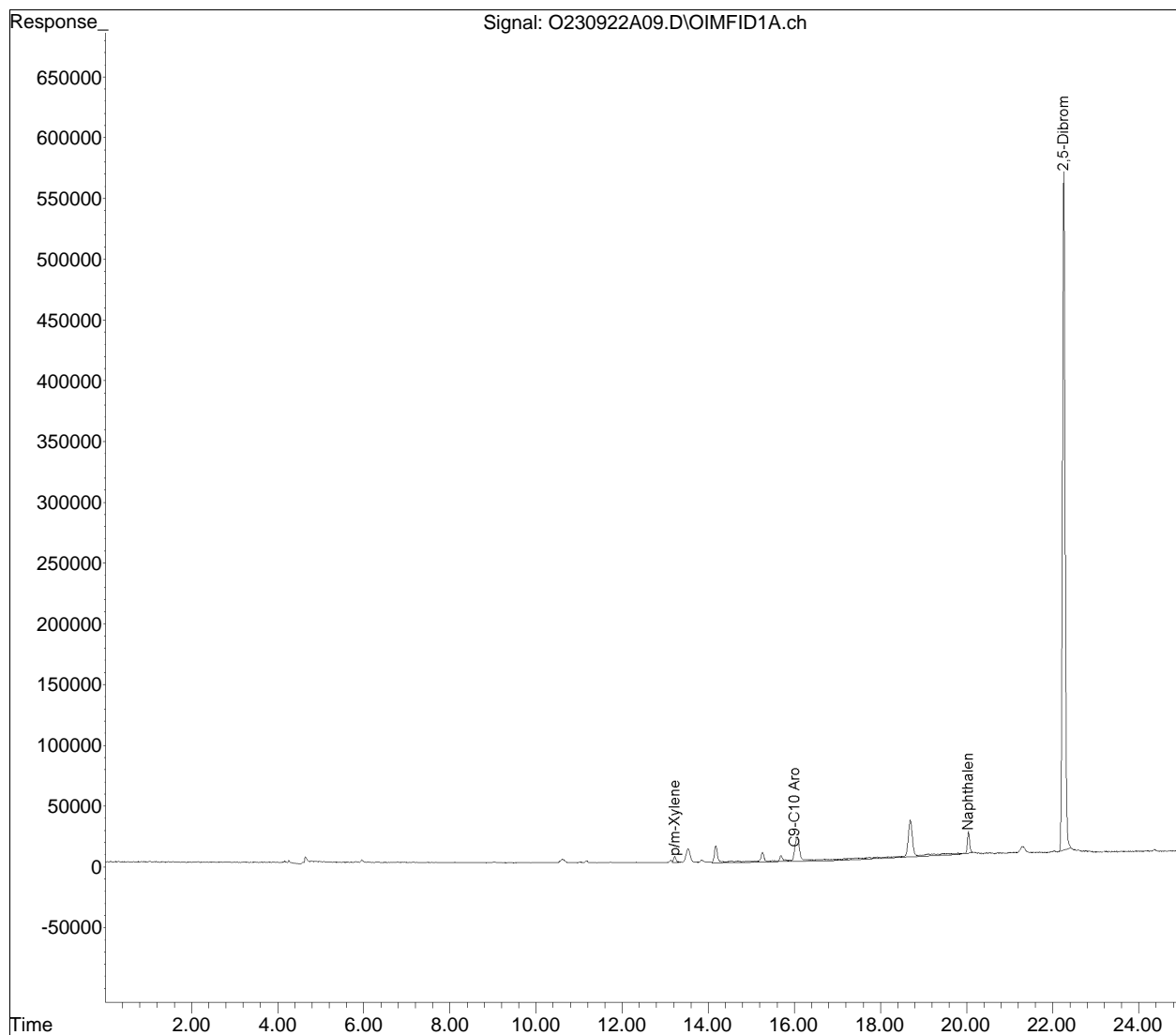
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A09.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20207
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



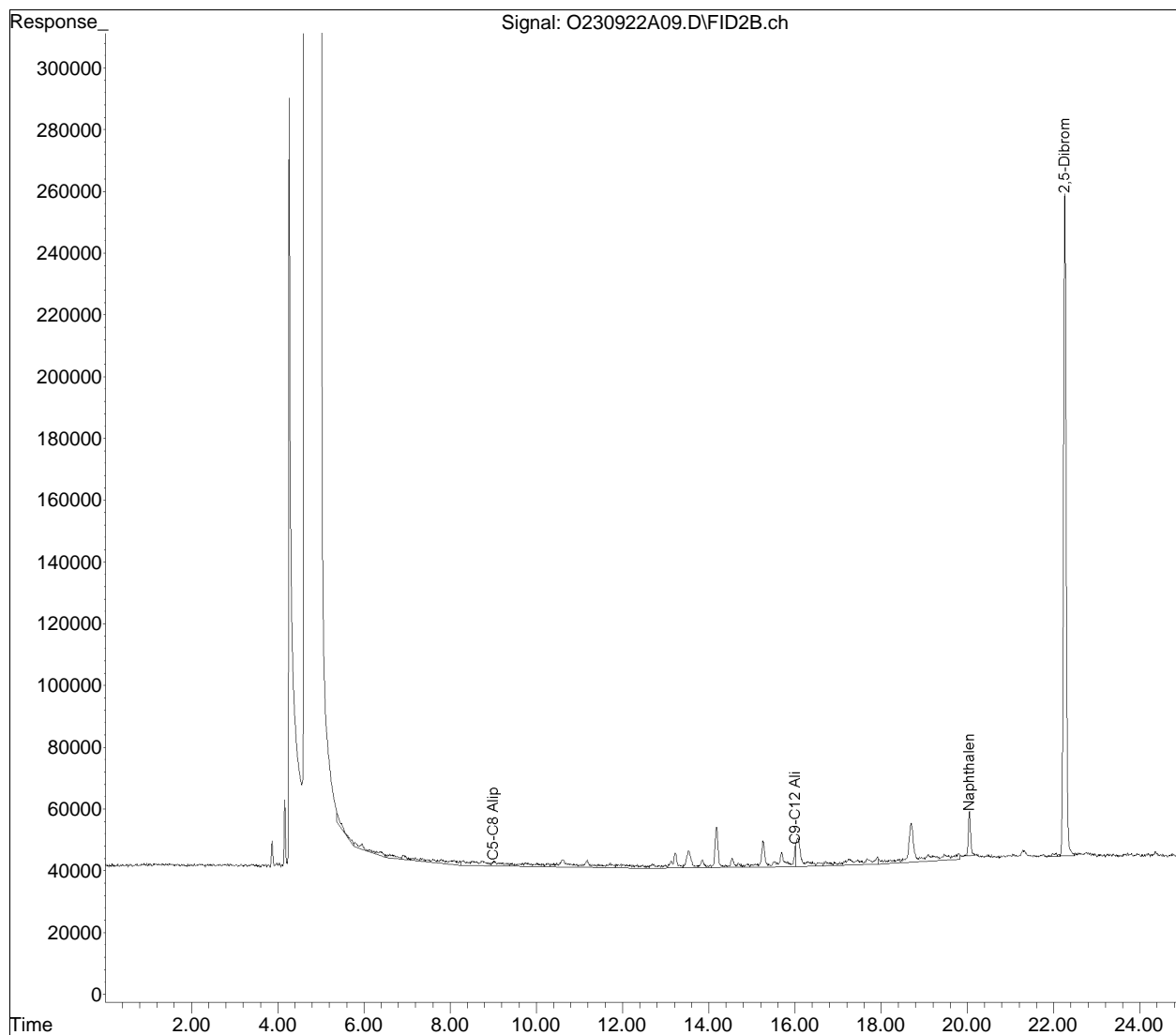
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A09.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20206
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



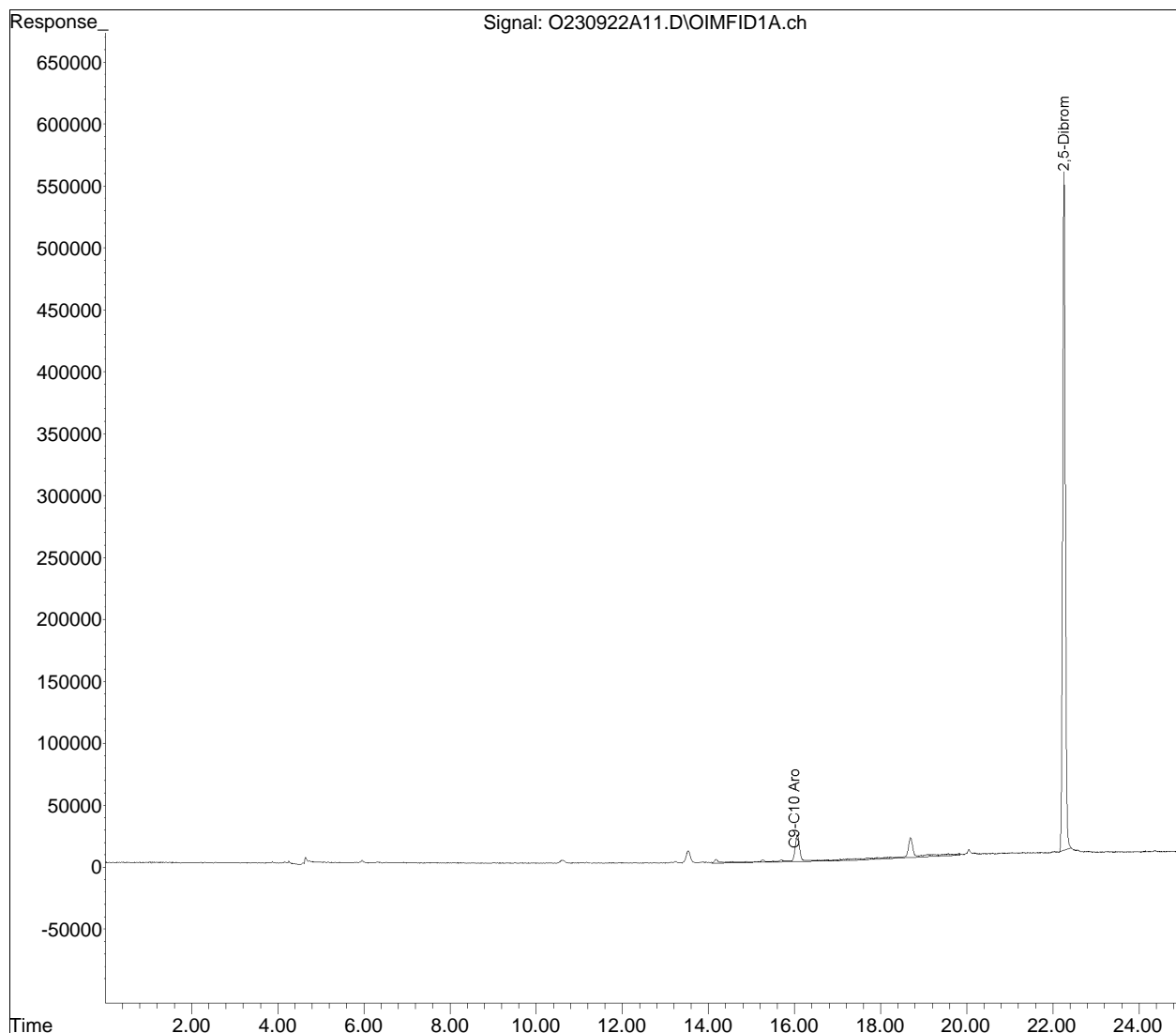
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A11.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 6:05 pm
Operator : OVPH:BAD
Sample : L2353028-01,41,5.0,5,,A
Misc : WG1831574,ICAL20207
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:20 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



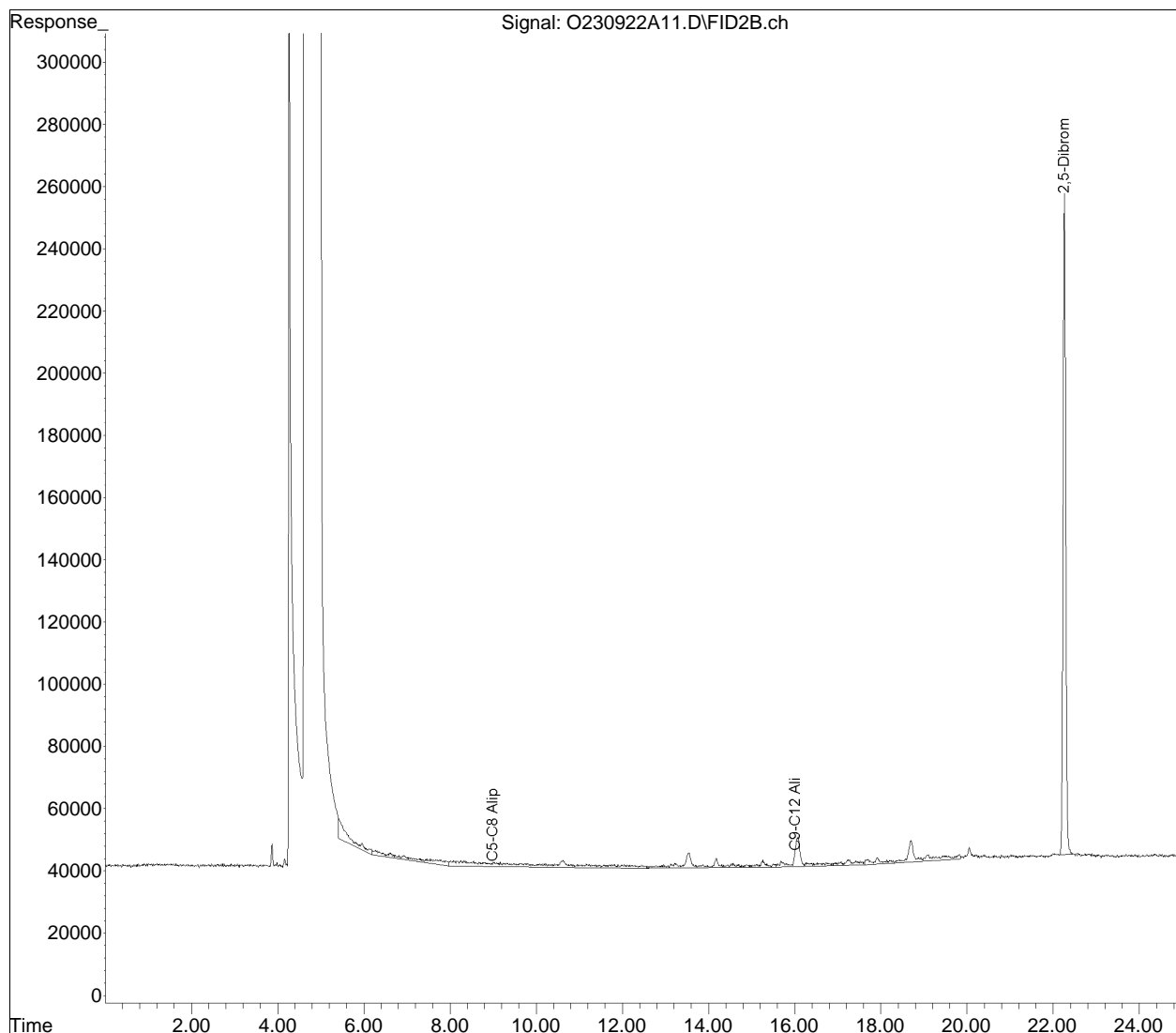
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A11.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 6:05 pm
Operator : OVPH:BAD
Sample : L2353028-01,41,5.0,5,,A
Misc : WG1831574,ICAL20206
ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:25 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 27, 2023

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER: DW 20118 CLIENT PROJECT ID: L2353028

Client Ref: ME

Aerobiology Laboratory Associates, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

Client Project #: L2353028
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20118
 Method: Drinking Water
 Date Received: 9/13/2023
 Date Analyzed: 9/27/2023
 Date of Report: 9/27/2023

Lab ID	Client ID	Description	Grid Area	# G.O.	Aliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149351	EF-01		0.010	11	10	0.18	NSD		201	NSD	Yes

Comments:

NSD = No Structures Detected



Aimee Cormier, Analyst

gww 2018

Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

Alpha Job Number
L2353028



Client Information

Project Information

Regulatory Requirements/Report Limits

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Project Location: ME
Project Manager: Graham Parker

State/Federal Program:

Regulatory Criteria:

Turnaround & Deliverables Information

Phone: 508.439.5160
Email: gparker@alphalab.com

Due Date:
Deliverables:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353028

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EF-01	09-12-23 12:15	WATER	Asbestos-TEM	

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>Graham Parker AAL</i>	<i>9/13/23</i>	<i>Eric Woods</i>	<i>9/15/23 8:5</i>
<i>Eric Woods</i>	<i>9/13/23 10:3</i>	<i>Drew Townsend</i>	<i>9.13.23 90:30</i>

Form No: AL_subcoc

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353028
 Client job site: ME
 Batch No. 20118
 Lab Sample ID 149351
 Client Sample ID EF-01
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 10
 Grid Box Location 2484 6B
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 11
 Analytical Sensitivity 0.18
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: *AW*
 Date Analyzed 9/27/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 6B	G4-1	NSD						
	G4-3							
	F4-3							
← 6C	F5-3							
	F5-3							
	F5-3							
← 6D	B3-6							
	C3-6							
	G4-3							

Total Asbestos Str _____

NSD = No Structures Detected F = Fiber



ANALYTICAL REPORT

Lab Number:	L2353030
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/27/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353030-01	EF-04	WATER	WISCASSETT MAINE	09/12/23 12:15	09/12/23
L2353030-02	TRIP BLANK	WATER	WISCASSETT MAINE	09/12/23 00:00	09/12/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2353030-02: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Volatile Organics

The WG1830333-3/-4 LCS/LCSD RPD(s), associated with L2353030-01 and -02, are above the acceptance criteria for 2-butanone (23%) and tetrahydrofuran (22%).

Semivolatile Organics

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353030-01, are below the acceptance criteria for benzidine (2%/2%), and pyridine (8% LCS); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353030-01, are below the individual acceptance criteria for aniline (25%/23%), but within the overall method allowances. The results of the associated sample are reported; however, all results for this compound are considered to have a potentially low bias.

EPH

The WG1830500-2/-3 LCS/LCSD RPD, associated with L2353030-01, is above the acceptance criteria for naphthalene (26%).

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Case Narrative (continued)

Solids, Total Suspended

WG1827914: A Laboratory Duplicate was prepared with the sample batch, however, the native sample required re-analysis; therefore, the result could not be reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/27/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 14:59
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.30	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/20/23 11:27
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.35	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 00:00
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	0.40	J	ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/20/23 10:07
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1830333-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	110		100		63-132	10		20
1,2-Dichloropropane	110		100		70-130	10		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	99		97		70-130	2		20
Chlorobenzene	100		100		75-130	0		25
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
1,1-Dichloropropene	110		100		70-130	10		20
Bromoform	88		92		54-136	4		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	110		110		70-130	0		25
Toluene	100		100		70-130	0		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	130		130		39-139	0		20
Vinyl chloride	120		120		55-140	0		20
Chloroethane	130		120		55-138	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery		RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual	Limits	RPD			
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4									
1,1-Dichloroethene	120		110		61-145	9			25
trans-1,2-Dichloroethene	110		100		70-130	10			20
Trichloroethene	100		98		70-130	2			25
1,2-Dichlorobenzene	99		100		70-130	1			20
1,3-Dichlorobenzene	100		99		70-130	1			20
1,4-Dichlorobenzene	98		97		70-130	1			20
Methyl tert butyl ether	98		100		63-130	2			20
p/m-Xylene	100		100		70-130	0			20
o-Xylene	100		100		70-130	0			20
cis-1,2-Dichloroethene	110		100		70-130	10			20
Dibromomethane	100		100		70-130	0			20
1,2,3-Trichloropropane	90		95		64-130	5			20
Styrene	100		95		70-130	5			20
Dichlorodifluoromethane	100		100		36-147	0			20
Acetone	92		95		58-148	3			20
Carbon disulfide	120		110		51-130	9			20
2-Butanone	87		110		63-138	23	Q		20
4-Methyl-2-pentanone	89		94		59-130	5			20
2-Hexanone	85		90		57-130	6			20
Bromochloromethane	110		100		70-130	10			20
Tetrahydrofuran	110		88		58-130	22	Q		20
2,2-Dichloropropane	110		110		63-133	0			20
1,2-Dibromoethane	100		100		70-130	0			20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4									
1,3-Dichloropropane	100		100		70-130		0		20
1,1,1,2-Tetrachloroethane	100		100		64-130		0		20
Bromobenzene	98		100		70-130		2		20
n-Butylbenzene	99		99		53-136		0		20
sec-Butylbenzene	100		98		70-130		2		20
tert-Butylbenzene	100		98		70-130		2		20
o-Chlorotoluene	100		99		70-130		1		20
p-Chlorotoluene	100		99		70-130		1		20
1,2-Dibromo-3-chloropropane	85		93		41-144		9		20
Hexachlorobutadiene	88		90		63-130		2		20
Isopropylbenzene	100		100		70-130		0		20
p-Isopropyltoluene	100		98		70-130		2		20
Naphthalene	92		100		70-130		8		20
n-Propylbenzene	100		100		69-130		0		20
1,2,3-Trichlorobenzene	91		98		70-130		7		20
1,2,4-Trichlorobenzene	92		96		70-130		4		20
1,3,5-Trimethylbenzene	100		98		64-130		2		20
1,3,5-Trichlorobenzene	95		96		70-130		1		20
1,2,4-Trimethylbenzene	100		100		70-130		0		20
Ethyl ether	110		110		59-134		0		20
Diisopropyl Ether	100		100		70-130		0		20
Tert-Butyl Alcohol	96		110		70-130		14		20
Ethyl-Tert-Butyl-Ether	100		100		70-130		0		20

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1830333-3 WG1830333-4								
Tertiary-Amyl Methyl Ether	99		100		66-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	101		101		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/16/23 18:11
 Analyst: CMM

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	56		41-149

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 11:42
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.42		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.19		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.20		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.26		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.04	1
Chrysene	0.18		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	0.06	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.12		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.22		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.15		ug/l	0.10	0.04	1
Pyrene	0.35		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01

Date Collected: 09/12/23 12:15

Client ID: EF-04

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	75		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1828057-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1828058-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Acenaphthene	70		69		37-111	1		30
Benidine	2	Q	2	Q	10-75	15		30
1,2,4-Trichlorobenzene	62		65		39-98	5		30
Hexachlorobenzene	65		65		40-140	0		30
Bis(2-chloroethyl)ether	66		71		40-140	7		30
2-Chloronaphthalene	68		68		40-140	0		30
1,2-Dichlorobenzene	59		65		40-140	10		30
1,3-Dichlorobenzene	57		62		40-140	8		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	86		84		48-143	2		30
2,6-Dinitrotoluene	80		79		40-140	1		30
Azobenzene	79		77		40-140	3		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	72		71		40-140	1		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	56		58		40-140	4		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorobutadiene	58		60		40-140	3		30
Hexachlorocyclopentadiene	52		52		40-140	0		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	79		82		40-140	4		30
Naphthalene	65		66		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	76		74		40-140	3		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		30
Butyl benzyl phthalate	84		82		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	85		83		40-140	2		30
Diethyl phthalate	82		80		40-140	2		30
Dimethyl phthalate	76		76		40-140	0		30
Benzo(a)anthracene	76		73		40-140	4		30
Benzo(a)pyrene	81		77		40-140	5		30
Benzo(b)fluoranthene	74		70		40-140	6		30
Benzo(k)fluoranthene	73		71		40-140	3		30
Chrysene	73		71		40-140	3		30
Acenaphthylene	80		78		45-123	3		30
Anthracene	73		72		40-140	1		30
Benzo(ghi)perylene	73		72		40-140	1		30
Fluorene	74		73		40-140	1		30
Phenanthrene	70		70		40-140	0		30
Dibenzo(a,h)anthracene	73		73		40-140	0		30
Indeno(1,2,3-cd)pyrene	91		90		40-140	1		30
Pyrene	73		71		26-127	3		30
Biphenyl	72		72		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Aniline	25	Q	23	Q	40-140	8		30
4-Chloroaniline	61		55		40-140	10		30
1-Methylnaphthalene	66		67		41-103	2		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	74		70		25-145	6		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	72		72		40-140	0		30
2-Methylnaphthalene	68		68		40-140	0		30
n-Nitrosodimethylamine	41		42		22-74	2		30
2,4,6-Trichlorophenol	79		78		30-130	1		30
p-Chloro-m-cresol	79		77		23-97	3		30
2-Chlorophenol	70		71		27-123	1		30
2,4-Dichlorophenol	76		80		30-130	5		30
2,4-Dimethylphenol	57		58		30-130	2		30
2-Nitrophenol	90		92		30-130	2		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	94		98		20-130	4		30
4,6-Dinitro-o-cresol	97		95		20-164	2		30
Pentachlorophenol	75		76		9-103	1		30
Phenol	34		34		12-110	0		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	63		63		30-130	0		30
2,4,5-Trichlorophenol	77		77		30-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353030

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1828057-2 WG1828057-3								
Benzoic Acid	38		38		10-164	0		30
Benzyl Alcohol	68		70		26-116	3		30
Carbazole	78		75		55-144	4		30
Pyridine	8	Q	10		10-66	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		49		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	71		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3								
Acenaphthene	72		69		40-140	4		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	81		79		40-140	3		40
Hexachlorobutadiene	66		64		40-140	3		40
Naphthalene	71		68		40-140	4		40
Benzo(a)anthracene	82		77		40-140	6		40
Benzo(a)pyrene	88		83		40-140	6		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	77		72		40-140	7		40
Acenaphthylene	84		83		40-140	1		40
Anthracene	80		76		40-140	5		40
Benzo(ghi)perylene	78		73		40-140	7		40
Fluorene	76		74		40-140	3		40
Phenanthrene	73		70		40-140	4		40
Dibenzo(a,h)anthracene	86		82		40-140	5		40
Indeno(1,2,3-cd)pyrene	100		95		40-140	5		40
Pyrene	82		80		40-140	2		40
1-Methylnaphthalene	71		69		40-140	3		40
2-Methylnaphthalene	76		73		40-140	4		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	64		59		40-140	8		40
Hexachloroethane	71		69		40-140	3		40

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1828058-2 WG1828058-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	53		51		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	86		84		23-120
2-Fluorobiphenyl	75		73		15-120
2,4,6-Tribromophenol	57		56		10-120
4-Terphenyl-d14	84		84		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 18:35
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	106		70-130
2,5-Dibromotoluene-FID	107		70-130

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/23/23 18:59
 Analyst: SC

Extraction Method: EPA 3510C
 Extraction Date: 09/21/23 21:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/22/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	133		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	61		40-140
2-Fluorobiphenyl	73		40-140
2-Bromonaphthalene	74		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/23/23 12:01
Analyst: ALL

Extraction Method: EPA 3510C
Extraction Date: 09/21/23 18:33
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/22/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s):	01	Batch:	WG1830500-1		
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	69		40-140
o-Terphenyl	60		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	65		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/22/23 17:05
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1831574-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								
C9-C18 Aliphatics	53		61		40-140	14		25
C19-C36 Aliphatics	70		78		40-140	11		25
C11-C22 Aromatics	52		62		40-140	18		25
Naphthalene	43		56		40-140	26	Q	25
2-Methylnaphthalene	46		58		40-140	23		25
Acenaphthylene	46		57		40-140	21		25
Acenaphthene	48		60		40-140	22		25
Fluorene	49		59		40-140	19		25
Phenanthrene	49		58		40-140	17		25
Anthracene	49		59		40-140	19		25
Fluoranthene	51		59		40-140	15		25
Pyrene	50		59		40-140	17		25
Benzo(a)anthracene	51		60		40-140	16		25
Chrysene	51		60		40-140	16		25
Benzo(b)fluoranthene	50		58		40-140	15		25
Benzo(k)fluoranthene	49		57		40-140	15		25
Benzo(a)pyrene	52		62		40-140	18		25
Indeno(1,2,3-cd)Pyrene	54		63		40-140	15		25
Dibenzo(a,h)anthracene	55		66		40-140	18		25
Benzo(ghi)perylene	53		63		40-140	17		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353030

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1830500-2 WG1830500-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	65		75		40-140
o-Terphenyl	51		61		40-140
2-Fluorobiphenyl	79		75		40-140
2-Bromonaphthalene	80		75		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1831574-2 WG1831574-3								
C5-C8 Aliphatics	107		113		70-130	5		25
C9-C12 Aliphatics	107		112		70-130	5		25
C9-C10 Aromatics	103		109		70-130	6		25
Benzene	105		111		70-130	6		25
Toluene	106		112		70-130	6		25
Ethylbenzene	107		113		70-130	5		25
p/m-Xylene	105		111		70-130	6		25
o-Xylene	106		112		70-130	6		25
Methyl tert butyl ether	107		116		70-130	8		25
Naphthalene	105		113		70-130	7		25
1,2,4-Trimethylbenzene	103		109		70-130	6		25
Pentane	109		115		70-130	5		25
2-Methylpentane	108		114		70-130	5		25
2,2,4-Trimethylpentane	105		110		70-130	5		25
n-Nonane	105		110		30-130	5		25
n-Decane	108		113		70-130	5		25
n-Butylcyclohexane	107		112		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	114		114		70-130
2,5-Dibromotoluene-FID	113		113		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**SAMPLE RESULTS**

Lab ID: L2353030-01
 Client ID: EF-04
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
 Date Received: 09/12/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/24/23 16:26
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 07:49
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/23/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	0.102	J	ug/l	0.250	0.032	1	B
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	0.059	J	ug/l	0.250	0.034	1	B
PCBs, Total	0.161	J	ug/l	0.250	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/24/23 15:39
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/23/23 07:49
Cleanup Method: EPA 3665A
Cleanup Date: 09/23/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/23/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1831050-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	91		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1831050-2 WG1831050-3									
Aroclor 1016	58		65		40-140	12		50	A
Aroclor 1260	61		69		40-140	12		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		58		30-150	A
Decachlorobiphenyl	61		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		63		30-150	B
Decachlorobiphenyl	73		83		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353030-01

Date Collected: 09/12/23 12:15

Client ID: EF-04

Date Received: 09/12/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0412		mg/l	0.0100	0.00327	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00163	J	mg/l	0.00400	0.00042	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00090		mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Barium, Total	0.00821		mg/l	0.00050	0.00017	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00016	J	mg/l	0.00020	0.00005	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Calcium, Total	12.2		mg/l	0.100	0.0394	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00073	J	mg/l	0.00100	0.00017	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00028	J	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Copper, Total	0.01857		mg/l	0.00100	0.00038	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Iron, Total	0.110		mg/l	0.0500	0.0191	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Lead, Total	0.00308		mg/l	0.00100	0.00034	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Magnesium, Total	3.76		mg/l	0.0700	0.0242	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00557		mg/l	0.00100	0.00044	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00085		mg/l	0.00020	0.00009	1	09/15/23 20:38	09/21/23 17:59	EPA 7470A	1,7470A	MJR
Nickel, Total	0.07191		mg/l	0.00200	0.00055	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Potassium, Total	5.91		mg/l	0.100	0.0309	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Sodium, Total	14.3		mg/l	0.100	0.0293	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF
Vanadium, Total	1.144		mg/l	0.1000	0.03140	20	09/14/23 08:18	09/25/23 10:04	EPA 3005A	1,6020B	EJF
Zinc, Total	0.03097		mg/l	0.01000	0.00341	1	09/14/23 08:18	09/25/23 09:45	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827286-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Calcium, Total	ND	mg/l	0.100	0.0394	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/14/23 08:18	09/14/23 13:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1827951-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/15/23 20:38	09/21/23 17:42	1,7470A	MJR

Project Name: MASON STATION

Lab Number: L2353030

Project Number: Not Specified

Report Date: 09/27/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353030

Report Date: 09/27/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	86		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	102		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	83		-		80-120	-		
Chromium, Total	97		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	101		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	99		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	107		-		80-120	-		
Silver, Total	103		-		80-120	-		
Sodium, Total	104		-		80-120	-		
Thallium, Total	105		-		80-120	-		
Vanadium, Total	97		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353030

Report Date: 09/27/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827286-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1827951-2					
Mercury, Total	107	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

SAMPLE RESULTS

Lab ID: L2353030-01
Client ID: EF-04
Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 12:15
Date Received: 09/12/23
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1827914-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/15/23 10:24	121,2540D	CVN

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1827914-2								
Solids, Total Suspended	97		-		80-120	-		

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353030-01A	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-8260(14)
L2353030-01B	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-8260(14)
L2353030-01C	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-8260(14)
L2353030-01D	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-VPH-18(14)
L2353030-01E	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-VPH-18(14)
L2353030-01F	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-VPH-18(14)
L2353030-01G	Plastic 250ml HNO3 preserved	A	<2	<2	4.4	Y	Present/Intact		FE-6020T(180),BA-6020T(180),TL-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),HG-T(28),AG-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2353030-01H	Amber 120ml unpreserved	A	7	7	4.4	Y	Present/Intact		PCB-8082-LVI(365)
L2353030-01I	Amber 120ml unpreserved	A	7	7	4.4	Y	Present/Intact		PCB-8082-LVI(365)
L2353030-01J	Plastic 950ml unpreserved	A	7	7	4.4	Y	Present/Intact		TSS-2540(7)
L2353030-01K	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353030-01L	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353030-01M	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353030-01N	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353030-01O	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353030-01P	Amber 1000ml unpreserved	A	7	7	4.4	Y	Present/Intact		SUB-ASBESTOS-TEM(2)

Project Name: MASON STATION**Lab Number:** L2353030**Project Number:** Not Specified**Report Date:** 09/27/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353030-01Q	Amber 1000ml HCl preserved	A	<2	<2	4.4	Y	Present/Intact		EPH-20(14)
L2353030-01R	Amber 1000ml HCl preserved	A	<2	<2	4.4	Y	Present/Intact		EPH-20(14)
L2353030-02A	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-8260(14)
L2353030-02B	Vial HCl preserved	A	NA		4.4	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353030
Report Date: 09/27/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP

Address: 17 State House Station

Phone: 207-441-2181

Fax: Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/12/23

ALPHA Job #: 12353030

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

ANALYSIS

VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCBs - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

Sample Specific Comments

TOTAL # BOTTLES

17

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53030-01	EF-04	9/12/23	1215	E	FW

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	1313 9/12/23	<i>[Signature]</i>	1313 125005
<i>[Signature]</i>	125005 1528	<i>[Signature]</i>	9/12/23 1528
<i>[Signature]</i>	9/12/23 1500	<i>[Signature]</i>	9/12/23 1500
		<i>[Signature]</i>	9/12/23 2348

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not stop until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113846

10 Iron Road
 Hermon, Maine 04401

Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
 Falmouth, Maine 04105

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>72 Center St</u>	Street <u>8 Walkup Dr</u>
Origin <u>Brower ME</u> Zip Code <u>04412</u>	Destination <u>Westboro MA</u> Zip Code <u>01581</u>
Phone #	Phone #

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
1		Cooler			

TOTAL PIECES 1	WEIGHT GRAND TOTAL
TOTAL CHARGES	

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature. Please use complete ship to address. Uniship can not deliver to P.O. Boxes.

Shipper's Signature [Signature]

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	PICK-UP TIME <u>1800</u>	RECIPIENT <u>[Signature]</u>	DELIVERY TIME <u>13:46</u>
COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>	COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/12/23</u>

RECIPIENT COPY

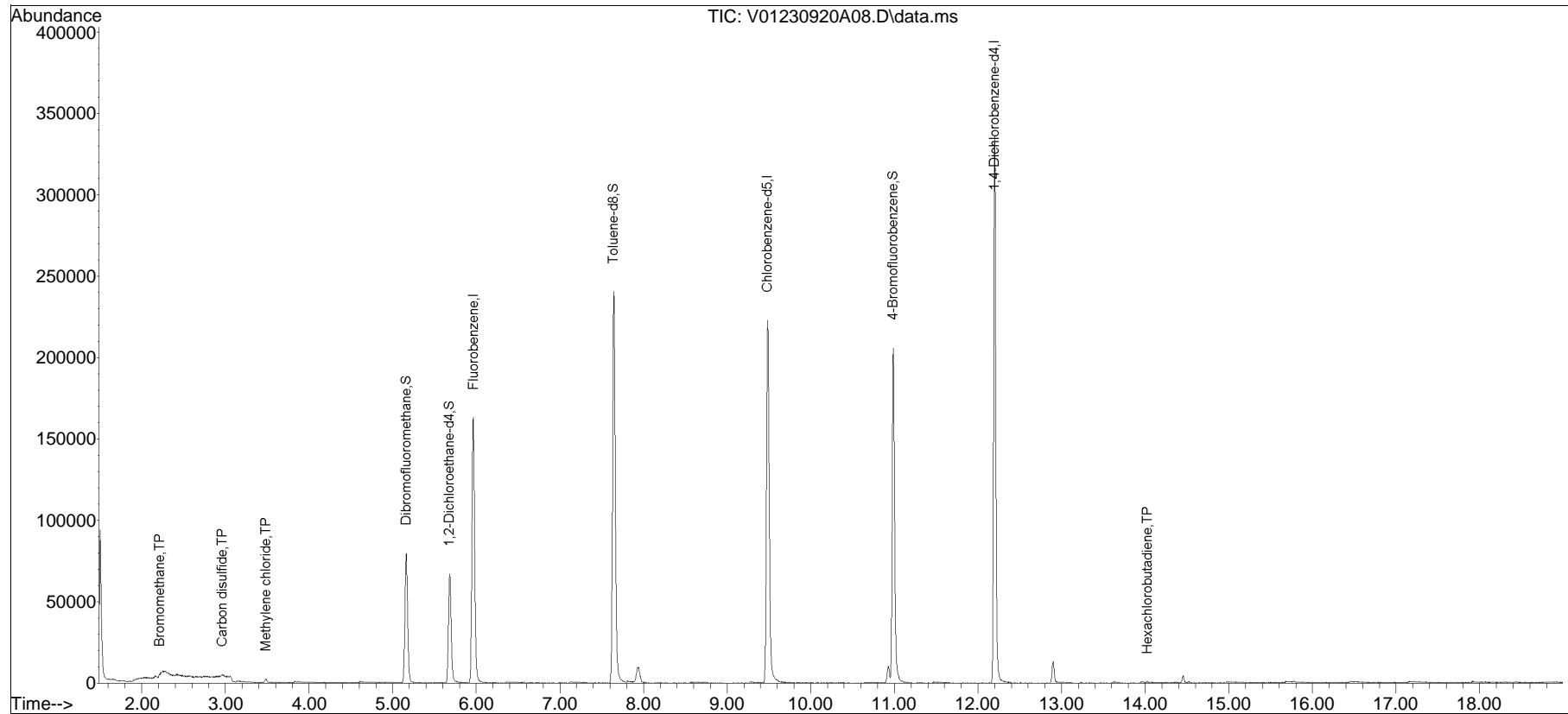


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A08.D
Acq On : 20 Sep 2023 10:07 am
Operator : VOA101:MJV
Sample : WG1830333-5,31,10,10
Misc : WG1830333,ICAL20376
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 20 12:41:14 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

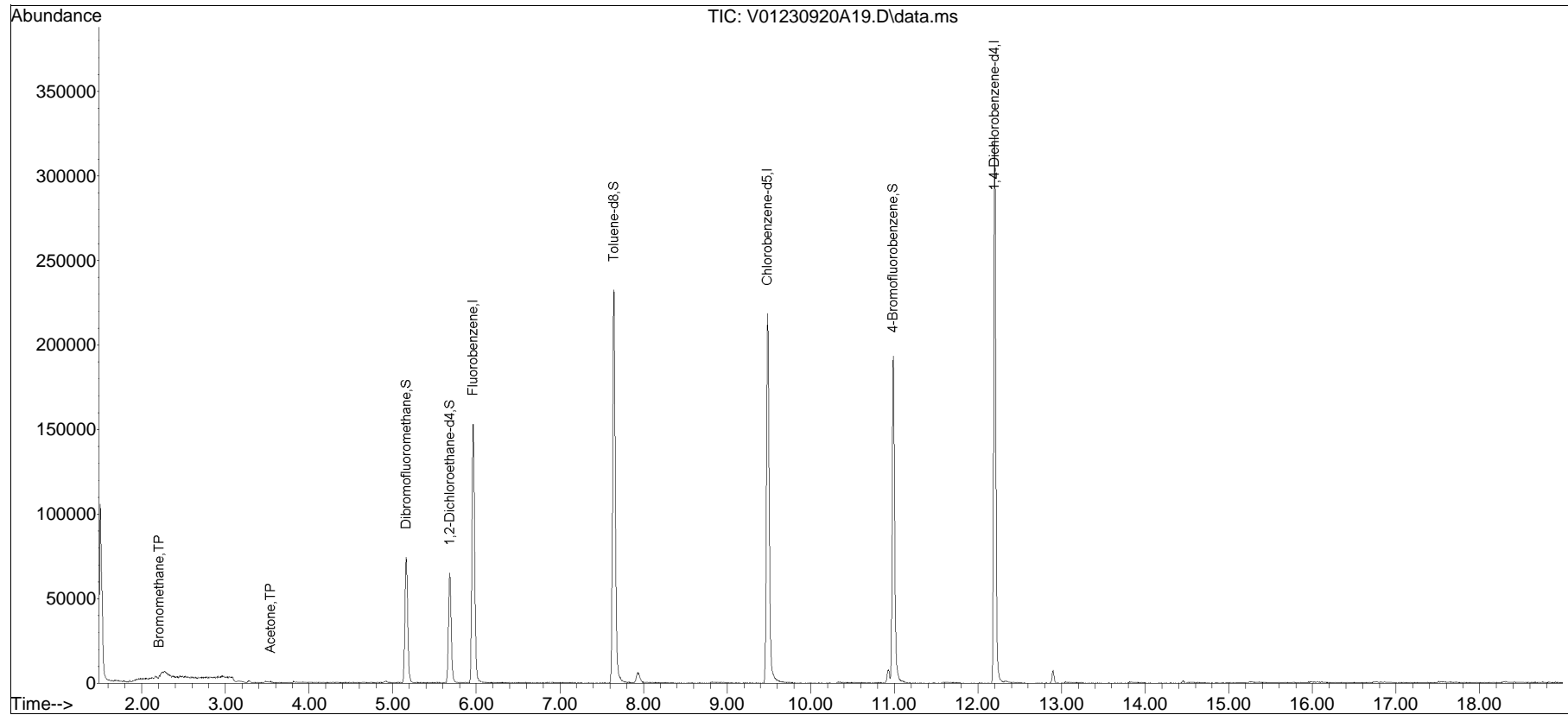


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A19.D
Acq On : 20 Sep 2023 2:59 pm
Operator : VOA101:MJV
Sample : L2353030-01,31,10,10,,A
Misc : WG1830333,ICAL20376
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 21 11:55:06 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

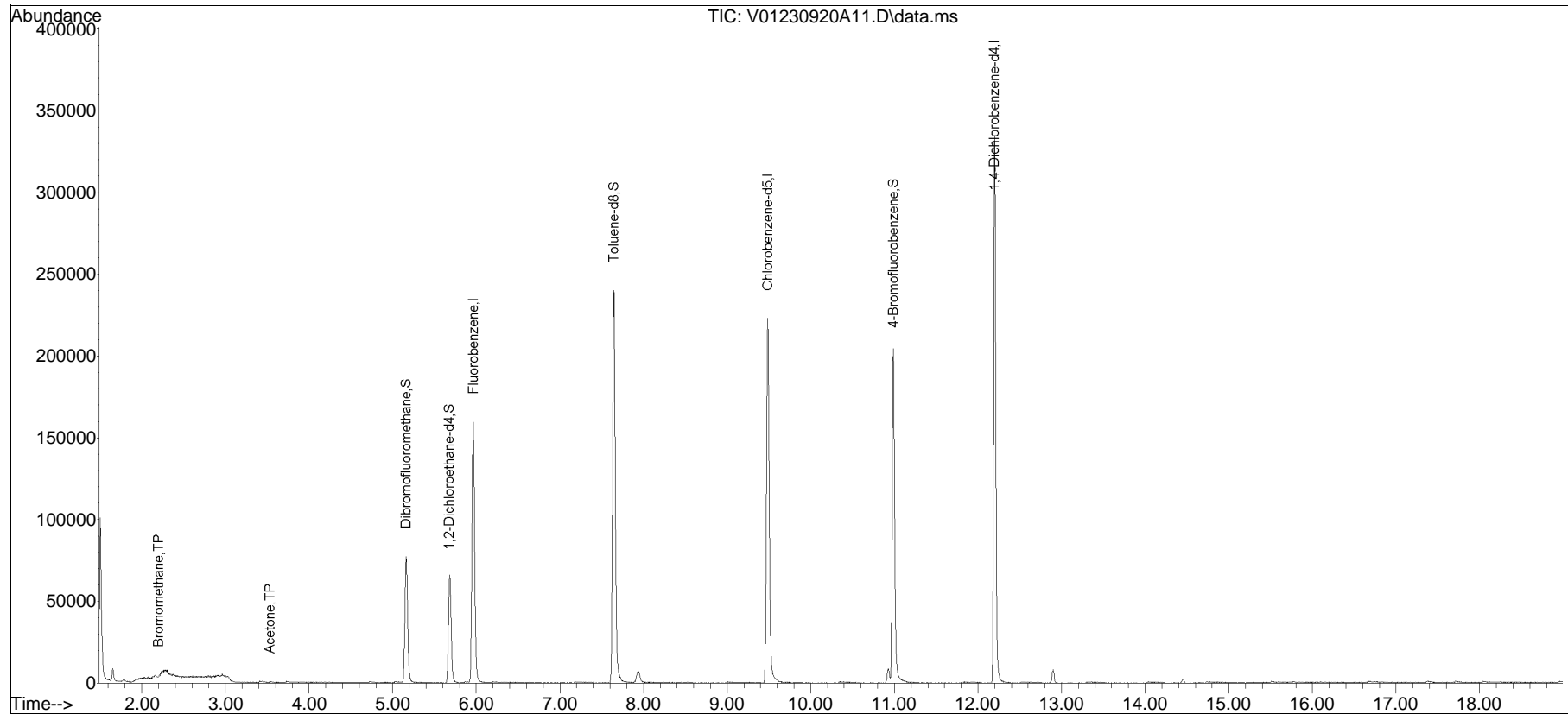


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230920A\
Data File : V01230920A11.D
Acq On : 20 Sep 2023 11:27 am
Operator : VOA101:MJV
Sample : L2353030-02,31,10,10,,A
Misc : WG1830333,ICAL20376
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 20 12:45:09 2023
Quant Method : K:\VOA101\2023\230920A\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

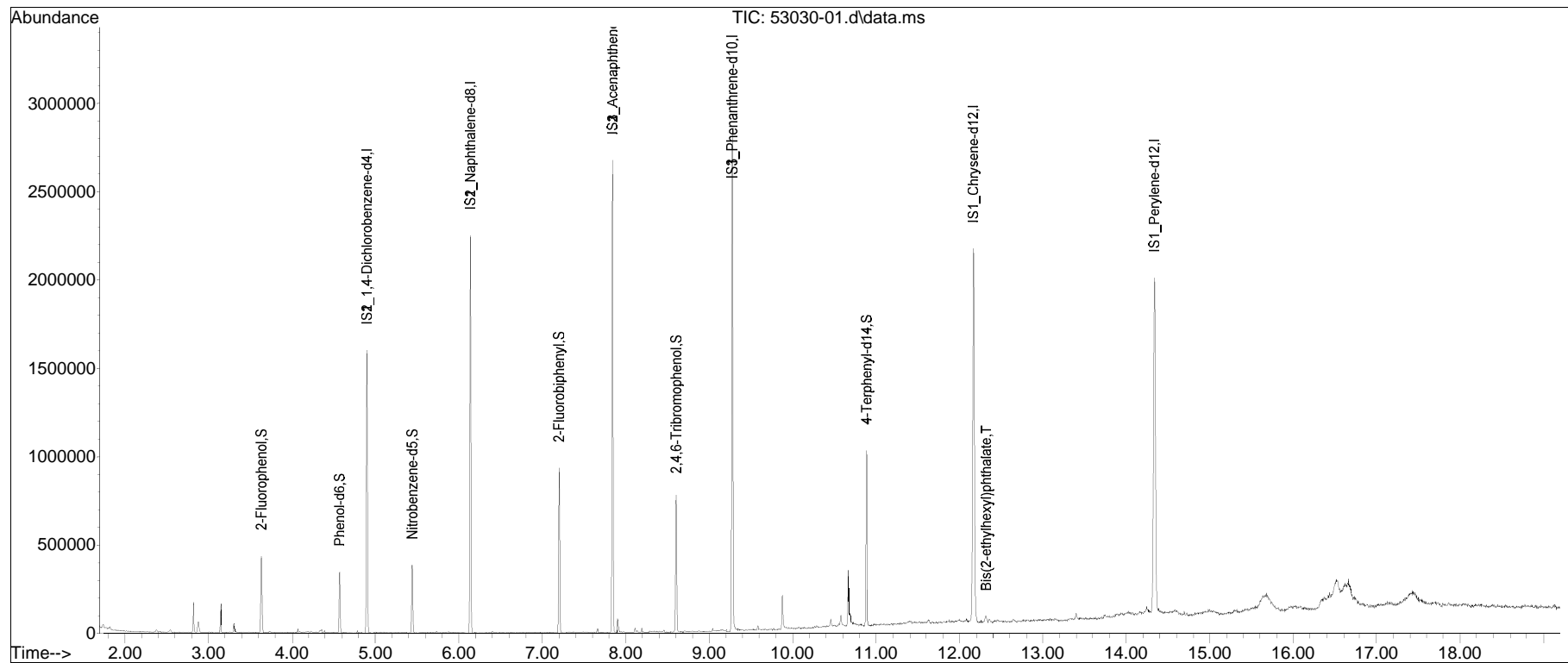


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 53030-01.d
Acq On : 16 Sep 2023 6:11 pm
Operator : SV103:cmm
Sample : L2353030-01,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 18 11:11:34 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:44:25 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA916.d••

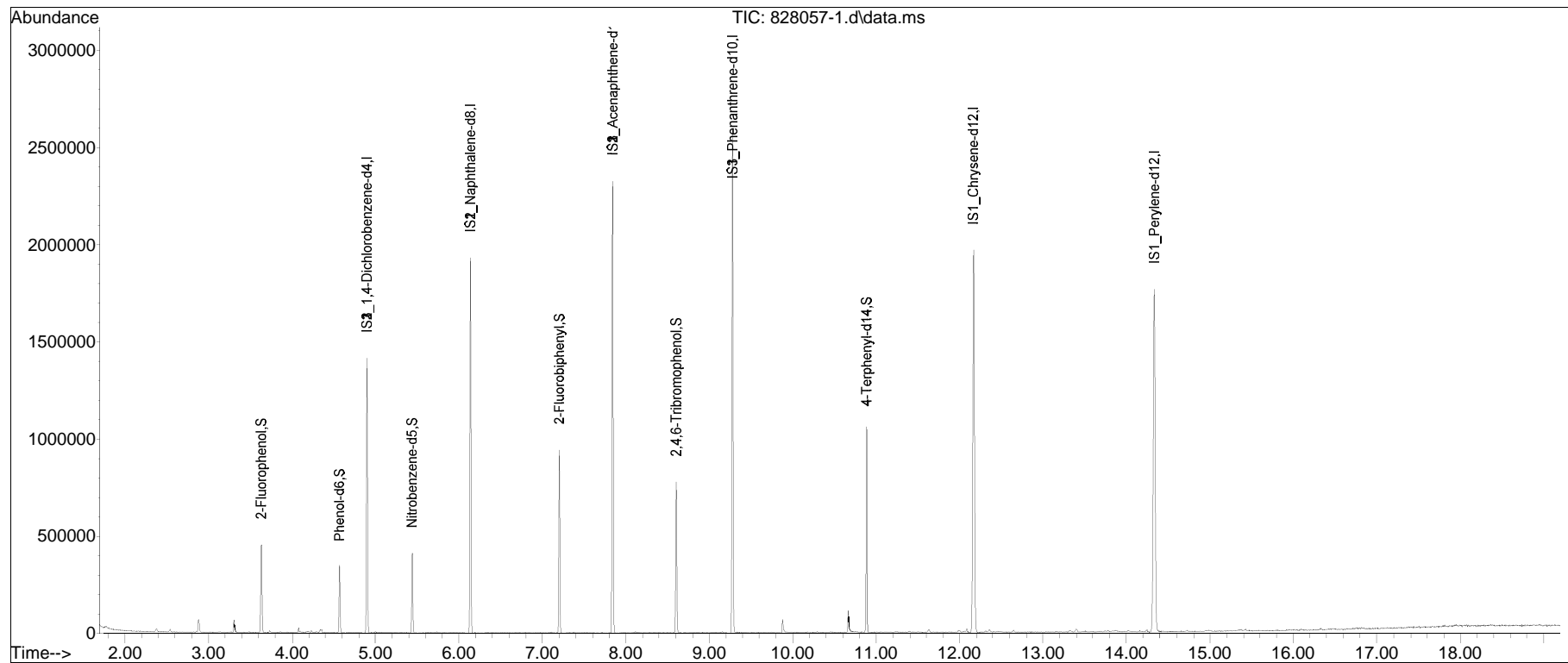


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 828057-1.d
Acq On : 16 Sep 2023 12:20 pm
Operator : SV103:cmm
Sample : WG1828057-1,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:41:23 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 12:40:34 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAa\AP90916.d••

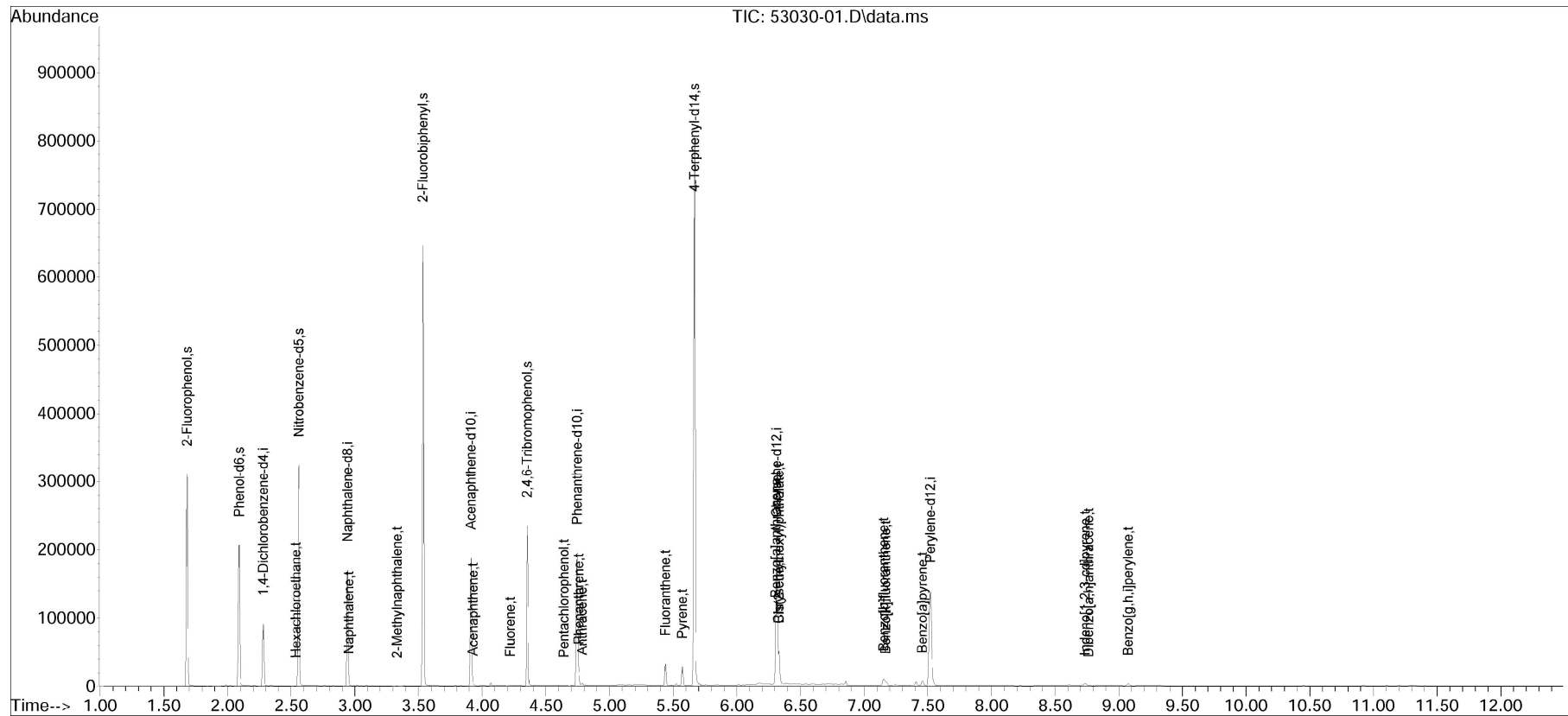


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53030-01.D
 Acq On : 17 Sep 2023 11:42 am
 Operator : SV120:jjw
 Sample : L2353030-01,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 25 10:29:26 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

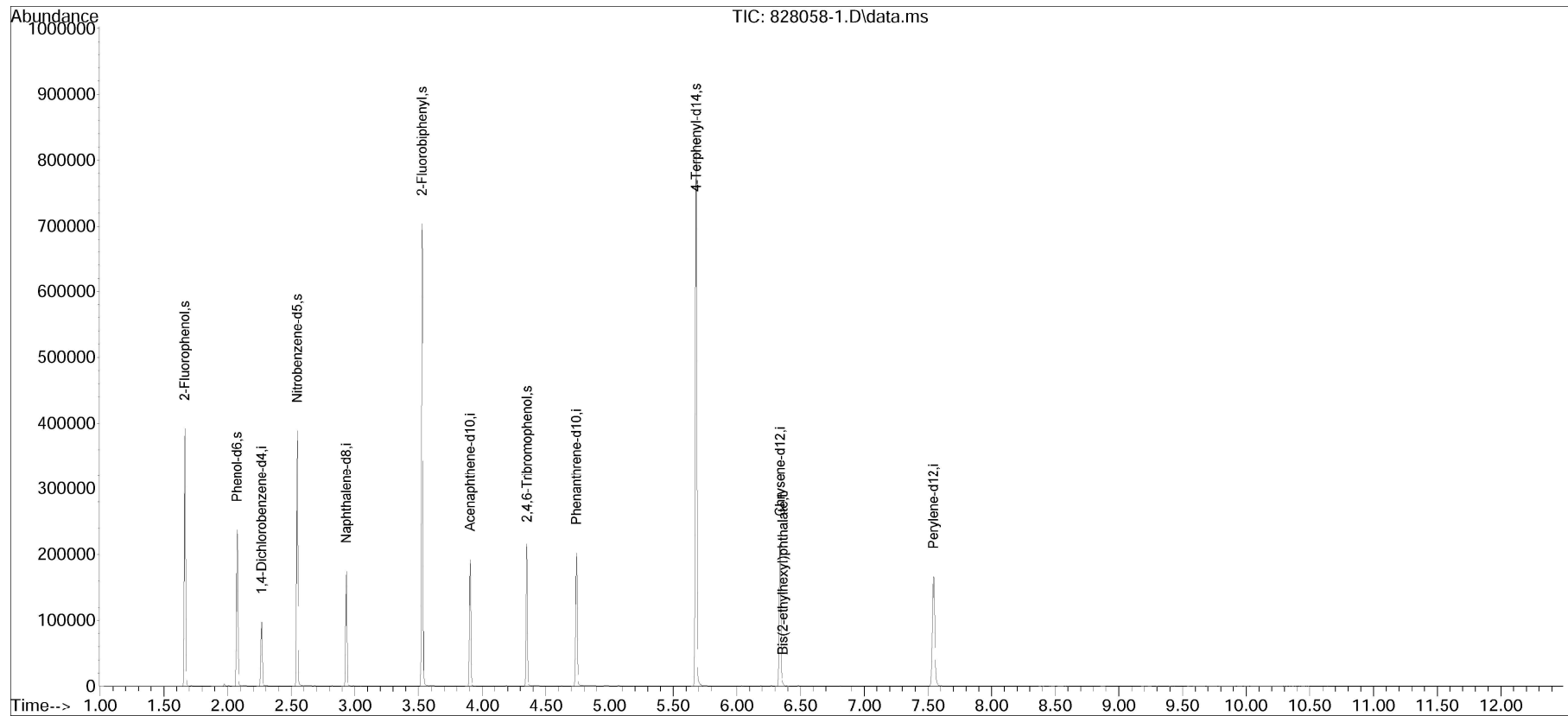


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230916ST\
Data File : 828058-1.D
Acq On : 16 Sep 2023 06:05 pm
Operator : SV120:jjw
Sample : WG1828058-1,32,,rp
Misc : WG1828348,WG1828058,ical19770
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 10:40:49 2023
Quant Method : I:\8270sim\sv120\230916ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:42:13 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0916a.D•

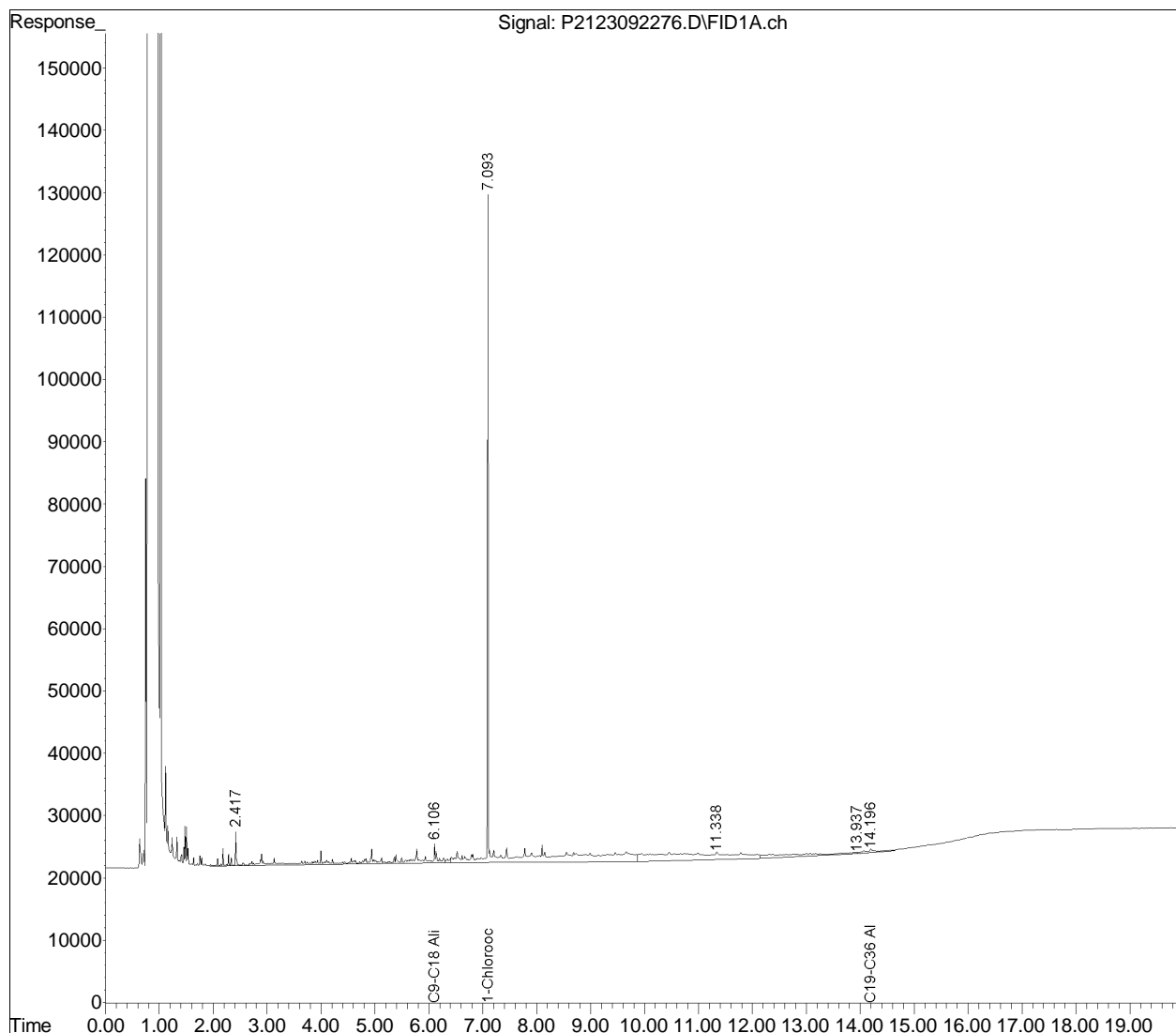


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922\
Data File : P2123092276.D
Signal(s) : FID1A.ch
Acq On : 23 Sep 2023 6:59 pm
Operator : Petro21a:sc
Sample : L2353030-01,42,,
Misc : WG1830826,WG1830500,ical18505
ALS Vial : 38 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 12:54:50 2023
Quant Method : I:\PETRO\Petro21\2023\230922\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Fri Sep 22 12:01:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

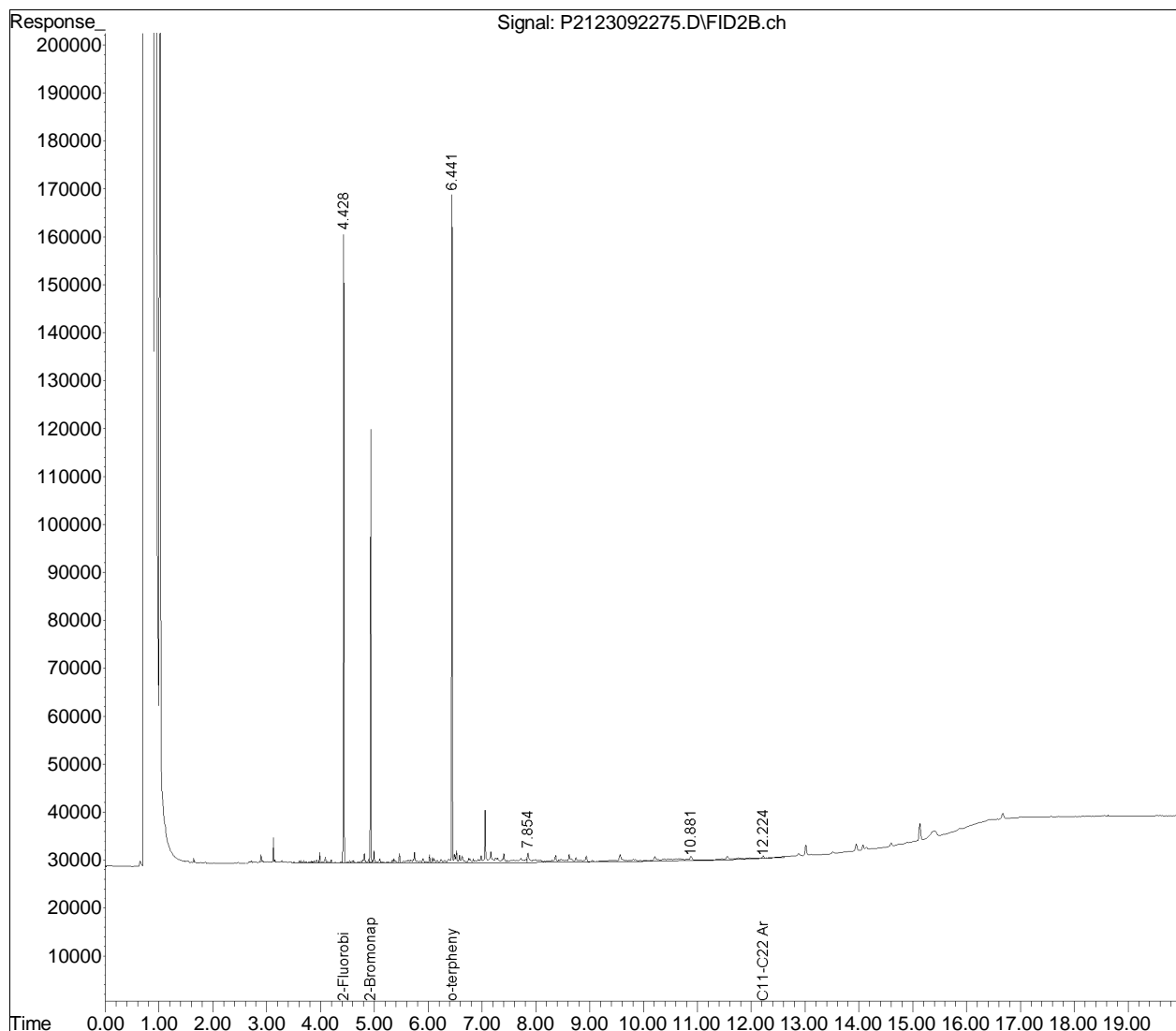


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230922.SEC\
Data File : P2123092275.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2023 6:59 pm
Operator : Petro21b:sc
Sample : L2353030-01,42,,
Misc : WG1830826,WG1830500,ical18504
ALS Vial : 88 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 13:08:44 2023
Quant Method : I:\PETRO\Petro21\2023\230922.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 18 09:18:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

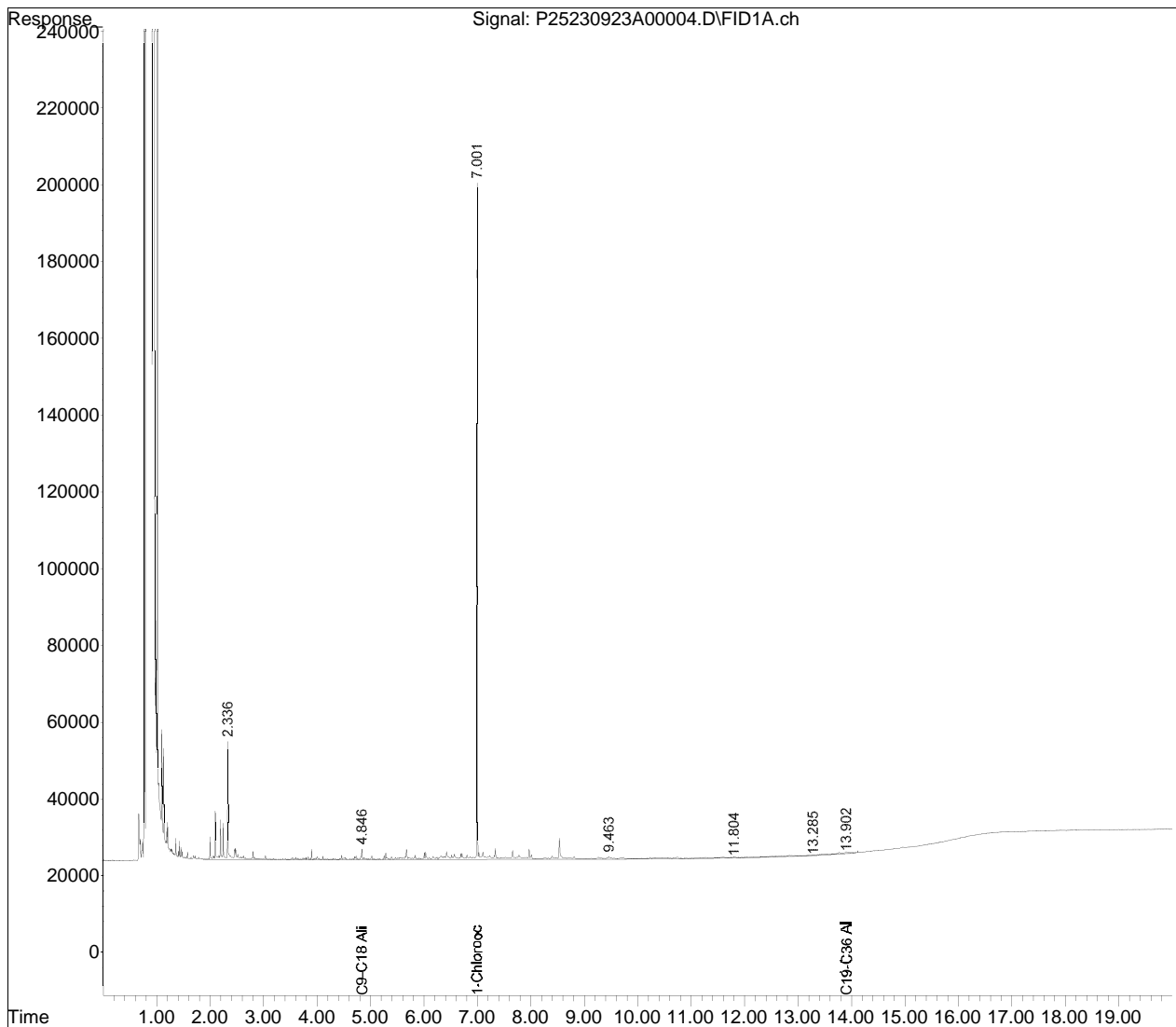


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923\
Data File : P25230923A00004.D
Signal(s) : FID1A.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25a:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 24 17:39:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

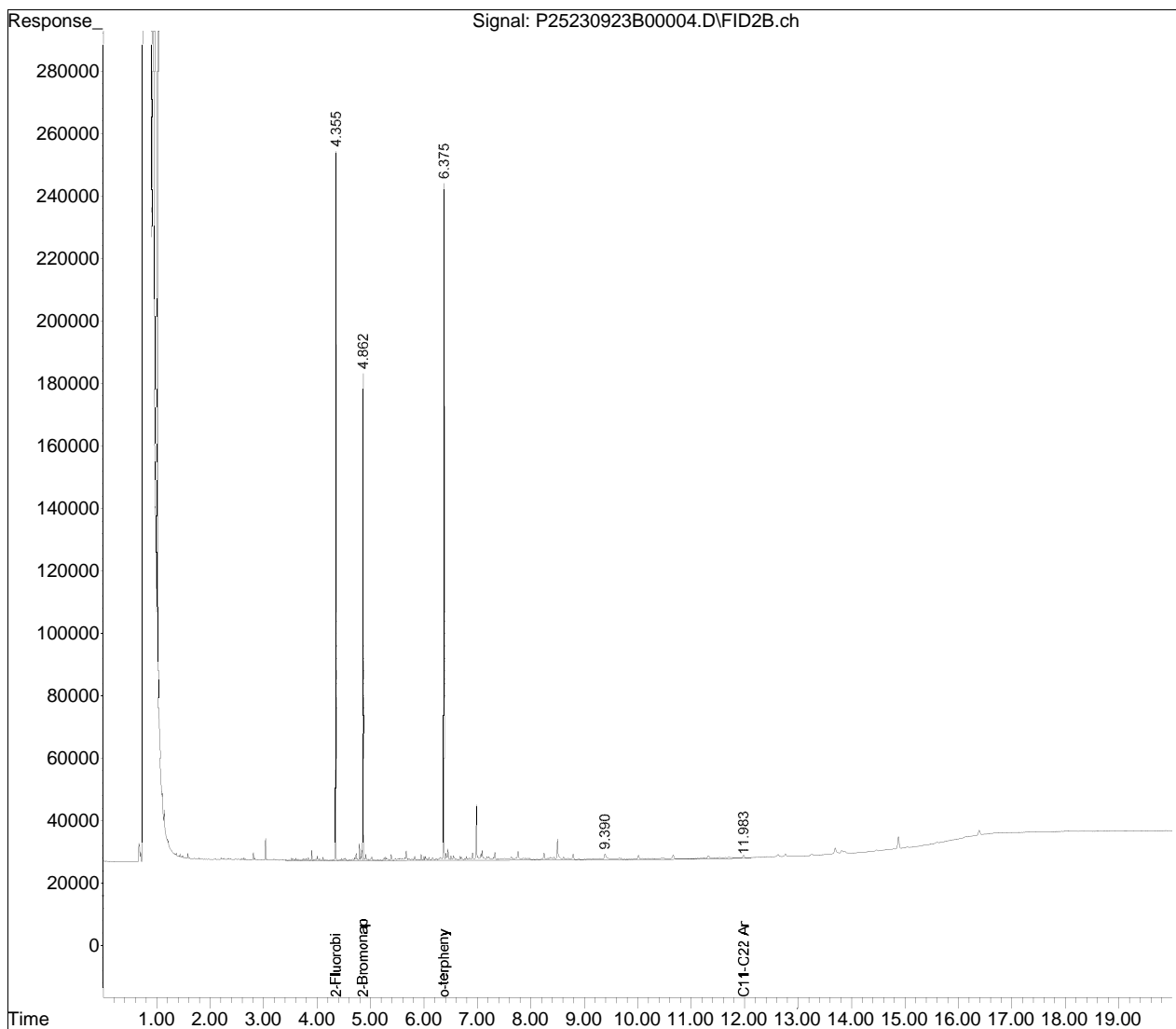


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230923.sec\
Data File : P25230923B00004.D
Signal(s) : FID2B.ch
Acq On : 23-Sep-2023, 12:01:02
Operator : petro25b:all
Sample : WG1830500-1,42,,
Misc : wg1831130,wg1830500,ical20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 24 17:32:50 2023
Quant Method : I:\PETRO\Petro25\2023\230923.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

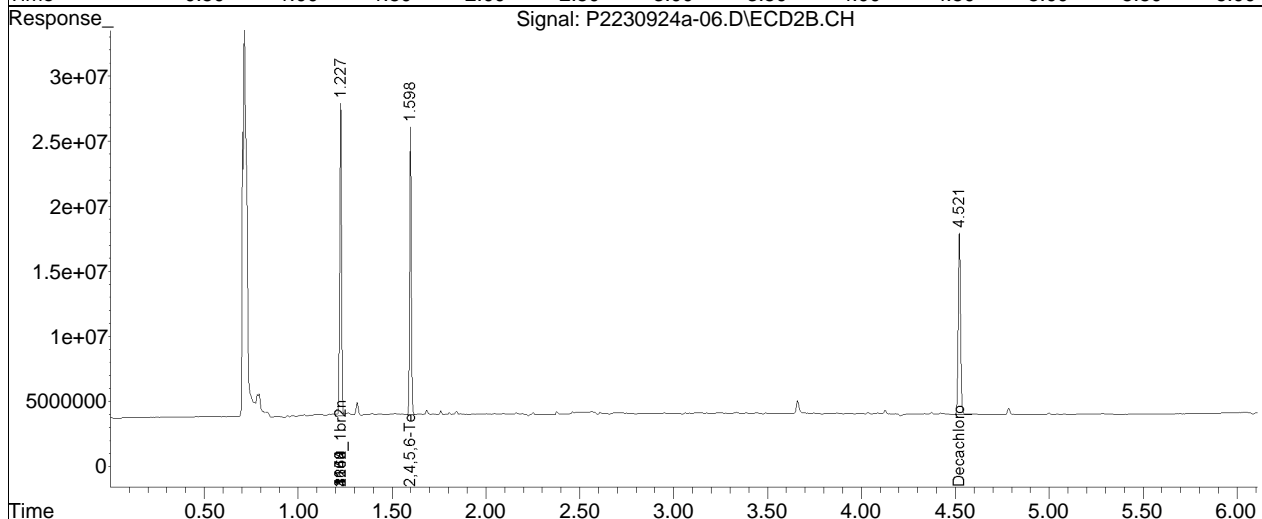
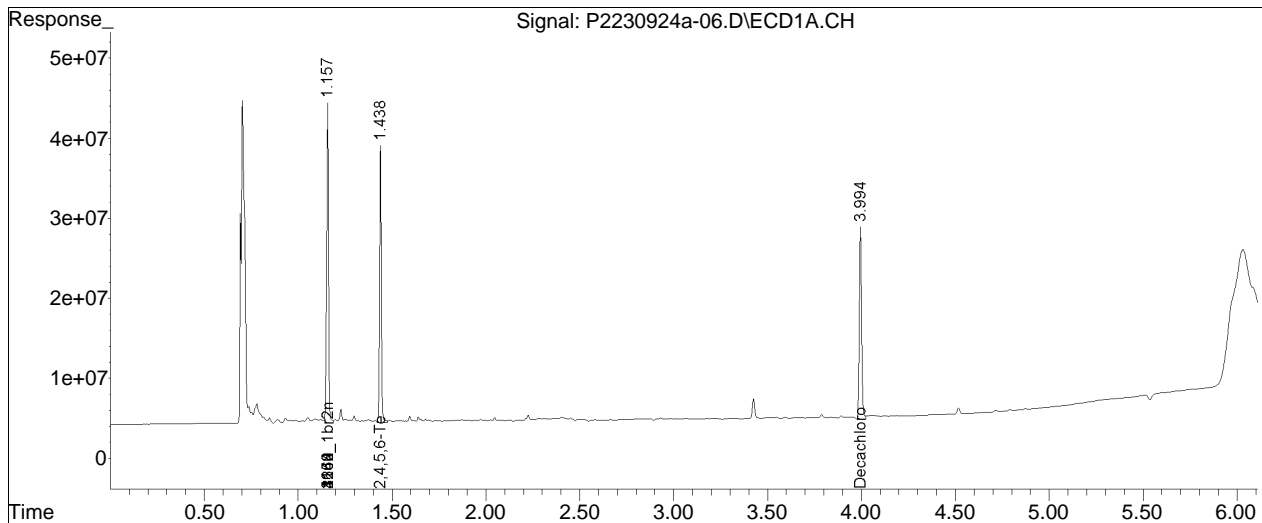


Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\
 Data File : P2230924a-06.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2023 3:39 pm
 Operator : pest2:mco
 Sample : WG1831050-1,42,,
 Misc : wg1831270,WG1831050,ical20286 (Sig #1); wg1831270,WG1830543,ical20
 ALS Vial : 6 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 09:56:39 2023
 Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

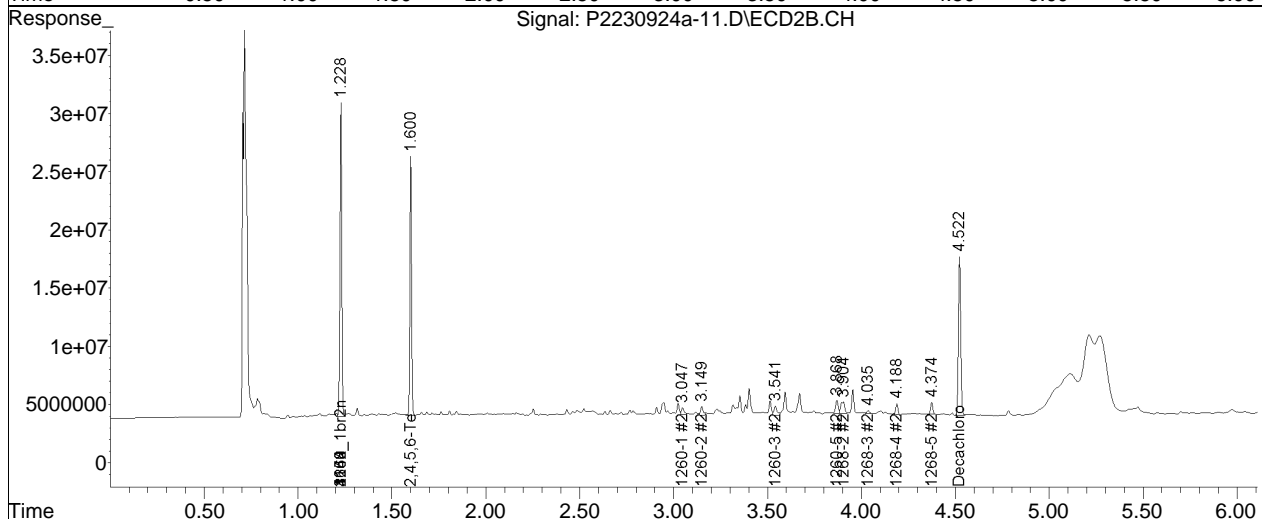
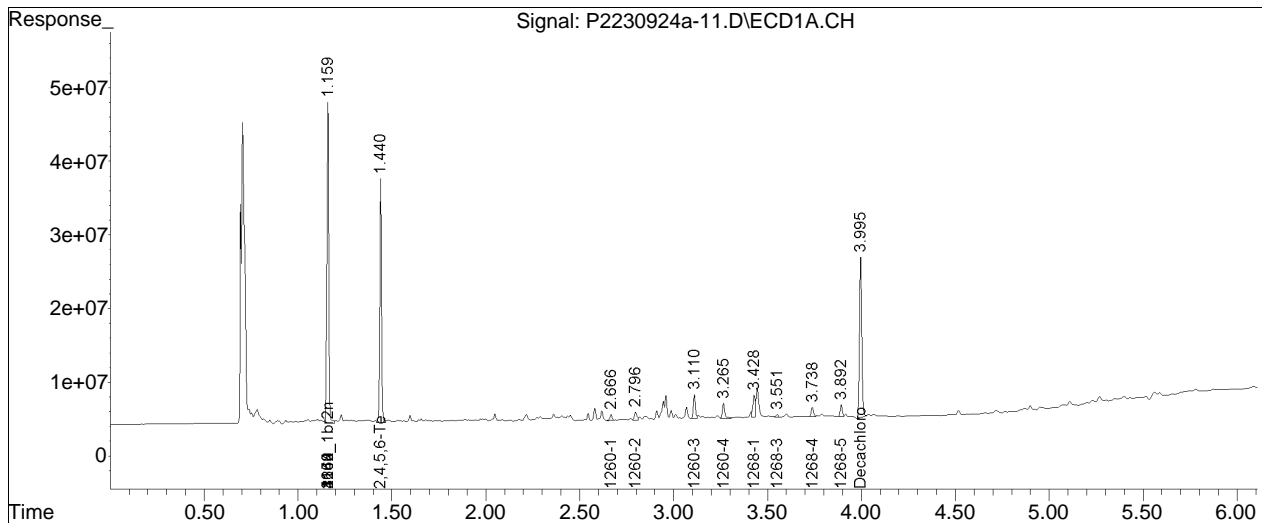


Sub List : Default - All compounds listed P2230924a-02.D••

Data Path : I:\PCB\Pest2\2023\230924a\
 Data File : P2230924a-11.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2023 4:26 pm
 Operator : pest2:mco
 Sample : L2353030-01,42,,
 Misc : wg1831270,WG1831050,ical20286
 ALS Vial : 11 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 10:28:25 2023
 Quant Method : I:\PCB\Pest2\2023\230924A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



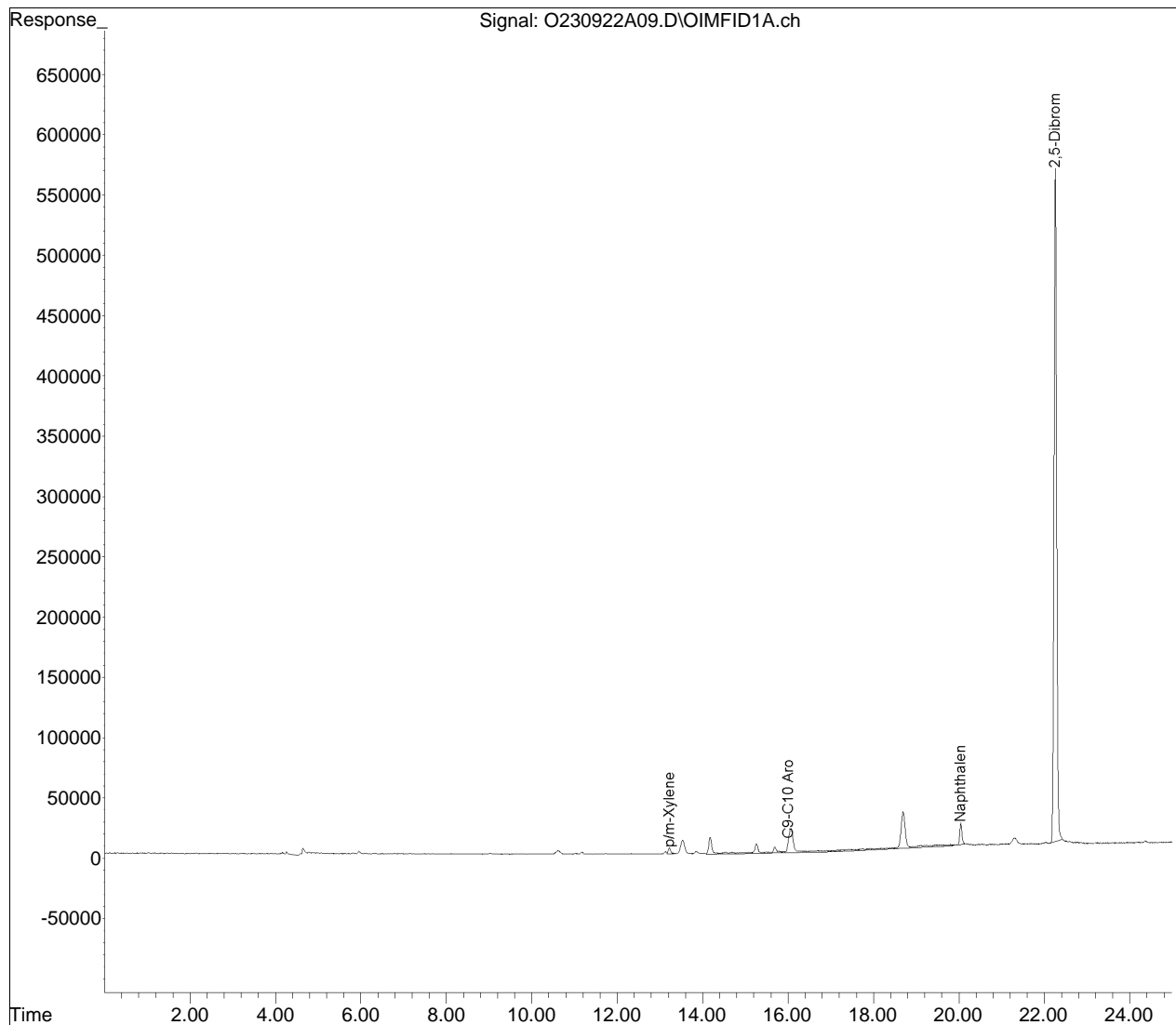
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A09.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20207
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



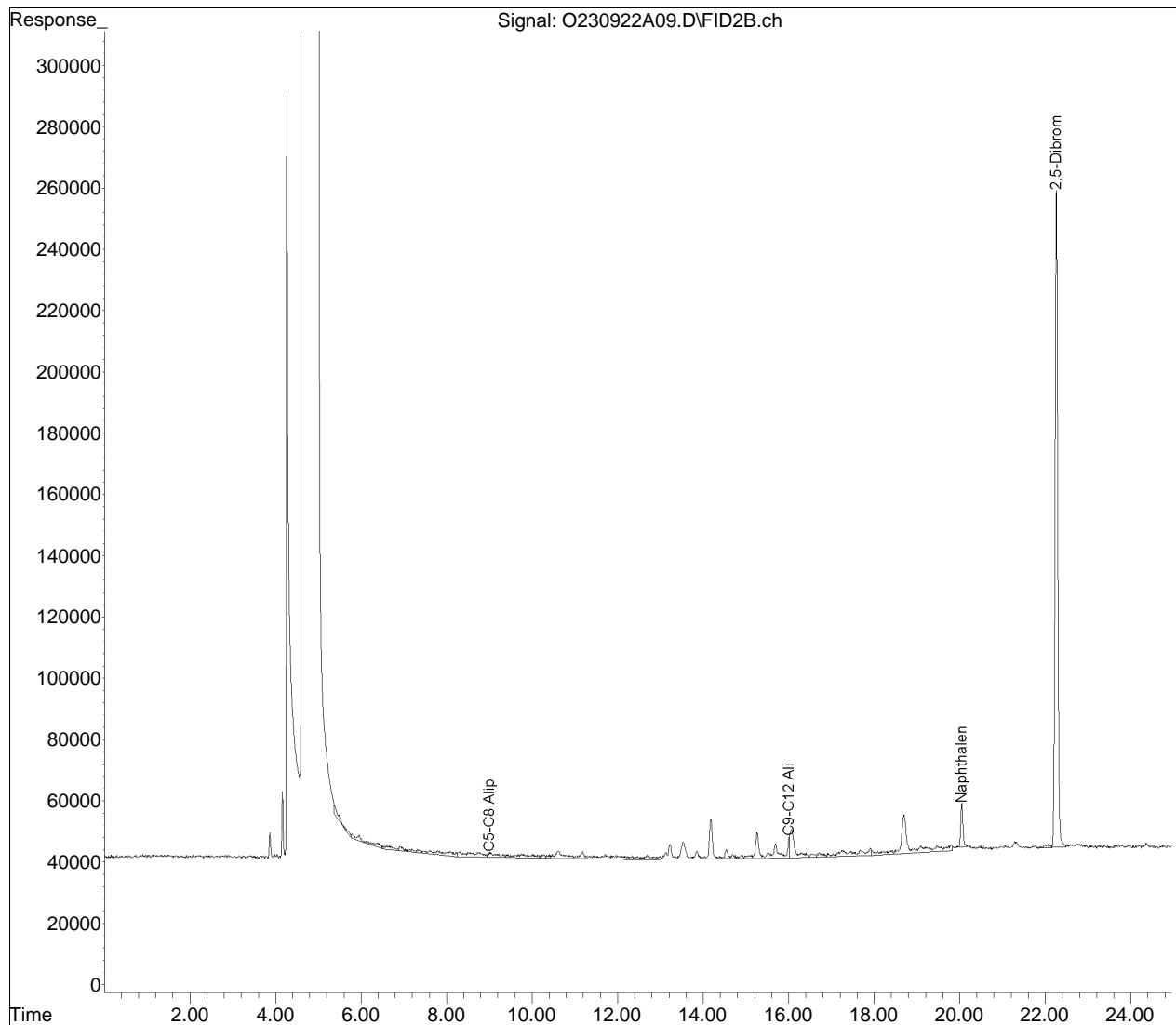
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A09.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20206
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



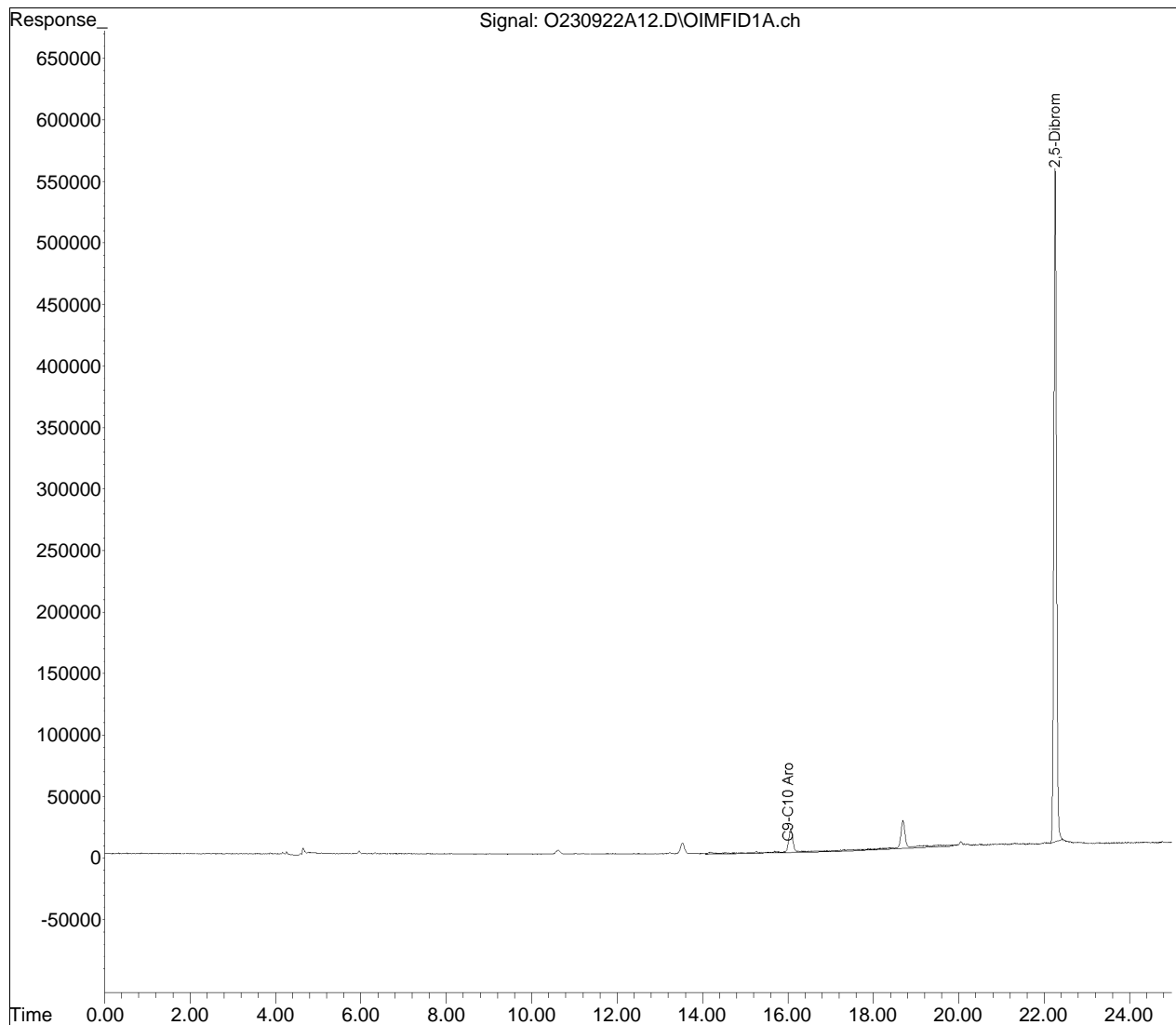
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A12.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 6:35 pm
Operator : OVPH:BAD
Sample : L2353030-01,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:22 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



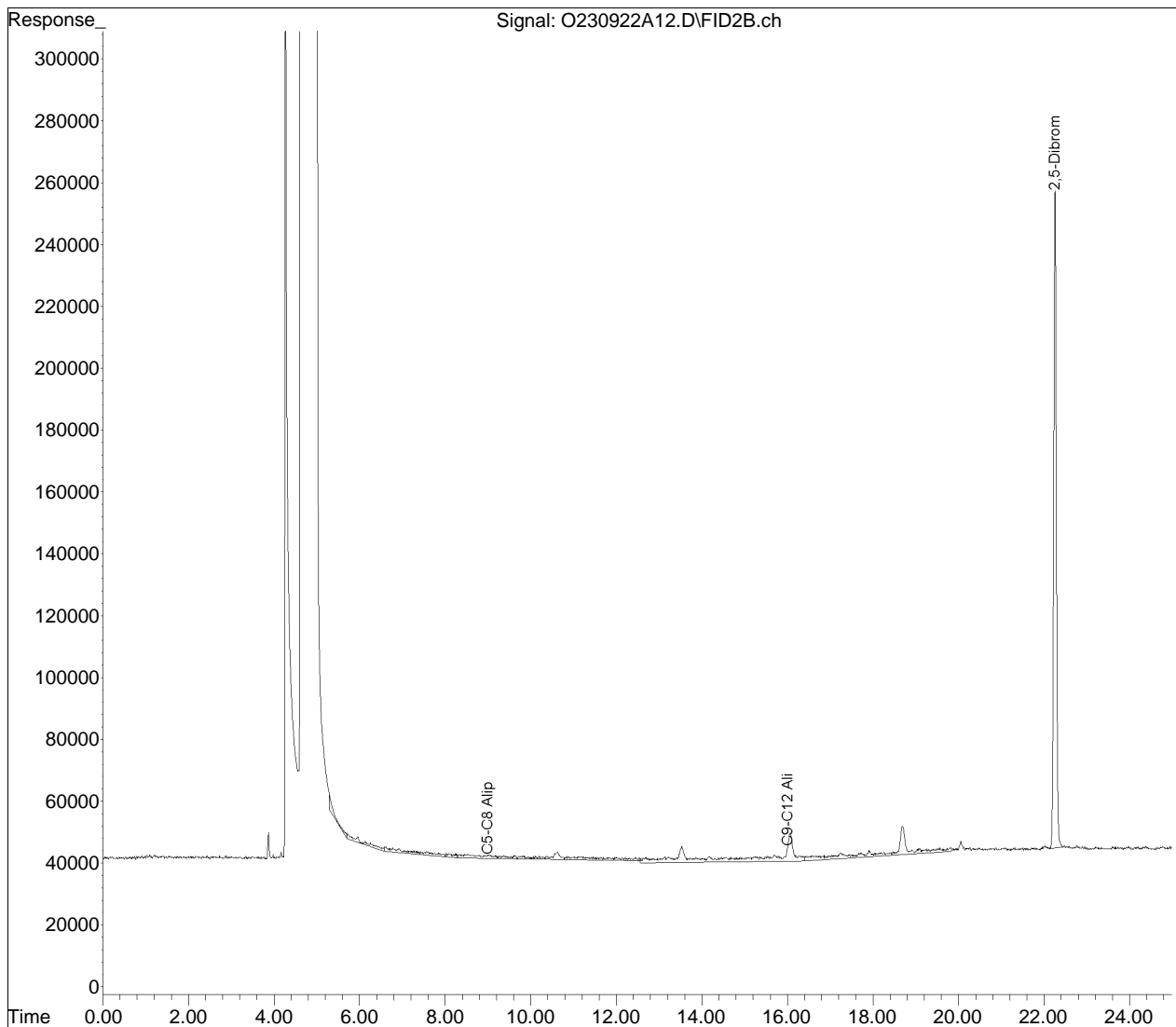
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A12.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 6:35 pm
Operator : OVPH:BAD
Sample : L2353030-01,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:27 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 27, 2023

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : DW 20119 CLIENT PROJECT ID: L2353030

Client Ref: ME

Aerobiology Laboratory Associates, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

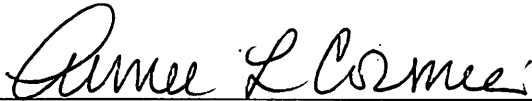
Client Project #: L2353030
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20119
 Method: Drinking Water
 Date Received: 9/13/2023
 Date Analyzed: 9/27/2023
 Date of Report: 9/27/2023

Lab ID	Client ID	Description	Grid Area	# G.O.	Aliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149352	EF-04		0.010	20	0.1	10.05	4		201	40.20	Yes

Comments:

NSD = No Structures Detected



Aimee Cormier, Analyst

TOW 2019



Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

Alpha Job Number
L2353030

Client Information	Project Information	Regulatory Requirements/Report Limits
--------------------	---------------------	---------------------------------------

Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com	Project Location: ME Project Manager: Graham Parker Turnaround & Deliverables Information Due Date: Deliverables:	State/Federal Program: Regulatory Criteria:
--	--	--

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353030	Report to include Method Blank, LCS/LCSD:
---	---

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EF-04	09-12-23 12:15	WATER	Asbestos-TEM	

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>Fred Delcker AAL</i>	<i>9/13/03</i>	<i>Eric W... MA</i>	<i>9/13/03 8:15</i>
<i>Eric W... MA</i>	<i>9/13/03 10:30</i>	<i>Douglas...</i>	<i>9.13.03 10:30</i>

Form No: AL_subcoc

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353030
 Client job site: ME
 Batch No. 20119
 Lab Sample ID 149352
 Client Sample ID EF-04
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 0.1
 Grid Box Location 2484 6E
 Date Logged In 9/14/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 10.05
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: *APC*
 Date Analyzed 9/27/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 6E	B4-6 C4-6 C4-4 E4-4 F3-3 F3-1	NSD ↓						
		1	F	Ch	✓		12.2	.26
		2	F	Ch	✓		13.2	.16
← 7A	C2-1 E2-1	NSD 3 4						
		3	F	Ch	✓		17.4	.05
		4	F	Ch			15.66	.05
	9/27/23 at C F3-1 C3-1 B3-1 B4-3 C4-3 C5-3 9/27/23 F5-1 C5-1 G2-4 G3-4	NSD ↓						
← 7B								

Total Asbestos Str 4

NSD = No Structures Detected F = Fiber

Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 20, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,



Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134334 CLIENT PROJECT ID: L2353032

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353032
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134334
 Date Sampled: 9/12/2023
 Date Received: 9/13/2023
 Date Analyzed: 9/19/2023
 Date of Report: 9/20/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SL-02	N/A	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Soil
 Location: N/A
 Comments: Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SL-01	N/A	0	0	0	0	0	0	2	0	2	0	0	0	96

Description: Soil
 Location: N/A
 Comments: Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
DUPLICATE	N/A	0	0	0	0	0	0	0	0	2	0	0	0	98


Description: Soil
 Location: N/A
 Comments: Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite

Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage



 Thomas Pickett, Analyst

Client Name: Alpha Analytical - Westborough

Client Project #: I2353032

Client Reference: ME

Batch: S 134334

Date Received: 9/13/2023

Date Due: 9/20/2023

Stop on first pos: Yes or No

Batch: S 134334

Sample ID	Description	Analyst	Stereo Scope				Optical Properties					RI		Asbestos Percent					Non-Asbestos Percent									
			SSAPE	Color	Homogeneity	Texture	Frangible	Morphology	Extinction	Elongation	Sign of	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
SL-02	Soil	TP	0	N/A																								
SL-01	Soil	TP	0	N/A																								
DUPLICATE	Soil	TP	0	N/A																								

Analyzed By / Date: [Signature] 9-19-23

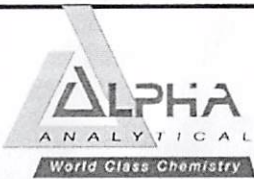
QC By / Date: [Signature]

Fax, Email, Verbal Results By / Date:

of Samples: 3

[Signature]
09/19/23

Comments:



Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

5134334

Alpha Job Number
L2353032

Client Information

Project Information

Regulatory Requirements/Report Limits

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Project Location: ME
Project Manager: Graham Parker

State/Federal Program:

Regulatory Criteria:

Turnaround & Deliverables Information

Phone: 508.439.5160
Email: gparker@alphalab.com

Due Date:
Deliverables:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353032

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SL-02 SL-01 DUPLICATE	09-12-23 11:05 09-12-23 13:25 09-12-23 00:00	SOIL SOIL SOIL	Asbestos-PLM Asbestos-PLM Asbestos-PLM	

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>Faugh Delinger AAL</i>	<i>9/13/23</i>	<i>Eric Woods AAL</i>	<i>9/13/23</i>
<i>Eric Woods AAL</i>	<i>9/13/23 10:03</i>	<i>Davey Leonard</i>	<i>9-13</i>

Form No: AL_subcoc



CHAIN OF CUSTODY

PAGE 1 OF 1

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181
 Fax:
 Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Date Rec'd in Lab: 9/12/23

ALPHA Job #: 9113123
L275 L2353032

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

Asbestos - PLM (Subcontract)	Total Solids - SM 2540															SAMPLE HANDLING Filtration <input type="checkbox"/> Done <input type="checkbox"/> Not Needed <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please specify below)	TOTAL # BOTTLES	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2
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ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
59032-01	SL-02	9/12/13	11:05	SL	AO
02	SL-01	9/12/13	13:25	SL	AO
03	DUPLICATE	9/12/13	0:00	SL	AO

Container Type	G	P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Preservative	A	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	9/12/13 1330	<i>[Signature]</i>	1250723 1330
<i>[Signature]</i>	12 SEP 23 1528	<i>[Signature]</i>	9/12/23 15:28
<i>[Signature]</i>	9/12/23 1600	<i>[Signature]</i>	9/12/23 1600
		<i>[Signature]</i>	9/12/23 2346

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113846

10 Iron Road
 Hermon, Maine 04401

Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
 Falmouth, Maine 04105

FROM: Shipper Alpha TO: Recipient Alpha
 Street 72 Center St Street 8 Walkup Dr
 Origin Brower ME Zip Code 04412 Destination Westboro MA Zip Code 01581
 Phone # _____ Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
18		Cooler			

18 ◀ TOTAL PIECES WEIGHT GRAND TOTAL ▶ TOTAL CHARGES ▶

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature [Signature]

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER PICK-UP TIME 1800 RECIPIENT DELIVERY TIME 23:10
 COURIER SIGNATURE [Signature] DATE 9/12/23 COURIER SIGNATURE [Signature] DATE 9/12/23

RECIPIENT COPY

SCI SPEC PRECLEANED CONTAINERS
Custody Seal Custody Seal Custody Seal Custody Seal
DATE: 8/12/23 SIGNATURE: [Signature] SAC
scispec.com C20000
SCI SPEC PRECLEANED CONTAINERS
C20000 Committed to Quality Since 1963

SCI SPEC PRECLEANED CONTAINERS
Custody Seal Custody Seal Custody Seal Custody Seal
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scispec.com C20000
SCI SPEC PRECLEANED CONTAINERS
C20000 Committed to Quality Since 1963

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C20000 Committed to Quality Since 1963

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scispec.com C20000
SCI SPEC PRECLEANED CONTAINERS
C20000 Committed to Quality Since 1963



ANALYTICAL REPORT

Lab Number:	L2353387
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/28/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353387-01	TRENCH WATER - 01	WATER	WISCASSETT MAINE	09/13/23 12:55	09/13/23
L2353387-02	EQUIPMENT BLANK	WATER	WISCASSETT MAINE	09/13/23 14:00	09/13/23
L2353387-03	TRIP BLANK	WATER	WISCASSETT MAINE	09/13/23 14:00	09/13/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

The WG1829720-3 LCS recoveries, associated with L2353387-01 through -03, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially high bias for tetrahydrofuran (140%) and hexachlorobutadiene (140%).

The WG1829720-3/-4 LCS/LCSD RPD, associated with L2353387-01 through -03, is above the acceptance criteria for hexachlorobutadiene (33%).

Semivolatile Organics

L2353387-01: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353387-01 and -02, are below the acceptance criteria for benzidine (2%/2%), and pyridine (8% LCS); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.

The WG1828057-2 LCS/LCSD recoveries, associated with L2353387-01 and -02, are below the individual acceptance criteria for aniline (25%/23%), but within the overall method allowances. The results of the associated samples are reported; however, all results for these compounds are considered to have a potentially low bias.

Semivolatile Organics by SIM

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Case Narrative (continued)

L2353387-01: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

Solids, Total Suspended

The WG1828615-3 Laboratory Duplicate RPD for solids, total suspended (77%), performed on L2353387-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/28/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 20:58
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	1.2	J	ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	13		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	1.9	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	89		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	107		70-130

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 20:33
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	0.27	J	ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	0.54	J	ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	0.99	J	ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	75		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	11		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	1.5	J	ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	130		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	4.5		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	103		70-130

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-03
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 20:08
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-03
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-03
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	106		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1829720-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1829720-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1829720-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1829720-3 WG1829720-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	92		92		70-130	0		20
Chloroform	96		99		70-130	3		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	92		94		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		25
Trichlorofluoromethane	85		83		62-150	2		20
1,2-Dichloroethane	78		81		70-130	4		20
1,1,1-Trichloroethane	96		98		67-130	2		20
Bromodichloromethane	96		96		67-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,1,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		25
Toluene	110		110		70-130	0		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	55		51		39-139	8		20
Vinyl chloride	79		78		55-140	1		20
Chloroethane	73		74		55-138	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1829720-3 WG1829720-4								
1,1-Dichloroethene	110		110		61-145	0		25
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	98		98		70-130	0		25
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	98		100		70-130	2		20
1,2,3-Trichloropropane	97		95		64-130	2		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	91		93		36-147	2		20
Acetone	120		130		58-148	8		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	110		120		63-138	9		20
4-Methyl-2-pentanone	95		99		59-130	4		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	140	Q	120		58-130	15		20
2,2-Dichloropropane	96		94		63-133	2		20
1,2-Dibromoethane	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1829720-3 WG1829720-4								
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	100		95		53-136	5		20
sec-Butylbenzene	100		96		70-130	4		20
tert-Butylbenzene	100		96		70-130	4		20
o-Chlorotoluene	100		96		70-130	4		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	140	Q	100		63-130	33	Q	20
Isopropylbenzene	100		96		70-130	4		20
p-Isopropyltoluene	100		96		70-130	4		20
Naphthalene	91		86		70-130	6		20
n-Propylbenzene	100		97		69-130	3		20
1,2,3-Trichlorobenzene	110		97		70-130	13		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,3,5-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
Ethyl ether	95		99		59-134	4		20
Diisopropyl Ether	120		120		70-130	0		20
Tert-Butyl Alcohol	126		130		70-130	3		20
Ethyl-Tert-Butyl-Ether	93		96		70-130	3		20

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1829720-3 WG1829720-4								
Tertiary-Amyl Methyl Ether	98		100		66-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	106		103		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	96		98		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 01:01
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	100	41.	1
1,2,4-Trichlorobenzene	ND		ug/l	25	2.9	1
Bis(2-chloroethyl)ether	ND		ug/l	10	4.4	1
1,2-Dichlorobenzene	ND		ug/l	10	3.2	1
1,3-Dichlorobenzene	ND		ug/l	10	3.2	1
1,4-Dichlorobenzene	ND		ug/l	10	2.3	1
3,3'-Dichlorobenzidine	ND		ug/l	25	4.3	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
2,6-Dinitrotoluene	ND		ug/l	25	1.8	1
Azobenzene	ND		ug/l	10	4.0	1
4-Chlorophenyl phenyl ether	ND		ug/l	10	4.0	1
4-Bromophenyl phenyl ether	ND		ug/l	10	3.2	1
Bis(2-chloroisopropyl)ether	ND		ug/l	10	8.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	25	7.4	1
Hexachlorocyclopentadiene	ND		ug/l	100	3.0	1
Isophorone	ND		ug/l	25	3.3	1
Nitrobenzene	ND		ug/l	10	3.3	1
NDPA/DPA	ND		ug/l	10	3.2	1
n-Nitrosodi-n-propylamine	ND		ug/l	25	3.8	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	15	7.6	1
Butyl benzyl phthalate	ND		ug/l	25	11.	1
Di-n-butylphthalate	ND		ug/l	25	2.9	1
Di-n-octylphthalate	ND		ug/l	25	12.	1
Diethyl phthalate	ND		ug/l	25	22.	1
Dimethyl phthalate	ND		ug/l	25	22.	1
Biphenyl	ND		ug/l	10	3.2	1
Aniline	ND		ug/l	10	2.4	1
4-Chloroaniline	ND		ug/l	25	3.2	1

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	25	2.6	1
3-Nitroaniline	ND		ug/l	25	2.9	1
4-Nitroaniline	ND		ug/l	25	2.9	1
Dibenzofuran	ND		ug/l	10	4.1	1
n-Nitrosodimethylamine	ND		ug/l	10	2.6	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
p-Chloro-m-cresol	ND		ug/l	10	2.0	1
2-Chlorophenol	ND		ug/l	10	2.0	1
2,4-Dichlorophenol	ND		ug/l	25	2.6	1
2,4-Dimethylphenol	ND		ug/l	25	5.5	1
2-Nitrophenol	ND		ug/l	50	2.3	1
4-Nitrophenol	ND		ug/l	50	5.7	1
2,4-Dinitrophenol	ND		ug/l	100	18.	1
4,6-Dinitro-o-cresol	ND		ug/l	50	27.	1
Phenol	ND		ug/l	25	6.5	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Benzoic Acid	ND		ug/l	250	64.	1
Benzyl Alcohol	ND		ug/l	10	3.5	1
Carbazole	ND		ug/l	10	3.8	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	74		41-149

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 13:21
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.50	0.18	1
2-Chloronaphthalene	ND		ug/l	1.0	0.18	1
Fluoranthene	0.42	J	ug/l	0.50	0.19	1
Hexachlorobutadiene	ND		ug/l	2.5	0.18	1
Naphthalene	ND		ug/l	0.50	0.22	1
Benzo(a)anthracene	0.20	J	ug/l	0.50	0.09	1
Benzo(a)pyrene	ND		ug/l	0.50	0.20	1
Benzo(b)fluoranthene	0.25	J	ug/l	0.50	0.08	1
Benzo(k)fluoranthene	ND		ug/l	0.50	0.21	1
Chrysene	0.19	J	ug/l	0.50	0.19	1
Acenaphthylene	ND		ug/l	0.50	0.18	1
Anthracene	ND		ug/l	0.50	0.18	1
Benzo(ghi)perylene	ND		ug/l	0.50	0.21	1
Fluorene	ND		ug/l	0.50	0.18	1
Phenanthrene	0.26	J	ug/l	0.50	0.08	1
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.20	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.50	0.20	1
Pyrene	0.34	J	ug/l	0.50	0.20	1
1-Methylnaphthalene	ND		ug/l	0.50	0.20	1
2-Methylnaphthalene	ND		ug/l	0.50	0.22	1
Pentachlorophenol	ND		ug/l	4.0	1.1	1
Hexachlorobenzene	ND		ug/l	4.0	0.16	1
Hexachloroethane	ND		ug/l	4.0	0.15	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	77		41-149

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 00:13
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	83		41-149

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 13:54
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	91		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828057-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828057-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828057-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1828058-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1828058-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828057-2 WG1828057-3								
Acenaphthene	70		69		37-111	1		30
Benidine	2	Q	2	Q	10-75	15		30
1,2,4-Trichlorobenzene	62		65		39-98	5		30
Hexachlorobenzene	65		65		40-140	0		30
Bis(2-chloroethyl)ether	66		71		40-140	7		30
2-Chloronaphthalene	68		68		40-140	0		30
1,2-Dichlorobenzene	59		65		40-140	10		30
1,3-Dichlorobenzene	57		62		40-140	8		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	86		84		48-143	2		30
2,6-Dinitrotoluene	80		79		40-140	1		30
Azobenzene	79		77		40-140	3		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	72		71		40-140	1		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	56		58		40-140	4		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorobutadiene	58		60		40-140	3		30
Hexachlorocyclopentadiene	52		52		40-140	0		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	79		82		40-140	4		30
Naphthalene	65		66		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828057-2 WG1828057-3								
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	76		74		40-140	3		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		30
Butyl benzyl phthalate	84		82		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	85		83		40-140	2		30
Diethyl phthalate	82		80		40-140	2		30
Dimethyl phthalate	76		76		40-140	0		30
Benzo(a)anthracene	76		73		40-140	4		30
Benzo(a)pyrene	81		77		40-140	5		30
Benzo(b)fluoranthene	74		70		40-140	6		30
Benzo(k)fluoranthene	73		71		40-140	3		30
Chrysene	73		71		40-140	3		30
Acenaphthylene	80		78		45-123	3		30
Anthracene	73		72		40-140	1		30
Benzo(ghi)perylene	73		72		40-140	1		30
Fluorene	74		73		40-140	1		30
Phenanthrene	70		70		40-140	0		30
Dibenzo(a,h)anthracene	73		73		40-140	0		30
Indeno(1,2,3-cd)pyrene	91		90		40-140	1		30
Pyrene	73		71		26-127	3		30
Biphenyl	72		72		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828057-2 WG1828057-3								
Aniline	25	Q	23	Q	40-140	8		30
4-Chloroaniline	61		55		40-140	10		30
1-Methylnaphthalene	66		67		41-103	2		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	74		70		25-145	6		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	72		72		40-140	0		30
2-Methylnaphthalene	68		68		40-140	0		30
n-Nitrosodimethylamine	41		42		22-74	2		30
2,4,6-Trichlorophenol	79		78		30-130	1		30
p-Chloro-m-cresol	79		77		23-97	3		30
2-Chlorophenol	70		71		27-123	1		30
2,4-Dichlorophenol	76		80		30-130	5		30
2,4-Dimethylphenol	57		58		30-130	2		30
2-Nitrophenol	90		92		30-130	2		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	94		98		20-130	4		30
4,6-Dinitro-o-cresol	97		95		20-164	2		30
Pentachlorophenol	75		76		9-103	1		30
Phenol	34		34		12-110	0		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	63		63		30-130	0		30
2,4,5-Trichlorophenol	77		77		30-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353387

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828057-2 WG1828057-3								
Benzoic Acid	38		38		10-164	0		30
Benzyl Alcohol	68		70		26-116	3		30
Carbazole	78		75		55-144	4		30
Pyridine	8	Q	10		10-66	13		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		49		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	71		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1828058-2 WG1828058-3								
Acenaphthene	72		69		40-140	4		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	81		79		40-140	3		40
Hexachlorobutadiene	66		64		40-140	3		40
Naphthalene	71		68		40-140	4		40
Benzo(a)anthracene	82		77		40-140	6		40
Benzo(a)pyrene	88		83		40-140	6		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	77		72		40-140	7		40
Acenaphthylene	84		83		40-140	1		40
Anthracene	80		76		40-140	5		40
Benzo(ghi)perylene	78		73		40-140	7		40
Fluorene	76		74		40-140	3		40
Phenanthrene	73		70		40-140	4		40
Dibenzo(a,h)anthracene	86		82		40-140	5		40
Indeno(1,2,3-cd)pyrene	100		95		40-140	5		40
Pyrene	82		80		40-140	2		40
1-Methylnaphthalene	71		69		40-140	3		40
2-Methylnaphthalene	76		73		40-140	4		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	64		59		40-140	8		40
Hexachloroethane	71		69		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1828058-2 WG1828058-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		51		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	86		84		23-120
2-Fluorobiphenyl	75		73		15-120
2,4,6-Tribromophenol	57		56		10-120
4-Terphenyl-d14	84		84		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 22:06
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	100		70-130
2,5-Dibromotoluene-FID	101		70-130

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/25/23 10:40
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 16:58
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/24/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	121		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	121		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	93		40-140
o-Terphenyl	89		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	79		40-140

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 22:36
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	99		70-130
2,5-Dibromotoluene-FID	100		70-130

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/25/23 11:15
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 16:58
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/24/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	91		40-140
2-Fluorobiphenyl	84		40-140
2-Bromonaphthalene	86		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/24/23 14:40
Analyst: SC

Extraction Method: EPA 3510C
Extraction Date: 09/23/23 13:58
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG1831152-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/22/23 17:05
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG1831574-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1831152-2 WG1831152-3								
C9-C18 Aliphatics	66		67		40-140	2		25
C19-C36 Aliphatics	76		77		40-140	1		25
C11-C22 Aromatics	75		76		40-140	1		25
Naphthalene	69		71		40-140	3		25
2-Methylnaphthalene	71		73		40-140	3		25
Acenaphthylene	70		71		40-140	1		25
Acenaphthene	72		73		40-140	1		25
Fluorene	72		73		40-140	1		25
Phenanthrene	71		71		40-140	0		25
Anthracene	72		72		40-140	0		25
Fluoranthene	72		72		40-140	0		25
Pyrene	71		72		40-140	1		25
Benzo(a)anthracene	72		73		40-140	1		25
Chrysene	72		73		40-140	1		25
Benzo(b)fluoranthene	70		71		40-140	1		25
Benzo(k)fluoranthene	68		69		40-140	1		25
Benzo(a)pyrene	74		75		40-140	1		25
Indeno(1,2,3-cd)Pyrene	74		77		40-140	4		25
Dibenzo(a,h)anthracene	73		75		40-140	3		25
Benzo(ghi)perylene	72		75		40-140	4		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1831152-2 WG1831152-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	68		69		40-140
o-Terphenyl	66		68		40-140
2-Fluorobiphenyl	77		77		40-140
2-Bromonaphthalene	78		79		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1831574-2 WG1831574-3								
C5-C8 Aliphatics	107		113		70-130	5		25
C9-C12 Aliphatics	107		112		70-130	5		25
C9-C10 Aromatics	103		109		70-130	6		25
Benzene	105		111		70-130	6		25
Toluene	106		112		70-130	6		25
Ethylbenzene	107		113		70-130	5		25
p/m-Xylene	105		111		70-130	6		25
o-Xylene	106		112		70-130	6		25
Methyl tert butyl ether	107		116		70-130	8		25
Naphthalene	105		113		70-130	7		25
1,2,4-Trimethylbenzene	103		109		70-130	6		25
Pentane	109		115		70-130	5		25
2-Methylpentane	108		114		70-130	5		25
2,2,4-Trimethylpentane	105		110		70-130	5		25
n-Nonane	105		110		30-130	5		25
n-Decane	108		113		70-130	5		25
n-Butylcyclohexane	107		112		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	114		114		70-130
2,5-Dibromotoluene-FID	113		113		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-01
 Client ID: TRENCH WATER - 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 12:55
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/27/23 00:13
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/25/23 23:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/26/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	B
Aroclor 1260	0.051	J	ug/l	0.250	0.032	1	B
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	0.039	J	ug/l	0.250	0.034	1	B
PCBs, Total	0.089	J	ug/l	0.250	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02
 Client ID: EQUIPMENT BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/27/23 00:22
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/25/23 23:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/26/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	ND		ug/l	0.250	0.032	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	ND		ug/l	0.250	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/26/23 23:44
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 23:47
Cleanup Method: EPA 3665A
Cleanup Date: 09/26/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1831828-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	101		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1831828-2 WG1831828-3									
Aroclor 1016	76		81		40-140	6		50	A
Aroclor 1260	73		79		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		81		30-150	A
Decachlorobiphenyl	87		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		86		30-150	B
Decachlorobiphenyl	103		98		30-150	B



METALS

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-02

Date Collected: 09/13/23 14:00

Client ID: EQUIPMENT BLANK

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Barium, Total	0.00068		mg/l	0.00050	0.00017	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/15/23 11:09	09/26/23 14:23	EPA 7470A	1,7470A	RJP
Nickel, Total	ND		mg/l	0.00200	0.00055	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Sodium, Total	ND		mg/l	0.100	0.0293	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	09/15/23 10:12	09/26/23 18:33	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1827820-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/15/23 10:12	09/26/23 18:28	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/15/23 10:12	09/26/23 18:28	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Calcium, Total	ND	mg/l	0.100	0.0394	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/15/23 10:12	09/15/23 15:27	1,6020B	SMV

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02 Batch: WG1827823-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/15/23 11:09	09/26/23 14:16	1,7470A	RJP

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1827820-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	103		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	108		-		80-120	-		
Cadmium, Total	104		-		80-120	-		
Calcium, Total	80		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	105		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	107		-		80-120	-		
Magnesium, Total	99		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	97		-		80-120	-		
Potassium, Total	104		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	107		-		80-120	-		
Sodium, Total	108		-		80-120	-		
Thallium, Total	112		-		80-120	-		
Vanadium, Total	99		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353387

Report Date: 09/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1827820-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02 Batch: WG1827823-2					
Mercury, Total	90	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1827823-3 QC Sample: L2353387-02 Client ID: EQUIPMENT BLANK												
Mercury, Total	ND	0.005	0.00480	96		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353387

Report Date: 09/28/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02 QC Batch ID: WG1827823-4 QC Sample: L2353387-02 Client ID: EQUIPMENT BLANK						
Mercury, Total	ND	ND	mg/l	NC		20

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353387

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353387-01

Date Collected: 09/13/23 12:55

Client ID: TRENCH WATER - 01

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	250		mg/l	10	NA	2	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353387-02

Date Collected: 09/13/23 14:00

Client ID: EQUIPMENT BLANK

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1828615-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG1828615-2								
Solids, Total Suspended	98		-		80-120	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353387

Report Date: 09/28/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1828615-3 QC Sample: L2353387-01 Client ID: TRENCH WATER - 01						
Solids, Total Suspended	250	560	mg/l	77	Q	32

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact
E	Present/Intact
F	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353387-01A	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-8260(14)
L2353387-01B	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-8260(14)
L2353387-01C	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-8260(14)
L2353387-01D	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-VPH-18(14)
L2353387-01E	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-VPH-18(14)
L2353387-01F	Vial HCl preserved	D	NA		4.5	Y	Present/Intact		ME-VPH-18(14)
L2353387-01G	Amber 120ml unpreserved	D	7	7	4.5	Y	Present/Intact		PCB-8082-LVI(365)
L2353387-01H	Amber 120ml unpreserved	D	7	7	4.5	Y	Present/Intact		PCB-8082-LVI(365)
L2353387-01I	Plastic 950ml unpreserved	D	7	7	4.5	Y	Present/Intact		TSS-2540(7)
L2353387-01J	Amber 1000ml unpreserved	D	7	7	4.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-01K	Amber 1000ml unpreserved	D	7	7	4.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-01L	Amber 1000ml HCl preserved	D	<2	<2	4.5	Y	Present/Intact		EPH-20(14)
L2353387-01M	Amber 1000ml HCl preserved	D	<2	<2	4.5	Y	Present/Intact		EPH-20(14)
L2353387-02A	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-8260(14)
L2353387-02B	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-8260(14)
L2353387-02C	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-8260(14)
L2353387-02D	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-VPH-18(14)

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353387-02E	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-VPH-18(14)
L2353387-02F	Vial HCl preserved	B	NA		3.0	Y	Present/Intact		ME-VPH-18(14)
L2353387-02G	Amber 120ml unpreserved	B	7	7	3.0	Y	Present/Intact		PCB-8082-LVI(365)
L2353387-02H	Amber 120ml unpreserved	B	7	7	3.0	Y	Present/Intact		PCB-8082-LVI(365)
L2353387-02I	Plastic 250ml HNO3 preserved	B	<2	<2	3.0	Y	Present/Intact		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2353387-02J	Plastic 950ml unpreserved	B	7	7	3.0	Y	Present/Intact		TSS-2540(7)
L2353387-02K	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-02L	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-02M	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-02N	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353387-02O	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353387-02P	Amber 1000ml unpreserved	B	7	7	3.0	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353387-02Q	Amber 1000ml HCl preserved	B	<2	<2	3.0	Y	Present/Intact		EPH-20(14)
L2353387-02R	Amber 1000ml HCl preserved	B	<2	<2	3.0	Y	Present/Intact		EPH-20(14)
L2353387-03A	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03B	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03C	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03D	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03E	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03F	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03G	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03H	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03I	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353387-03J	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:09282317:30
Lab Number: L2353387
Report Date: 09/28/23

Container Information

Container ID **Container Type**

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
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Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
Report Date: 09/28/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353387
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353387**Project Number:** Not Specified**Report Date:** 09/28/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181

Fax: Standard Rush (ONLY IF PRE-APPROVED)
 Email: Finn.whiting@maine.gov
 These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:
 danielle.obery@maine.gov & finn.whiting@maine.gov

Project Information

Project Name: Mason Station

Project Location: Wiscassett Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Due Date: Time:

Date Rec'd in Lab: 9/13/23 ALPHA Job #: L2353387

Report Information Data Deliverables

FAX EMAIL
 ADEX Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

	VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)						
53387-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
-03	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53387-01	Trench water - 01	9/13/23	12:55	E	FW
-02	EQUIPMENT BLANK	13 SEP 23	14:00	X 1	FW
-03	TRIP BLANK	13 SEP 23	14:00	X 1	FW
	TRIP BLANK	14 SEP 23	14:00	X 1	FW
	TRIP BLANK		14:00	X 1	FW
	TRIP BLANK		14:00	X 1	FW

Neat product

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By: Apri Bedea Date/Time: 9/13/23 14:00
CLP 13 SEP 23 Date/Time: 13 SEP 23 14:00
Henny Bogley etc Date/Time: 9/13/23 14:00
9/13/23 14:00 Date/Time: 9/13/23 14:00

Received By: CLP Date/Time: 13 SEP 23 14:00
Henny Bogley etc Date/Time: 9/13/23 14:00
9/13/23 14:00 Date/Time: 9/13/23 14:00

9/13/23 2356

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113848

10 Iron Road
 Hermon, Maine 04401

Special _____
 Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
 Falmouth, Maine 04105

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street: <u>72 Center St</u>	Street: <u>811 Main Drive</u>
Origin: <u>Brewer ME</u> Zip Code: <u>04412</u>	Destination: <u>Waltham MA</u> Zip Code: <u>01581</u>
Phone # _____	Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
10		Cooler			
10	◀ TOTAL PIECES	WEIGHT GRAND TOTAL ▶	TOTAL CHARGES ▶		

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature Henry B. ...

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER SIGNATURE <u>S. King</u>	PICK-UP TIME <u>9:00</u>	RECIPIENT SIGNATURE <u>[Signature]</u>	DELIVERY TIME
DATE <u>9/13/23</u>	COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/13/23</u>	

RECIPIENT COPY



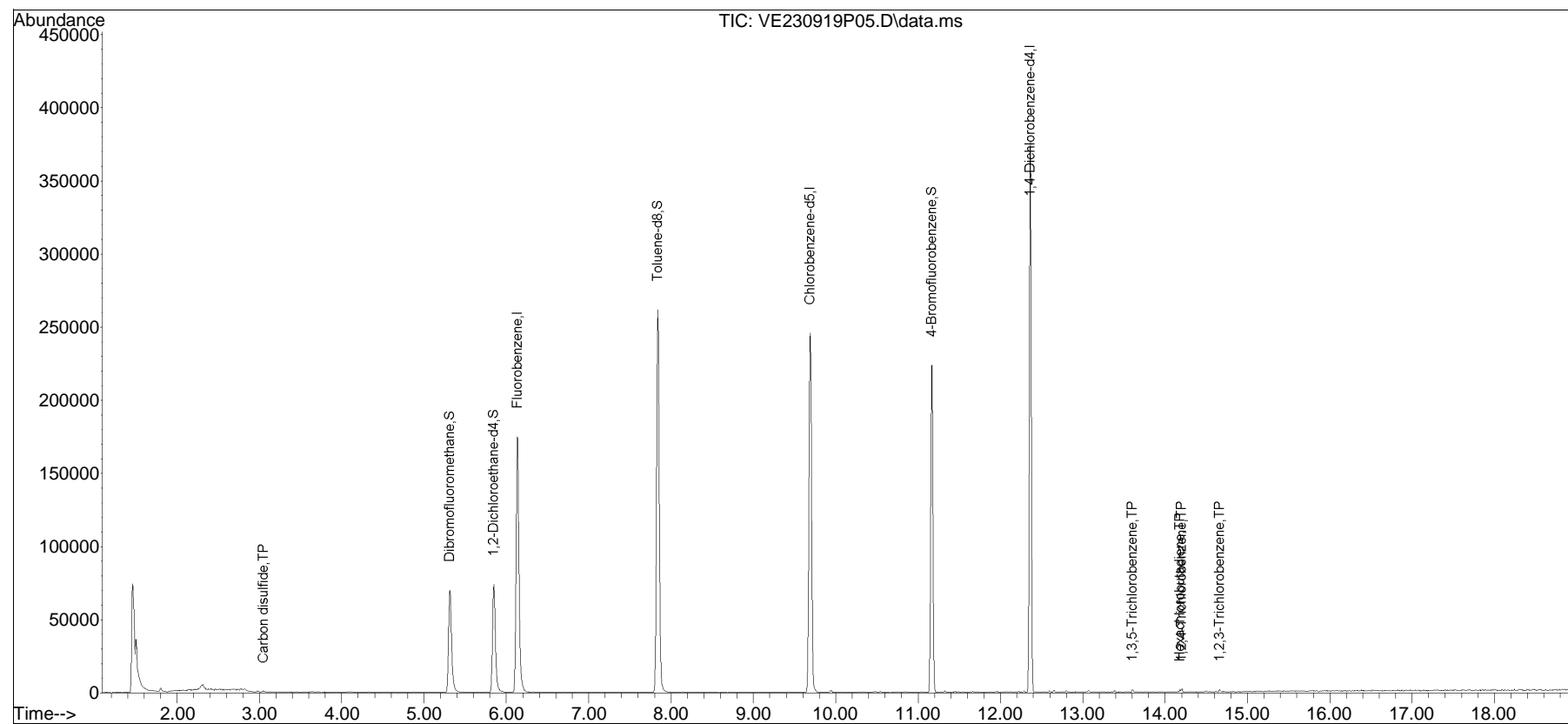


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P05.D
Acq On : 19 Sep 2023 7:43 pm
Operator : ELAINE:TMS
Sample : WG1829720-5,31,10,10
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 20:07:16 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

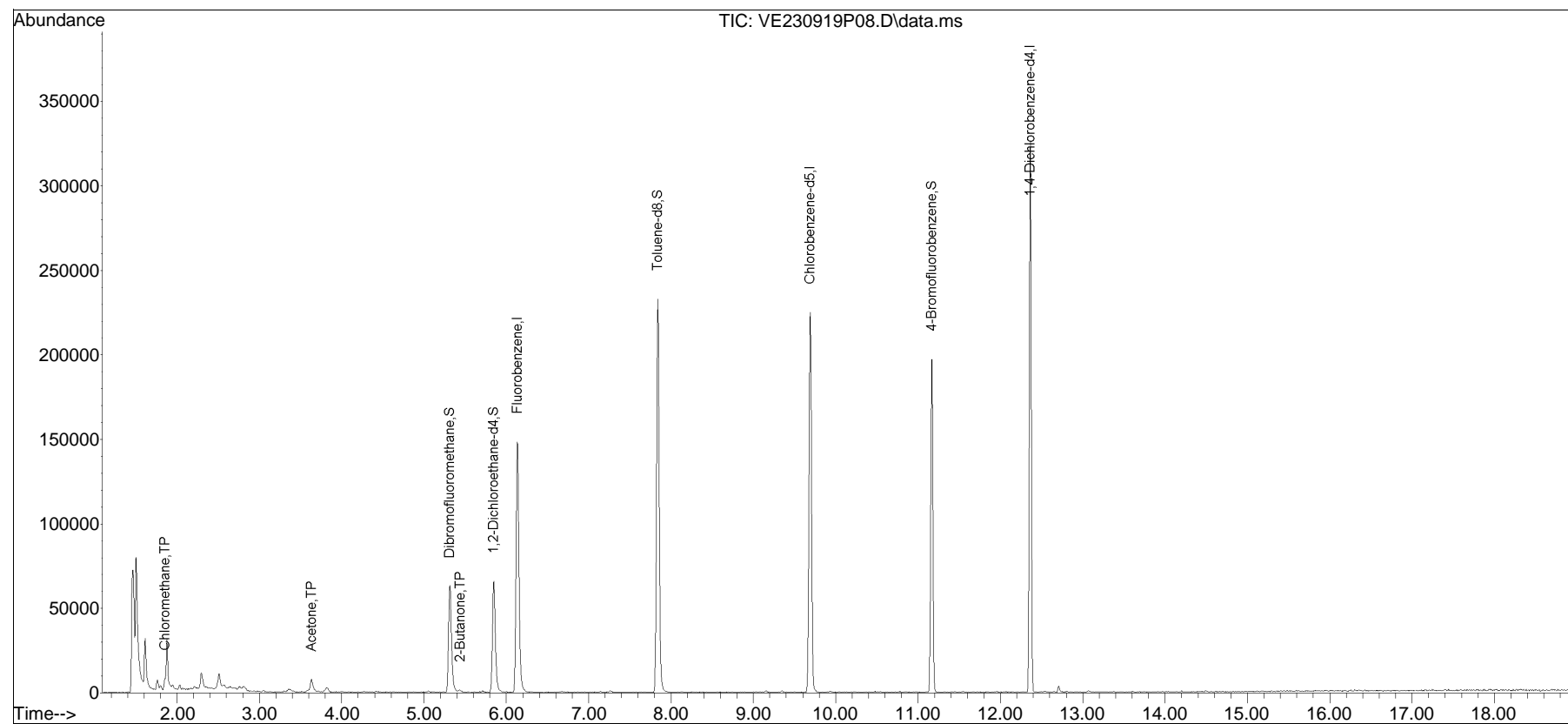


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P08.D
Acq On : 19 Sep 2023 8:58 pm
Operator : ELAINE:MKS
Sample : L2353387-01,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 10:22:55 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

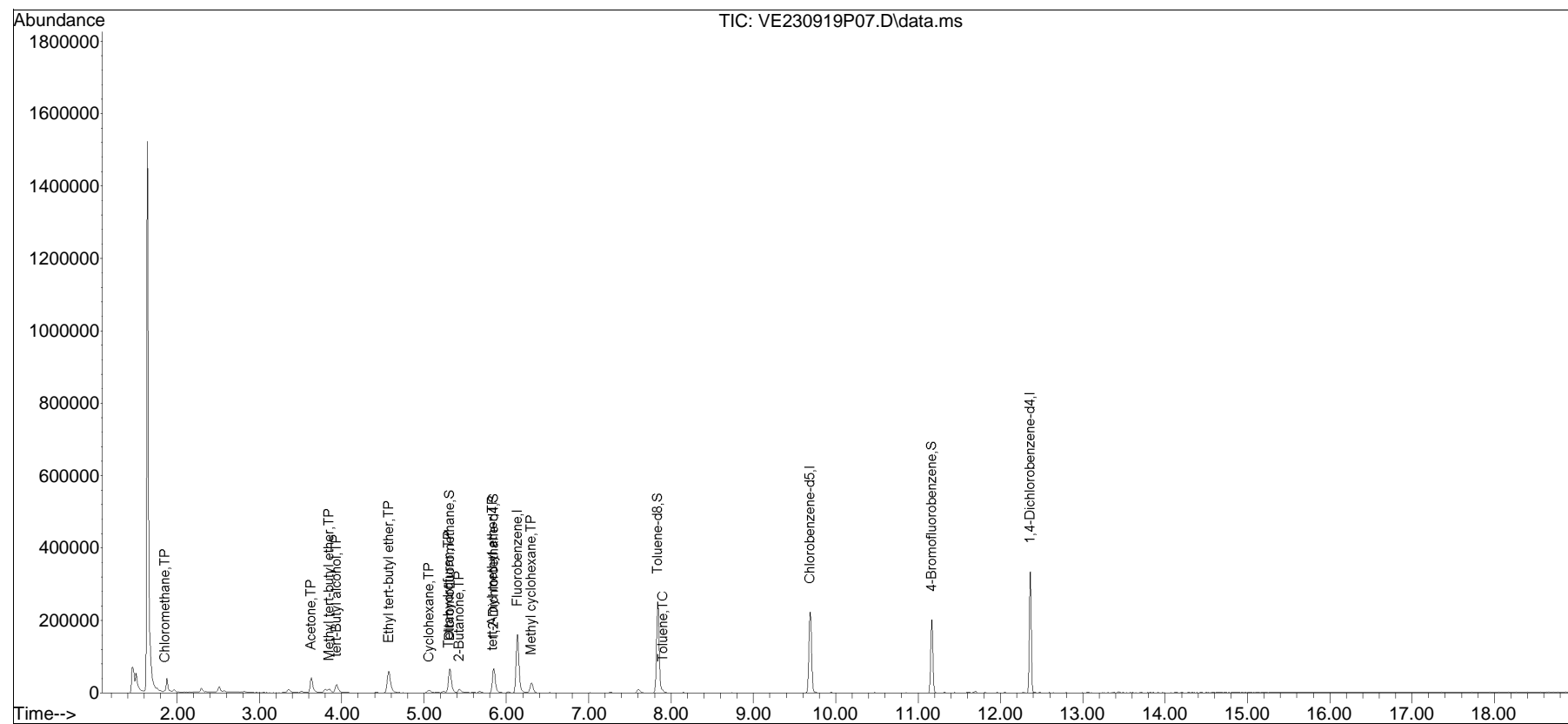


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P07.D
Acq On : 19 Sep 2023 8:33 pm
Operator : ELAINE:MKS
Sample : L2353387-02,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 10:22:17 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

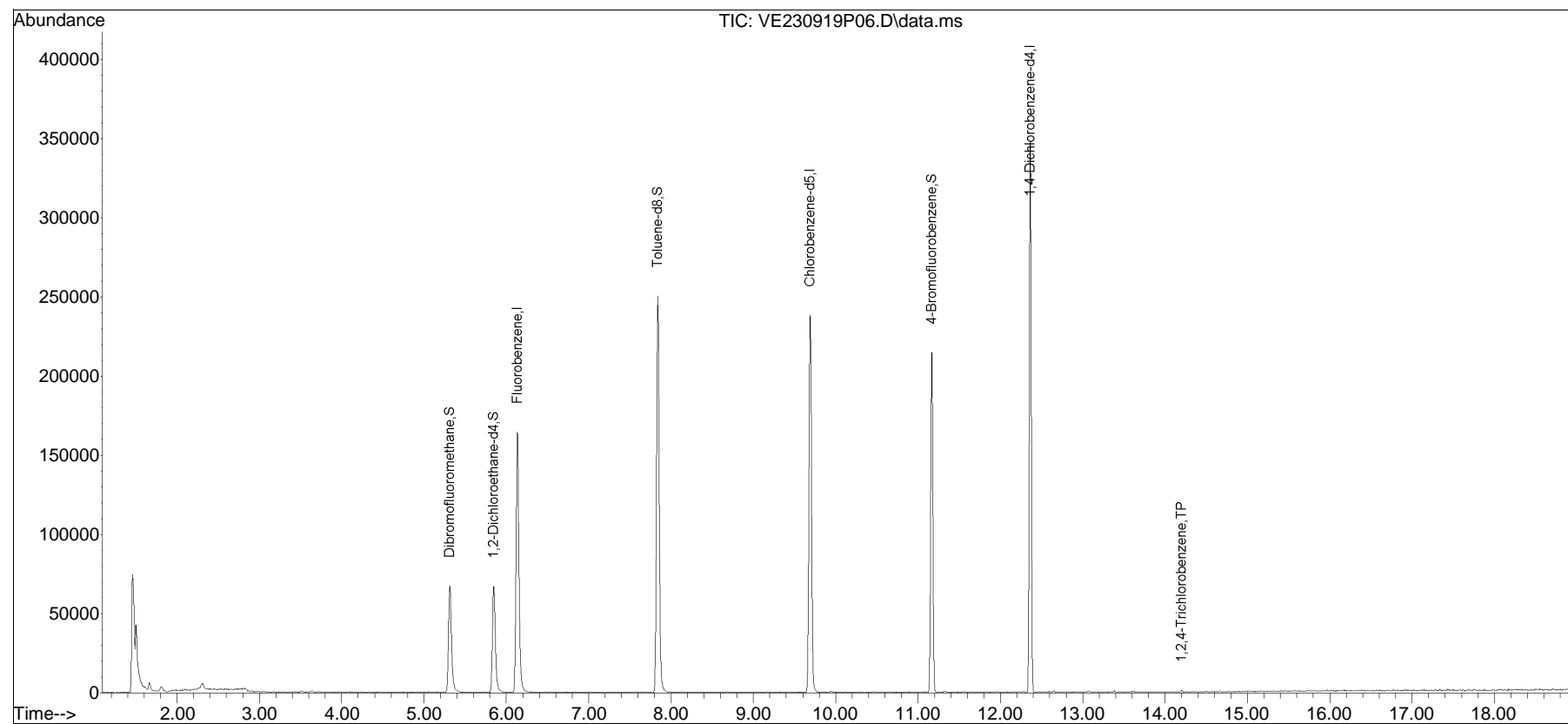


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P06.D
Acq On : 19 Sep 2023 8:08 pm
Operator : ELAINE:MKS
Sample : L2353387-03,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 09:27:59 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

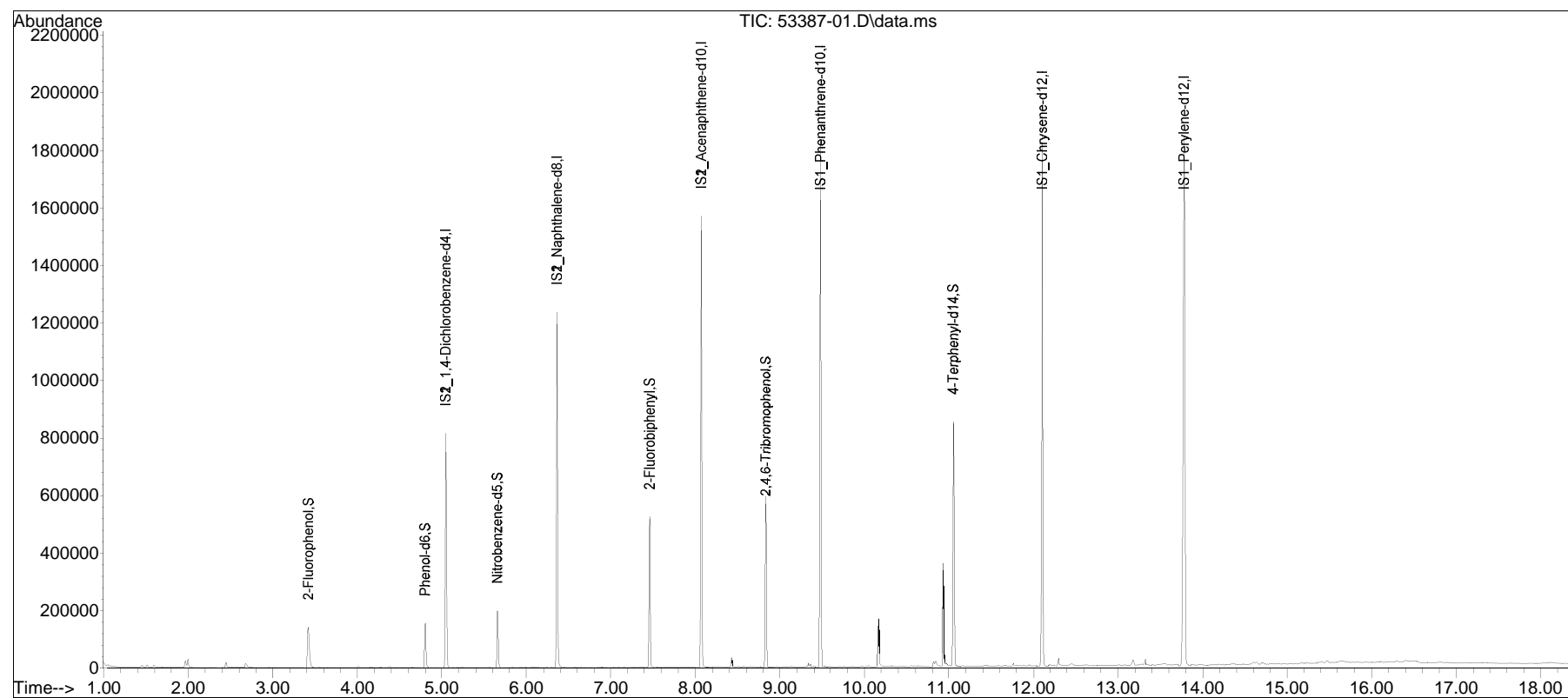


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919\
Data File : 53387-01.D
Acq On : 20 Sep 2023 1:01 am
Operator : Mork:als
Sample : L2353387-01,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 11:41:44 2023
Quant Method : I:\8270\mork\230919\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 01:24:20 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

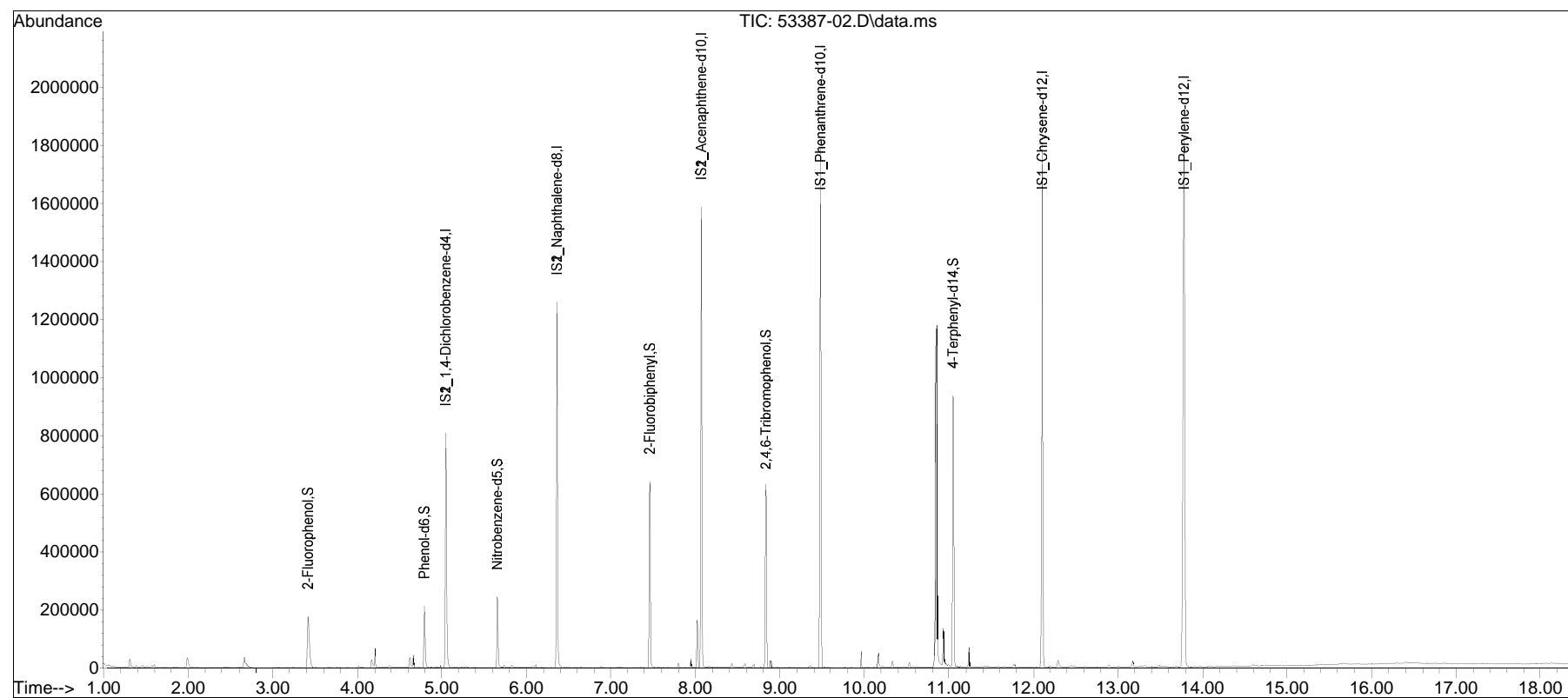


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919n\
Data File : 53387-02.D
Acq On : 20 Sep 2023 12:13 am
Operator : Mork:als
Sample : L2353387-02,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 11:42:28 2023
Quant Method : I:\8270\mork\230919n\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 00:33:13 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

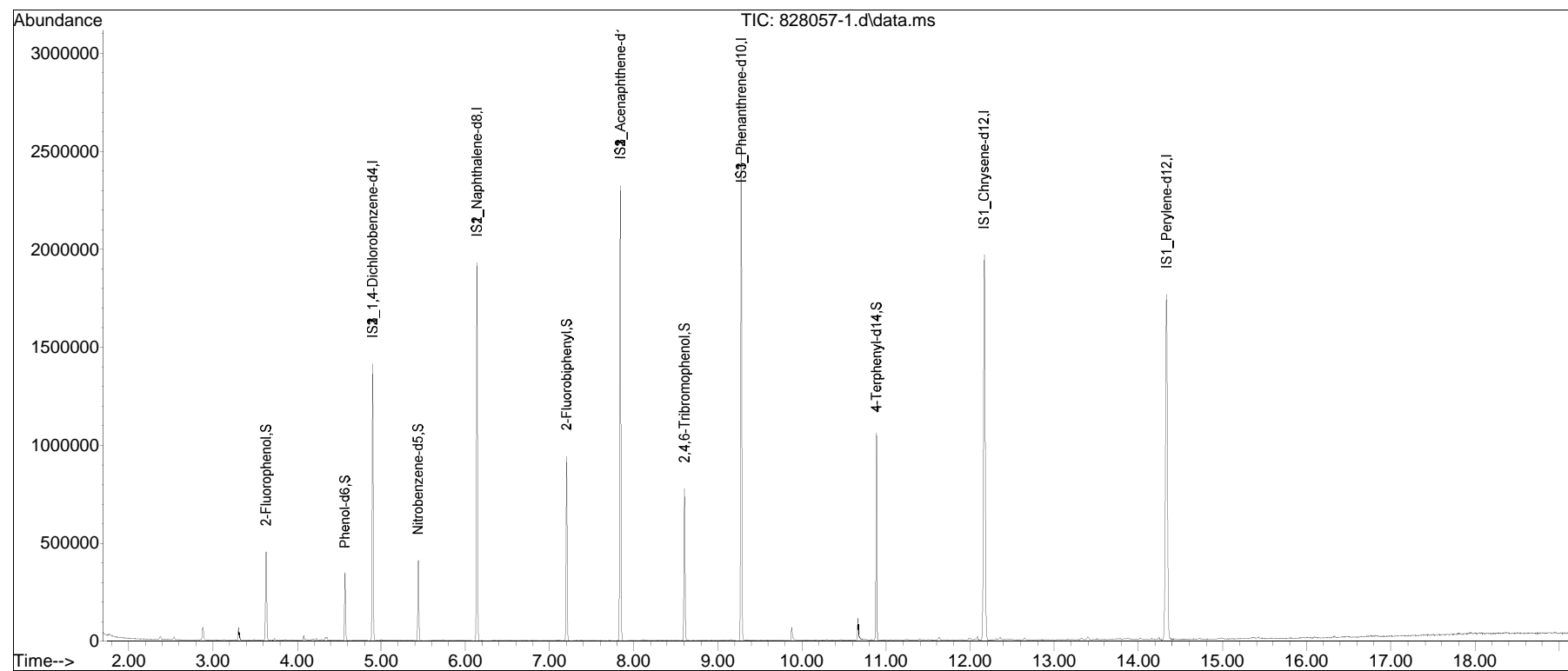


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 828057-1.d
Acq On : 16 Sep 2023 12:20 pm
Operator : SV103:cmm
Sample : WG1828057-1,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:41:23 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 12:40:34 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAa\AP90916.d••

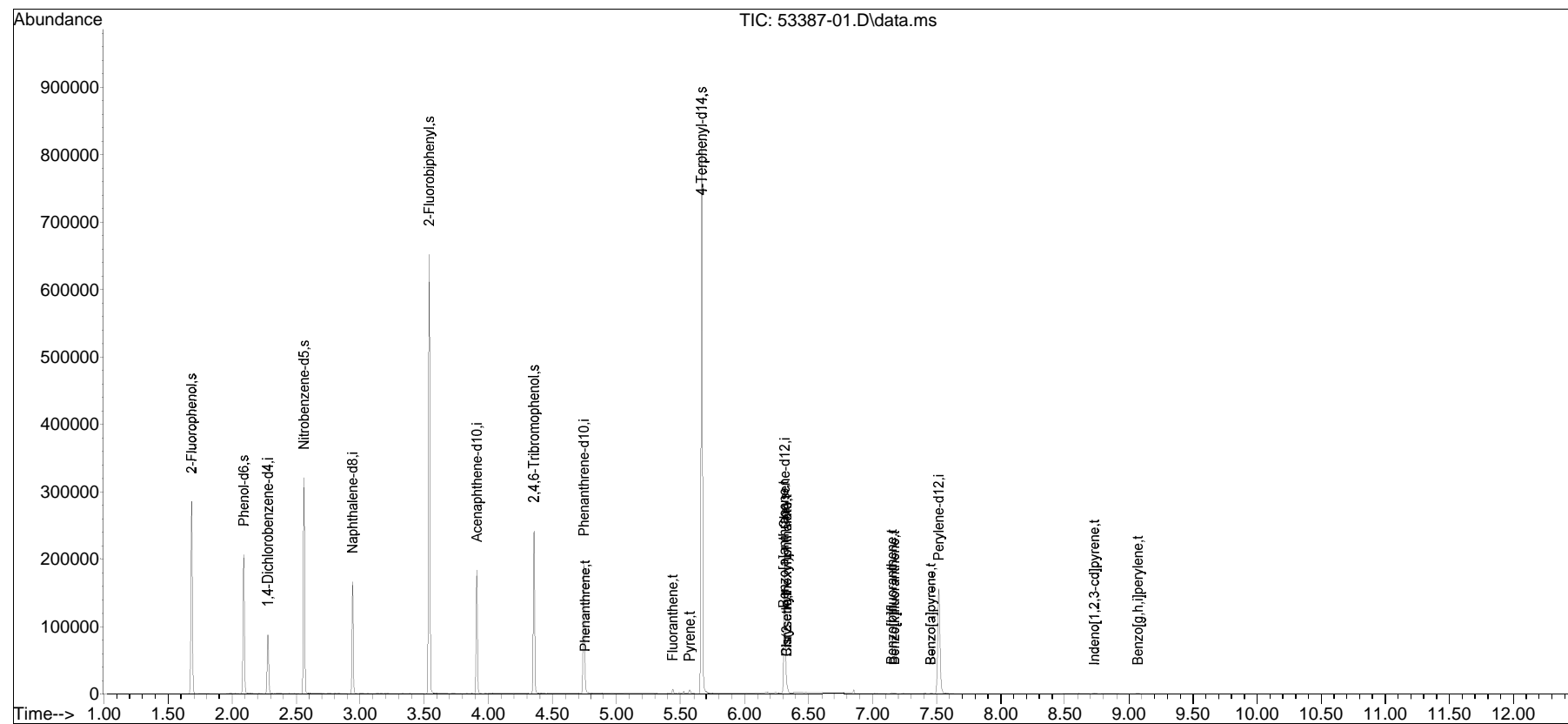


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53387-01.D
 Acq On : 17 Sep 2023 01:21 pm
 Operator : SV120:dv
 Sample : L2353387-01,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 25 12:18:39 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

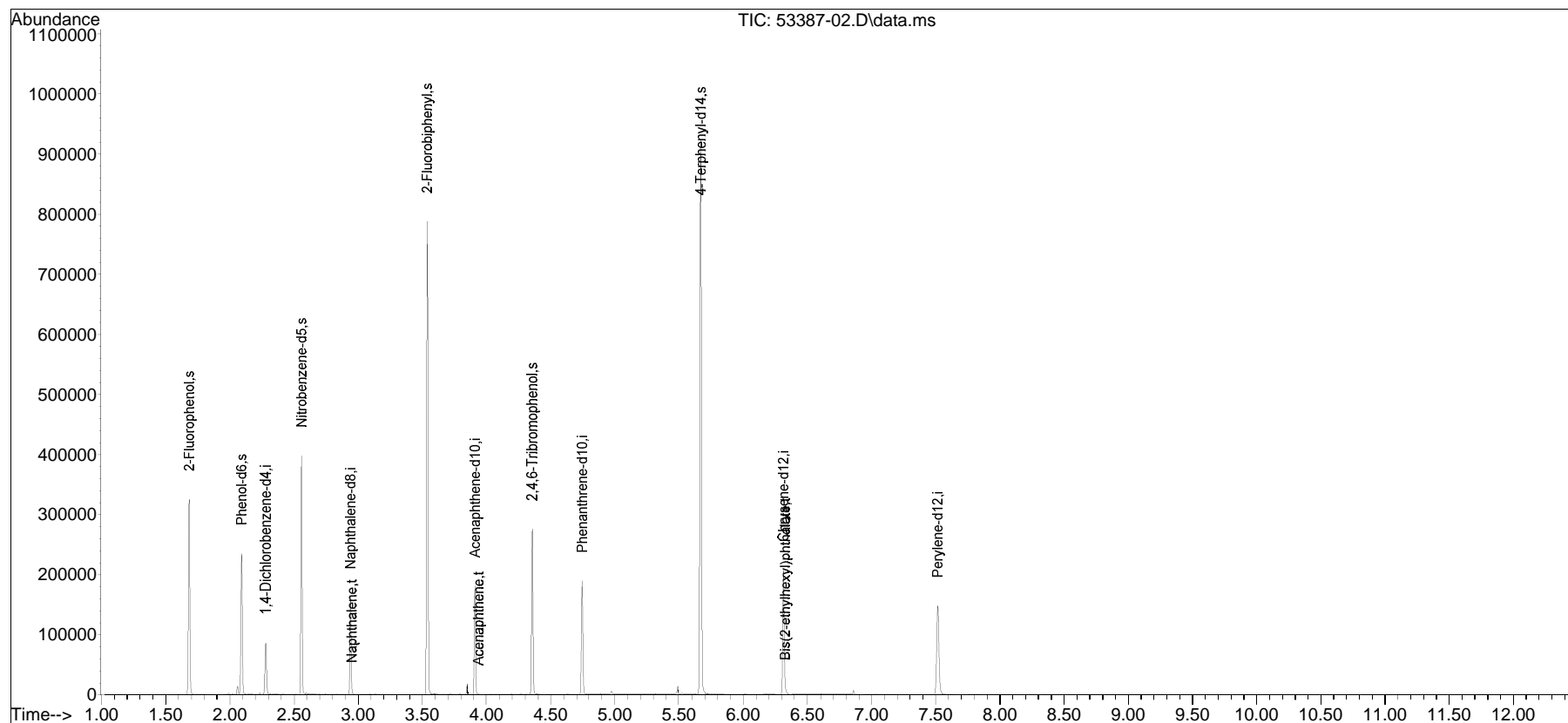


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
Data File : 53387-02.D
Acq On : 17 Sep 2023 01:54 pm
Operator : SV120:dv
Sample : L2353387-02,32,,ah
Misc : WG1828398,wg1828058,ical19770
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 25 12:19:30 2023
Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 17 07:55:27 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

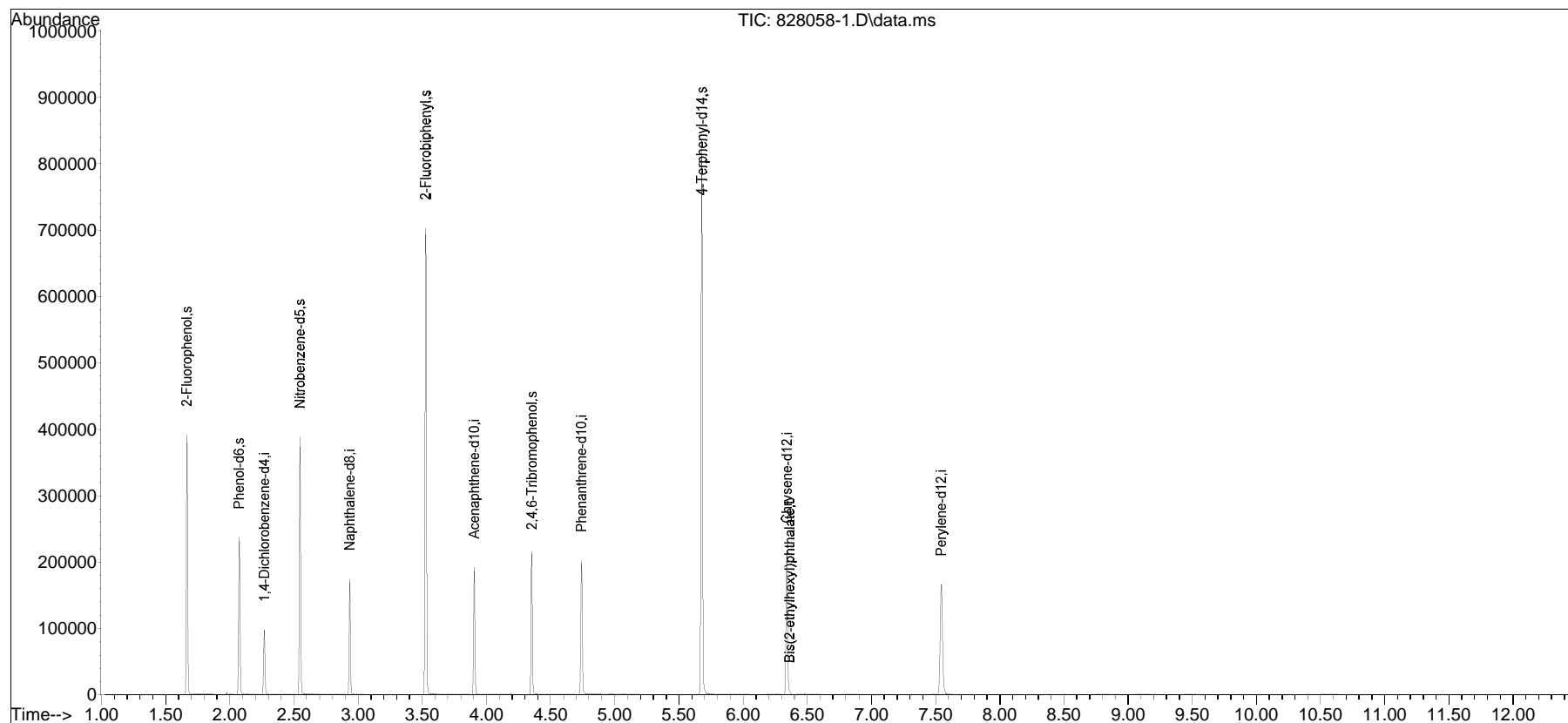


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230916ST\
Data File : 828058-1.D
Acq On : 16 Sep 2023 06:05 pm
Operator : SV120:jjw
Sample : WG1828058-1,32,,rp
Misc : WG1828348,WG1828058,ical19770
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 10:40:49 2023
Quant Method : I:\8270sim\sv120\230916ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:42:13 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0916a.D•

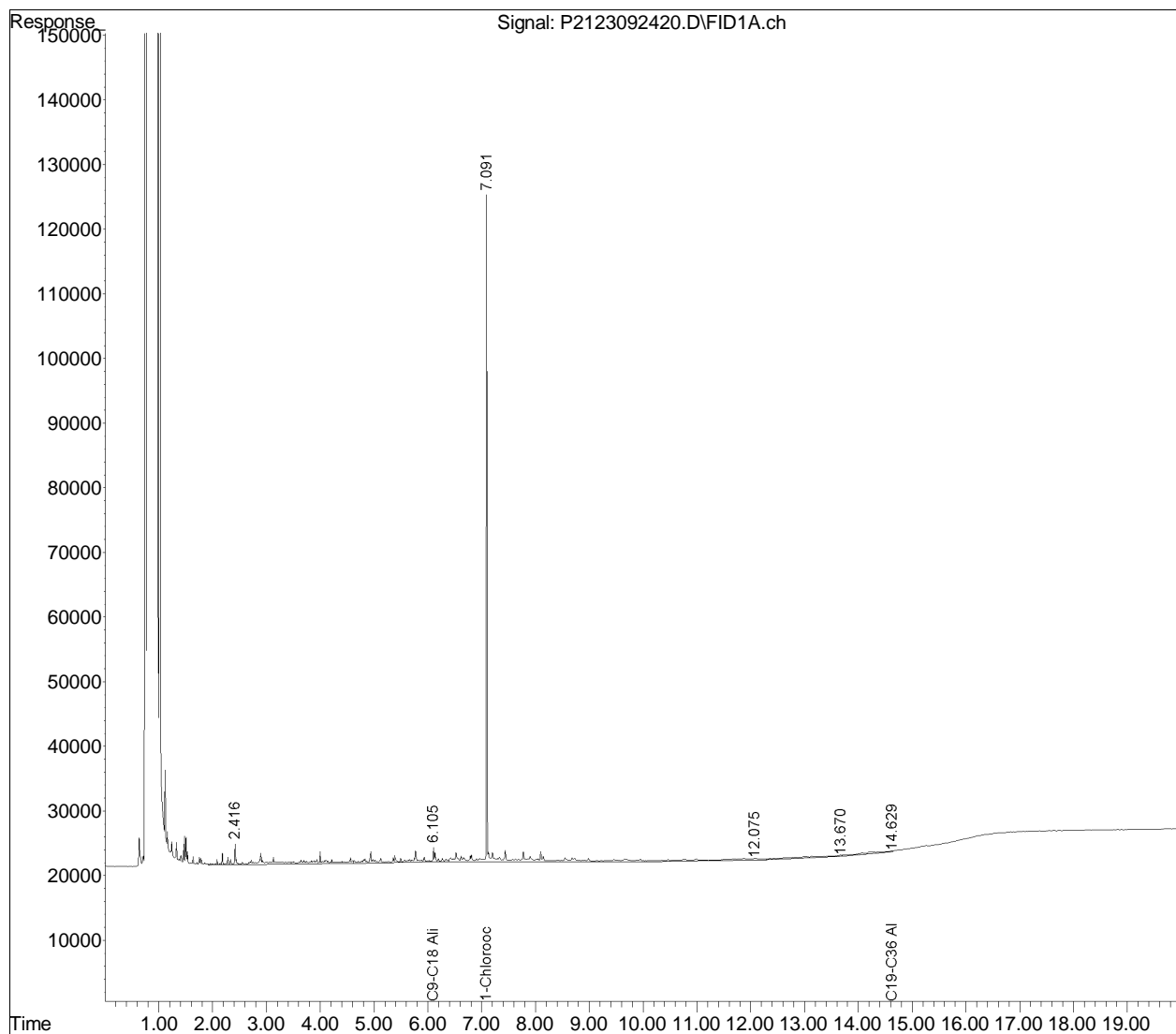


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230924\
Data File : P2123092420.D
Signal(s) : FID1A.ch
Acq On : 24 Sep 2023 2:40 pm
Operator : Petro21a:sc
Sample : WG1831152-1,eph20-e,,
Misc : WG1831282,WG1831152,ical18505
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 11:37:11 2023
Quant Method : I:\PETRO\Petro21\2023\230924\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sun Sep 24 10:33:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

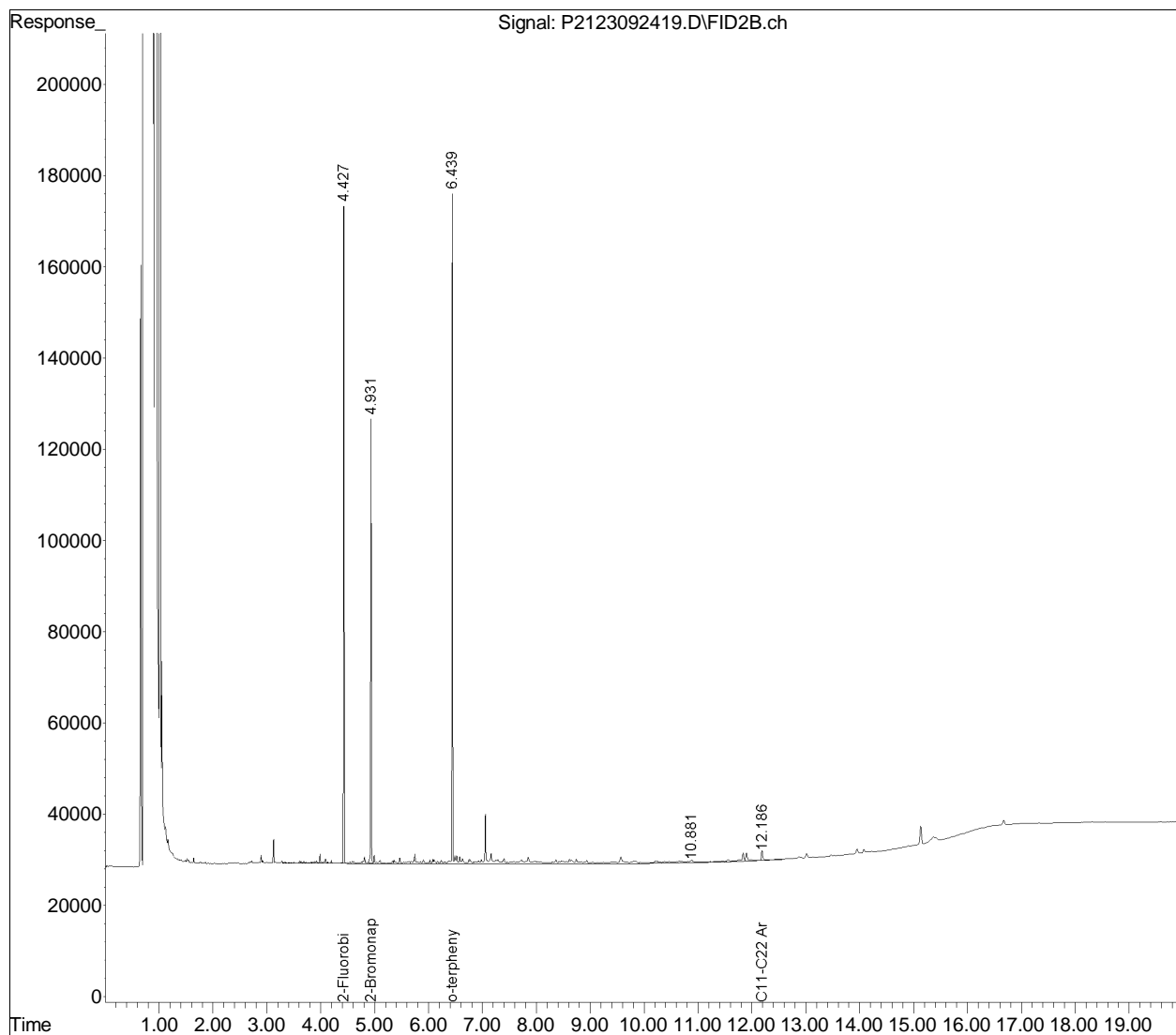


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230924.SEC\
Data File : P2123092419.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 2:40 pm
Operator : Petro21b:sc
Sample : WG1831152-1,eph20-e,,
Misc : WG1831282,WG1831152,ical18504
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 11:44:12 2023
Quant Method : I:\PETRO\Petro21\2023\230924.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Sun Sep 24 10:36:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

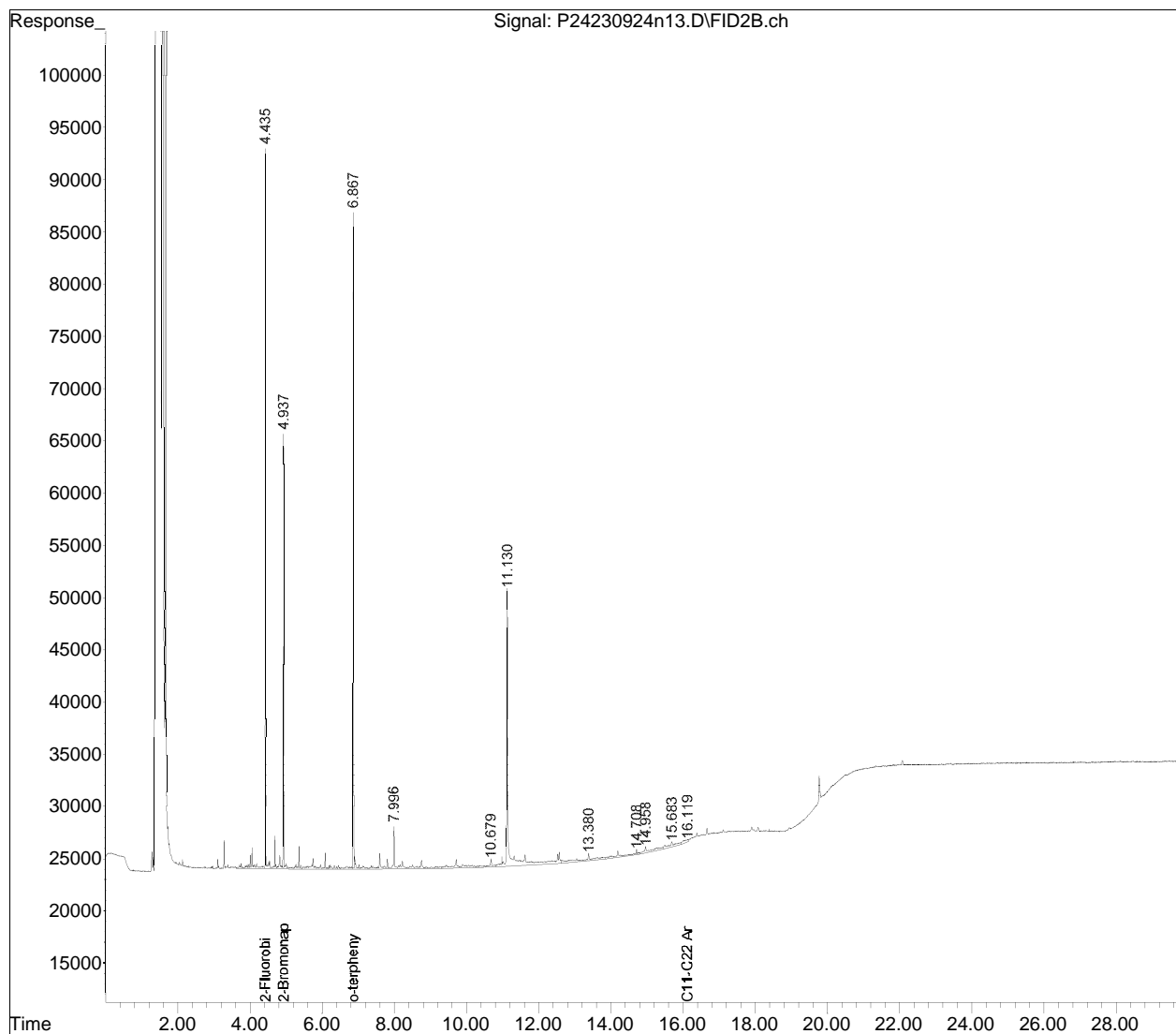


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924N.SEC\
Data File : P24230924n13.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2023 10:40 am
Operator : Petro24b:all
Sample : L2353387-01,42,,
Misc : wg1831422,wg1831152,ical20111
ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 14:57:21 2023
Quant Method : I:\PETRO\Petro24\2023\230924N.SEC\P24MAARO230618.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 25 06:34:44 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

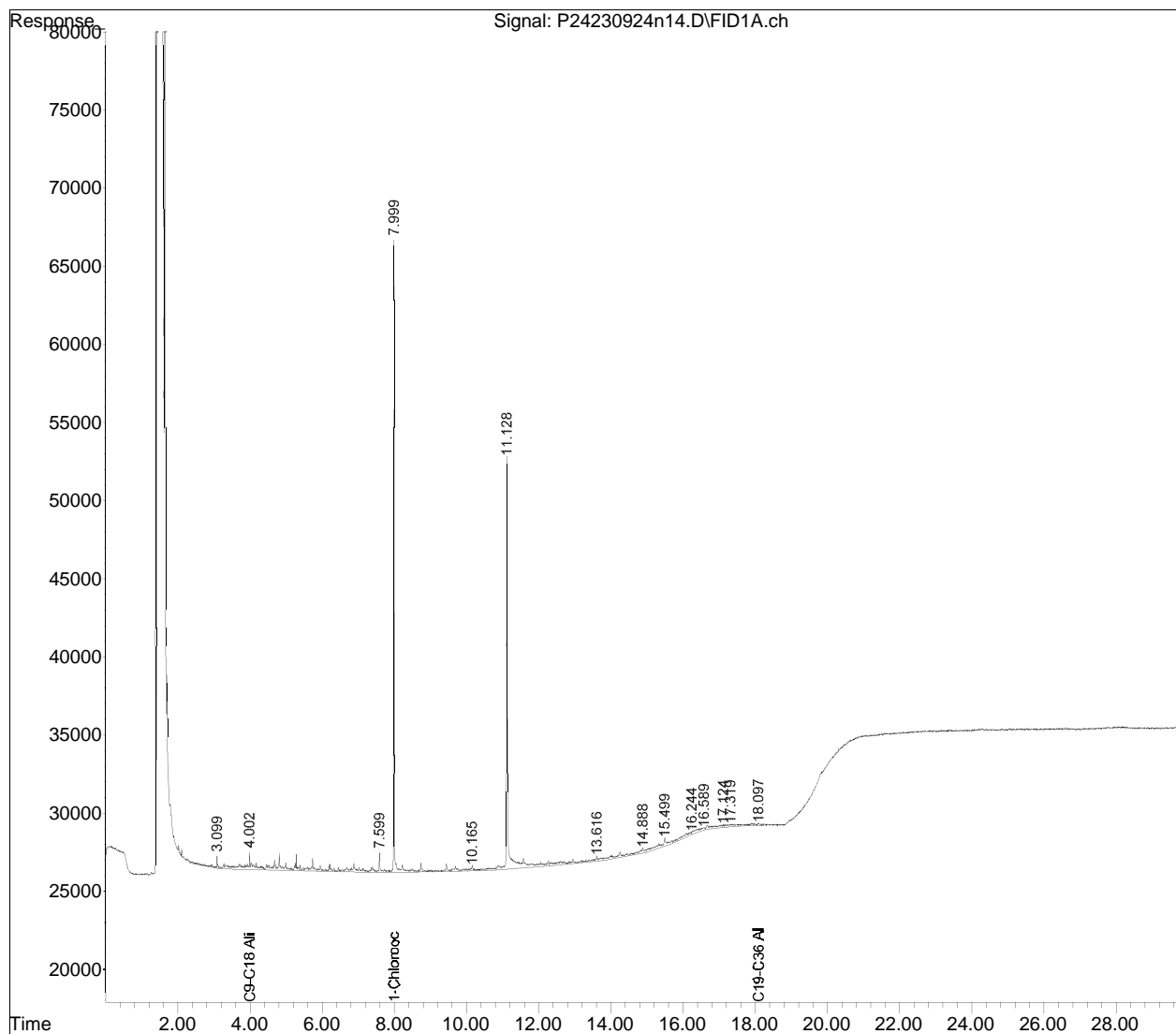


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924n\
Data File : P24230924n14.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2023 10:40 am
Operator : Petro24a:all
Sample : L2353387-01,42,,
Misc : WG1831422,wg1831152,ical20112
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 15:21:11 2023
Quant Method : I:\PETRO\Petro24\2023\230924n\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Mon Sep 25 06:29:44 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

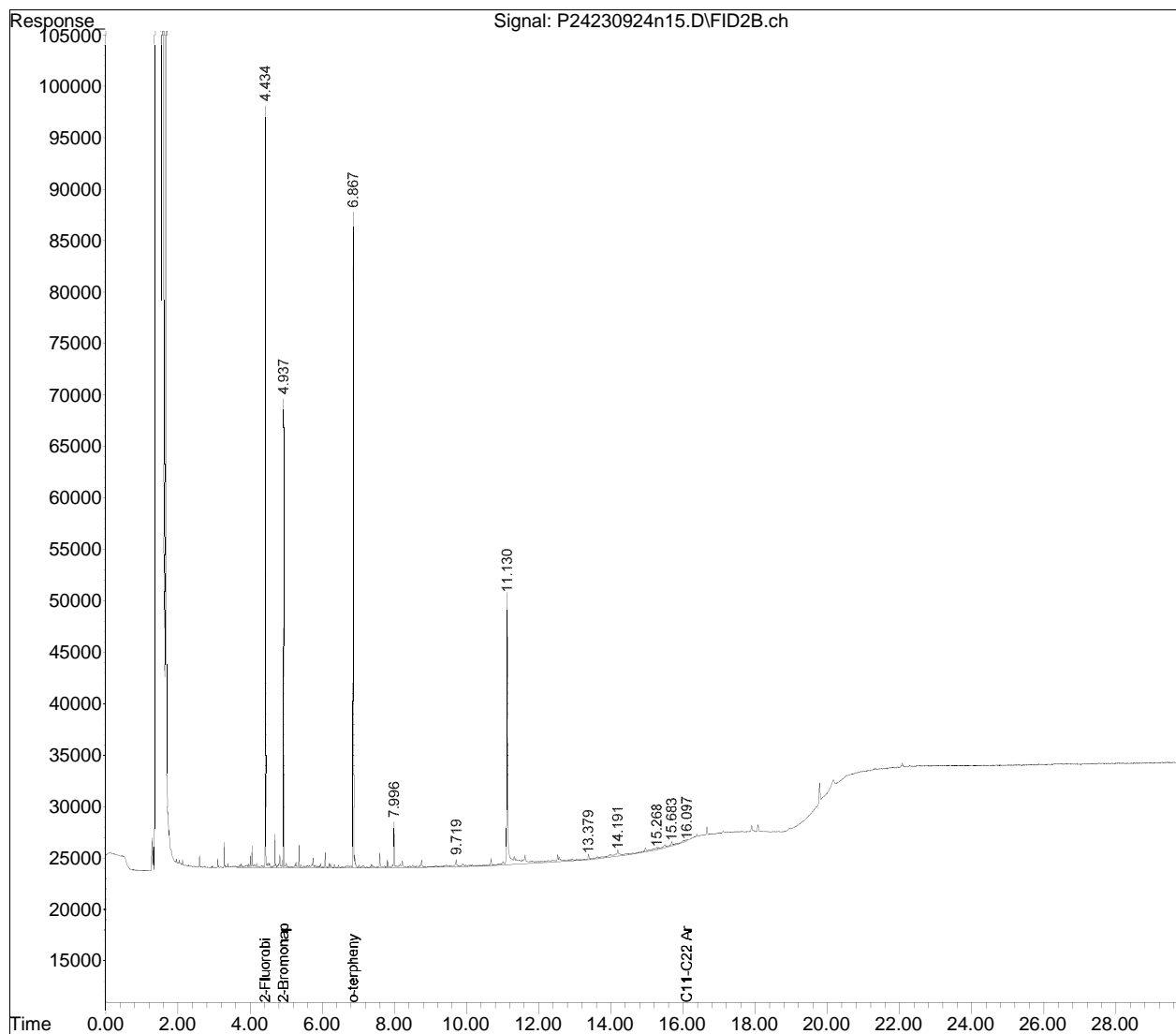


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924N.SEC\
Data File : P24230924n15.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2023 11:15 am
Operator : Petro24b:all
Sample : L2353387-02,42,,
Misc : wg1831422,wg1831152,ical20111
ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 14:58:42 2023
Quant Method : I:\PETRO\Petro24\2023\230924N.SEC\P24MAARO230618.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 25 06:35:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

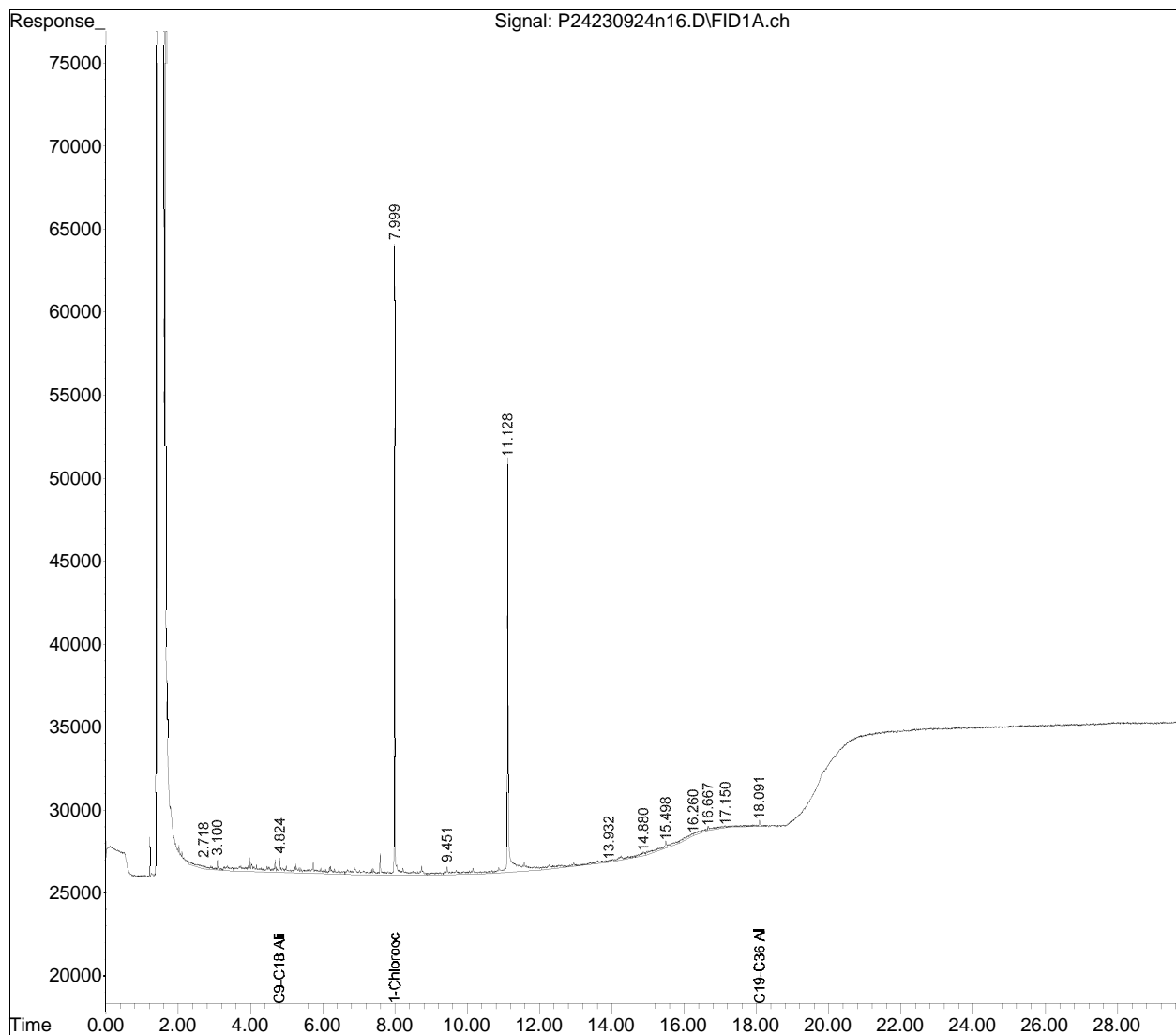


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924n\
Data File : P24230924n16.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2023 11:15 am
Operator : Petro24a:all
Sample : L2353387-02,42,,
Misc : WG1831422,wg1831152,ical20112
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 15:38:43 2023
Quant Method : I:\PETRO\Petro24\2023\230924n\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Mon Sep 25 06:29:44 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

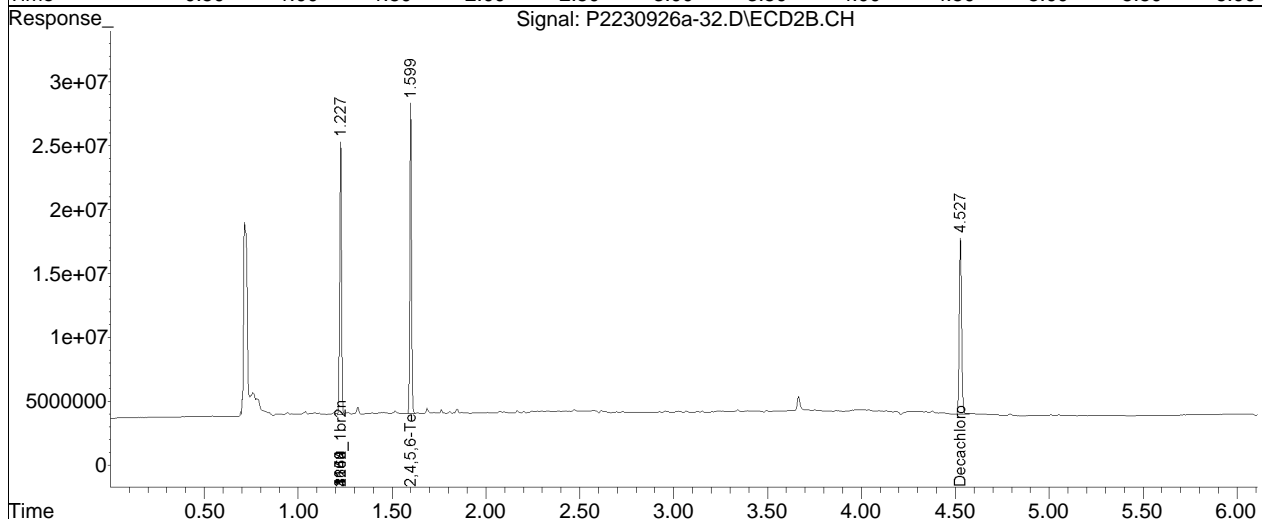
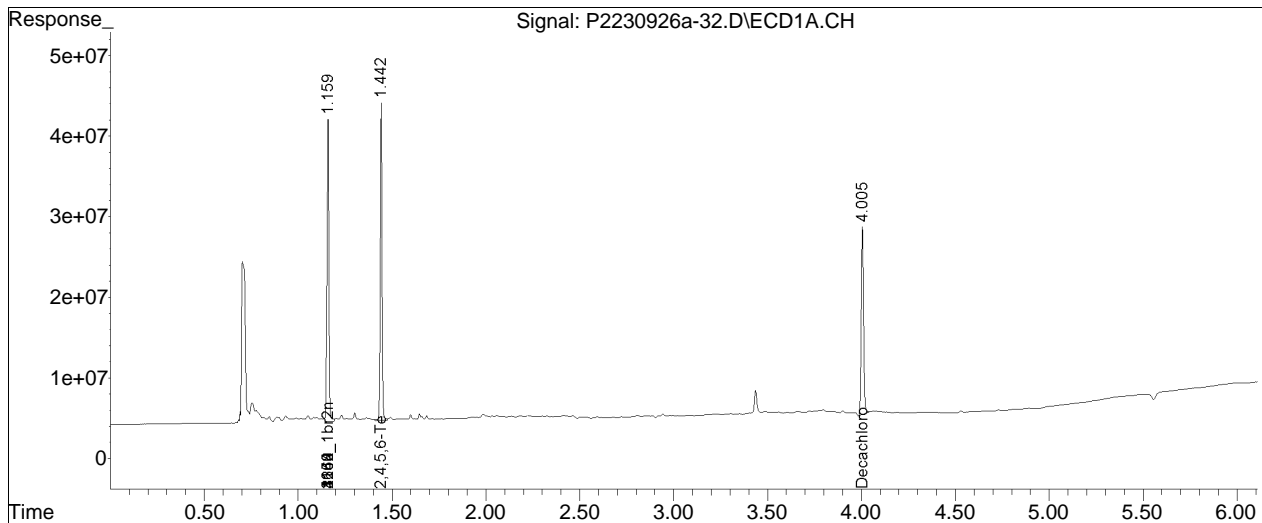


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-32.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:44 pm
 Operator : pest2:mco
 Sample : WG1831828-1,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:04:28 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

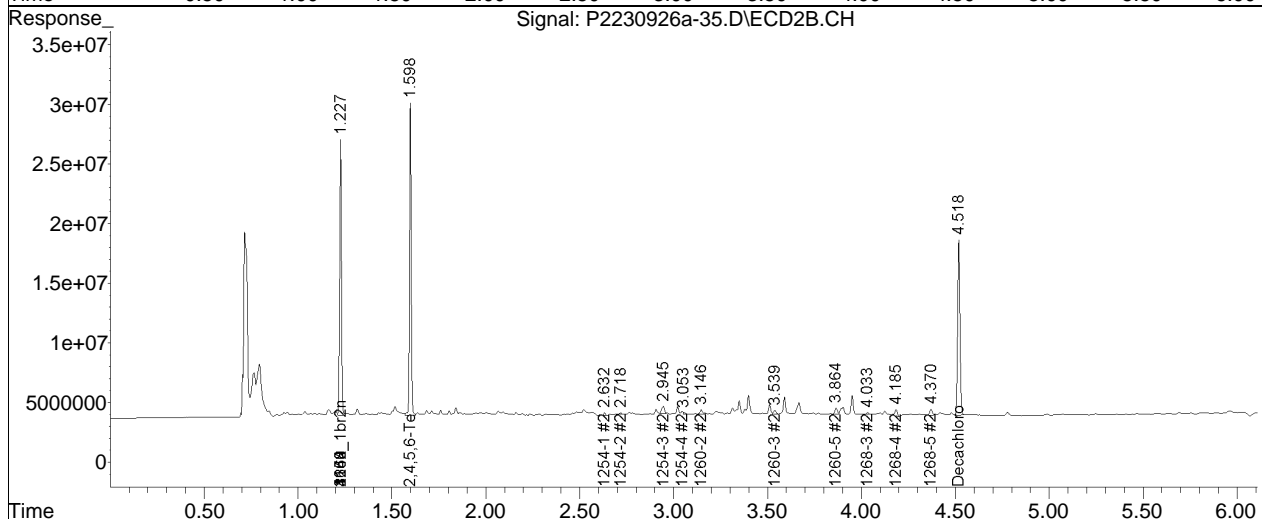
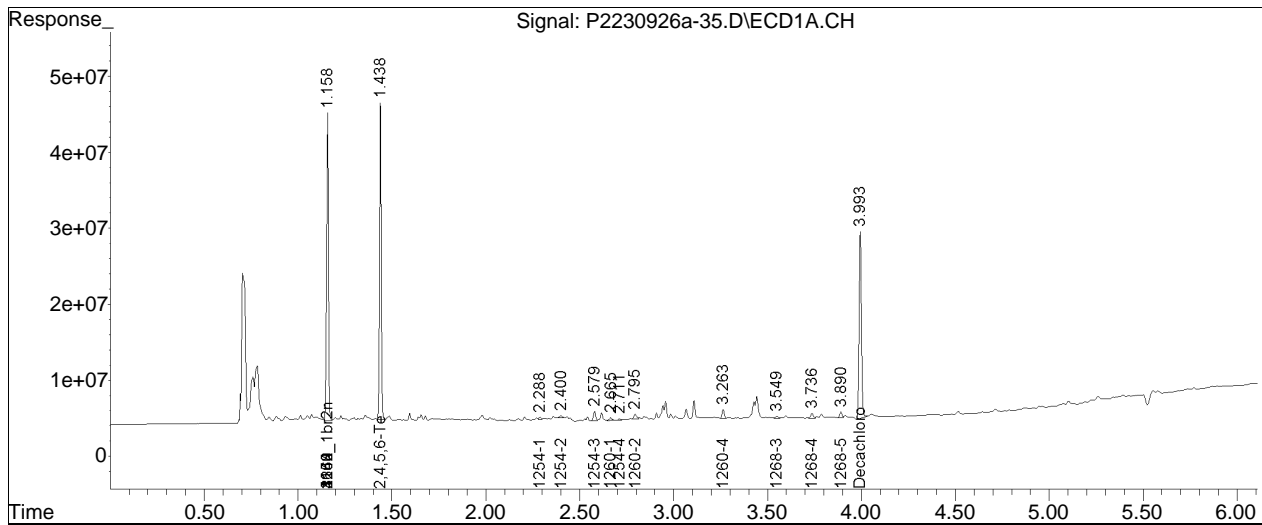


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-35.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 12:13 am
 Operator : pest2:mco
 Sample : L2353387-01,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 35 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:08:09 2023
 Quant Method : I:\PCB\Pest2\2023\230926a\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

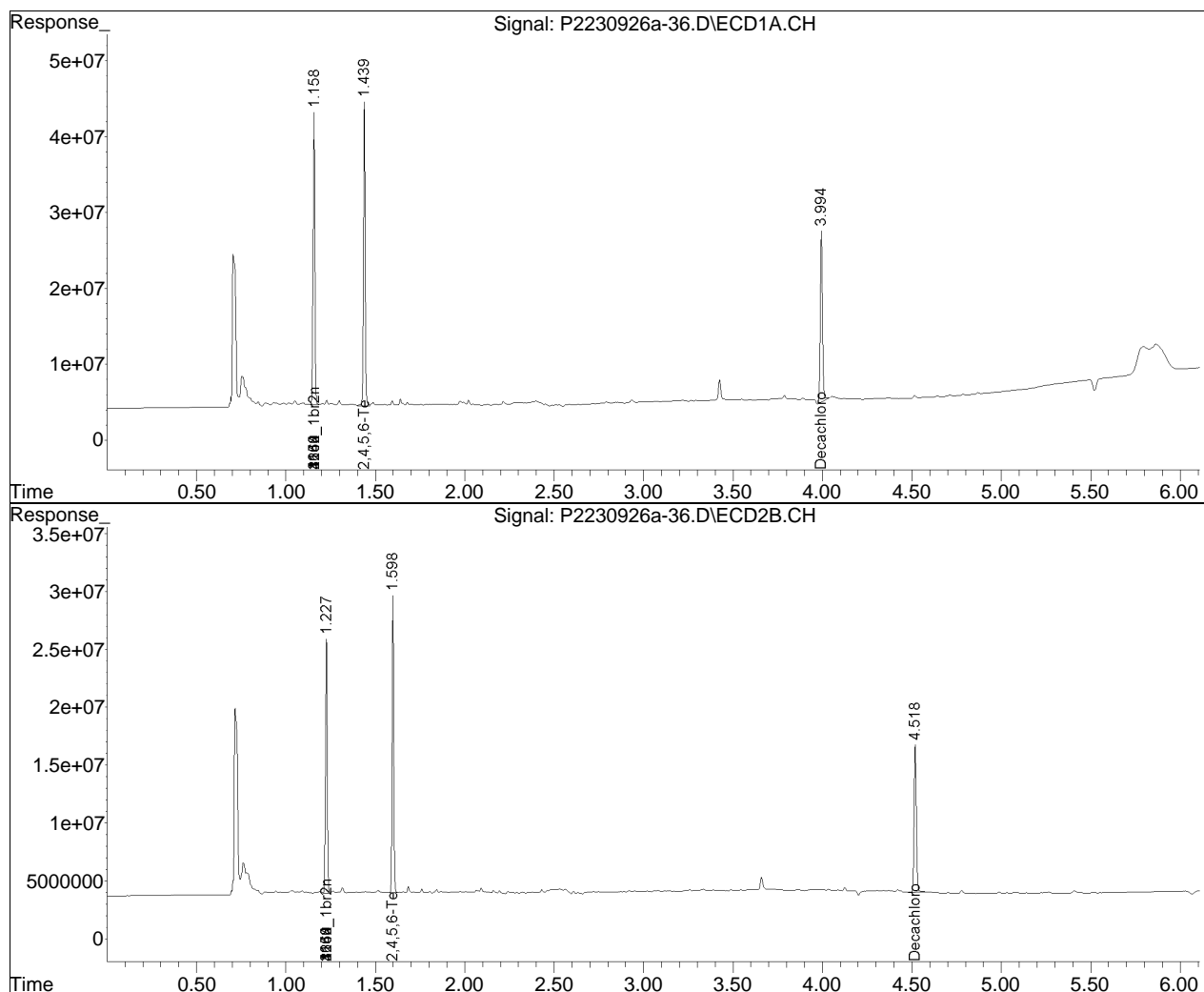


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-36.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 12:22 am
 Operator : pest2:mco
 Sample : L2353387-02,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 36 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:09:28 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



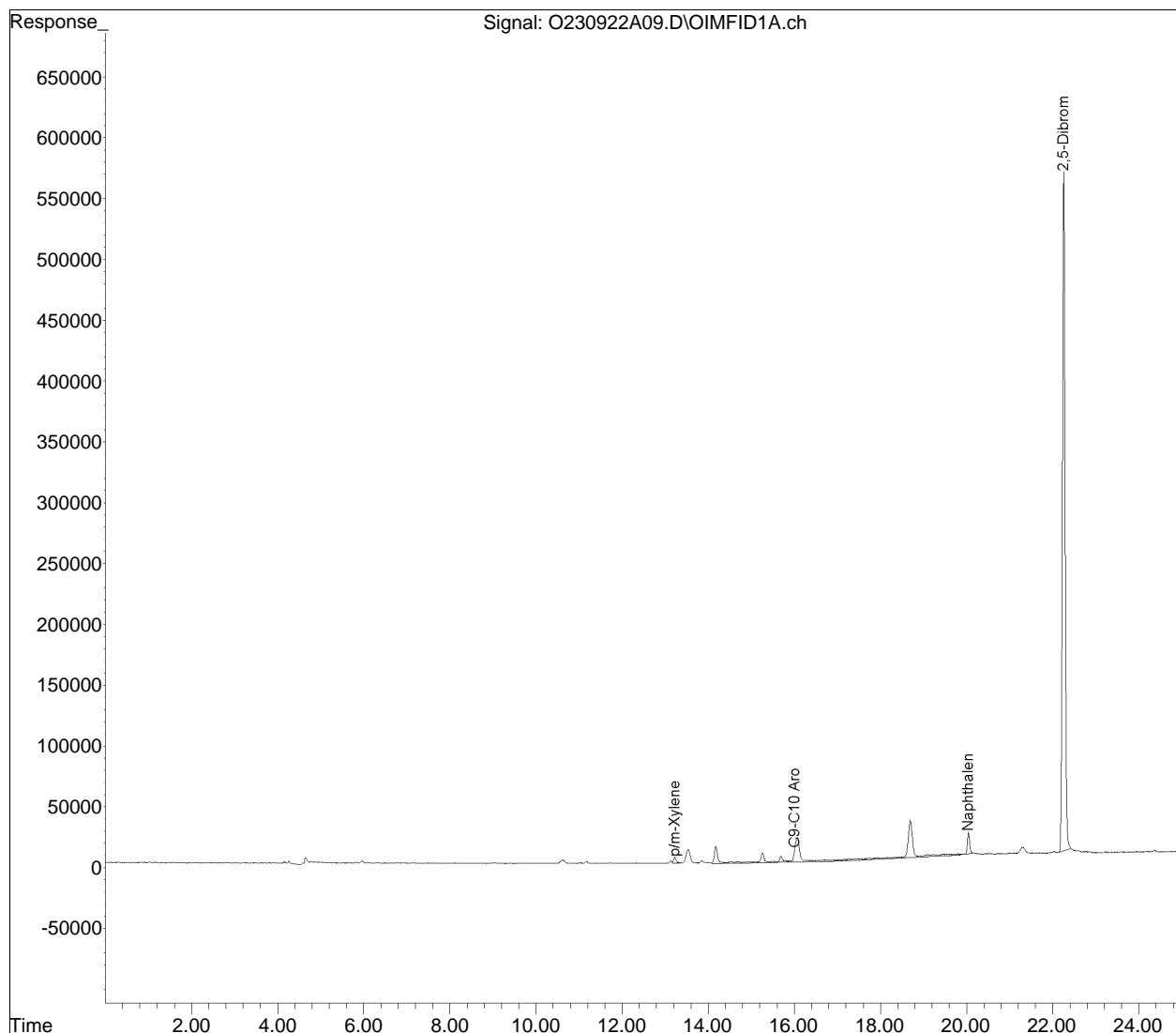
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A09.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20207
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



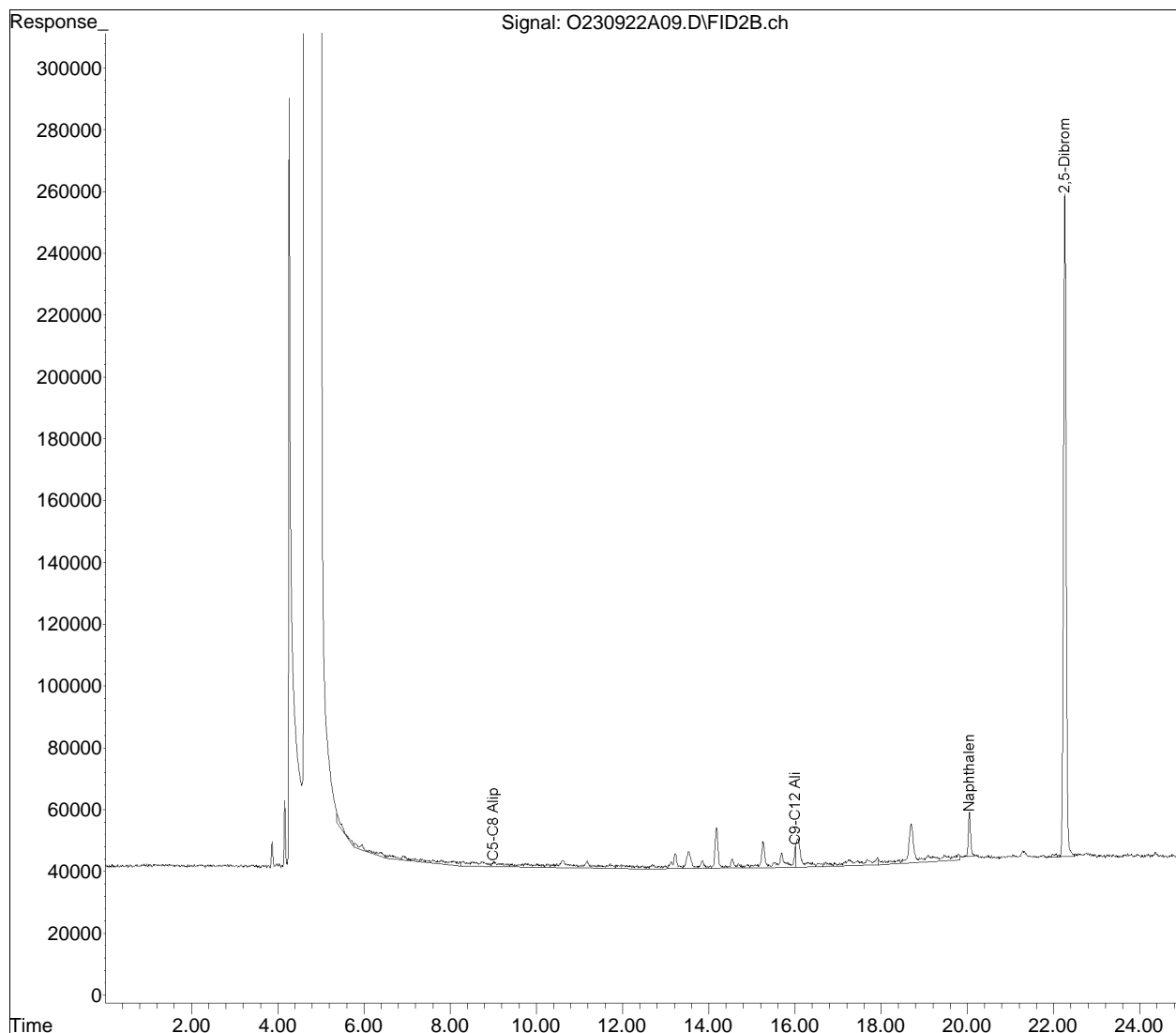
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A09.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20206
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



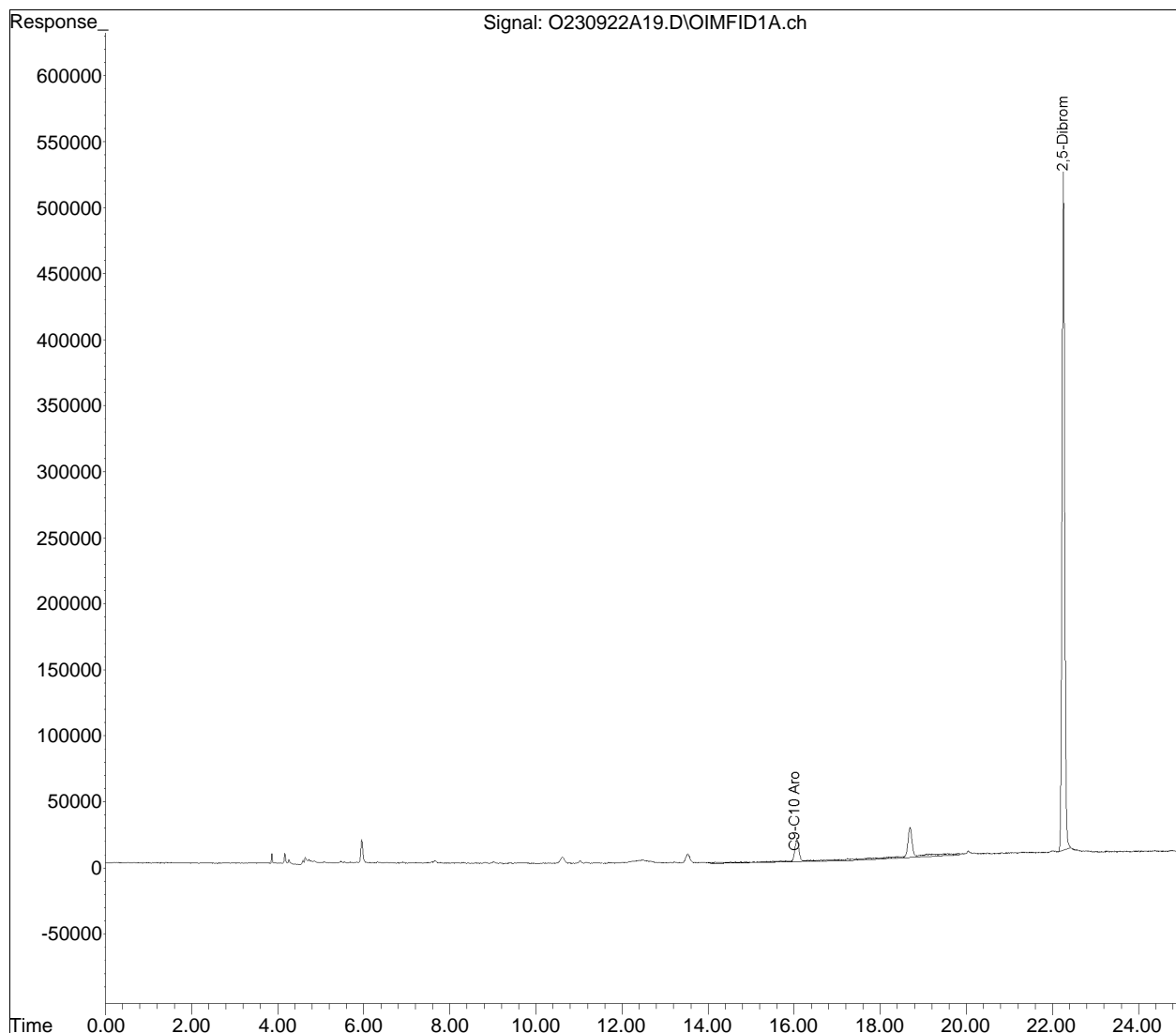
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A19.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 10:06 pm
Operator : OVPH:BAD
Sample : L2353387-01,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:37 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



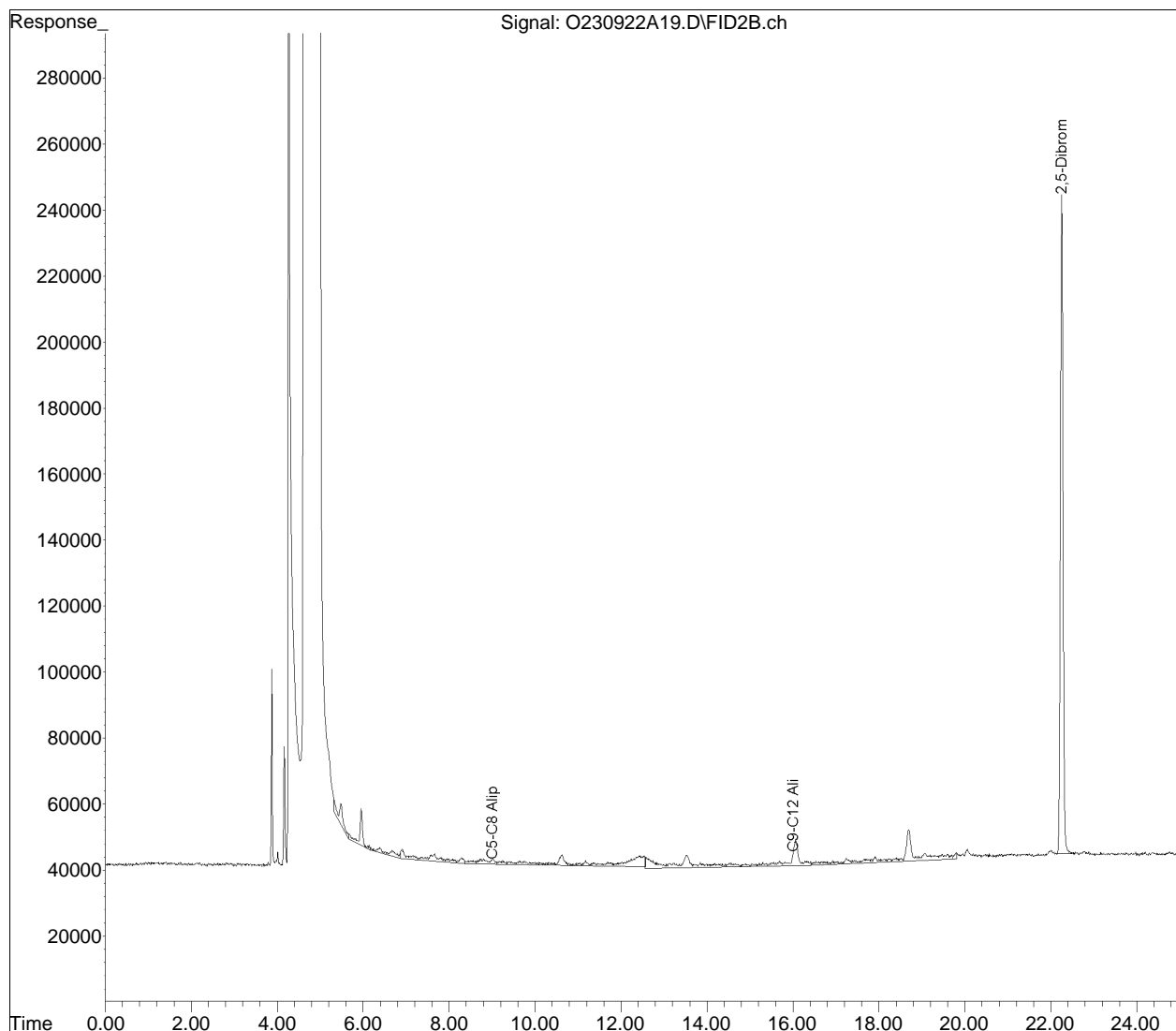
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A19.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 10:06 pm
Operator : OVPH:BAD
Sample : L2353387-01,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 19 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:42 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



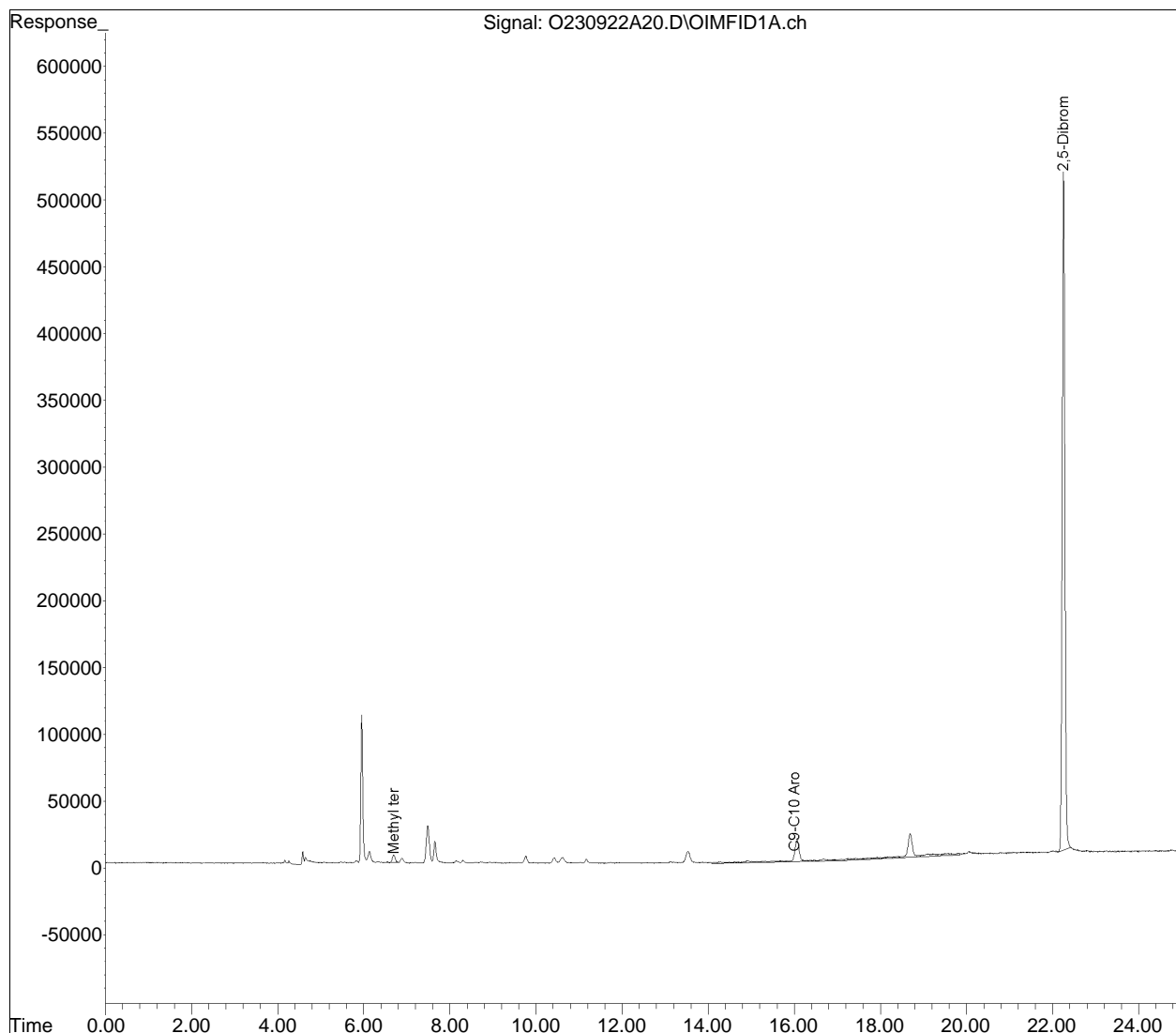
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A20.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 10:36 pm
Operator : OVPH:BAD
Sample : L2353387-02,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:39 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



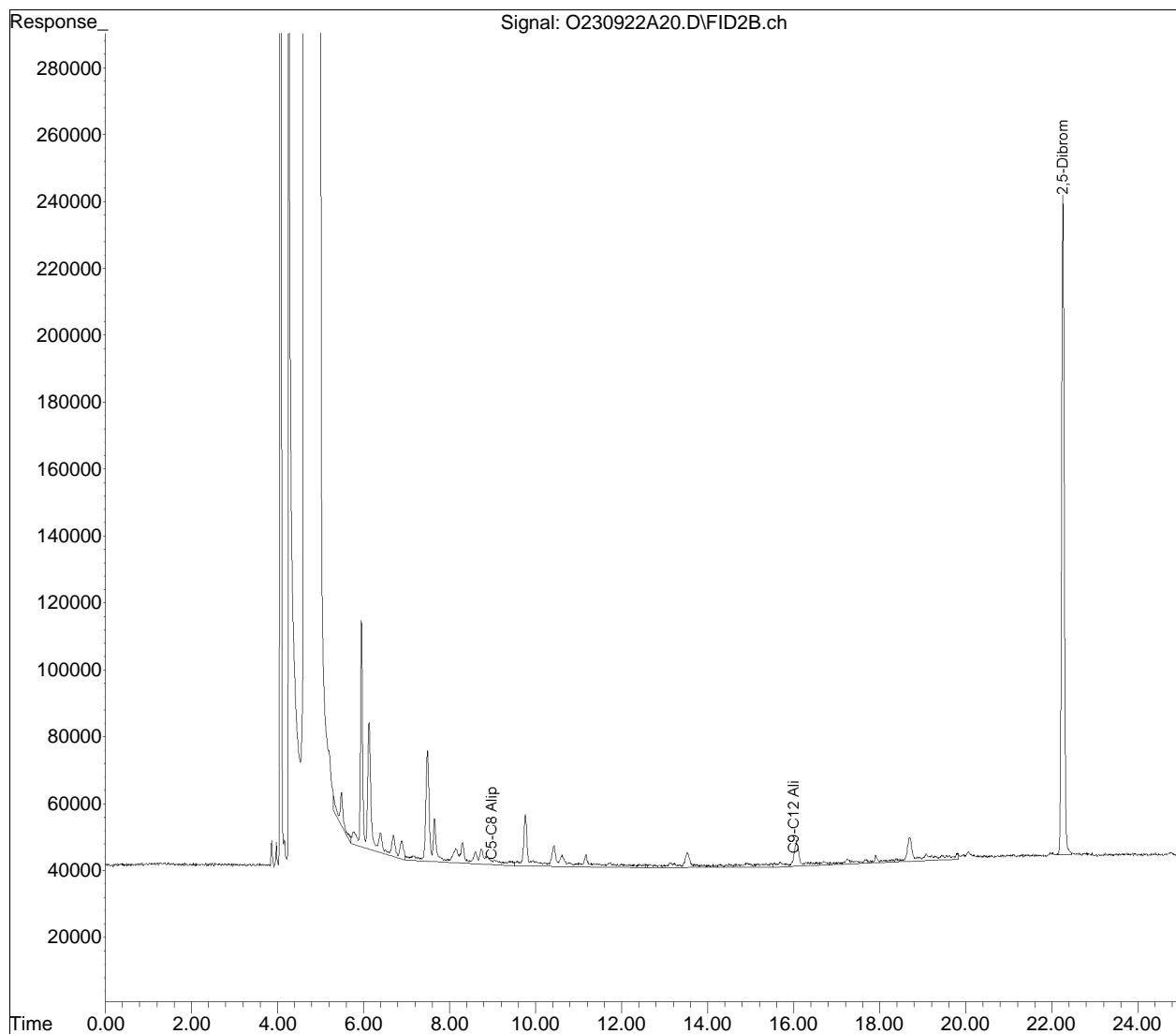
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A20.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 10:36 pm
Operator : OVPH:BAD
Sample : L2353387-02,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 20 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:44 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 28, 2023

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : DW 20124 CLIENT PROJECT ID: L2353387
Client Ref: ME

Aerobiology Laboratory Associates, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

Client Project #: L2353387
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20124
 Method: Drinking Water
 Date Received: 9/14/2023
 Date Analyzed: 9/28/2023
 Date of Report: 9/28/2023

Lab ID	Client ID	Description	Grid Area	# G.O.	Aliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149362	Equipment Blank		0.010	6	20	0.17	NSD		201	NSD	Yes

Comments:

NSD = No Structures Detected

Aimee Cormier, Analyst

Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

WW20124

Alpha Job Number
L2353387



Client Information

Project Information

Regulatory Requirements/Report Limits

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Project Location: ME
Project Manager: Graham Parker

State/Federal Program:

Regulatory Criteria:

Turnaround & Deliverables Information

Phone: 508.439.5160
Email: gparker@alphalab.com

Due Date:
Deliverables:

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353387

Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EQUIPMENT BLANK	09-13-23 14:00	WATER	Asbestos-TEM	

Relinquished By:	Date/Time:	Received By:	Date/Time:
<i>[Signature]</i>	9/14/23	<i>[Signature]</i>	9/14/23 7:50
<i>ALAN DAUS</i>	9/14/23 12:30	<i>Margaret Valente</i>	9/14/23 12:30 pm

Form No: AL_subcoc

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353387
 Client job site: ME
 Batch No. 20124
 Lab Sample ID 149362
 Client Sample ID Equipment Blank
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Description
 Aliquot 20
 Grid Box Location 2484 12B
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 6
 Analytical Sensitivity 0.17
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: JFC
 Date Analyzed 9/28/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 12B	E4-3 E4-1	NSD ↓						
← 12C	E4-3 E4-1							
← 12D	E3-3 E3-1	↓						

Total Asbestos Str NSD

NSD = No Structures Detected F = Fiber



ANALYTICAL REPORT

Lab Number:	L2353390
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/28/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353390-01	EF-06	WATER	WISCASSETT MAINE	09/13/23 09:30	09/13/23
L2353390-02	EF-07	WATER	WISCASSETT MAINE	09/13/23 09:38	09/13/23
L2353390-03	EF-08	WATER	WISCASSETT MAINE	09/13/23 10:00	09/13/23
L2353390-04	EF-09	WATER	WISCASSETT MAINE	09/13/23 14:10	09/13/23
L2353390-05	TRIP BLANK	WATER	WISCASSETT MAINE	09/13/23 14:10	09/13/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

The WG1829720-3 LCS recoveries, associated with L2353390-01 through -05, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially high bias for vinyl acetate (140%) and hexachlorobutadiene (140%).

The WG1829720-3/-4 LCS/LCSD RPD, associated with L2353390-01 through -05, is above the acceptance criteria for hexachlorobutadiene (33%).

Semivolatile Organics

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353390-01 through -04, are below the acceptance criteria for benzidine (2%/2%), and pyridine (8% LCS); however, they have been identified as "difficult" analytes. The results of the associated samples are reported.

The WG1828057-2/-3 LCS/LCSD recoveries, associated with L2353390-01 through -04, are below the individual acceptance criteria for aniline (25%/23%), but within the overall method allowances. The results of the associated samples are reported; however, all results for these compounds are considered to have a potentially low bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/28/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 21:23
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	1.0	J	ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	109		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 21:47
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	0.48	J	ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	109		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 22:12
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	0.48	J	ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	109		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 22:38
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	0.20	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	113		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-05
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/19/23 23:03
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-05
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-05
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	109		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1829720-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1829720-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/19/23 19:43
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1829720-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353390

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1829720-3 WG1829720-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	92		92		70-130	0		20
Chloroform	96		99		70-130	3		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	92		94		70-130	2		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	120		120		70-130	0		20
Chlorobenzene	110		110		75-130	0		25
Trichlorofluoromethane	85		83		62-150	2		20
1,2-Dichloroethane	78		81		70-130	4		20
1,1,1-Trichloroethane	96		98		67-130	2		20
Bromodichloromethane	96		96		67-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	100		100		54-136	0		20
1,1,1,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		25
Toluene	110		110		70-130	0		25
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		100		64-130	10		20
Bromomethane	55		51		39-139	8		20
Vinyl chloride	79		78		55-140	1		20
Chloroethane	73		74		55-138	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1829720-3 WG1829720-4								
1,1-Dichloroethene	110		110		61-145	0		25
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	98		98		70-130	0		25
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	100		100		63-130	0		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	98		100		70-130	2		20
1,2,3-Trichloropropane	97		95		64-130	2		20
Styrene	100		105		70-130	5		20
Dichlorodifluoromethane	91		93		36-147	2		20
Acetone	120		130		58-148	8		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	110		120		63-138	9		20
4-Methyl-2-pentanone	95		99		59-130	4		20
2-Hexanone	110		110		57-130	0		20
Bromochloromethane	110		110		70-130	0		20
Tetrahydrofuran	140	Q	120		58-130	15		20
2,2-Dichloropropane	96		94		63-133	2		20
1,2-Dibromoethane	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353390

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1829720-3 WG1829720-4								
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	110		100		70-130	10		20
n-Butylbenzene	100		95		53-136	5		20
sec-Butylbenzene	100		96		70-130	4		20
tert-Butylbenzene	100		96		70-130	4		20
o-Chlorotoluene	100		96		70-130	4		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	100		110		41-144	10		20
Hexachlorobutadiene	140	Q	100		63-130	33	Q	20
Isopropylbenzene	100		96		70-130	4		20
p-Isopropyltoluene	100		96		70-130	4		20
Naphthalene	91		86		70-130	6		20
n-Propylbenzene	100		97		69-130	3		20
1,2,3-Trichlorobenzene	110		97		70-130	13		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
1,3,5-Trimethylbenzene	100		97		64-130	3		20
1,3,5-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trimethylbenzene	100		97		70-130	3		20
Ethyl ether	95		99		59-134	4		20
Diisopropyl Ether	120		120		70-130	0		20
Tert-Butyl Alcohol	126		130		70-130	3		20
Ethyl-Tert-Butyl-Ether	93		96		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353390

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1829720-3 WG1829720-4								
Tertiary-Amyl Methyl Ether	98		100		66-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	81		84		70-130
Toluene-d8	106		103		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	96		98		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 01:49
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	79		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 14:10
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01

Date Collected: 09/13/23 09:30

Client ID: EF-06

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	86		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 03:24
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	73		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 14:27
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.87		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.46		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.38		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.83		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	0.28		ug/l	0.10	0.04	1
Chrysene	0.60		ug/l	0.10	0.04	1
Acenaphthylene	0.05	J	ug/l	0.10	0.04	1
Anthracene	0.09	J	ug/l	0.10	0.04	1
Benzo(ghi)perylene	0.31		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.28		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.09	J	ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	0.38		ug/l	0.10	0.04	1
Pyrene	0.72		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02

Date Collected: 09/13/23 09:38

Client ID: EF-07

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	75		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 02:36
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	71		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 14:43
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.07	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03

Date Collected: 09/13/23 10:00

Client ID: EF-08

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	72		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 02:12
 Analyst: ALS

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	72		41-149

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/17/23 15:00
 Analyst: DV

Extraction Method: EPA 3510C
 Extraction Date: 09/16/23 10:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	0.05	J	ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04

Date Collected: 09/13/23 14:10

Client ID: EF-09

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	78		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1828057-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1828057-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/16/23 12:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1828057-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	65		10-120
4-Terphenyl-d14	66		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1828058-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/16/23 18:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/15/23 15:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1828058-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	48		10-120
4-Terphenyl-d14	77		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1828057-2 WG1828057-3								
Acenaphthene	70		69		37-111	1		30
Benidine	2	Q	2	Q	10-75	15		30
1,2,4-Trichlorobenzene	62		65		39-98	5		30
Hexachlorobenzene	65		65		40-140	0		30
Bis(2-chloroethyl)ether	66		71		40-140	7		30
2-Chloronaphthalene	68		68		40-140	0		30
1,2-Dichlorobenzene	59		65		40-140	10		30
1,3-Dichlorobenzene	57		62		40-140	8		30
1,4-Dichlorobenzene	57		63		36-97	10		30
3,3'-Dichlorobenzidine	69		62		40-140	11		30
2,4-Dinitrotoluene	86		84		48-143	2		30
2,6-Dinitrotoluene	80		79		40-140	1		30
Azobenzene	79		77		40-140	3		30
Fluoranthene	77		74		40-140	4		30
4-Chlorophenyl phenyl ether	72		71		40-140	1		30
4-Bromophenyl phenyl ether	68		69		40-140	1		30
Bis(2-chloroisopropyl)ether	56		58		40-140	4		30
Bis(2-chloroethoxy)methane	76		77		40-140	1		30
Hexachlorobutadiene	58		60		40-140	3		30
Hexachlorocyclopentadiene	52		52		40-140	0		30
Hexachloroethane	60		64		40-140	6		30
Isophorone	79		82		40-140	4		30
Naphthalene	65		66		40-140	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1828057-2 WG1828057-3								
Nitrobenzene	74		78		40-140	5		30
NDPA/DPA	76		74		40-140	3		30
n-Nitrosodi-n-propylamine	77		78		29-132	1		30
Bis(2-ethylhexyl)phthalate	86		83		40-140	4		30
Butyl benzyl phthalate	84		82		40-140	2		30
Di-n-butylphthalate	92		89		40-140	3		30
Di-n-octylphthalate	85		83		40-140	2		30
Diethyl phthalate	82		80		40-140	2		30
Dimethyl phthalate	76		76		40-140	0		30
Benzo(a)anthracene	76		73		40-140	4		30
Benzo(a)pyrene	81		77		40-140	5		30
Benzo(b)fluoranthene	74		70		40-140	6		30
Benzo(k)fluoranthene	73		71		40-140	3		30
Chrysene	73		71		40-140	3		30
Acenaphthylene	80		78		45-123	3		30
Anthracene	73		72		40-140	1		30
Benzo(ghi)perylene	73		72		40-140	1		30
Fluorene	74		73		40-140	1		30
Phenanthrene	70		70		40-140	0		30
Dibenzo(a,h)anthracene	73		73		40-140	0		30
Indeno(1,2,3-cd)pyrene	91		90		40-140	1		30
Pyrene	73		71		26-127	3		30
Biphenyl	72		72		40-140	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1828057-2 WG1828057-3								
Aniline	25	Q	23	Q	40-140	8		30
4-Chloroaniline	61		55		40-140	10		30
1-Methylnaphthalene	66		67		41-103	2		30
2-Nitroaniline	84		84		52-143	0		30
3-Nitroaniline	74		70		25-145	6		30
4-Nitroaniline	79		76		51-143	4		30
Dibenzofuran	72		72		40-140	0		30
2-Methylnaphthalene	68		68		40-140	0		30
n-Nitrosodimethylamine	41		42		22-74	2		30
2,4,6-Trichlorophenol	79		78		30-130	1		30
p-Chloro-m-cresol	79		77		23-97	3		30
2-Chlorophenol	70		71		27-123	1		30
2,4-Dichlorophenol	76		80		30-130	5		30
2,4-Dimethylphenol	57		58		30-130	2		30
2-Nitrophenol	90		92		30-130	2		30
4-Nitrophenol	53		51		10-80	4		30
2,4-Dinitrophenol	94		98		20-130	4		30
4,6-Dinitro-o-cresol	97		95		20-164	2		30
Pentachlorophenol	75		76		9-103	1		30
Phenol	34		34		12-110	0		30
2-Methylphenol	63		65		30-130	3		30
3-Methylphenol/4-Methylphenol	63		63		30-130	0		30
2,4,5-Trichlorophenol	77		77		30-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1828057-2 WG1828057-3								
Benzoic Acid	38		38		10-164	0		30
Benzyl Alcohol	68		70		26-116	3		30
Carbazole	78		75		55-144	4		30
Pyridine	8	Q	10		10-66	13		30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	47		49		21-120
Phenol-d6	34		35		10-120
Nitrobenzene-d5	78		82		23-120
2-Fluorobiphenyl	71		74		15-120
2,4,6-Tribromophenol	71		69		10-120
4-Terphenyl-d14	71		69		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1828058-2 WG1828058-3								
Acenaphthene	72		69		40-140	4		40
2-Chloronaphthalene	72		71		40-140	1		40
Fluoranthene	81		79		40-140	3		40
Hexachlorobutadiene	66		64		40-140	3		40
Naphthalene	71		68		40-140	4		40
Benzo(a)anthracene	82		77		40-140	6		40
Benzo(a)pyrene	88		83		40-140	6		40
Benzo(b)fluoranthene	80		74		40-140	8		40
Benzo(k)fluoranthene	81		76		40-140	6		40
Chrysene	77		72		40-140	7		40
Acenaphthylene	84		83		40-140	1		40
Anthracene	80		76		40-140	5		40
Benzo(ghi)perylene	78		73		40-140	7		40
Fluorene	76		74		40-140	3		40
Phenanthrene	73		70		40-140	4		40
Dibenzo(a,h)anthracene	86		82		40-140	5		40
Indeno(1,2,3-cd)pyrene	100		95		40-140	5		40
Pyrene	82		80		40-140	2		40
1-Methylnaphthalene	71		69		40-140	3		40
2-Methylnaphthalene	76		73		40-140	4		40
Pentachlorophenol	81		78		40-140	4		40
Hexachlorobenzene	64		59		40-140	8		40
Hexachloroethane	71		69		40-140	3		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1828058-2 WG1828058-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		51		21-120
Phenol-d6	36		35		10-120
Nitrobenzene-d5	86		84		23-120
2-Fluorobiphenyl	75		73		15-120
2,4,6-Tribromophenol	57		56		10-120
4-Terphenyl-d14	84		84		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 23:06
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	102		70-130
2,5-Dibromotoluene-FID	103		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/25/23 11:50
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 16:58
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/24/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	84		40-140
o-Terphenyl	99		40-140
2-Fluorobiphenyl	92		40-140
2-Bromonaphthalene	94		40-140

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/22/23 23:36
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	101		70-130
2,5-Dibromotoluene-FID	102		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02
 Client ID: EF-07
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:38
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/27/23 15:09
 Analyst: MTC

Extraction Method: EPA 3510C
 Extraction Date: 09/26/23 17:44
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/27/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	242		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	62		40-140
o-Terphenyl	73		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	76		40-140

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/23/23 00:06
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	97		70-130
2,5-Dibromotoluene-FID	98		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/25/23 12:25
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 16:58
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/24/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	347		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	86		40-140
o-Terphenyl	90		40-140
2-Fluorobiphenyl	80		40-140
2-Bromonaphthalene	82		40-140

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/23/23 00:36
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	102		70-130
2,5-Dibromotoluene-FID	103		70-130

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/25/23 13:00
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 09/23/23 16:58
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/24/23

Quality Control Information

Condition of sample received:	Satisfactory
Aqueous Preservative:	Laboratory Provided Preserved Container
Sample Temperature upon receipt:	Received on Ice
Sample Extraction method:	Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	91		40-140
o-Terphenyl	85		40-140
2-Fluorobiphenyl	76		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/24/23 14:40
Analyst: SC

Extraction Method: EPA 3510C
Extraction Date: 09/23/23 13:58
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/24/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01,03-04 Batch: WG1831152-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	78		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/22/23 17:05
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-04 Batch: WG1831574-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	108		70-130
2,5-Dibromotoluene-FID	110		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/27/23 14:19
Analyst: MTC

Extraction Method: EPA 3510C
Extraction Date: 09/26/23 17:44
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/27/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 02 Batch: WG1832282-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	63		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	68		40-140
2-Bromonaphthalene	68		40-140

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353390

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1831152-2 WG1831152-3								
C9-C18 Aliphatics	66		67		40-140	2		25
C19-C36 Aliphatics	76		77		40-140	1		25
C11-C22 Aromatics	75		76		40-140	1		25
Naphthalene	69		71		40-140	3		25
2-Methylnaphthalene	71		73		40-140	3		25
Acenaphthylene	70		71		40-140	1		25
Acenaphthene	72		73		40-140	1		25
Fluorene	72		73		40-140	1		25
Phenanthrene	71		71		40-140	0		25
Anthracene	72		72		40-140	0		25
Fluoranthene	72		72		40-140	0		25
Pyrene	71		72		40-140	1		25
Benzo(a)anthracene	72		73		40-140	1		25
Chrysene	72		73		40-140	1		25
Benzo(b)fluoranthene	70		71		40-140	1		25
Benzo(k)fluoranthene	68		69		40-140	1		25
Benzo(a)pyrene	74		75		40-140	1		25
Indeno(1,2,3-cd)Pyrene	74		77		40-140	4		25
Dibenzo(a,h)anthracene	73		75		40-140	3		25
Benzo(ghi)perylene	72		75		40-140	4		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01,03-04 Batch: WG1831152-2 WG1831152-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	68		69		40-140
o-Terphenyl	66		68		40-140
2-Fluorobiphenyl	77		77		40-140
2-Bromonaphthalene	78		79		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-04 Batch: WG1831574-2 WG1831574-3								
C5-C8 Aliphatics	107		113		70-130	5		25
C9-C12 Aliphatics	107		112		70-130	5		25
C9-C10 Aromatics	103		109		70-130	6		25
Benzene	105		111		70-130	6		25
Toluene	106		112		70-130	6		25
Ethylbenzene	107		113		70-130	5		25
p/m-Xylene	105		111		70-130	6		25
o-Xylene	106		112		70-130	6		25
Methyl tert butyl ether	107		116		70-130	8		25
Naphthalene	105		113		70-130	7		25
1,2,4-Trimethylbenzene	103		109		70-130	6		25
Pentane	109		115		70-130	5		25
2-Methylpentane	108		114		70-130	5		25
2,2,4-Trimethylpentane	105		110		70-130	5		25
n-Nonane	105		110		30-130	5		25
n-Decane	108		113		70-130	5		25
n-Butylcyclohexane	107		112		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	114		114		70-130
2,5-Dibromotoluene-FID	113		113		70-130



Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 02 Batch: WG1832282-2 WG1832282-3								
C9-C18 Aliphatics	60		57		40-140	5		25
C19-C36 Aliphatics	76		73		40-140	4		25
C11-C22 Aromatics	75		68		40-140	10		25
Naphthalene	72		68		40-140	6		25
2-Methylnaphthalene	74		70		40-140	6		25
Acenaphthylene	73		68		40-140	7		25
Acenaphthene	76		71		40-140	7		25
Fluorene	76		70		40-140	8		25
Phenanthrene	73		67		40-140	9		25
Anthracene	73		67		40-140	9		25
Fluoranthene	76		68		40-140	11		25
Pyrene	74		67		40-140	10		25
Benzo(a)anthracene	73		66		40-140	10		25
Chrysene	72		65		40-140	10		25
Benzo(b)fluoranthene	72		64		40-140	12		25
Benzo(k)fluoranthene	68		60		40-140	13		25
Benzo(a)pyrene	75		66		40-140	13		25
Indeno(1,2,3-cd)Pyrene	76		66		40-140	14		25
Dibenzo(a,h)anthracene	63		56		40-140	12		25
Benzo(ghi)perylene	73		63		40-140	15		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 02 Batch: WG1832282-2 WG1832282-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	66		65		40-140
o-Terphenyl	74		68		40-140
2-Fluorobiphenyl	78		73		40-140
2-Bromonaphthalene	78		73		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

PCBS

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01
 Client ID: EF-06
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/27/23 00:32
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/25/23 23:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/26/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	ND		ug/l	0.250	0.032	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	ND		ug/l	0.250	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	87		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	107		30-150	B

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-02 D

Date Collected: 09/13/23 09:38

Client ID: EF-07

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8082A

Extraction Date: 09/25/23 23:47

Analytical Date: 09/27/23 02:14

Cleanup Method: EPA 3665A

Analyst: MEO

Cleanup Date: 09/26/23

Cleanup Method: EPA 3660B

Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	1.25	0.172	5	A
Aroclor 1221	ND		ug/l	1.25	0.332	5	A
Aroclor 1232	ND		ug/l	1.25	0.228	5	A
Aroclor 1242	ND		ug/l	1.25	0.194	5	A
Aroclor 1248	ND		ug/l	1.25	0.245	5	A
Aroclor 1254	ND		ug/l	1.25	0.195	5	A
Aroclor 1260	9.82		ug/l	1.25	0.160	5	B
Aroclor 1262	ND		ug/l	1.25	0.174	5	A
Aroclor 1268	ND		ug/l	1.25	0.168	5	A
PCBs, Total	9.82		ug/l	1.25	0.160	5	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	95		30-150	B

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03
 Client ID: EF-08
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/27/23 00:50
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/25/23 23:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/26/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	0.082	J	ug/l	0.250	0.032	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	0.082	J	ug/l	0.250	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04
 Client ID: EF-09
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 09/27/23 01:00
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/25/23 23:47
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/26/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	A
Aroclor 1260	0.076	J	ug/l	0.250	0.032	1	B
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	0.076	J	ug/l	0.250	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	100		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/26/23 23:44
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/25/23 23:47
Cleanup Method: EPA 3665A
Cleanup Date: 09/26/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/26/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1831828-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	101		30-150	B

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1831828-2 WG1831828-3									
Aroclor 1016	76		81		40-140	6		50	A
Aroclor 1260	73		79		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		81		30-150	A
Decachlorobiphenyl	87		86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		86		30-150	B
Decachlorobiphenyl	103		98		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-01

Date Collected: 09/13/23 09:30

Client ID: EF-06

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0435		mg/l	0.0100	0.00327	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00170	J	mg/l	0.00400	0.00042	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00053		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Barium, Total	0.00731		mg/l	0.00050	0.00017	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00033		mg/l	0.00020	0.00005	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Calcium, Total	11.6		mg/l	0.100	0.0394	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00104		mg/l	0.00100	0.00017	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00016	J	mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Copper, Total	0.01298		mg/l	0.00100	0.00038	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Iron, Total	0.104		mg/l	0.0500	0.0191	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Lead, Total	0.00394		mg/l	0.00100	0.00034	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Magnesium, Total	3.13		mg/l	0.0700	0.0242	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00914		mg/l	0.00100	0.00044	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/16/23 09:29	09/26/23 17:39	EPA 7470A	1,7470A	RJP
Nickel, Total	0.02171		mg/l	0.00200	0.00055	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Potassium, Total	5.67		mg/l	0.100	0.0309	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Sodium, Total	16.6		mg/l	0.100	0.0293	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.03162		mg/l	0.00500	0.00157	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF
Zinc, Total	0.04409		mg/l	0.01000	0.00341	1	09/16/23 07:16	09/26/23 14:12	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-02

Date Collected: 09/13/23 09:38

Client ID: EF-07

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.152		mg/l	0.0100	0.00327	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00225	J	mg/l	0.00400	0.00042	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00152		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Barium, Total	0.01172		mg/l	0.00050	0.00017	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00089		mg/l	0.00020	0.00005	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Calcium, Total	23.9		mg/l	0.100	0.0394	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00584		mg/l	0.00100	0.00017	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00096		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Copper, Total	0.04950		mg/l	0.00100	0.00038	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Iron, Total	0.795		mg/l	0.0500	0.0191	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Lead, Total	0.01455		mg/l	0.00100	0.00034	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Magnesium, Total	2.93		mg/l	0.0700	0.0242	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02418		mg/l	0.00100	0.00044	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Mercury, Total	0.00012	J	mg/l	0.00020	0.00009	1	09/16/23 09:29	09/26/23 17:43	EPA 7470A	1,7470A	RJP
Nickel, Total	0.01014		mg/l	0.00200	0.00055	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Potassium, Total	7.54		mg/l	0.100	0.0309	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Sodium, Total	9.93		mg/l	0.100	0.0293	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.1010		mg/l	0.00500	0.00157	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF
Zinc, Total	0.1372		mg/l	0.01000	0.00341	1	09/16/23 07:16	09/26/23 14:17	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-03

Date Collected: 09/13/23 10:00

Client ID: EF-08

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.114		mg/l	0.0100	0.00327	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00638		mg/l	0.00400	0.00042	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00133		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Barium, Total	0.01163		mg/l	0.00050	0.00017	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00129		mg/l	0.00020	0.00005	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Calcium, Total	29.0		mg/l	0.100	0.0394	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00572		mg/l	0.00100	0.00017	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Cobalt, Total	0.00055		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Copper, Total	0.02846		mg/l	0.00100	0.00038	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Iron, Total	0.750		mg/l	0.0500	0.0191	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Lead, Total	0.01153		mg/l	0.00100	0.00034	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Magnesium, Total	4.98		mg/l	0.0700	0.0242	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Manganese, Total	0.02203		mg/l	0.00100	0.00044	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/16/23 09:29	09/26/23 17:46	EPA 7470A	1,7470A	RJP
Nickel, Total	0.00790		mg/l	0.00200	0.00055	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Potassium, Total	8.07		mg/l	0.100	0.0309	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Sodium, Total	10.9		mg/l	0.100	0.0293	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.1046		mg/l	0.00500	0.00157	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF
Zinc, Total	0.2027		mg/l	0.01000	0.00341	1	09/16/23 07:16	09/26/23 14:22	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-04

Date Collected: 09/13/23 14:10

Client ID: EF-09

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0242		mg/l	0.0100	0.00327	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Antimony, Total	0.00912		mg/l	0.00400	0.00042	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Arsenic, Total	0.00205		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Barium, Total	0.00300		mg/l	0.00050	0.00017	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Cadmium, Total	0.00008	J	mg/l	0.00020	0.00005	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Calcium, Total	6.83		mg/l	0.100	0.0394	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00418		mg/l	0.00100	0.00017	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Copper, Total	0.02951		mg/l	0.00100	0.00038	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Iron, Total	0.118		mg/l	0.0500	0.0191	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Lead, Total	0.00368		mg/l	0.00100	0.00034	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Magnesium, Total	10.8		mg/l	0.0700	0.0242	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Manganese, Total	0.00257		mg/l	0.00100	0.00044	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Mercury, Total	ND		mg/l	0.00020	0.00009	1	09/16/23 09:29	09/26/23 17:49	EPA 7470A	1,7470A	RJP
Nickel, Total	0.00532		mg/l	0.00200	0.00055	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Potassium, Total	14.2		mg/l	0.100	0.0309	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Sodium, Total	88.3		mg/l	0.100	0.0293	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Vanadium, Total	0.6487		mg/l	0.00500	0.00157	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF
Zinc, Total	0.00826	J	mg/l	0.01000	0.00341	1	09/16/23 07:16	09/26/23 14:26	EPA 3005A	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1827617-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Calcium, Total	ND	mg/l	0.100	0.0394	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/16/23 07:16	09/26/23 12:04	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1827620-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/16/23 09:29	09/26/23 16:42	1,7470A	RJP



Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1827617-2								
Aluminum, Total	107		-		80-120	-		
Antimony, Total	87		-		80-120	-		
Arsenic, Total	108		-		80-120	-		
Barium, Total	97		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	106		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	103		-		80-120	-		
Cobalt, Total	100		-		80-120	-		
Copper, Total	104		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	96		-		80-120	-		
Magnesium, Total	101		-		80-120	-		
Manganese, Total	104		-		80-120	-		
Nickel, Total	101		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	106		-		80-120	-		
Silver, Total	109		-		80-120	-		
Sodium, Total	110		-		80-120	-		
Thallium, Total	103		-		80-120	-		
Vanadium, Total	104		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353390

Report Date: 09/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1827617-2					
Zinc, Total	105	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1827620-2					
Mercury, Total	84	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION**Project Number:** Not Specified**Lab Number:** L2353390**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-01

Client ID: EF-06

Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 09:30

Date Received: 09/13/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353390-02

Date Collected: 09/13/23 09:38

Client ID: EF-07

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	28.		mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION**Project Number:** Not Specified**Lab Number:** L2353390**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-03

Client ID: EF-08

Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:00

Date Received: 09/13/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION**Project Number:** Not Specified**Lab Number:** L2353390**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353390-04

Client ID: EF-09

Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 14:10

Date Received: 09/13/23

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-04 Batch: WG1828615-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/18/23 08:34	121,2540D	MRS

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-04 Batch: WG1828615-2								
Solids, Total Suspended	98		-		80-120	-		



Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact
E	Present/Intact
F	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353390-01A	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-8260(14)
L2353390-01B	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-8260(14)
L2353390-01C	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-8260(14)
L2353390-01D	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-VPH-18(14)
L2353390-01E	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-VPH-18(14)
L2353390-01F	Vial HCl preserved	E	NA		2.4	Y	Present/Intact		ME-VPH-18(14)
L2353390-01G	Amber 120ml unpreserved	E	7	7	2.4	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-01H	Amber 120ml unpreserved	E	7	7	2.4	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-01I	Plastic 250ml HNO3 preserved	E	<2	<2	2.4	Y	Present/Intact		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2353390-01J	Plastic 950ml unpreserved	E	7	7	2.4	Y	Present/Intact		TSS-2540(7)
L2353390-01K	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-01L	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-01M	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)

Project Name: MASON STATION

Lab Number: L2353390

Project Number: Not Specified

Report Date: 09/28/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353390-01N	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-01O	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-01P	Amber 1000ml unpreserved	E	7	7	2.4	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-01Q	Amber 1000ml HCl preserved	E	<2	<2	2.4	Y	Present/Intact		EPH-20(14)
L2353390-01R	Amber 1000ml HCl preserved	E	<2	<2	2.4	Y	Present/Intact		EPH-20(14)
L2353390-02A	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-8260(14)
L2353390-02B	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-8260(14)
L2353390-02C	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-8260(14)
L2353390-02D	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-VPH-18(14)
L2353390-02E	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-VPH-18(14)
L2353390-02F	Vial HCl preserved	C	NA		3.9	Y	Present/Intact		ME-VPH-18(14)
L2353390-02G	Amber 120ml unpreserved	C	7	7	3.9	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-02H	Amber 120ml unpreserved	C	7	7	3.9	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-02I	Plastic 250ml HNO3 preserved	C	<2	<2	3.9	Y	Present/Intact		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CD-6020T(180),CO-6020T(180)
L2353390-02J	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		TSS-2540(7)
L2353390-02K	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-02L	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-02M	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-02O	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-02P	Amber 1000ml unpreserved	C	7	7	3.9	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-02Q	Amber 1000ml HCl preserved	C	<2	<2	3.9	Y	Present/Intact		EPH-20(14)
L2353390-02R	Amber 1000ml HCl preserved	C	<2	<2	3.9	Y	Present/Intact		EPH-20(14)
L2353390-03A	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-8260(14)
L2353390-03B	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353390-03C	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-8260(14)
L2353390-03D	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-VPH-18(14)
L2353390-03E	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-VPH-18(14)
L2353390-03F	Vial HCl preserved	F	NA		3.5	Y	Present/Intact		ME-VPH-18(14)
L2353390-03G	Amber 120ml unpreserved	F	7	7	3.5	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-03H	Amber 120ml unpreserved	F	7	7	3.5	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-03I	Plastic 250ml HNO3 preserved	F	<2	<2	3.5	Y	Present/Intact		SE-6020T(180),FE-6020T(180),BA-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2353390-03J	Plastic 950ml unpreserved	A	7	7	2.8	Y	Present/Intact		TSS-2540(7)
L2353390-03K	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-03L	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-03M	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-03N	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-03O	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-03P	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-03Q	Amber 1000ml HCl preserved	F	<2	<2	3.5	Y	Present/Intact		EPH-20(14)
L2353390-03R	Amber 1000ml HCl preserved	F	<2	<2	3.5	Y	Present/Intact		EPH-20(14)
L2353390-04A	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353390-04B	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353390-04C	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353390-04D	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-VPH-18(14)
L2353390-04E	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-VPH-18(14)
L2353390-04F	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-VPH-18(14)
L2353390-04G	Amber 120ml unpreserved	A	7	7	2.8	Y	Present/Intact		PCB-8082-LVI(365)
L2353390-04H	Amber 120ml unpreserved	A	7	7	2.8	Y	Present/Intact		PCB-8082-LVI(365)

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353390-04I	Plastic 250ml HNO3 preserved	F	<2	<2	3.5	Y	Present/Intact		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2353390-04J	Plastic 950ml unpreserved	F	7	7	3.5	Y	Present/Intact		TSS-2540(7)
L2353390-04K	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-04L	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-04M	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-04N	Amber 1000ml unpreserved	F	7	7	3.5	Y	Present/Intact		8270TCL(7),8270TCL-SIM(7)
L2353390-04O	Amber 1000ml unpreserved	A	7	7	2.8	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-04P	Amber 1000ml unpreserved	A	7	7	2.8	Y	Present/Intact		SUB-ASBESTOS-TEM(2)
L2353390-04Q	Amber 1000ml HCl preserved	A	<2	<2	2.8	Y	Present/Intact		EPH-20(14)
L2353390-04R	Amber 1000ml HCl preserved	A	<2	<2	2.8	Y	Present/Intact		EPH-20(14)
L2353390-05A	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)
L2353390-05B	Vial HCl preserved	A	NA		2.8	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353390
Report Date: 09/28/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353390**Project Number:** Not Specified**Report Date:** 09/28/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP

Address: 17 State House Station

Phone: 207-441-2181

Fax:

Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/13/23

ALPHA Job #: L23 53390

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)	Sample Specific Comments
53390-01	EF-06	13 Sept 23	9:30	E	CR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
-02	EF-07	↓	9:30	E	FW	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
-03	EF-08	↓	10:00	E	LR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
-04	EF-09	13 Sept 23	14:10	E	MTB	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
-05	TRIP Blank	↓	14:10			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

TOTAL # BOTTLES

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By: *[Signature]* Date/Time: 9/13/23 10:20
 Received By: *[Signature]* Date/Time: 13 Sept 23 10:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.



Bill Shipping Charge to

Shipper Next Day
 Recipient Same Day

113848

10 Iron Road
 Hermon, Maine 04401

Special _____
 Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
 Falmouth, Maine 04105

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>73 Center St</u>	Street <u>811 Park Drive</u>
Origin <u>Brewer ME</u> Zip Code <u>04417</u>	Destination <u>Waltham MA</u> Zip Code <u>01581</u>
Phone # _____	Phone # _____

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
10		Cooleg			

10	◀ TOTAL PIECES	WEIGHT GRAND TOTAL ▶	TOTAL CHARGES ▶
----	----------------	----------------------	-----------------

Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
 Shipper's Signature Murray Beale

Please use complete ship to address.
 Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER	PICK-UP TIME <u>800</u>	RECIPIENT	DELIVERY TIME
SHIPPER SIGNATURE <u>S. King</u>	DATE <u>9/13/23</u>	COURIER SIGNATURE <u>[Signature]</u>	DATE <u>9/13/23</u>

RECIPIENT COPY



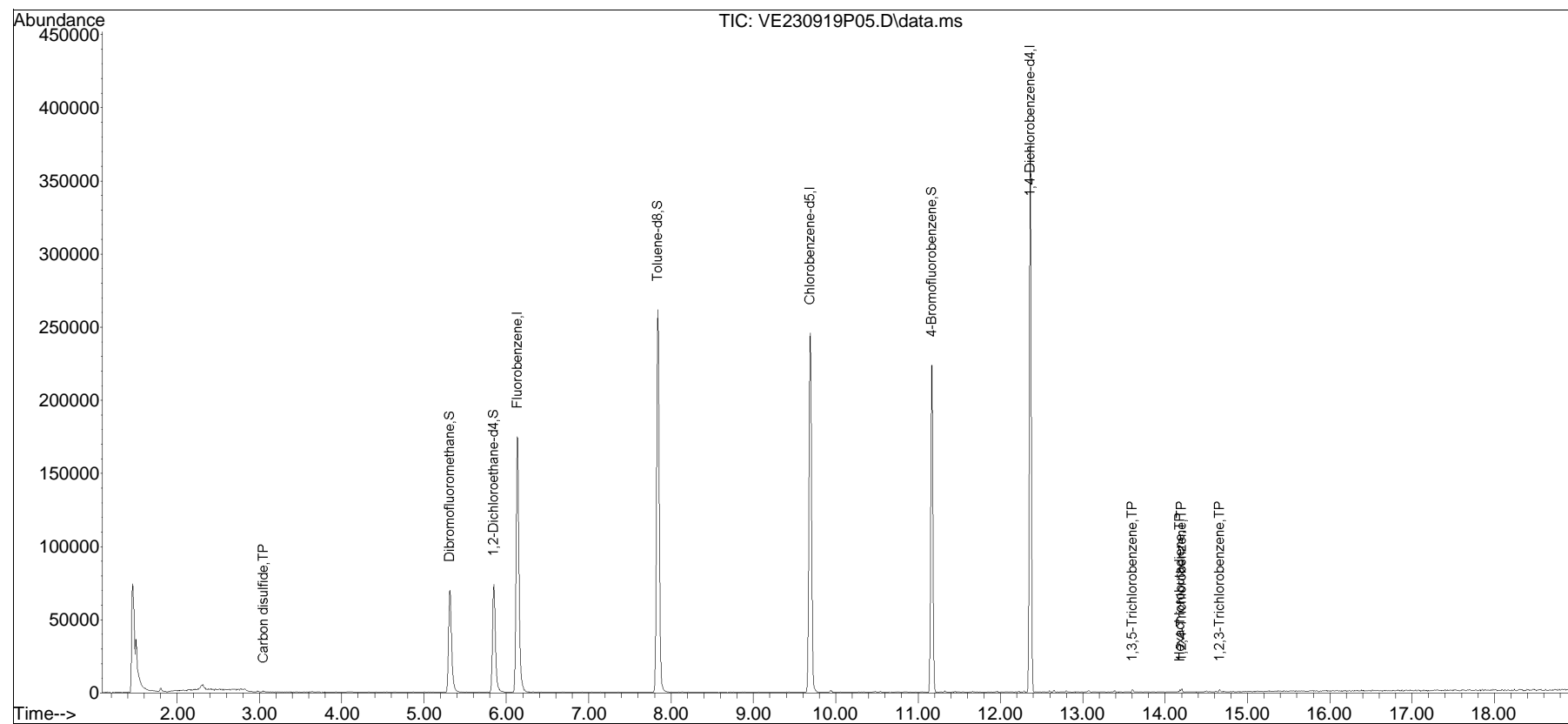


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P05.D
Acq On : 19 Sep 2023 7:43 pm
Operator : ELAINE:TMS
Sample : WG1829720-5,31,10,10
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 20:07:16 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

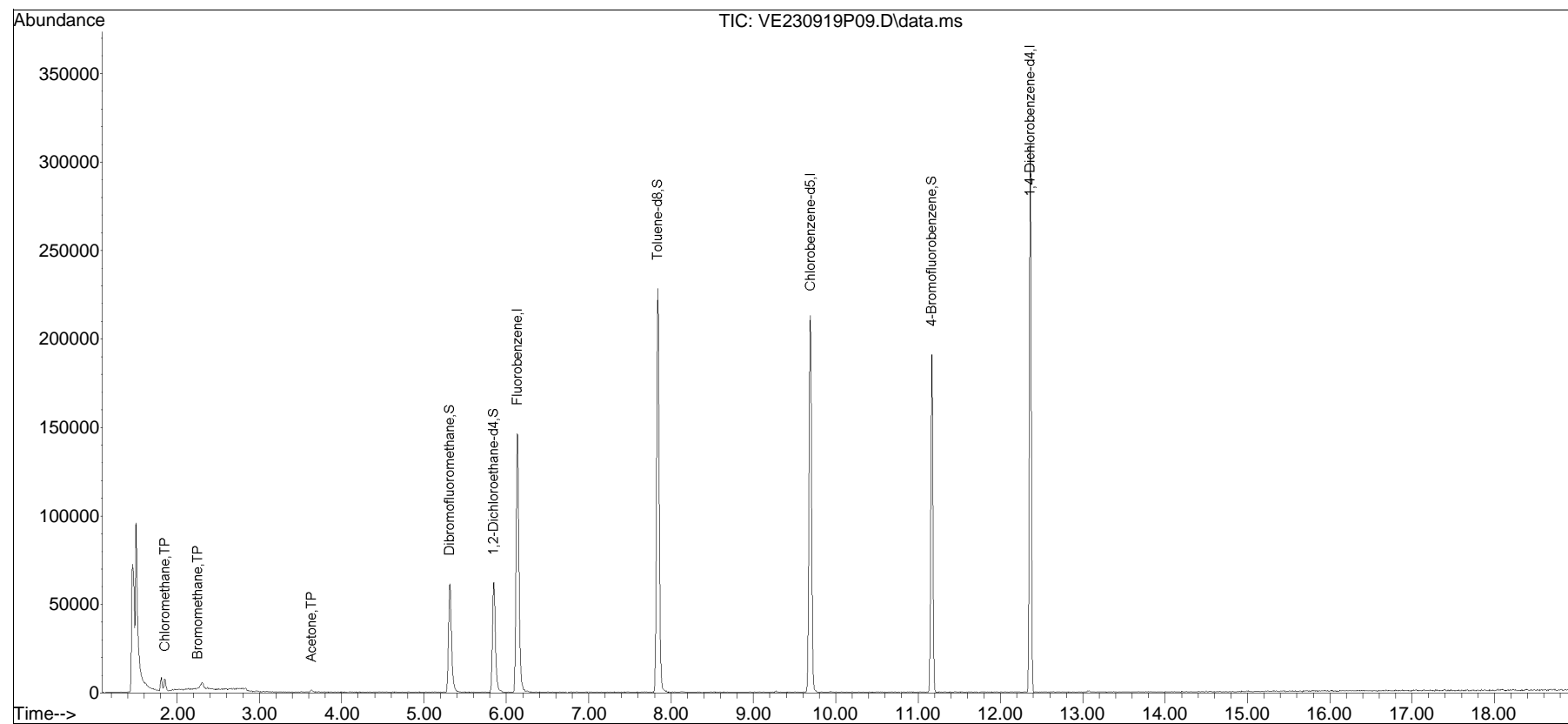


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P09.D
Acq On : 19 Sep 2023 9:23 pm
Operator : ELAINE:MKS
Sample : L2353390-01,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 09:28:14 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

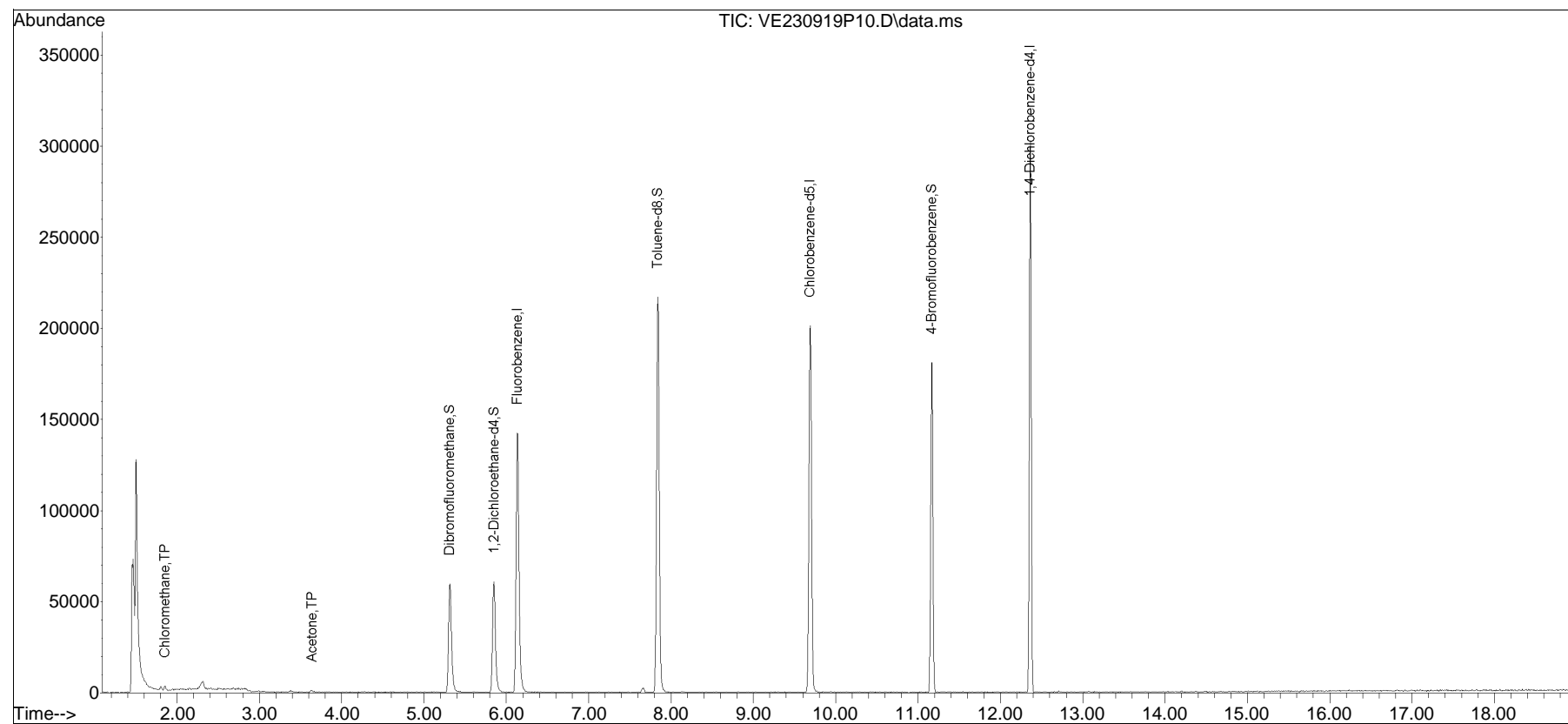


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P10.D
Acq On : 19 Sep 2023 9:47 pm
Operator : ELAINE:MKS
Sample : L2353390-02,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 10:23:39 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

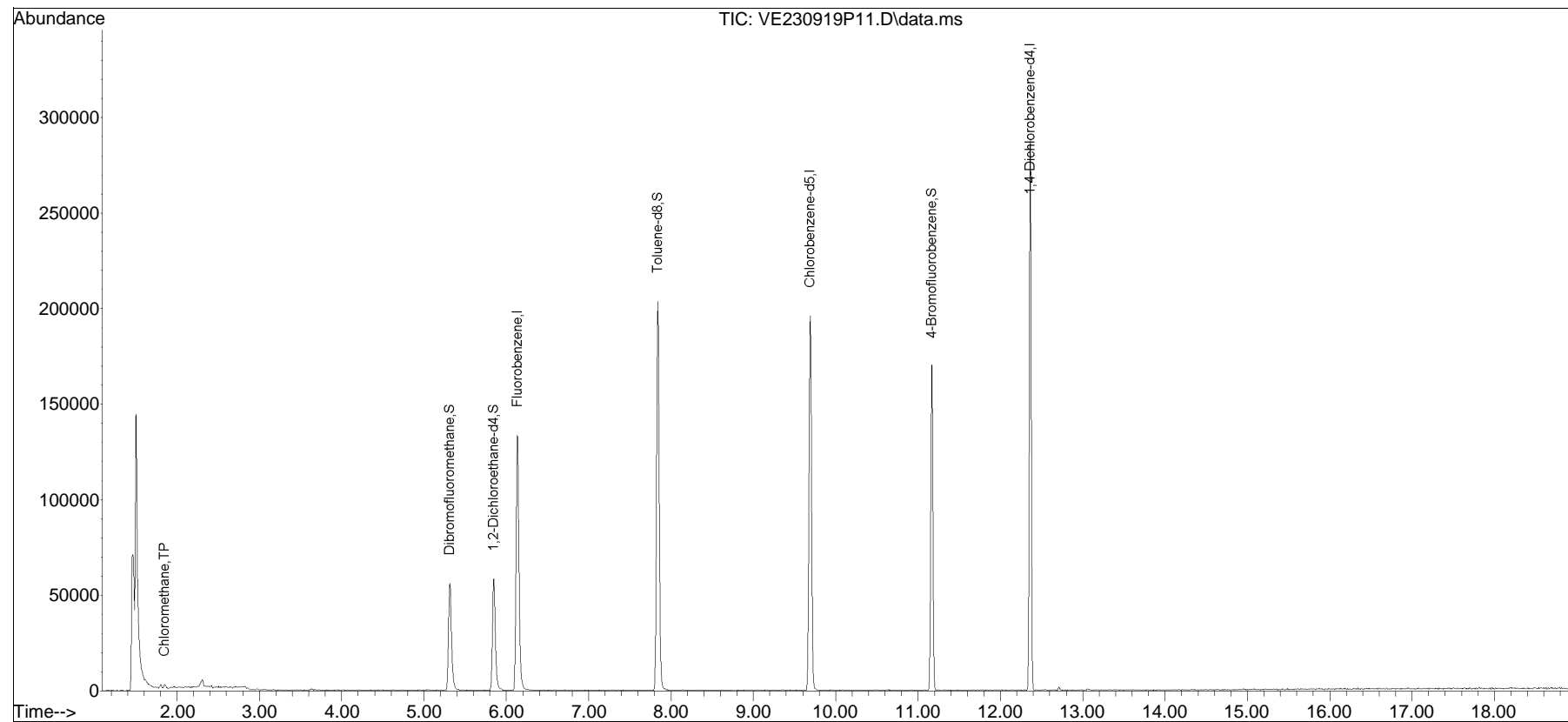


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P11.D
Acq On : 19 Sep 2023 10:12 pm
Operator : ELAINE:MKS
Sample : L2353390-03,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 09:28:24 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

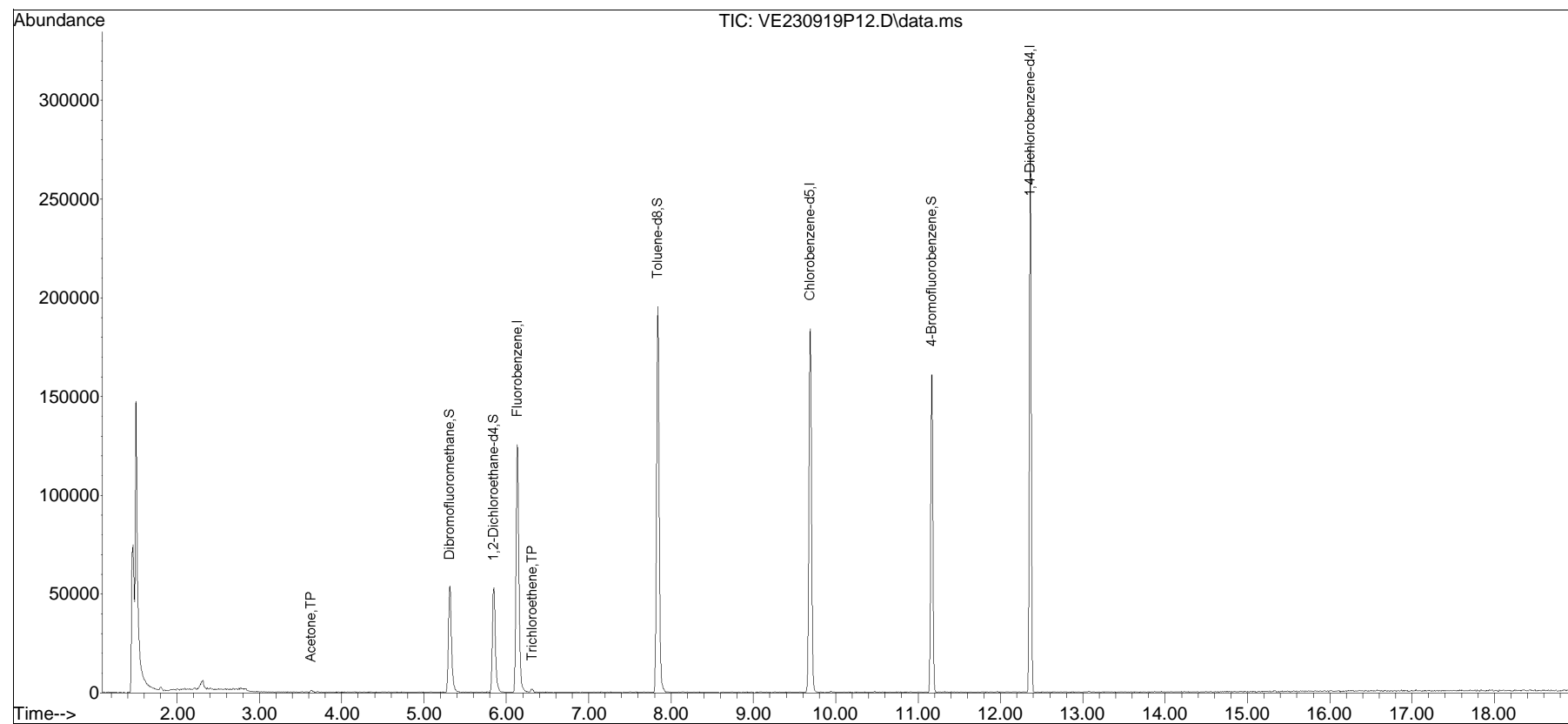


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P12.D
Acq On : 19 Sep 2023 10:38 pm
Operator : ELAINE:MKS
Sample : L2353390-04,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 10:24:28 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

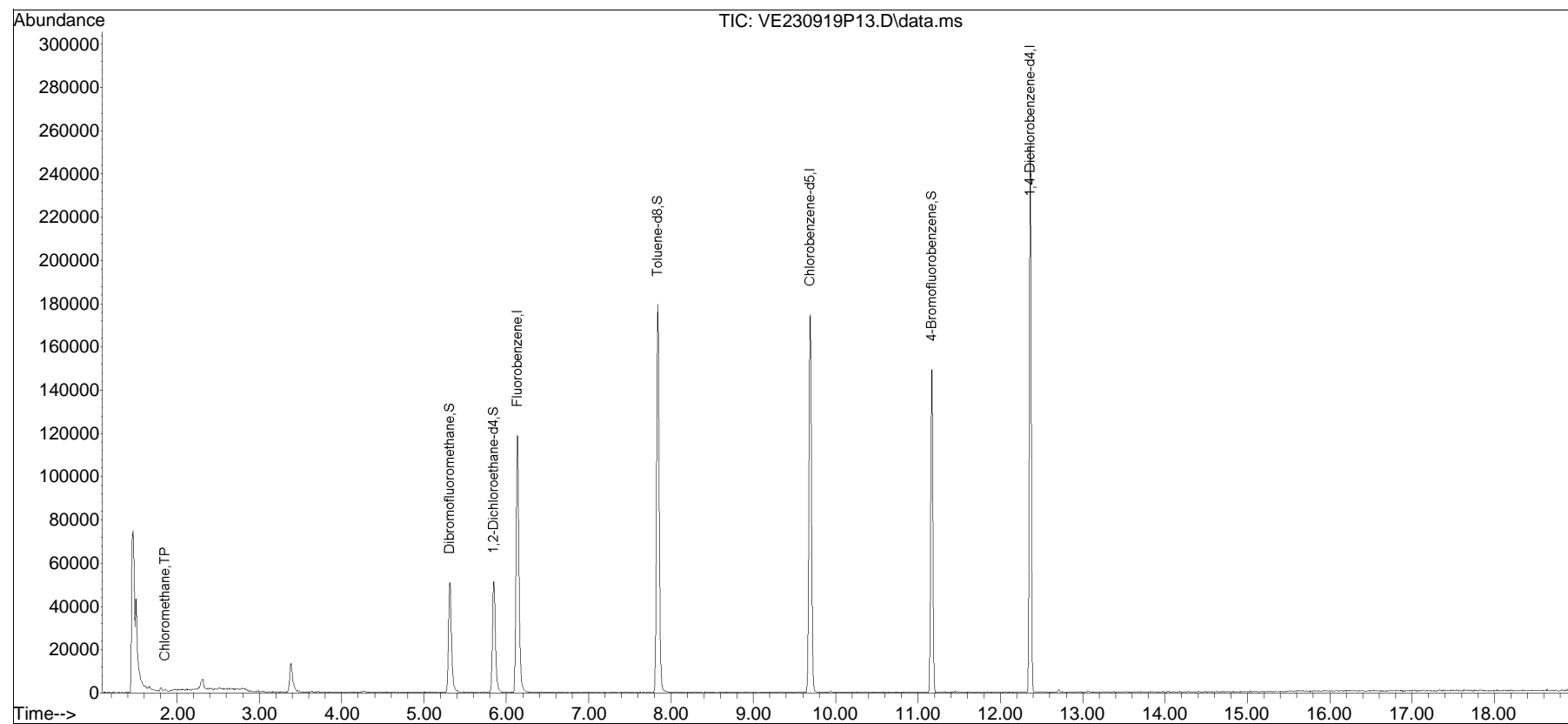


Quantitation Report (QT Reviewed)

Data Path : K:\Elaine\2023\230919P\
Data File : VE230919P13.D
Acq On : 19 Sep 2023 11:03 pm
Operator : ELAINE:MKS
Sample : L2353390-05,31,10,10,,A
Misc : WG1829720,ICAL20198
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 09:28:50 2023
Quant Method : K:\Elaine\2023\230919P\Elaine_230725N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Jul 26 08:20:35 2023
Response via : Initial Calibration

Sub List : 8260-Curve - Megamix plus Diox30919P02.D•

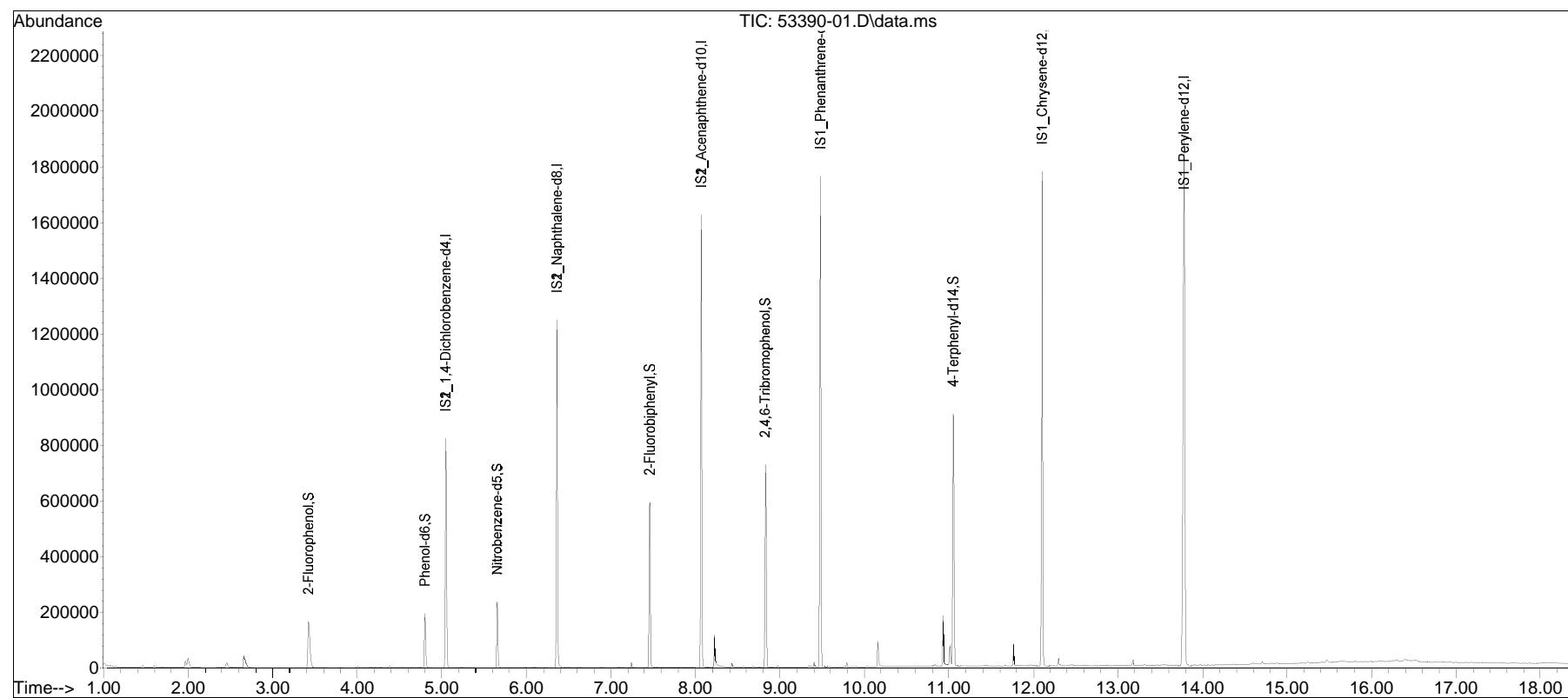


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919n\
Data File : 53390-01.D
Acq On : 20 Sep 2023 1:49 am
Operator : Mork:als
Sample : L2353390-01,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 25 11:43:00 2023
Quant Method : I:\8270\mork\230919n\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 02:08:24 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

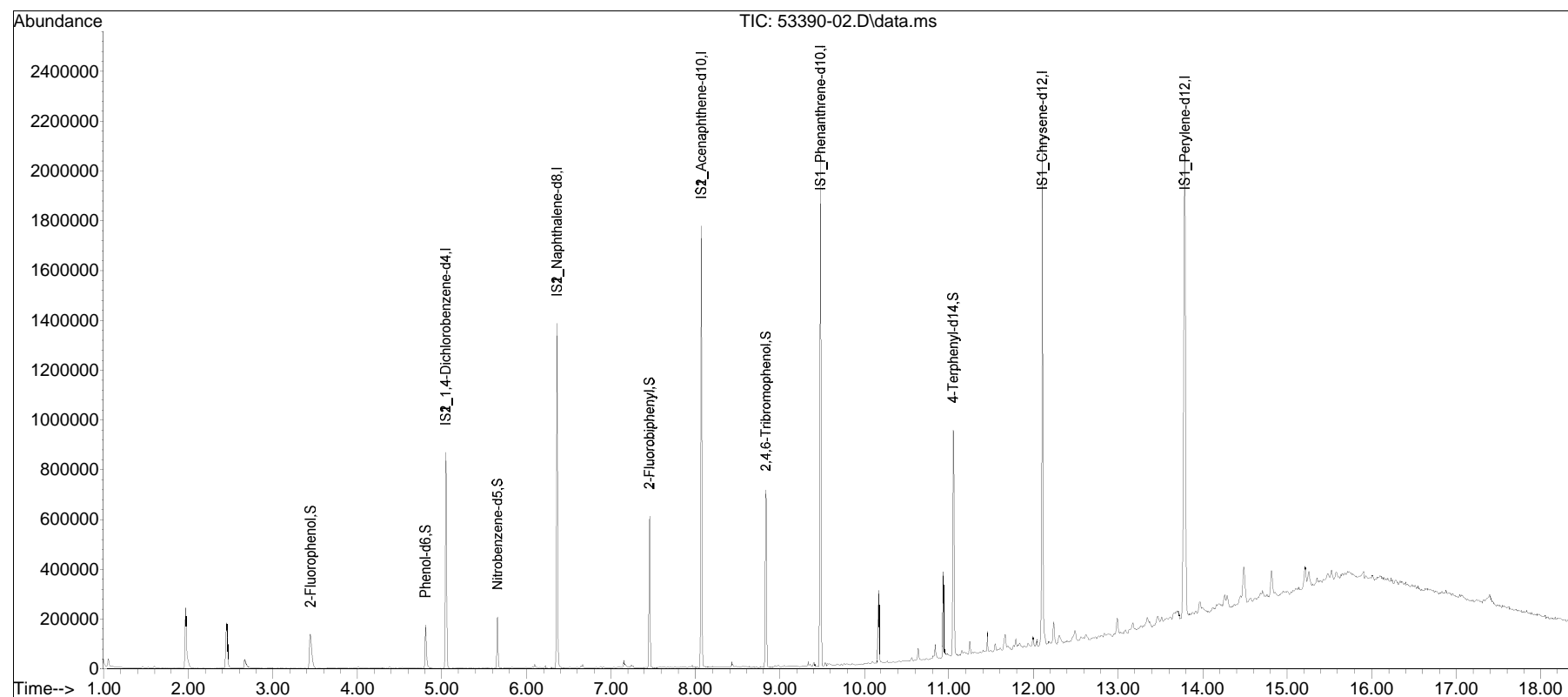


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919\
Data File : 53390-02.D
Acq On : 20 Sep 2023 3:24 am
Operator : Mork:als
Sample : L2353390-02,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 25 11:43:39 2023
Quant Method : I:\8270\mork\230919\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 03:43:26 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

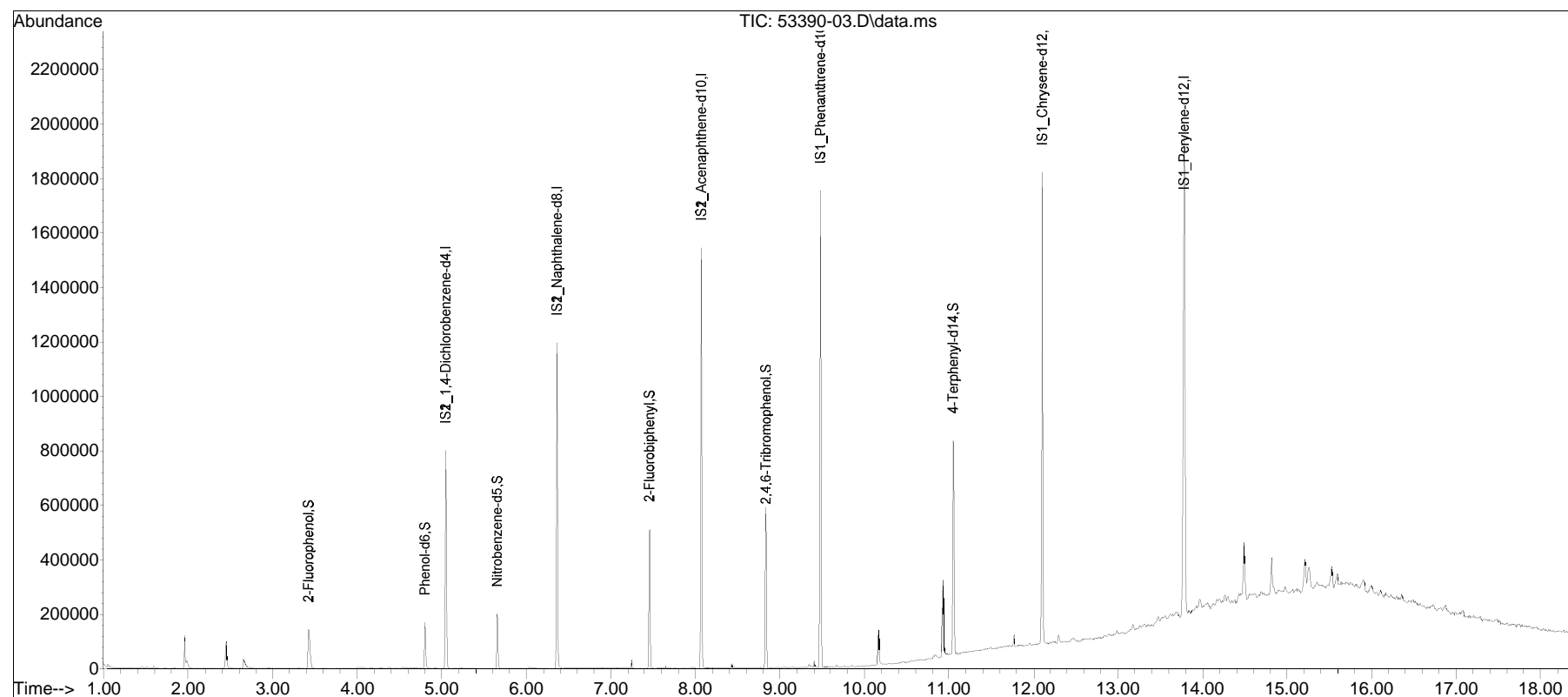


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919\
Data File : 53390-03.D
Acq On : 20 Sep 2023 2:36 am
Operator : Mork:als
Sample : L2353390-03,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 25 11:44:03 2023
Quant Method : I:\8270\mork\230919\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 02:56:07 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

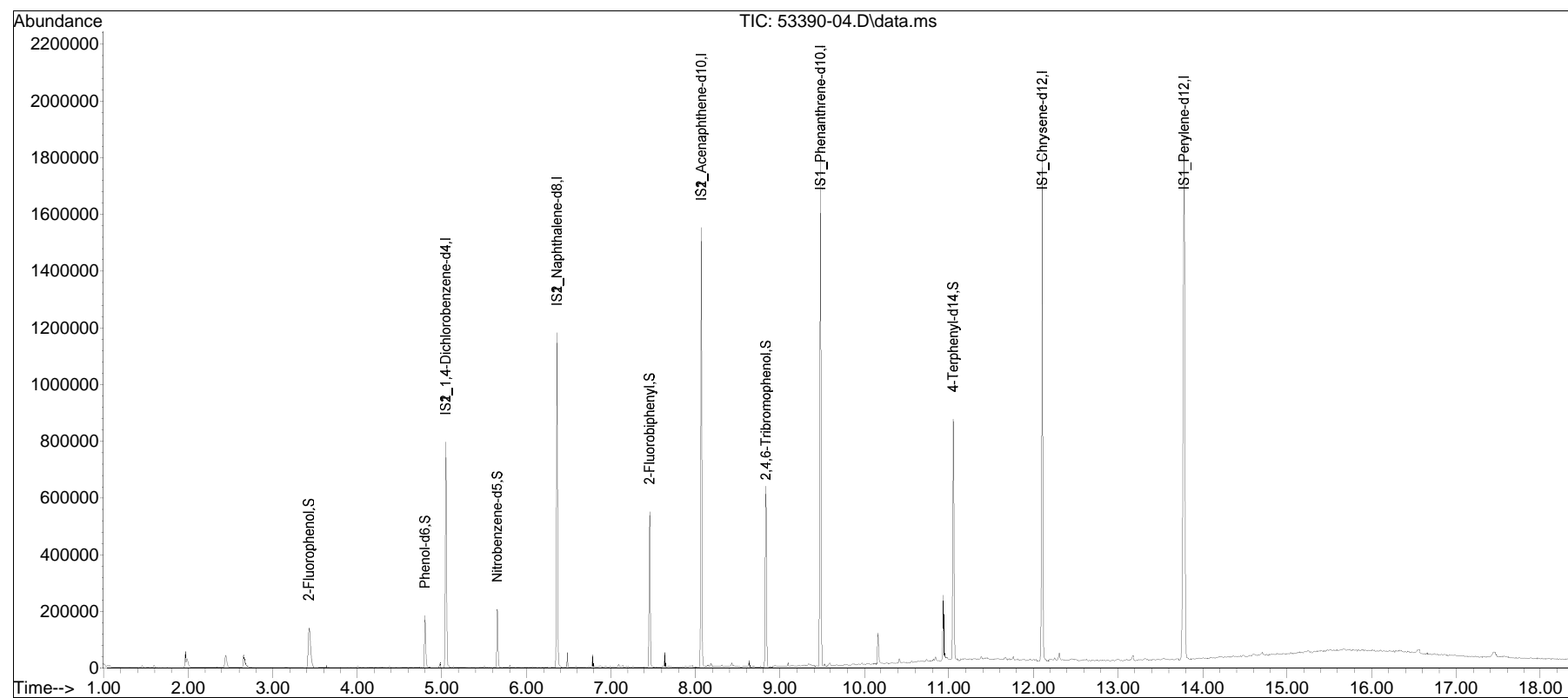


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\230919\
Data File : 53390-04.D
Acq On : 20 Sep 2023 2:12 am
Operator : Mork:als
Sample : L2353390-04,32,,ASK
Misc : WG1828926,WG1828057,ical20359
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 11:44:30 2023
Quant Method : I:\8270\mork\230919\FS230912Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 02:31:52 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

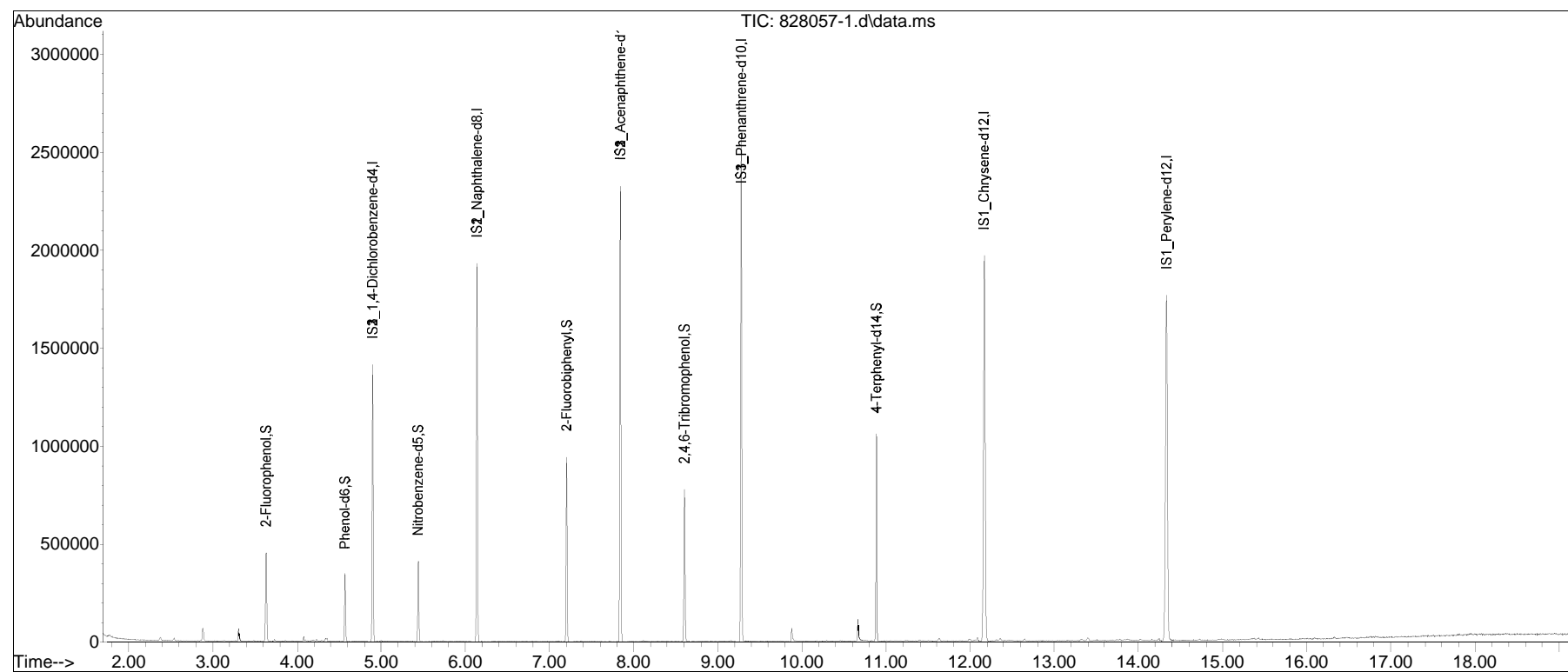


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\230916a\
Data File : 828057-1.d
Acq On : 16 Sep 2023 12:20 pm
Operator : SV103:cmm
Sample : WG1828057-1,32,,gmr
Misc : WG1828269,WG1828057,ical20013
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 16 16:41:23 2023
Quant Method : I:\8270\sv103\230916a\FS230515nSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 12:40:34 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAa\AP90916.d••

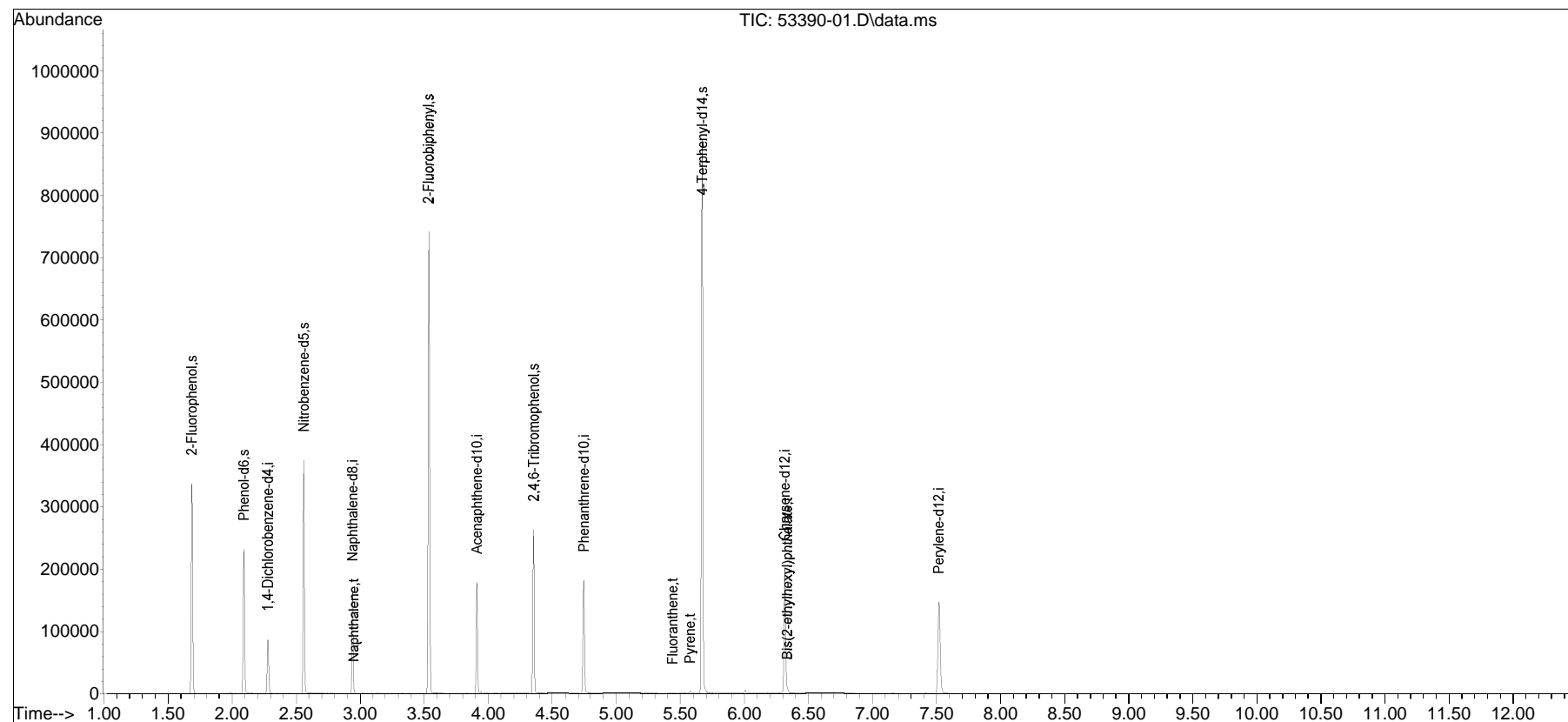


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
Data File : 53390-01.D
Acq On : 17 Sep 2023 02:10 pm
Operator : SV120:dv
Sample : L2353390-01,32,,ah
Misc : WG1828398,wg1828058,ical19770
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 25 12:20:18 2023
Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 17 07:55:27 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

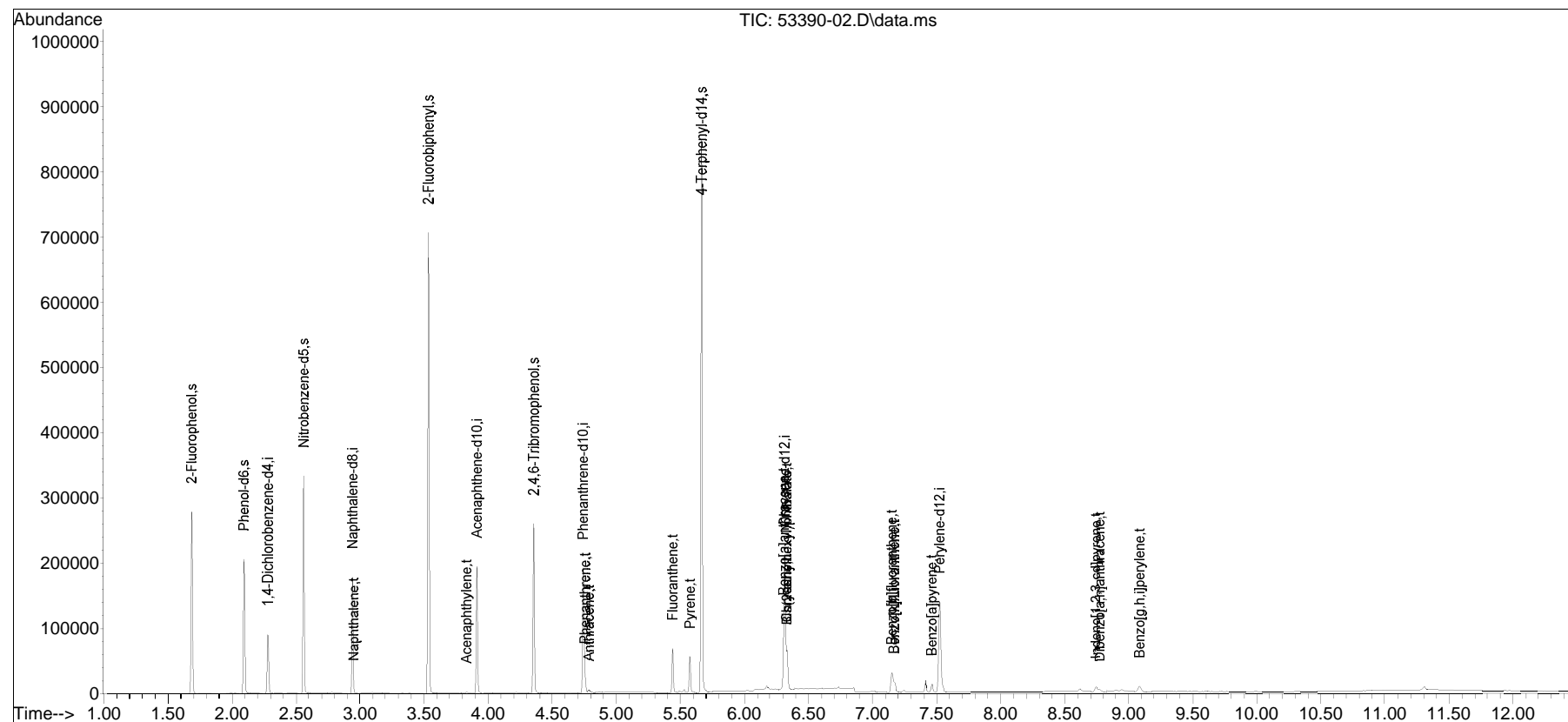


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53390-02.D
 Acq On : 17 Sep 2023 02:27 pm
 Operator : SV120:dv
 Sample : L2353390-02,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 25 12:21:54 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

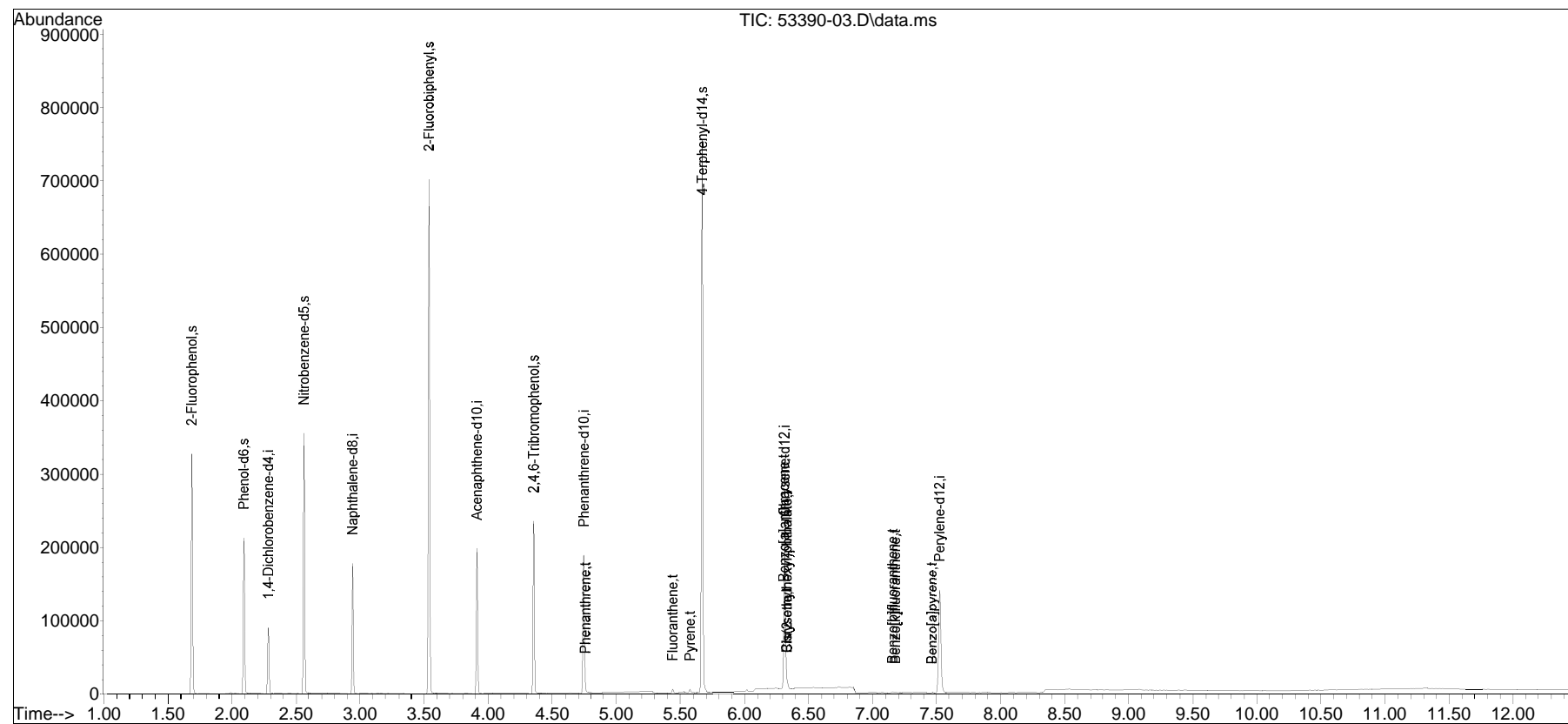


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
Data File : 53390-03.D
Acq On : 17 Sep 2023 02:43 pm
Operator : SV120:dv
Sample : L2353390-03,32,,ah
Misc : WG1828398,wg1828058,ical19770
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 12:23:15 2023
Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Sep 17 07:55:27 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

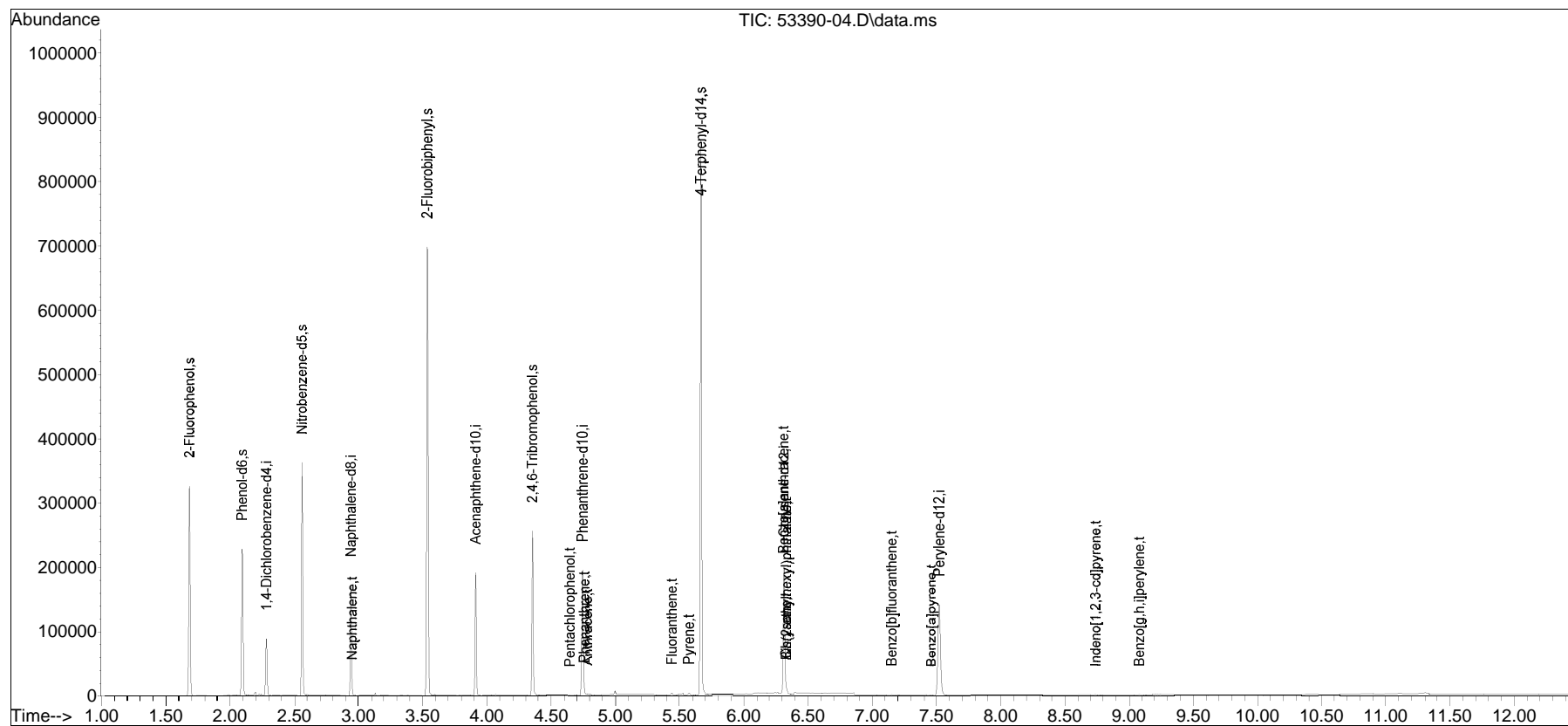


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230917ST\
 Data File : 53390-04.D
 Acq On : 17 Sep 2023 03:00 pm
 Operator : SV120:dv
 Sample : L2353390-04,32,,ah
 Misc : WG1828398,wg1828058,ical19770
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 25 12:24:47 2023
 Quant Method : I:\8270sim\sv120\230917ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Sun Sep 17 07:55:27 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0917.D•

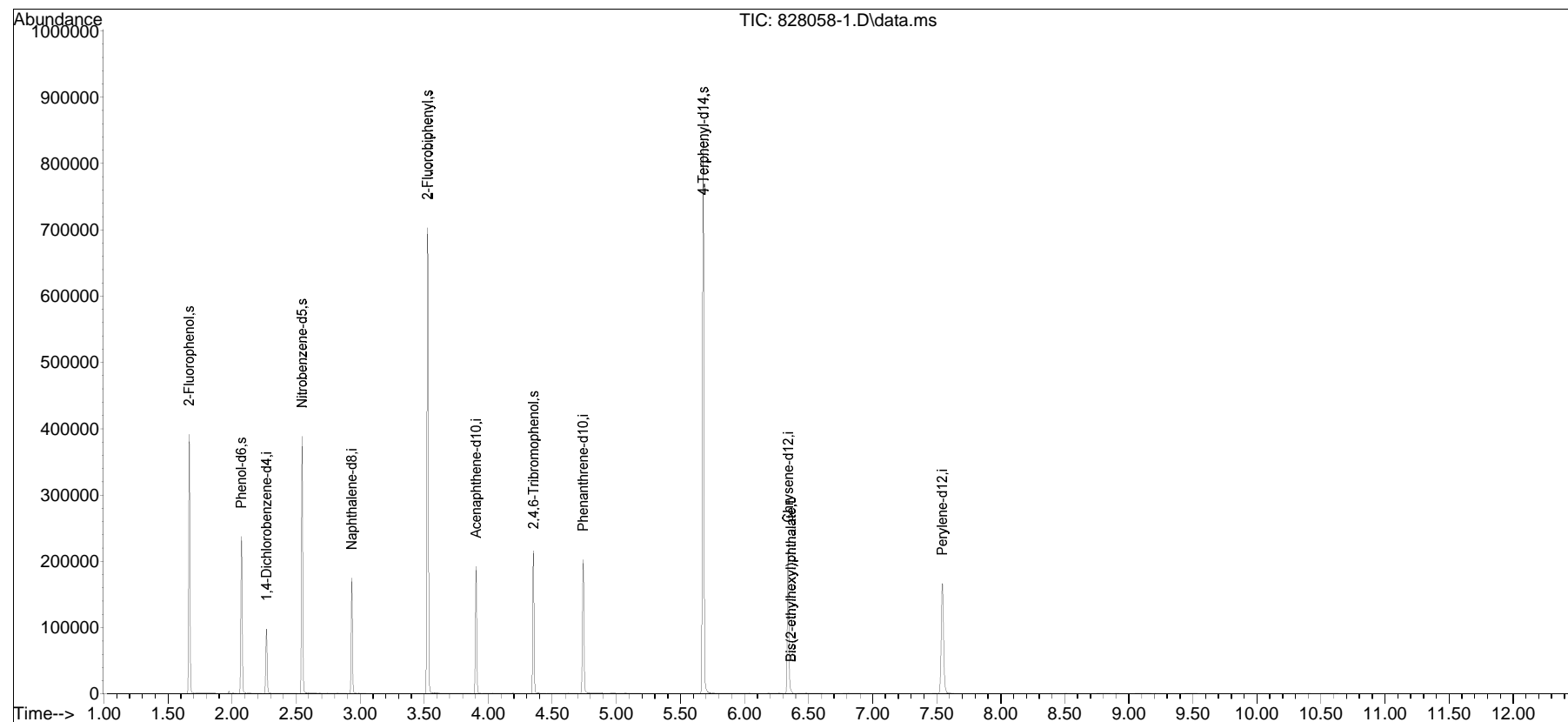


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230916ST\
Data File : 828058-1.D
Acq On : 16 Sep 2023 06:05 pm
Operator : SV120:jjw
Sample : WG1828058-1,32,,rp
Misc : WG1828348,WG1828058,ical19770
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 17 10:40:49 2023
Quant Method : I:\8270sim\sv120\230916ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Sep 16 17:42:13 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0916a.D•

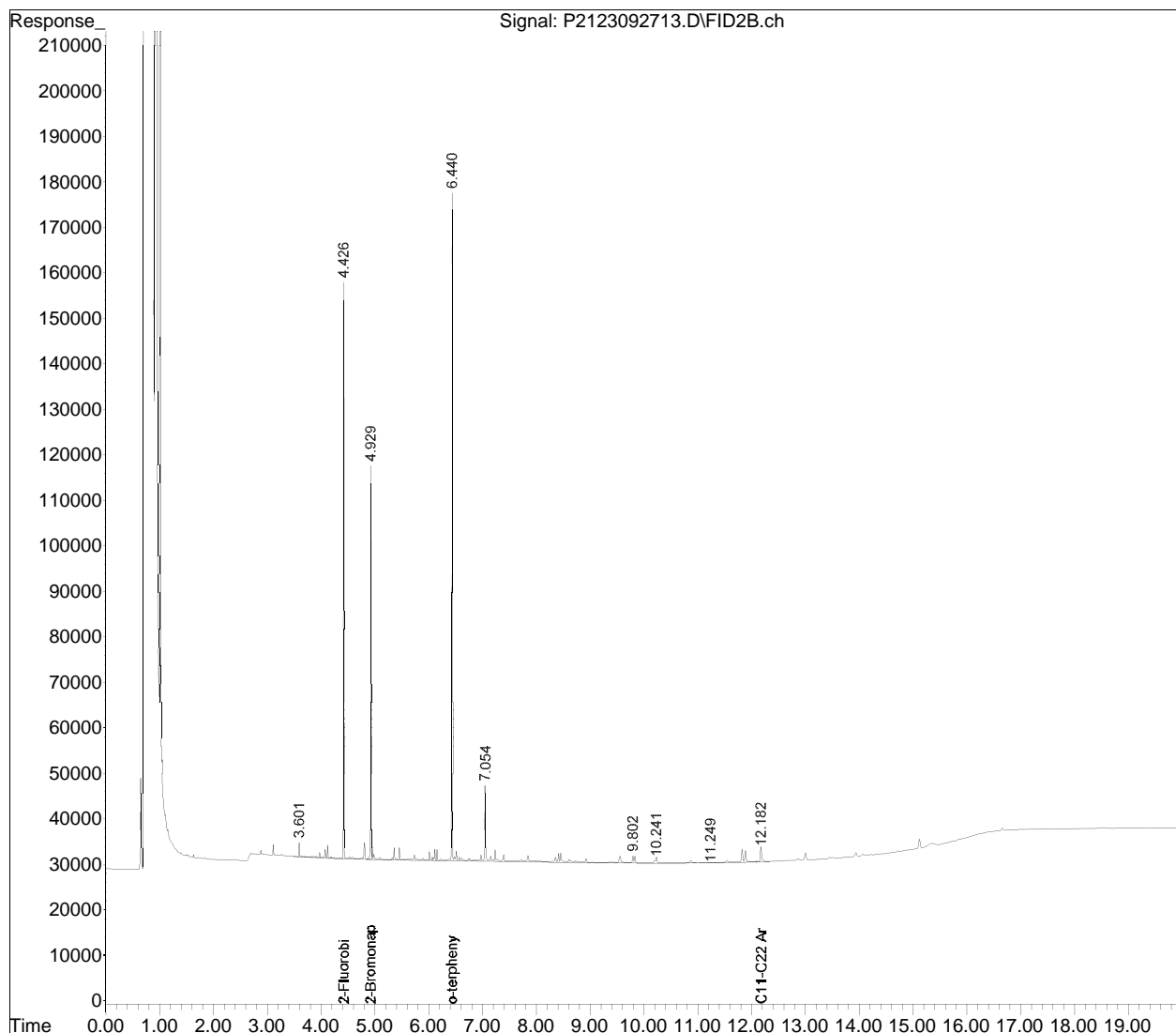


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230927.SEC\
Data File : P2123092713.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 2:19 pm
Operator : Petro21b:MTC
Sample : WG1832282-1,42,,
Misc : WG1832445,WG1832282,ICAL18504
ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 27 14:59:10 2023
Quant Method : I:\PETRO\Petro21\2023\230927.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Sun Sep 24 10:36:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

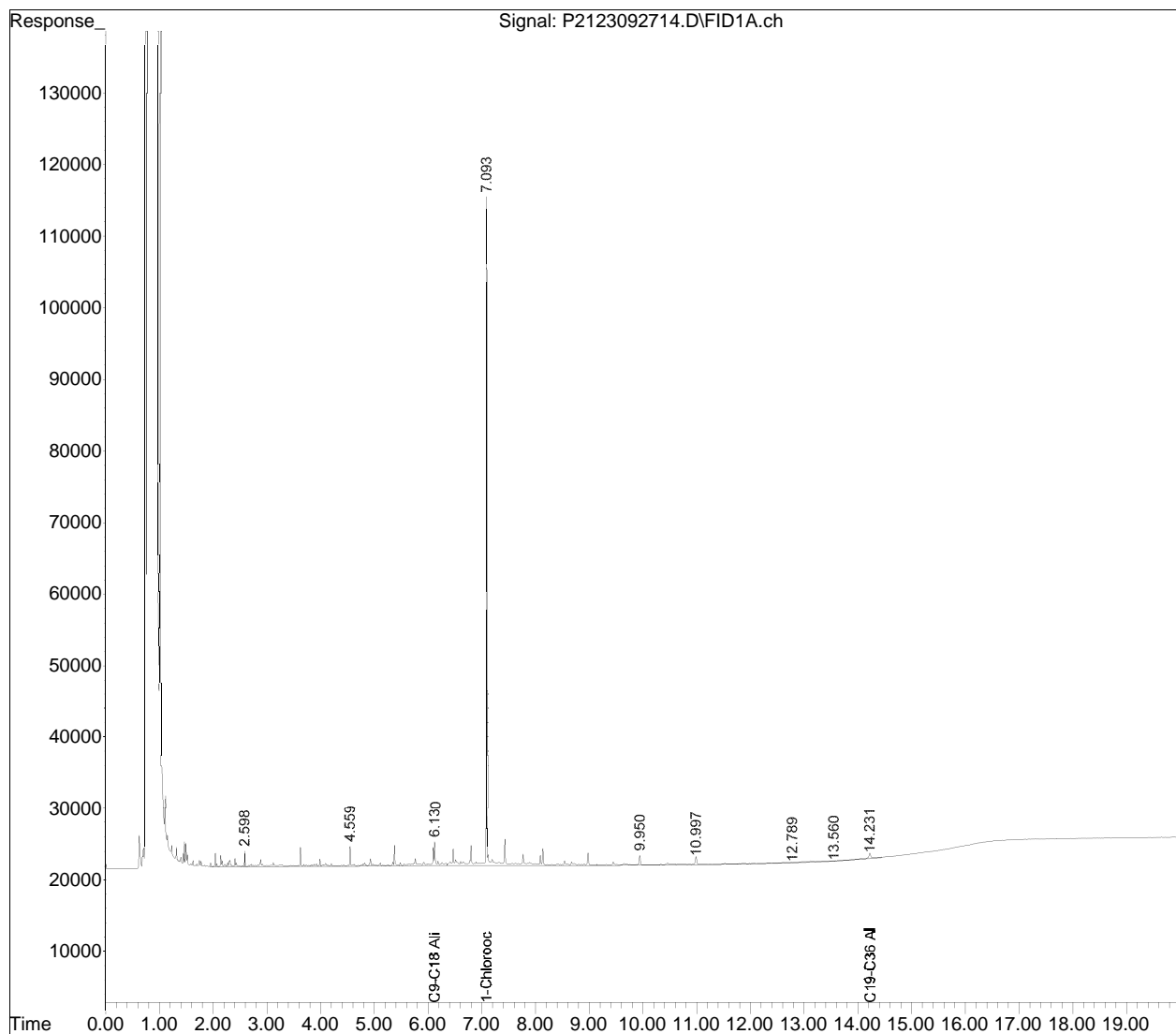


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230927\
Data File : P2123092714.D
Signal(s) : FID1A.ch
Acq On : 27 Sep 2023 2:19 pm
Operator : Petro21a:MTC
Sample : WG1832282-1,42,,
Misc : WG1832445,WG1832282,ICAL18505
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 27 14:57:35 2023
Quant Method : I:\PETRO\Petro21\2023\230927\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 27 07:42:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

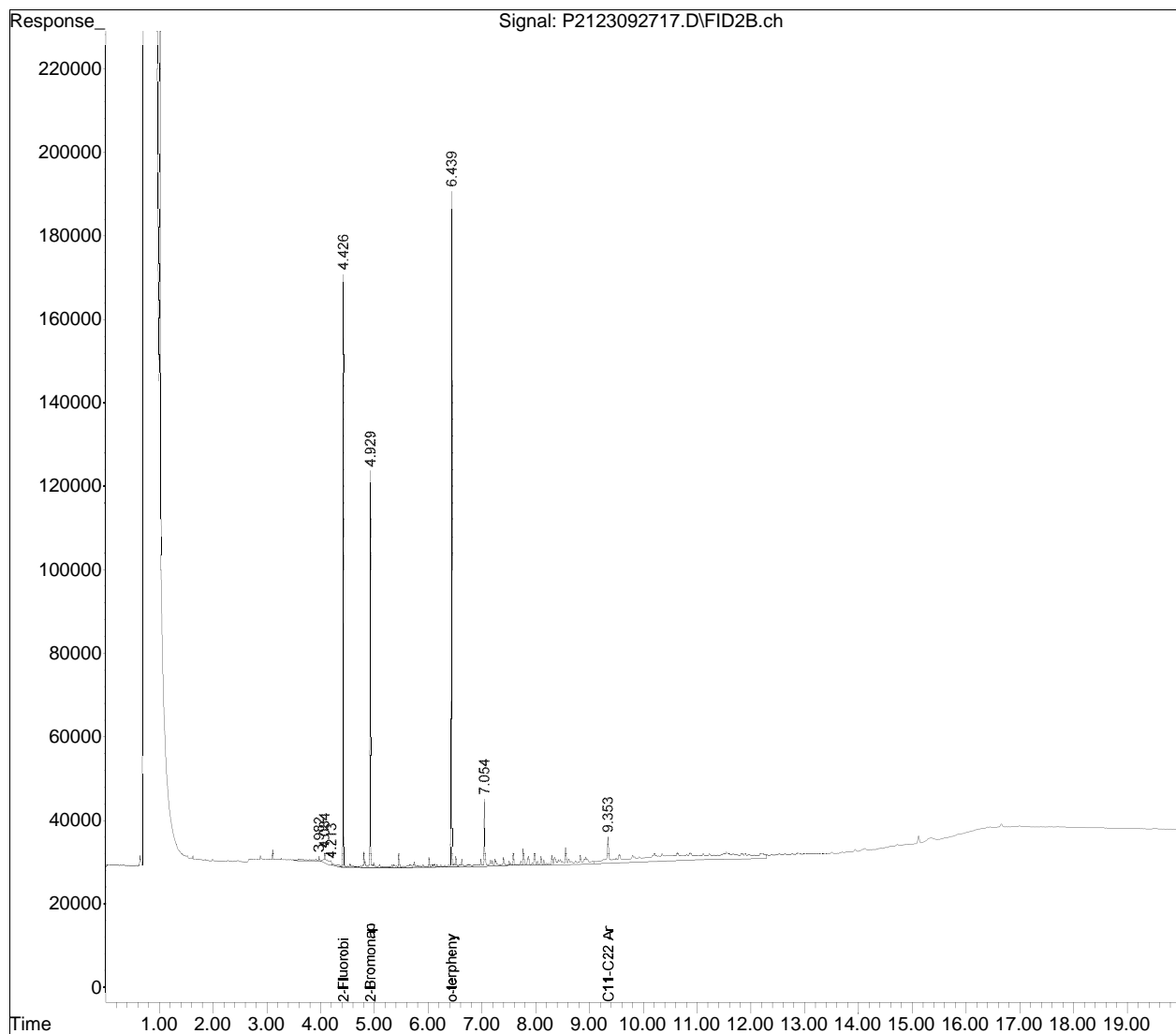


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230927.SEC\
Data File : P2123092717.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 3:09 pm
Operator : Petro21b:MTC
Sample : L2353390-02,42,,
Misc : WG1832445,WG1832282,ICAL18504
ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 27 15:45:04 2023
Quant Method : I:\PETRO\Petro21\2023\230927.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Sun Sep 24 10:36:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

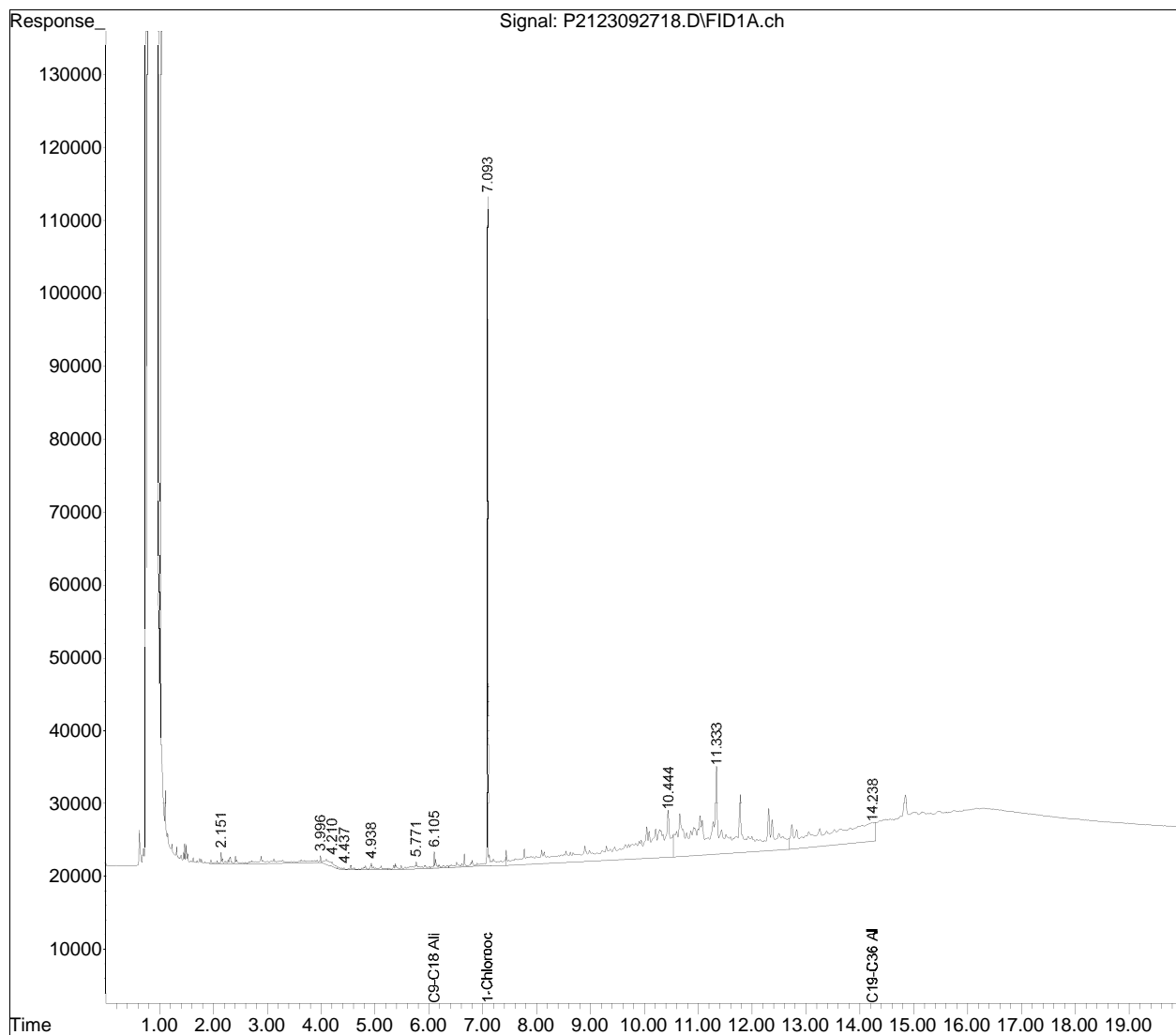


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230927\
Data File : P2123092718.D
Signal(s) : FID1A.ch
Acq On : 27 Sep 2023 3:09 pm
Operator : Petro21a:MTC
Sample : L2353390-02,42,,
Misc : WG1832445,WG1832282,ICAL18505
ALS Vial : 9 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 27 15:43:20 2023
Quant Method : I:\PETRO\Petro21\2023\230927\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 27 07:42:36 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

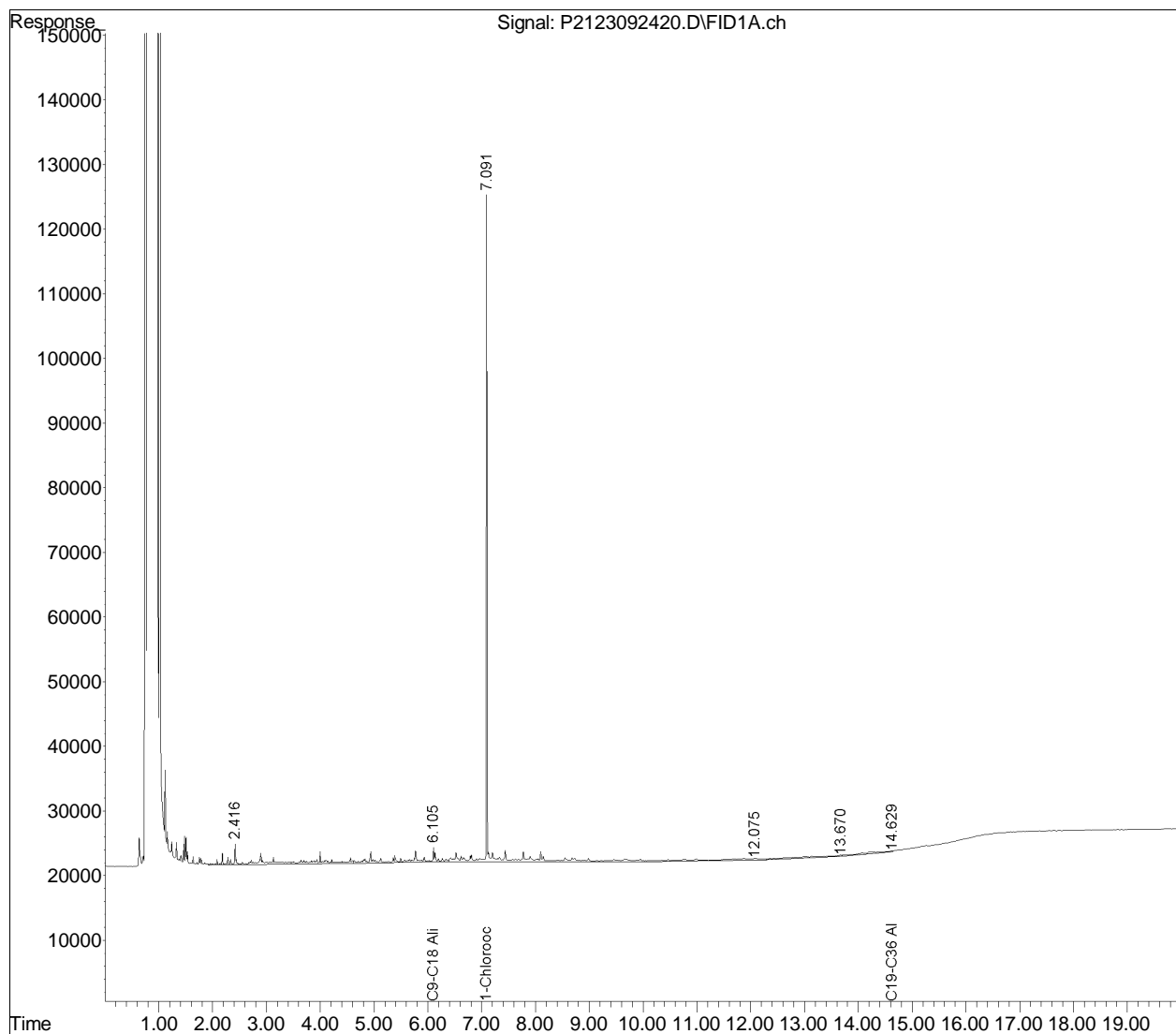


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230924\
Data File : P2123092420.D
Signal(s) : FID1A.ch
Acq On : 24 Sep 2023 2:40 pm
Operator : Petro21a:sc
Sample : WG1831152-1,eph20-e,,
Misc : WG1831282,WG1831152,ical18505
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 11:37:11 2023
Quant Method : I:\PETRO\Petro21\2023\230924\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sun Sep 24 10:33:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

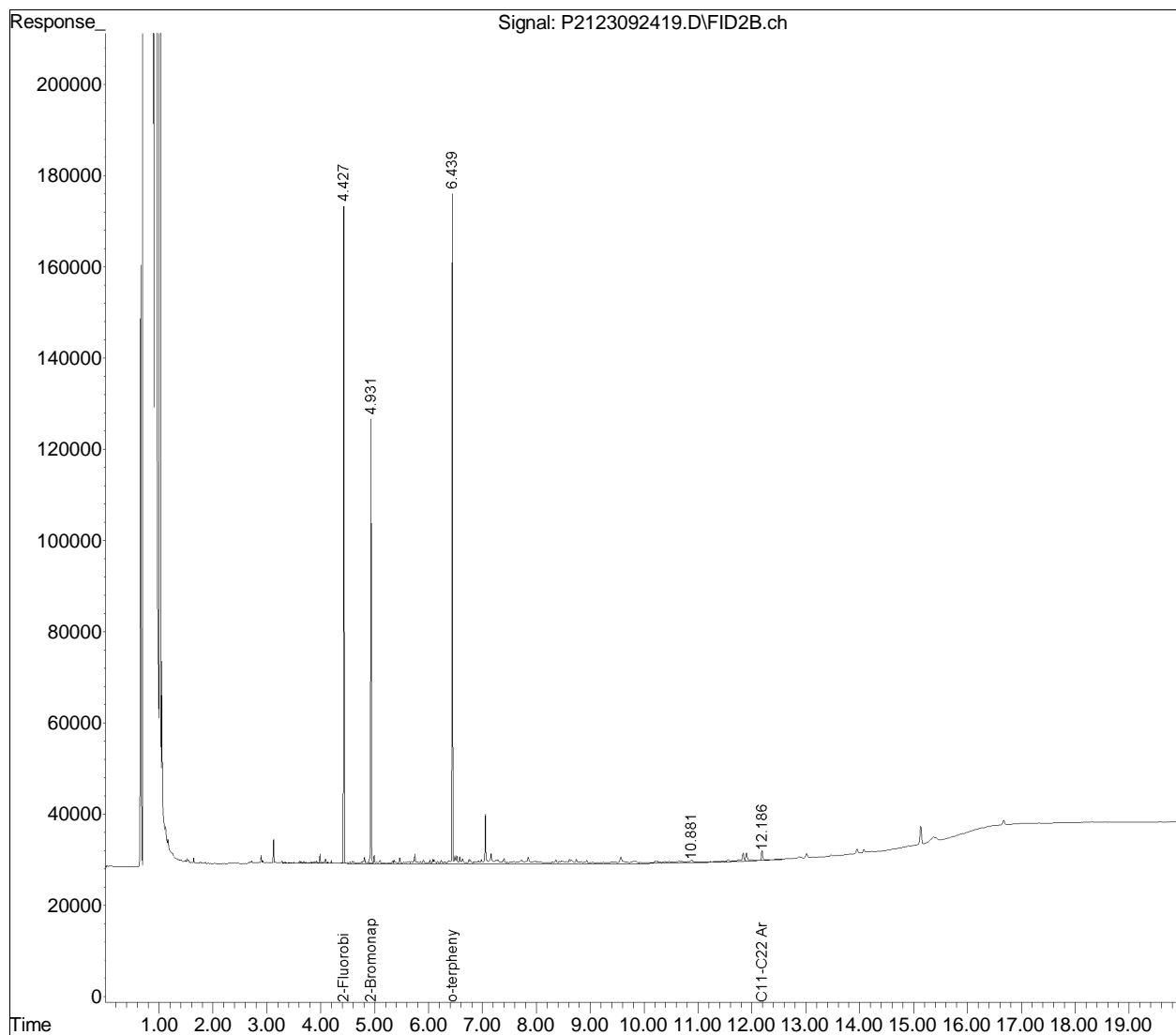


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230924.SEC\
Data File : P2123092419.D
Signal(s) : FID2B.ch
Acq On : 24 Sep 2023 2:40 pm
Operator : Petro21b:sc
Sample : WG1831152-1,eph20-e,,
Misc : WG1831282,WG1831152,ical18504
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 25 11:44:12 2023
Quant Method : I:\PETRO\Petro21\2023\230924.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Sun Sep 24 10:36:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

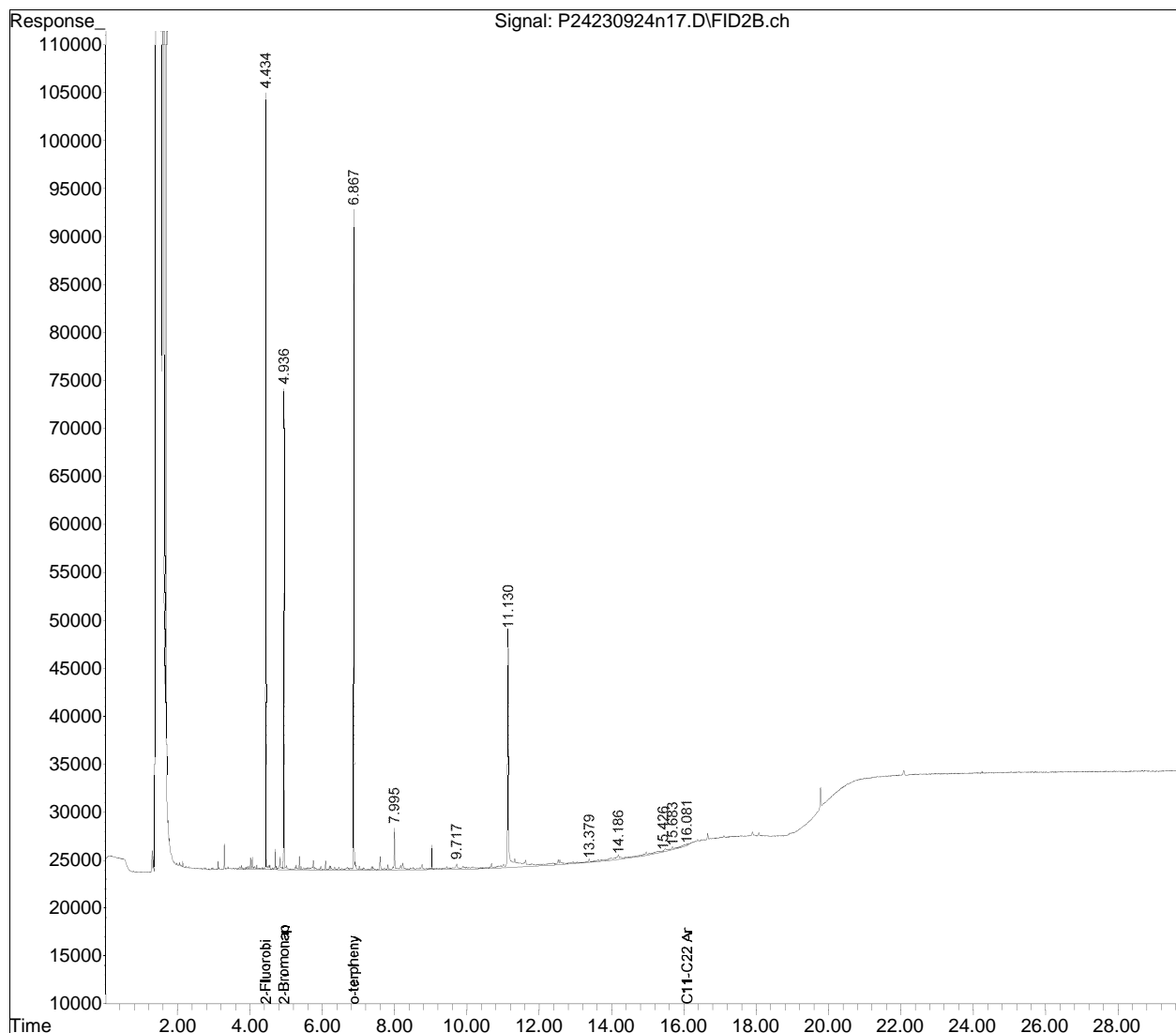


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924N.SEC\
Data File : P24230924n17.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2023 11:50 am
Operator : Petro24b:all
Sample : L2353390-01,42,,
Misc : wg1831422,wg1831152,ical20111
ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 14:59:31 2023
Quant Method : I:\PETRO\Petro24\2023\230924N.SEC\P24MAARO230618.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 25 06:35:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

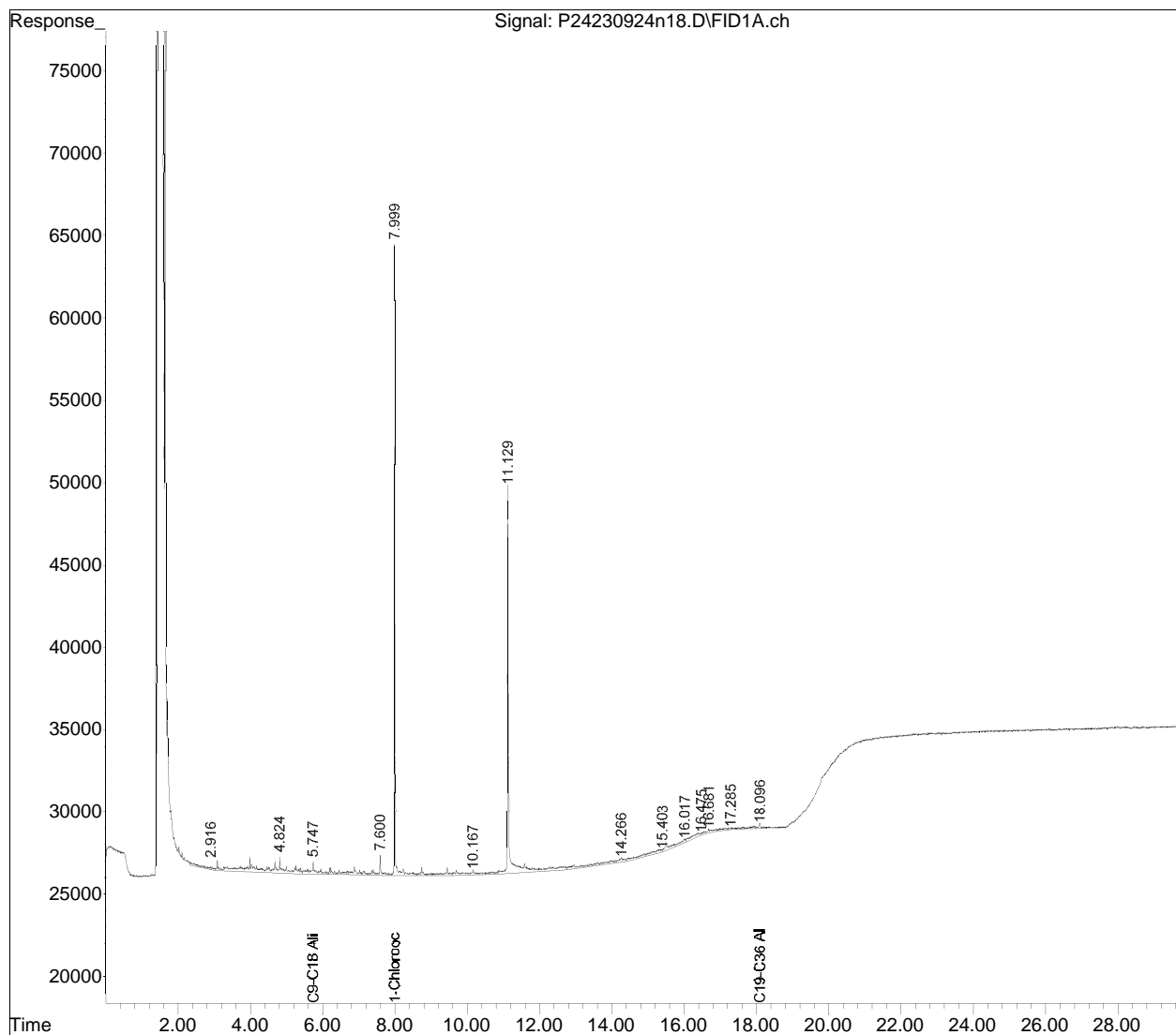


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924n\
Data File : P24230924n18.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2023 11:50 am
Operator : Petro24a:all
Sample : L2353390-01,42,,
Misc : WG1831422,wg1831152,ical20112
ALS Vial : 9 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 16:03:33 2023
Quant Method : I:\PETRO\Petro24\2023\230924n\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Mon Sep 25 06:29:44 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

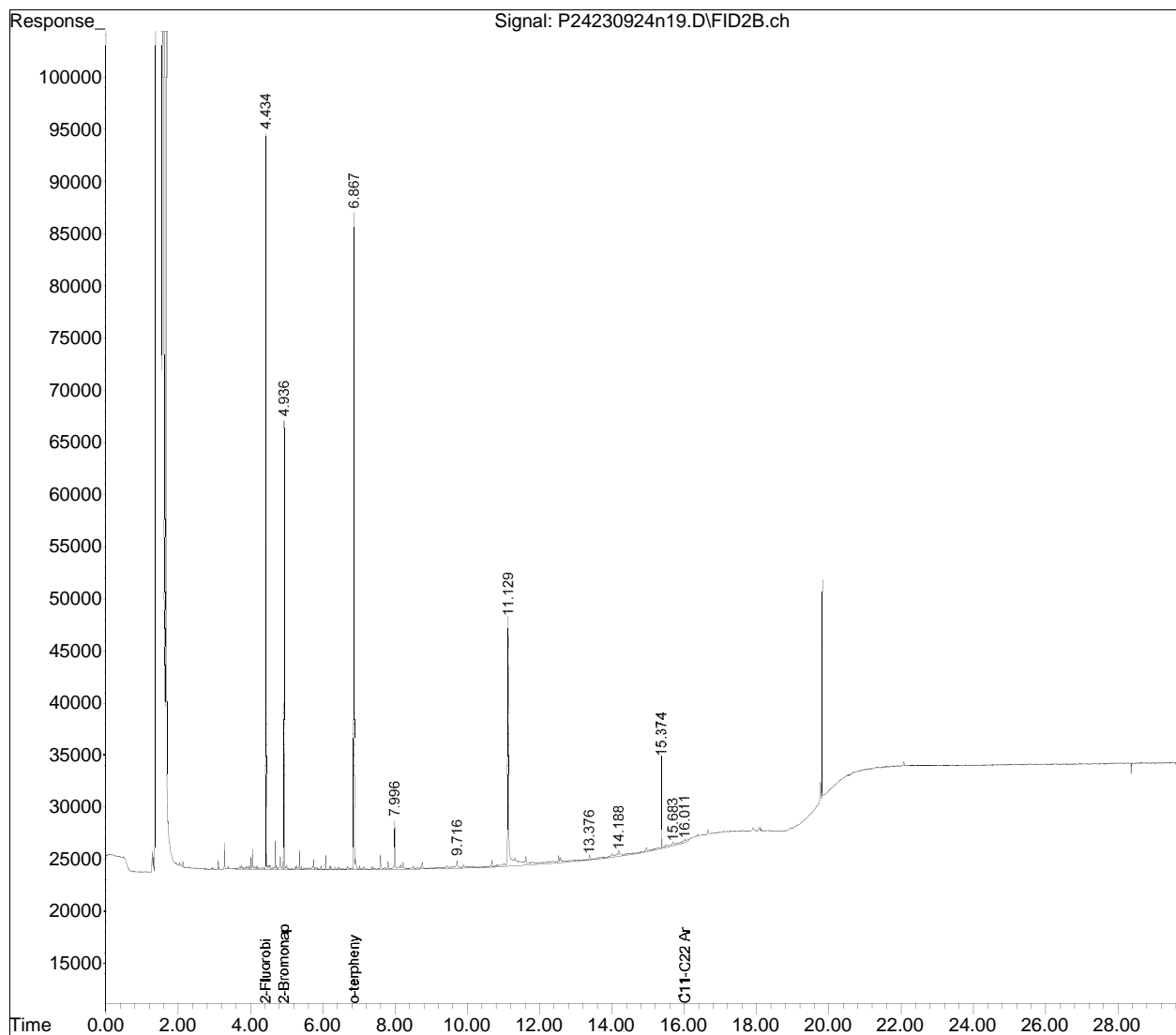


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924N.SEC\
Data File : P24230924n19.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2023 12:25 pm
Operator : Petro24b:all
Sample : L2353390-03,42,,
Misc : wg1831422,wg1831152,ical20111
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 15:01:16 2023
Quant Method : I:\PETRO\Petro24\2023\230924N.SEC\P24MAARO230618.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 25 06:35:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

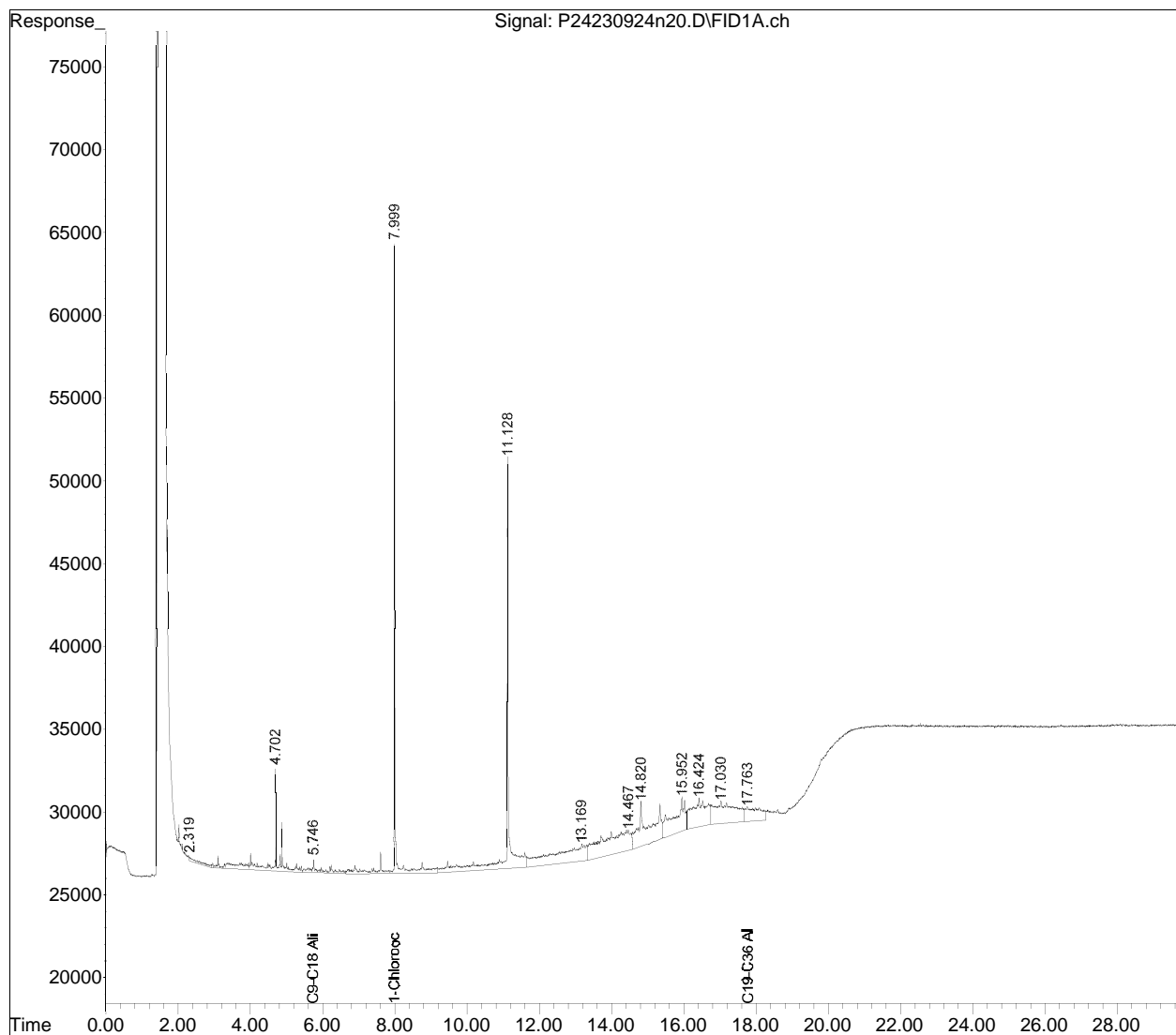


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924n\
Data File : P24230924n20.D
Signal(s) : FID1A.ch
Acq On : 25 Sep 2023 12:25 pm
Operator : Petro24a:all
Sample : L2353390-03,42,,
Misc : WG1831422,wg1831152,ical20112
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 16:32:53 2023
Quant Method : I:\PETRO\Petro24\2023\230924n\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Mon Sep 25 06:29:44 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

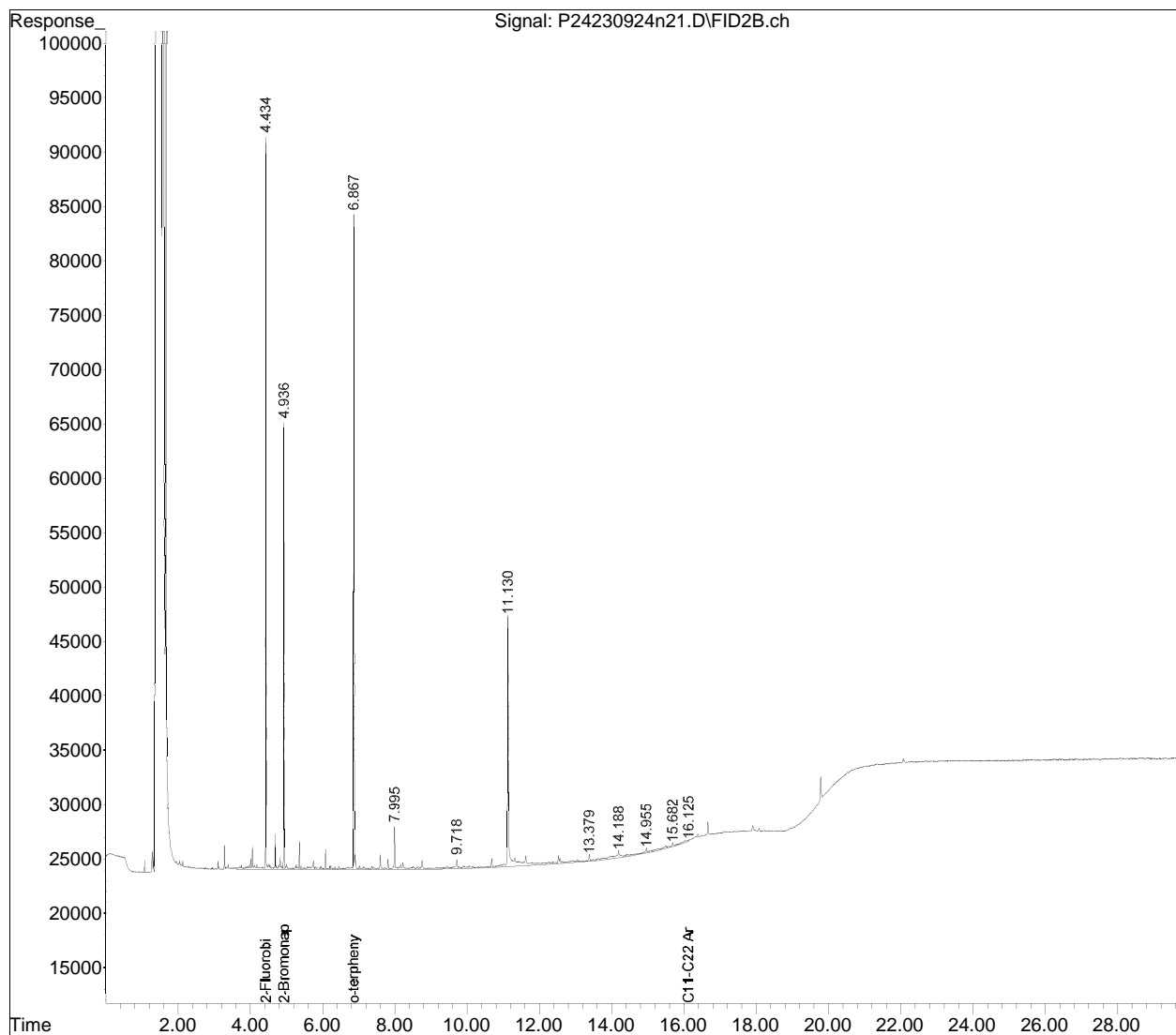


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924N.SEC\
 Data File : P24230924n21.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2023 01:00 pm
 Operator : Petro24b:all
 Sample : L2353390-04,42,,
 Misc : wg1831422,wg1831152,ical20111
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 15:02:20 2023
 Quant Method : I:\PETRO\Petro24\2023\230924N.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 25 06:35:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

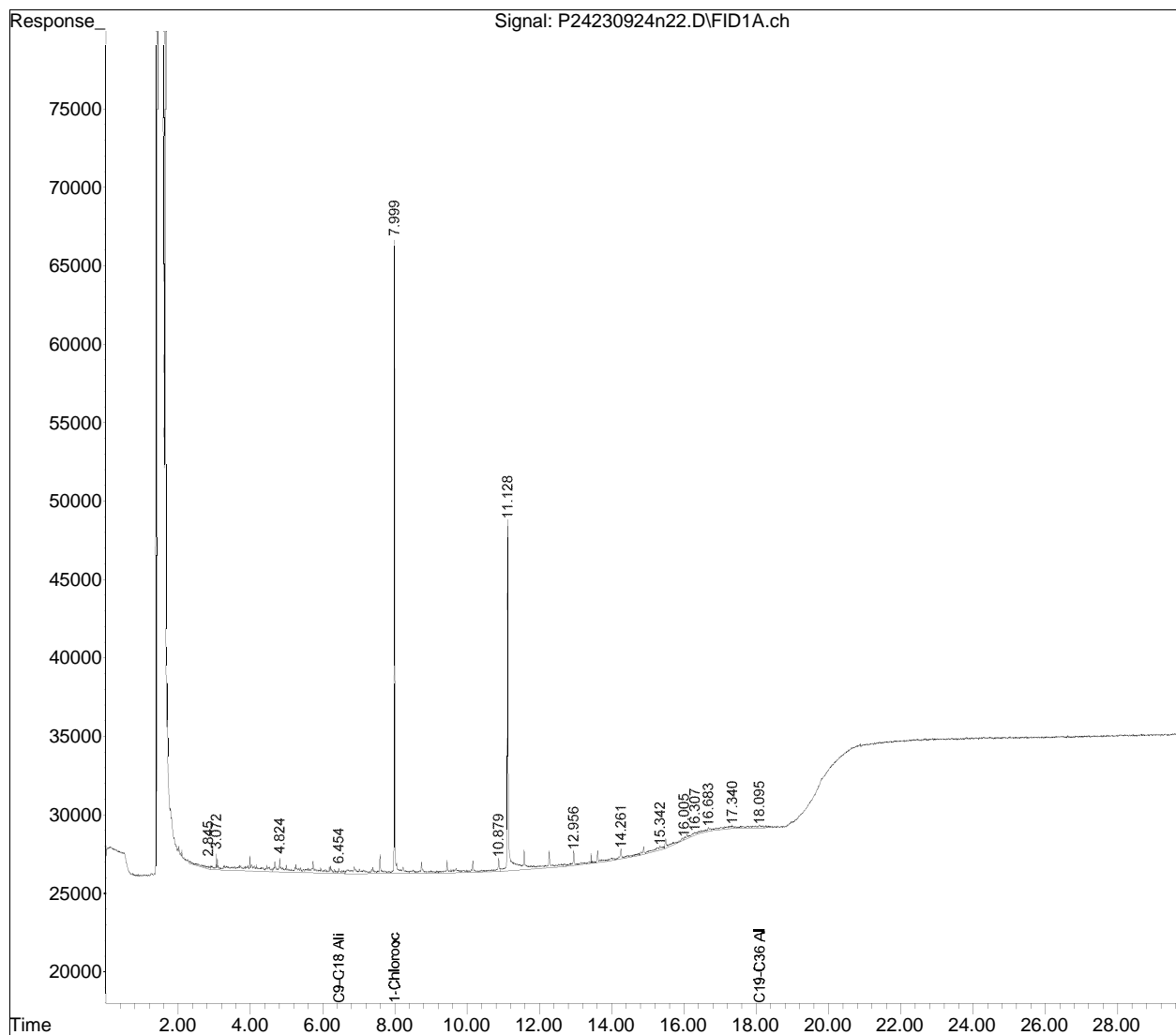


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230924n\
 Data File : P24230924n22.D
 Signal(s) : FID1A.ch
 Acq On : 25 Sep 2023 01:00 pm
 Operator : Petro24a:all
 Sample : L2353390-04,42,,
 Misc : WG1831422,wg1831152,ical20112
 ALS Vial : 11 Sample Multiplier: 1

Integration File: events.e
 Quant Time: Sep 26 16:39:04 2023
 Quant Method : I:\PETRO\Petro24\2023\230924n\P24MAALI230618.M
 Quant Title : MA EPH Aliphatic
 QLast Update : Mon Sep 25 06:29:44 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

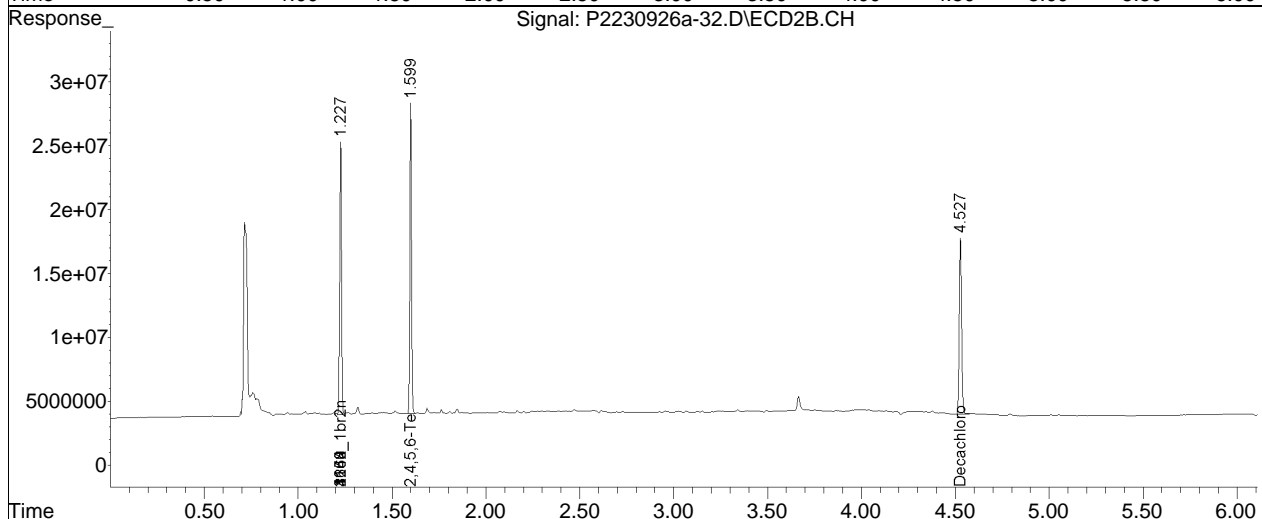
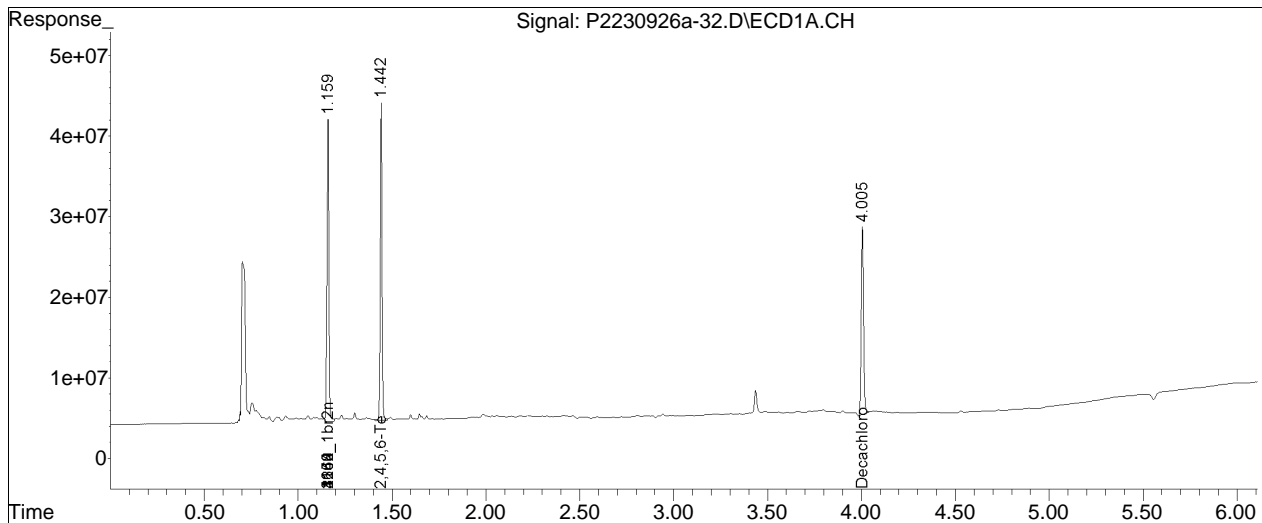


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-32.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2023 11:44 pm
 Operator : pest2:mco
 Sample : WG1831828-1,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 32 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:04:28 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

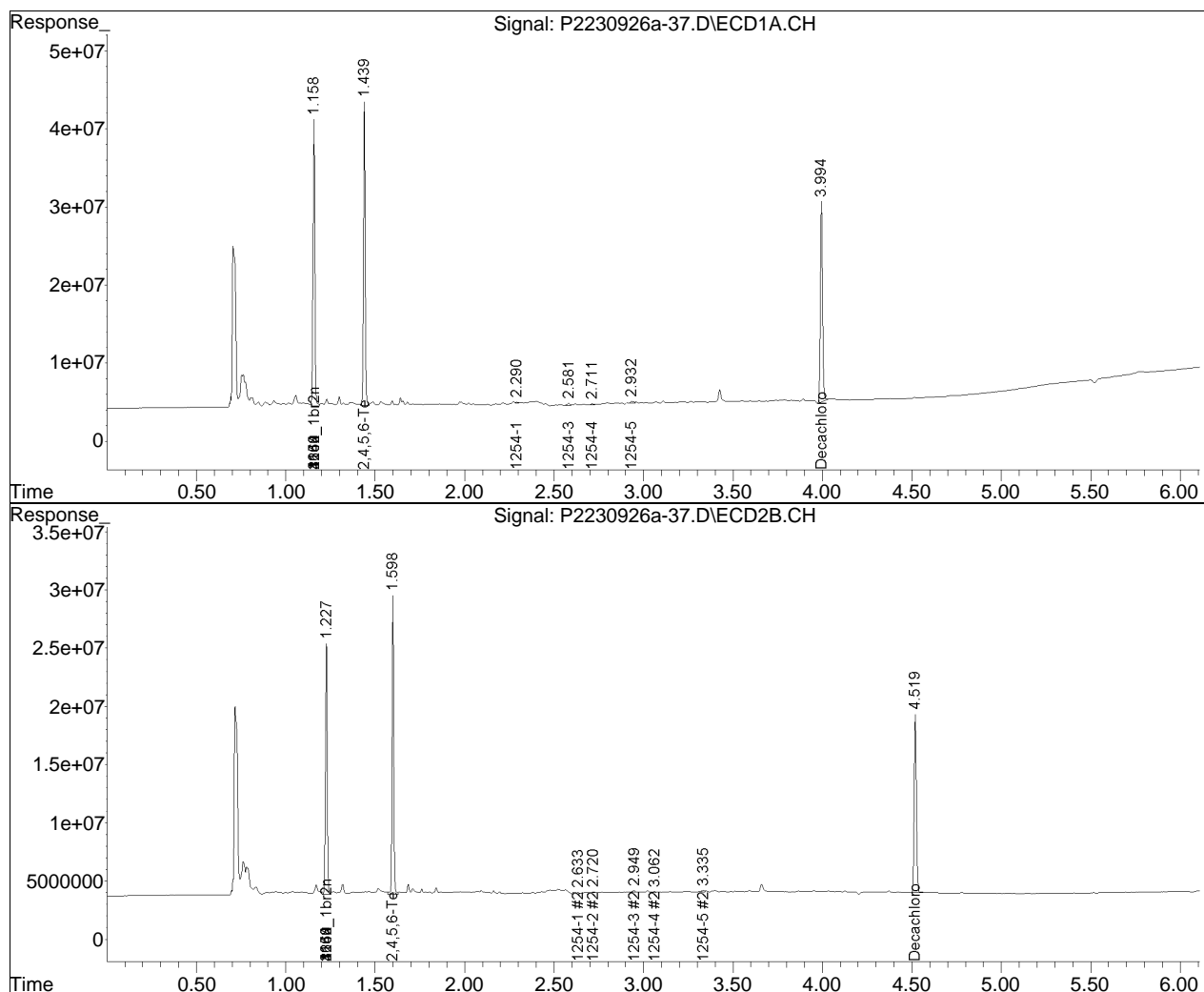


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-37.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 12:32 am
 Operator : pest2:mco
 Sample : L2353390-01,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 37 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:10:14 2023
 Quant Method : I:\PCB\Pest2\2023\230926a\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

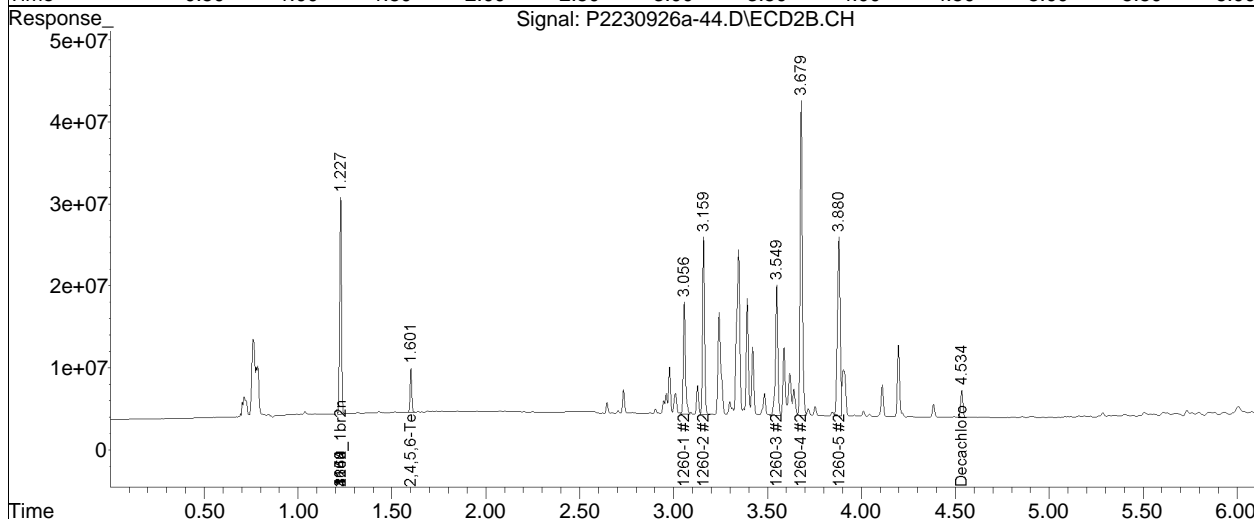
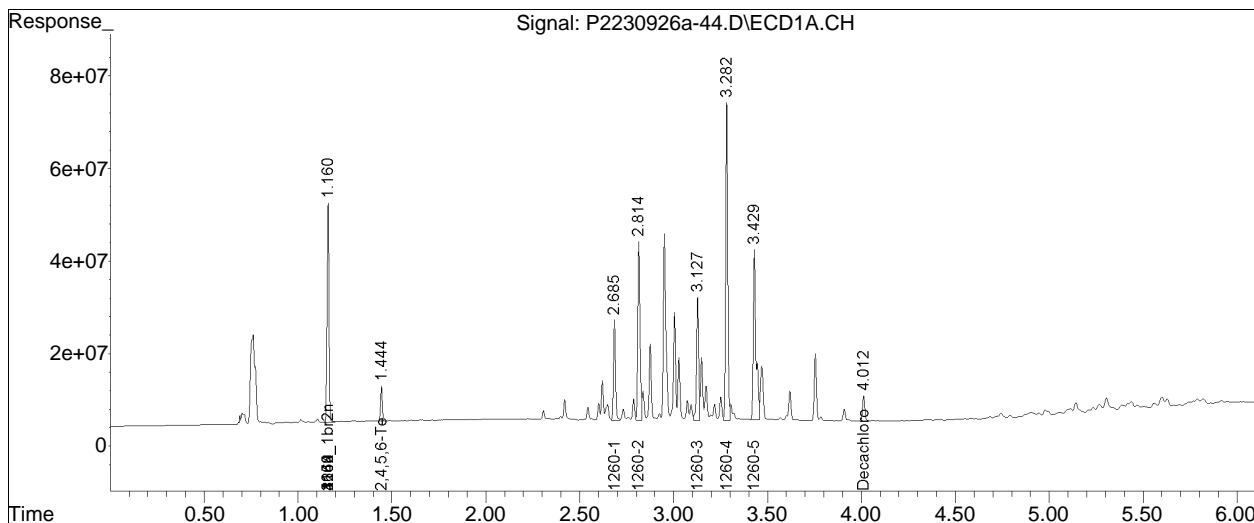


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-44.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 2:14 am
 Operator : pest2:mco
 Sample : L2353390-02d,42,5,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 44 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:16:18 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

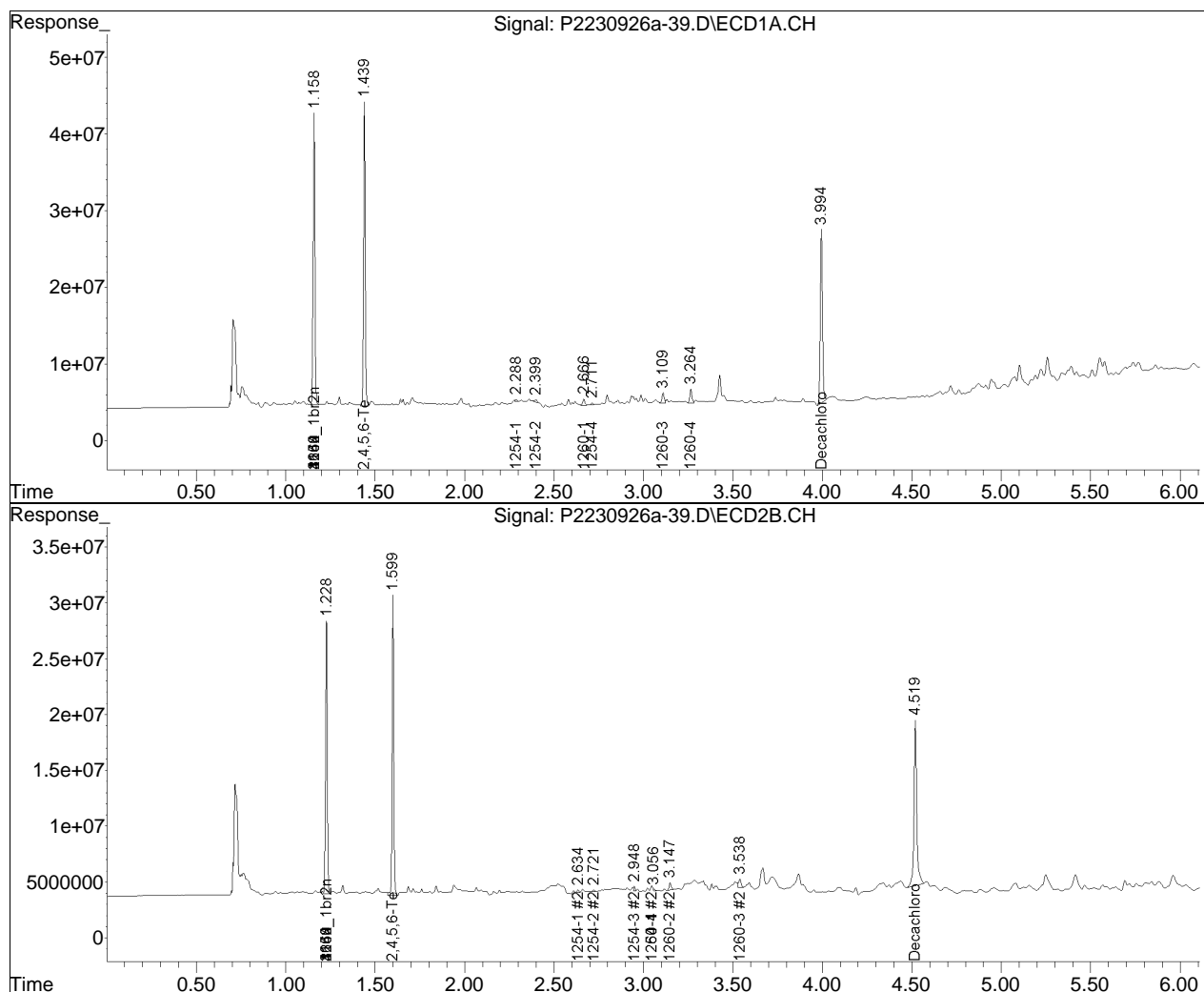


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-39.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 12:50 am
 Operator : pest2:mco
 Sample : L2353390-03,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 39 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:12:21 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

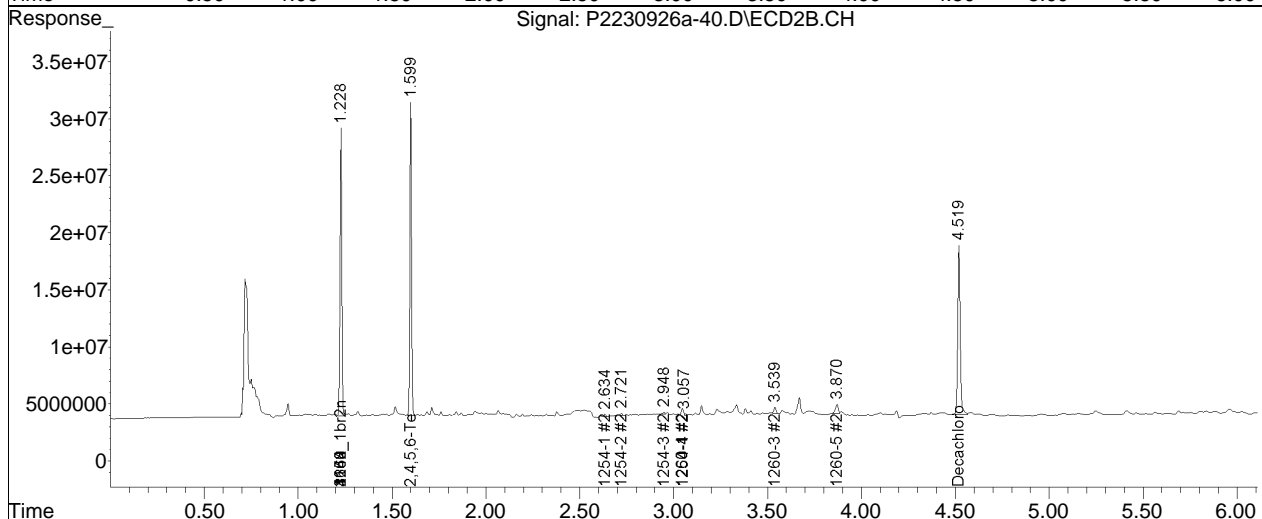
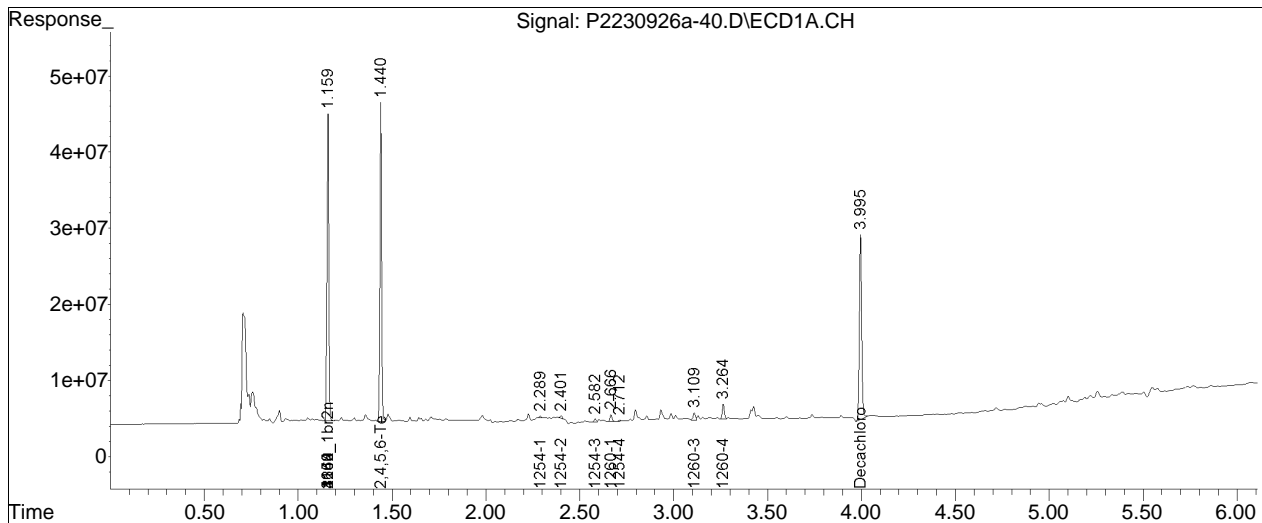


Sub List : Default - All compounds listed P2230926a-26.D••

Data Path : I:\PCB\Pest2\2023\230926a\
 Data File : P2230926a-40.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2023 1:00 am
 Operator : pest2:mco
 Sample : L2353390-04,42,,
 Misc : wg1832016,WG1831828,ical20286
 ALS Vial : 40 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 09:14:14 2023
 Quant Method : I:\PCB\Pest2\2023\230926A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



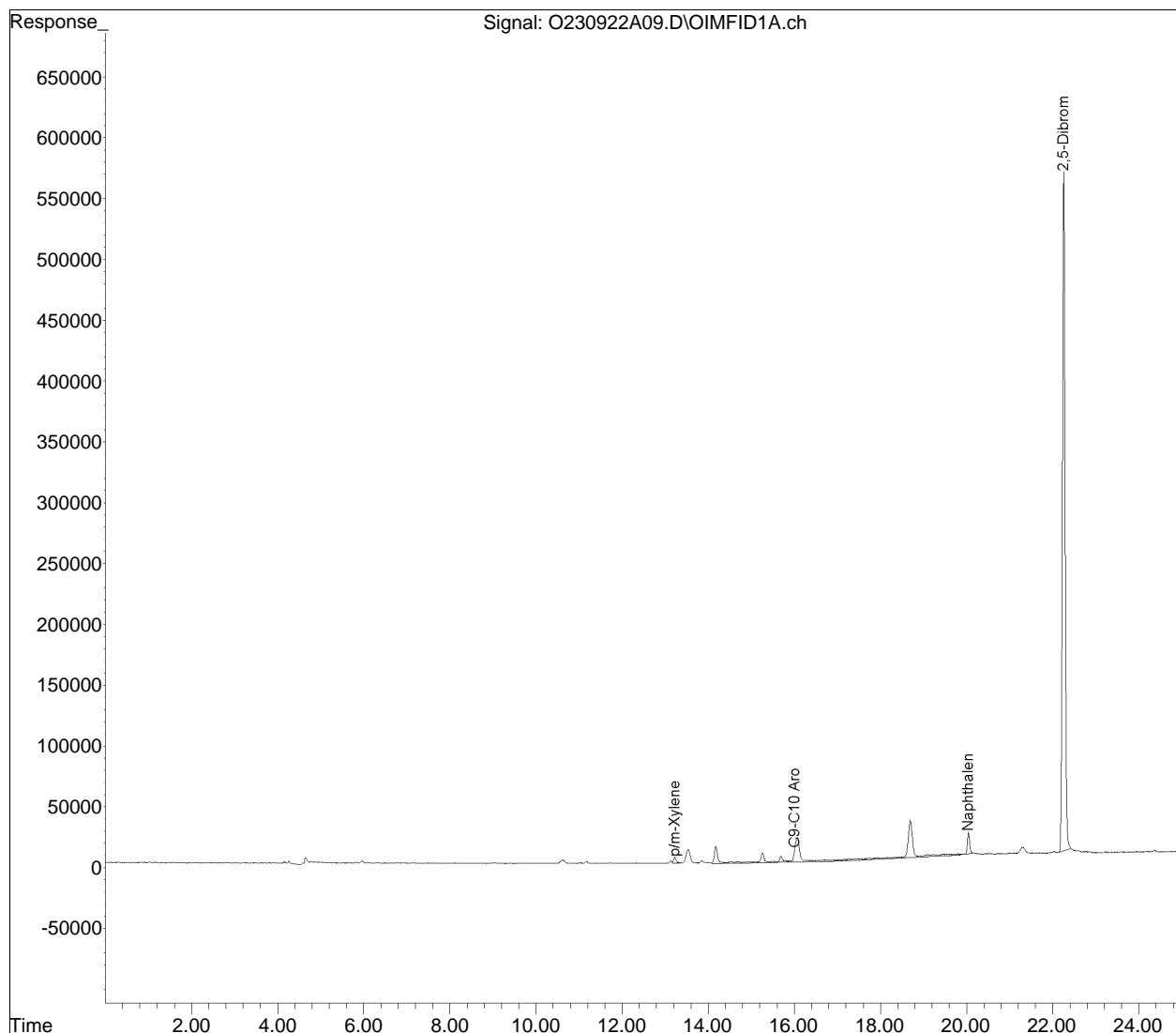
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A09.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20207
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



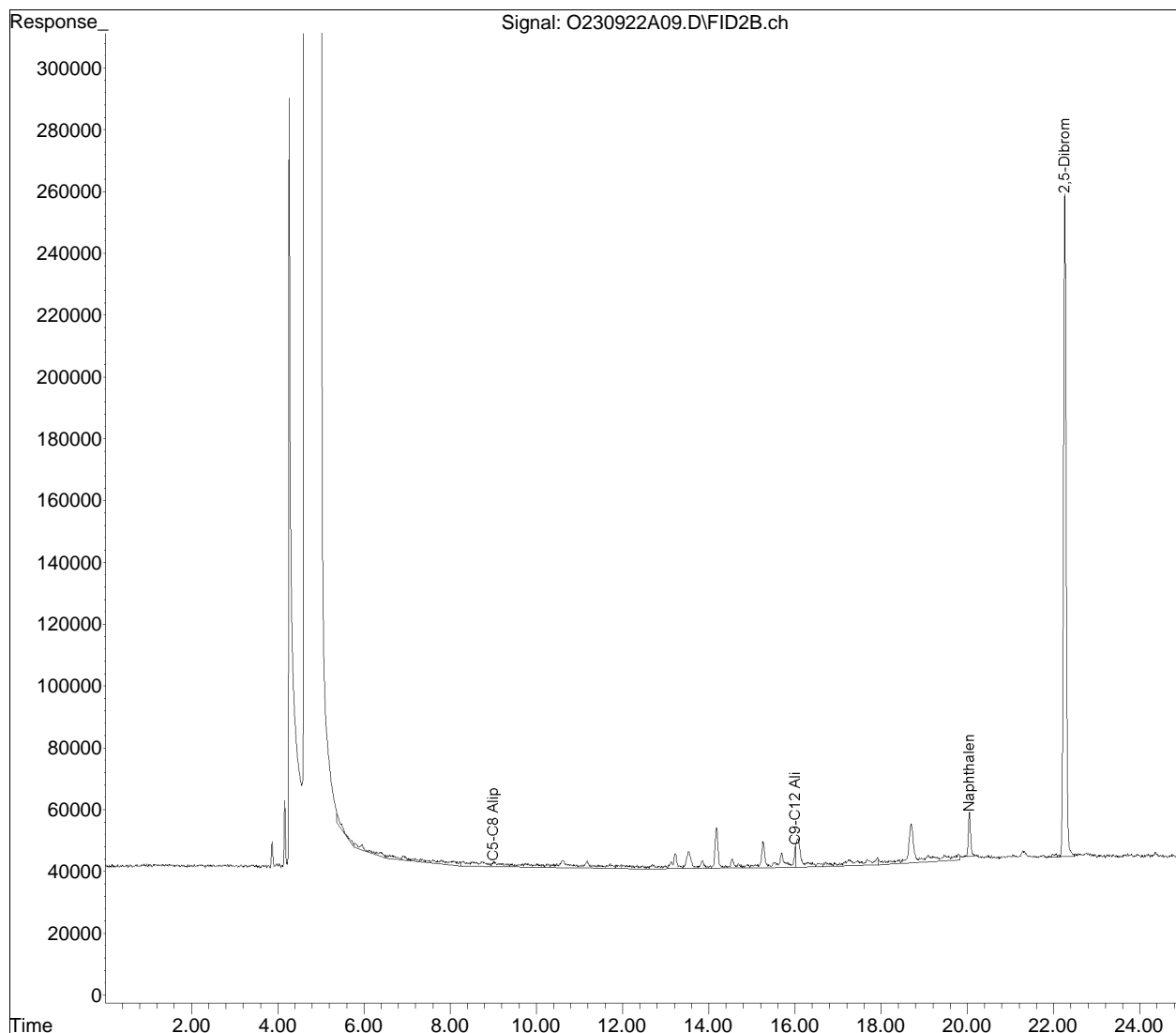
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A09.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 5:05 pm
Operator : OVPH:BAD
Sample : WG1831574-4,41,5,5,,
Misc : WG1831574,ICAL20206
ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



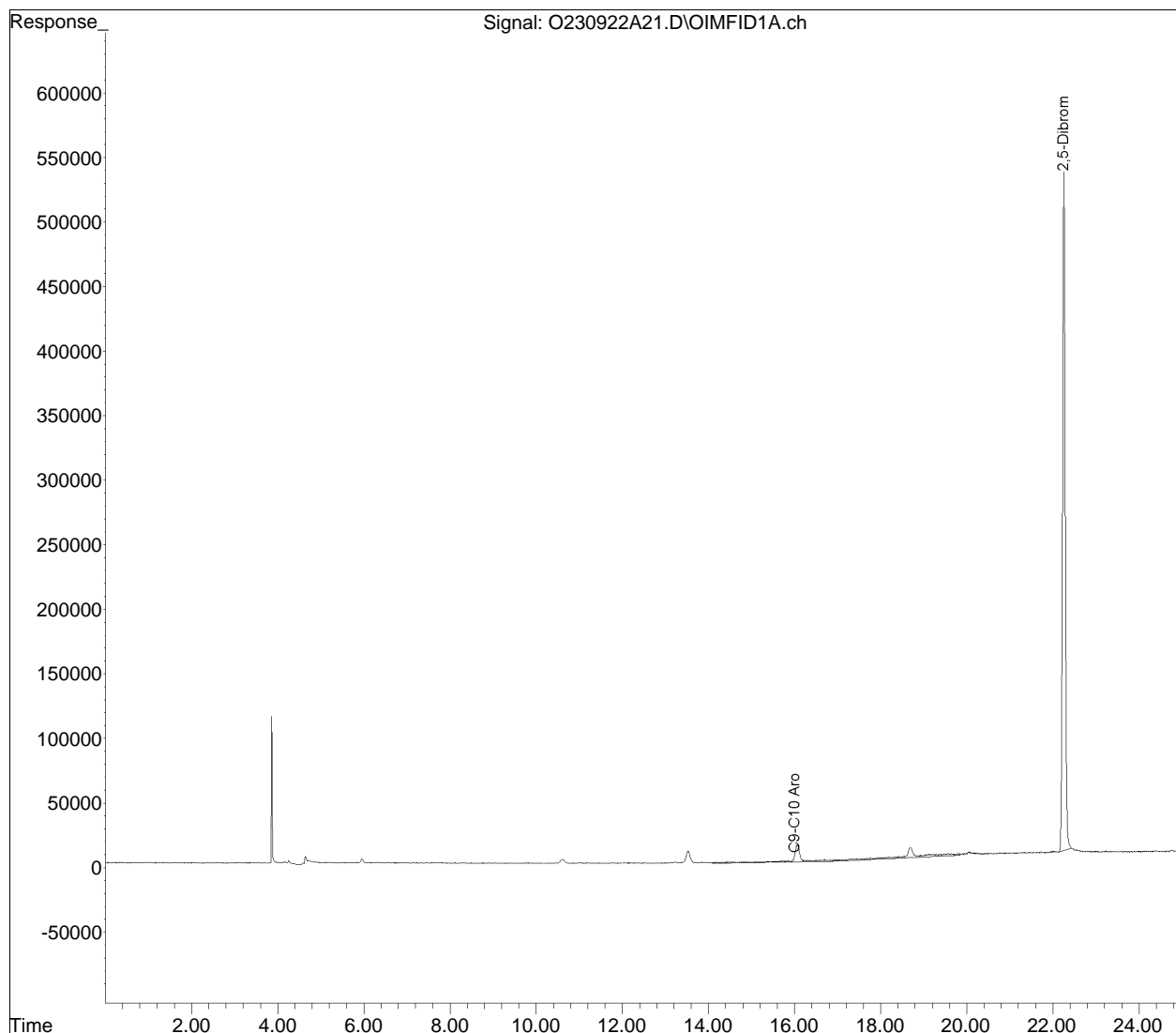
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A21.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 11:06 pm
Operator : OVPH:BAD
Sample : L2353390-01,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:41 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



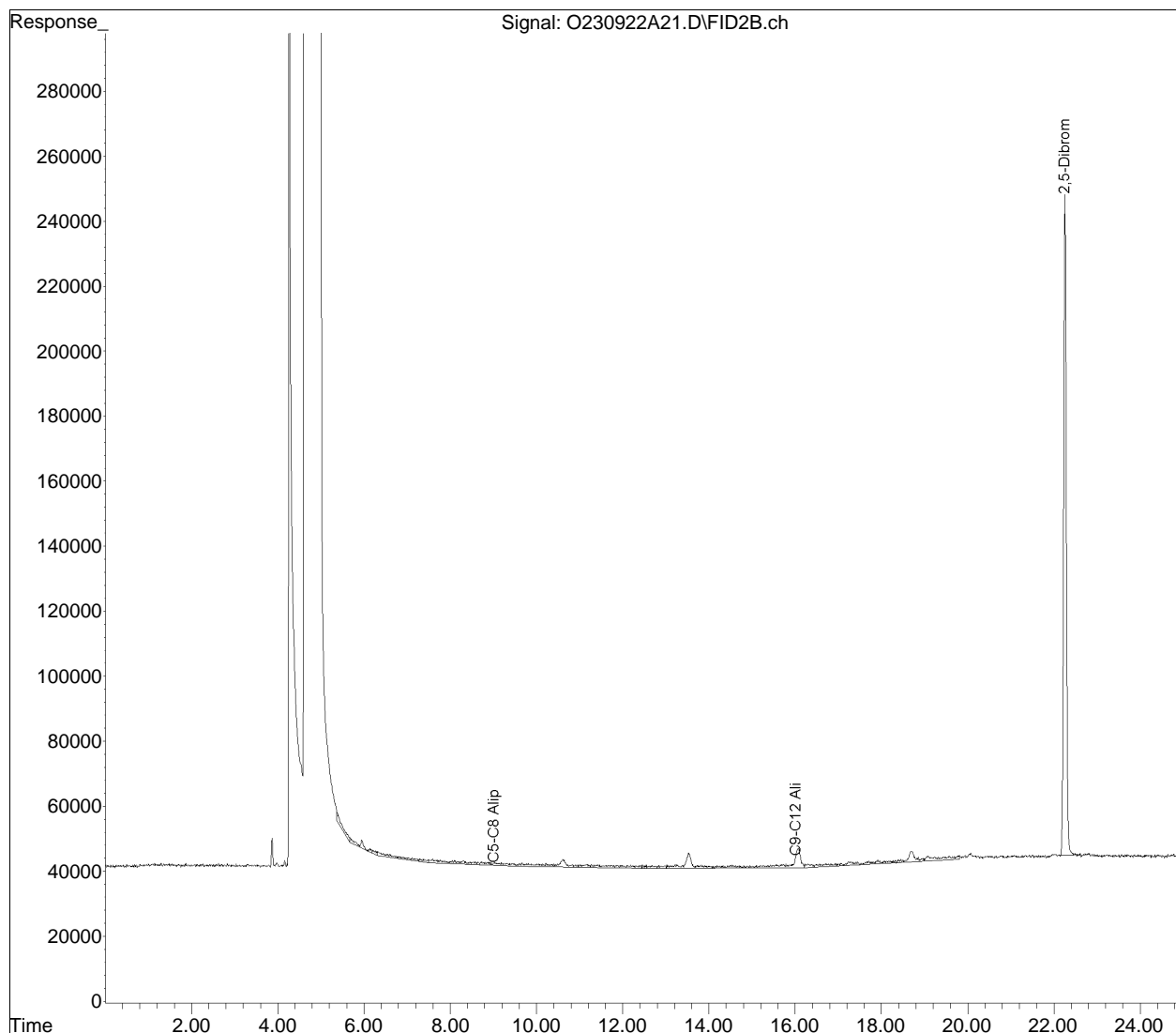
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A21.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 11:06 pm
Operator : OVPH:BAD
Sample : L2353390-01,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:46 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



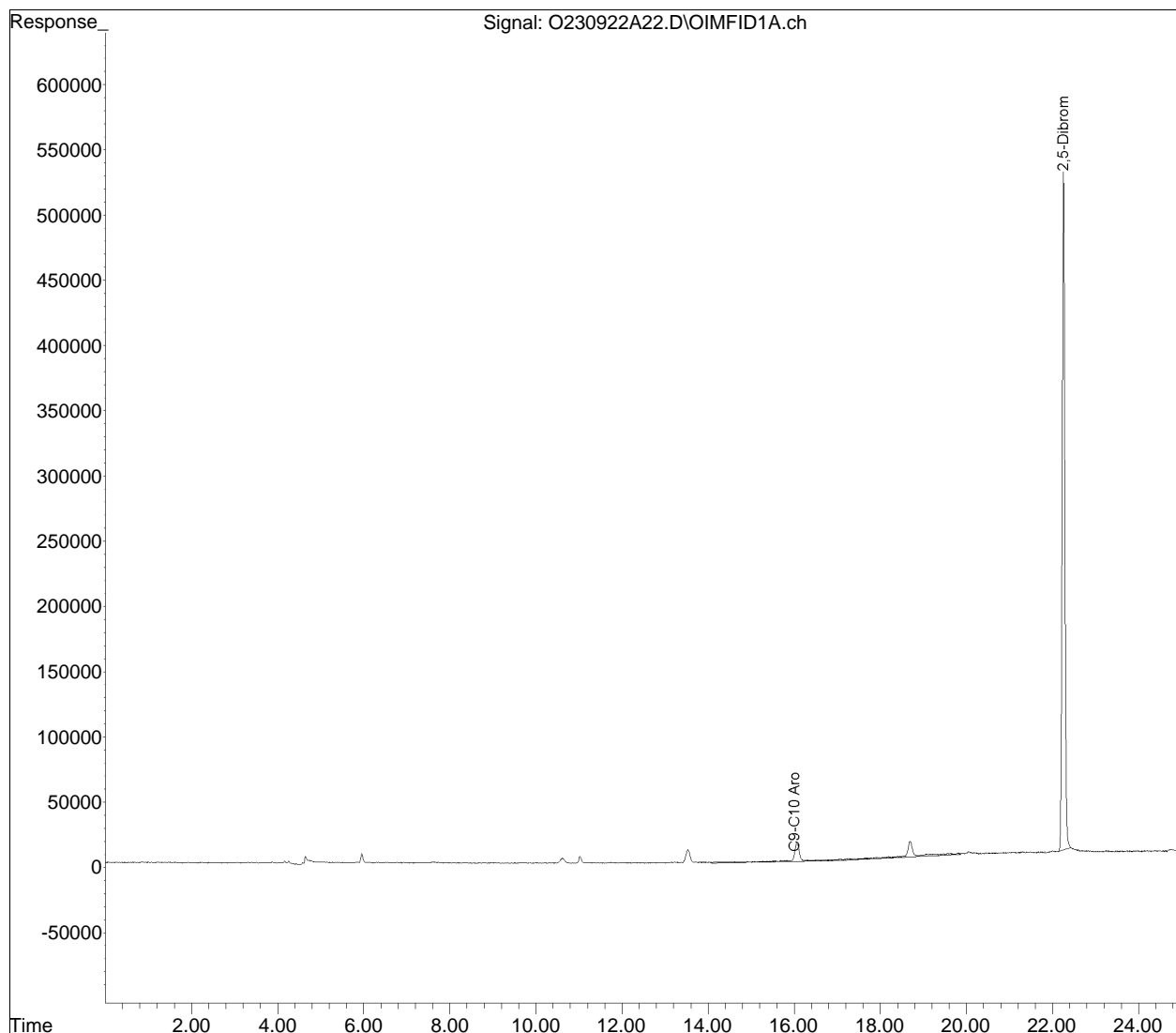
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A22.D
Signal(s) : OIMFID1A.ch
Acq On : 22 Sep 2023 11:36 pm
Operator : OVPH:BAD
Sample : L2353390-02,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:43 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



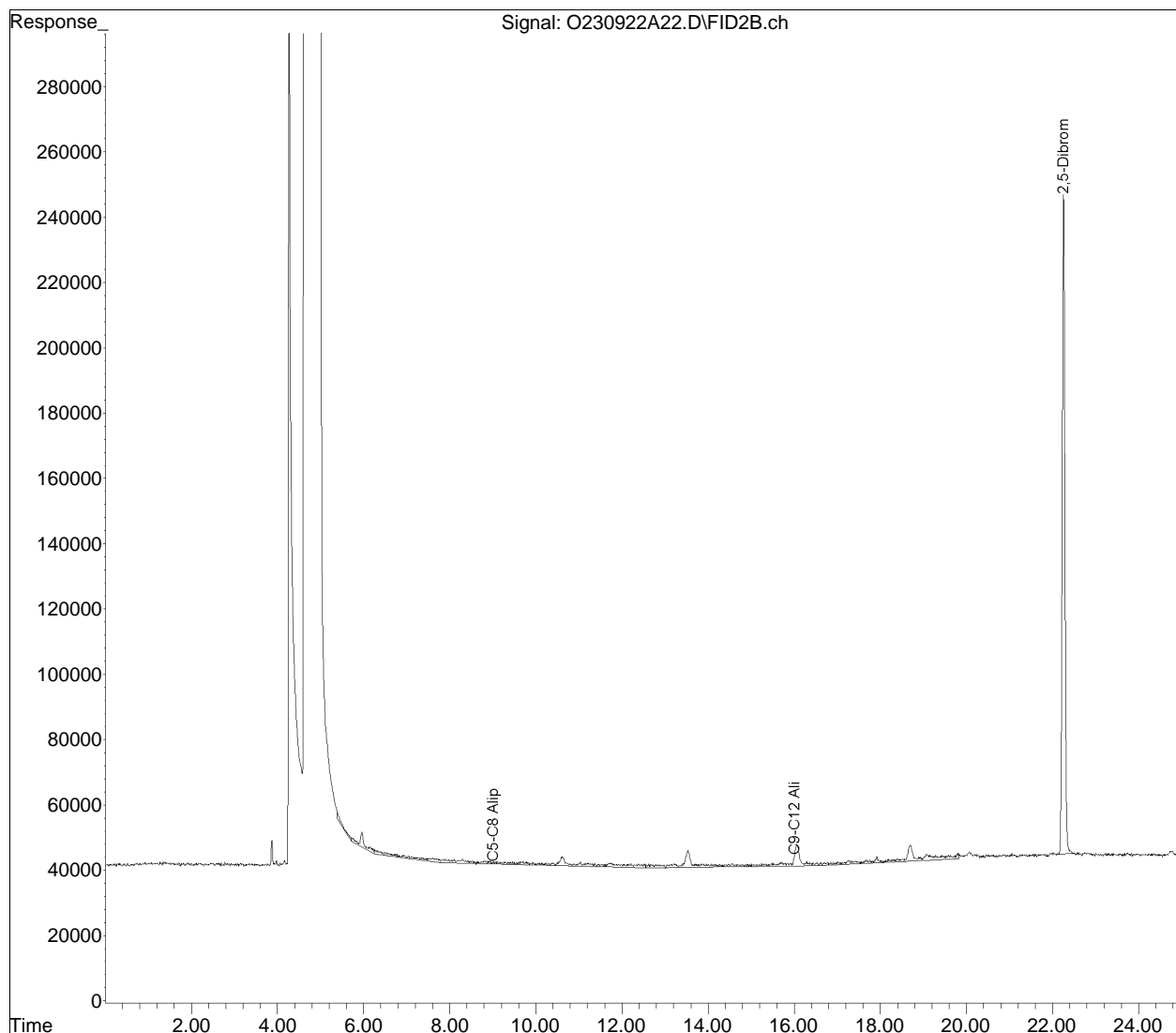
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A22.D
Signal(s) : FID2B.ch
Acq On : 22 Sep 2023 11:36 pm
Operator : OVPH:BAD
Sample : L2353390-02,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:48 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



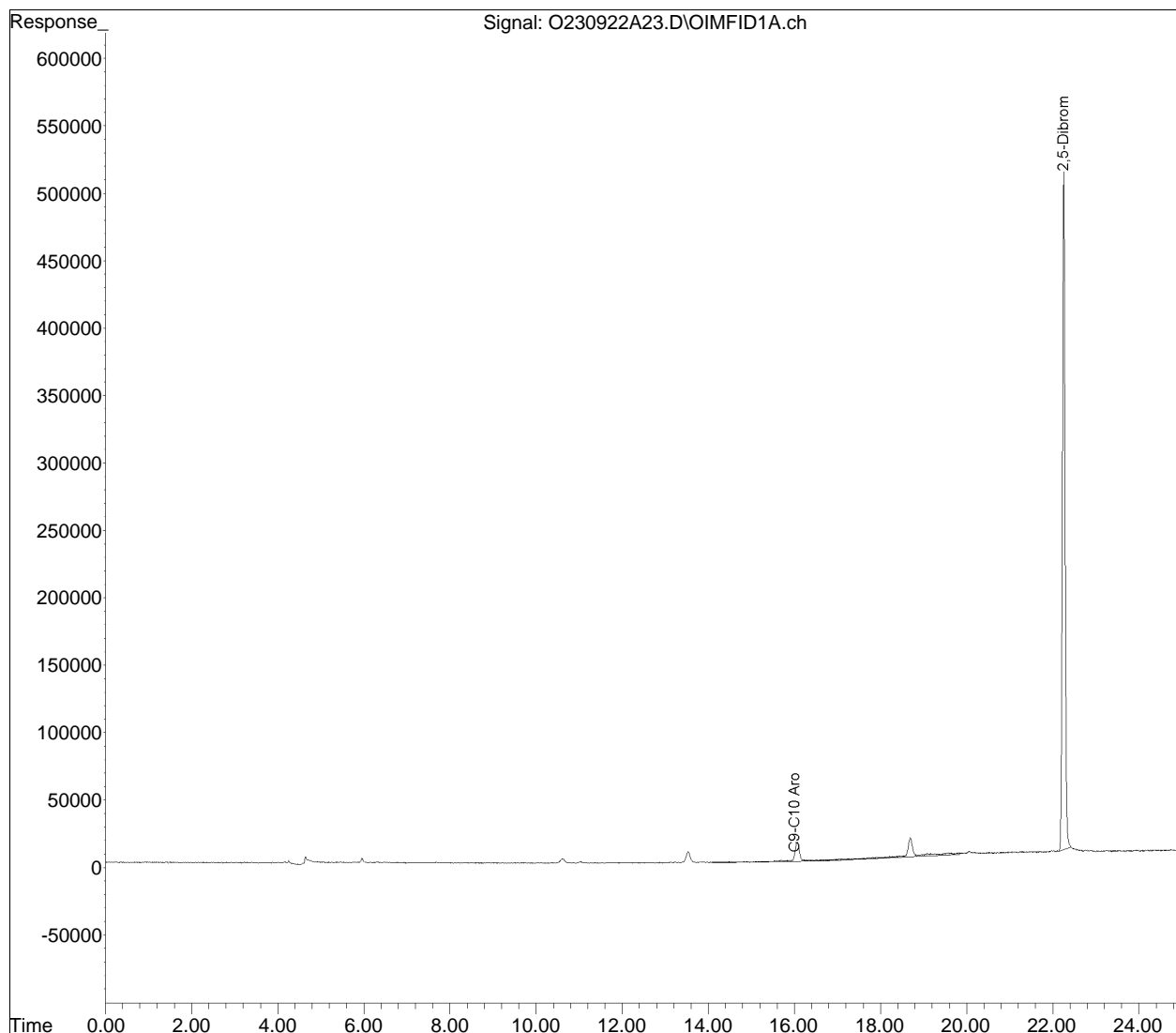
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A23.D
Signal(s) : OIMFID1A.ch
Acq On : 23 Sep 2023 12:06 am
Operator : OVPH:BAD
Sample : L2353390-03,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:45 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



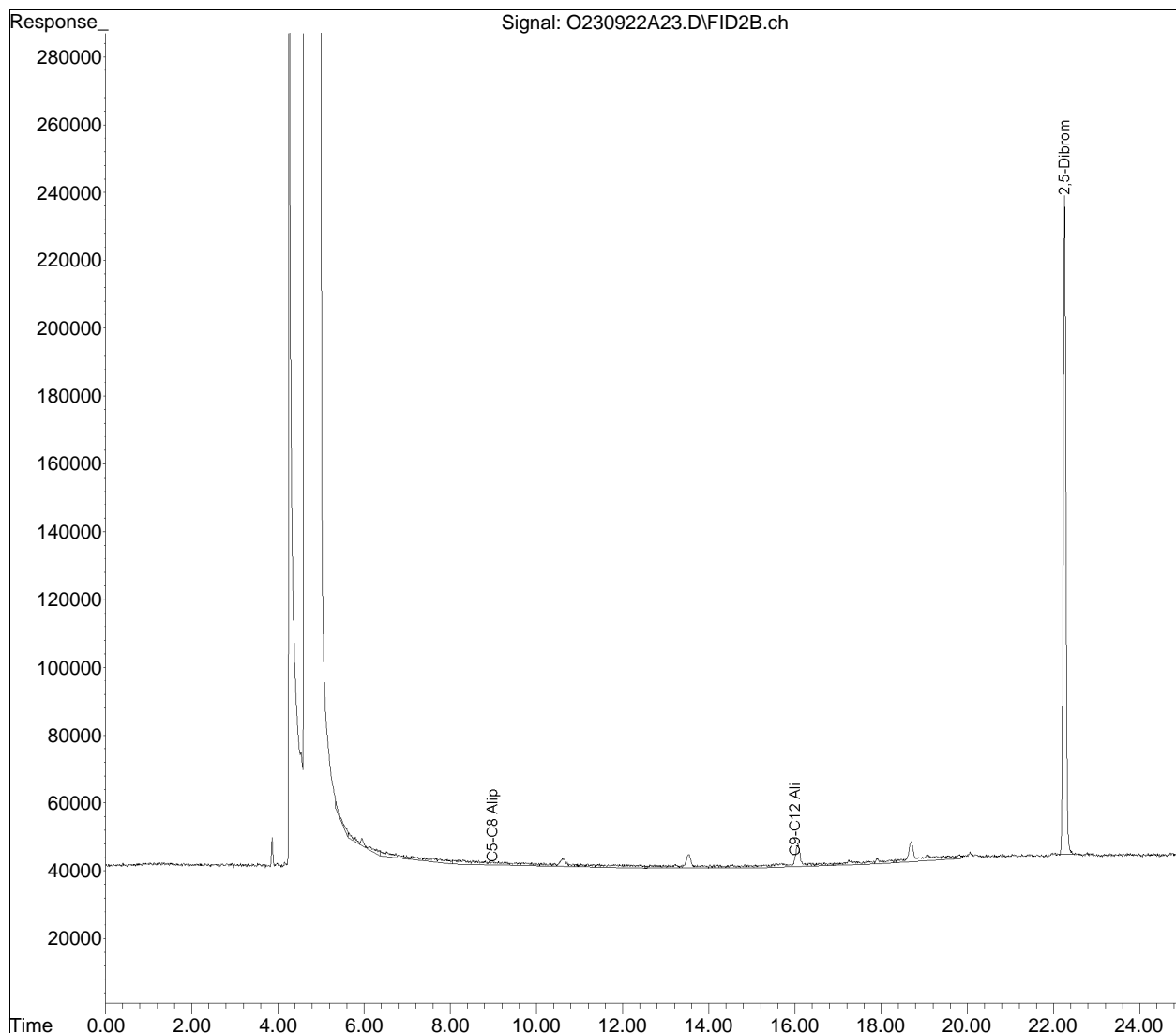
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A23.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2023 12:06 am
Operator : OVPH:BAD
Sample : L2353390-03,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:50 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



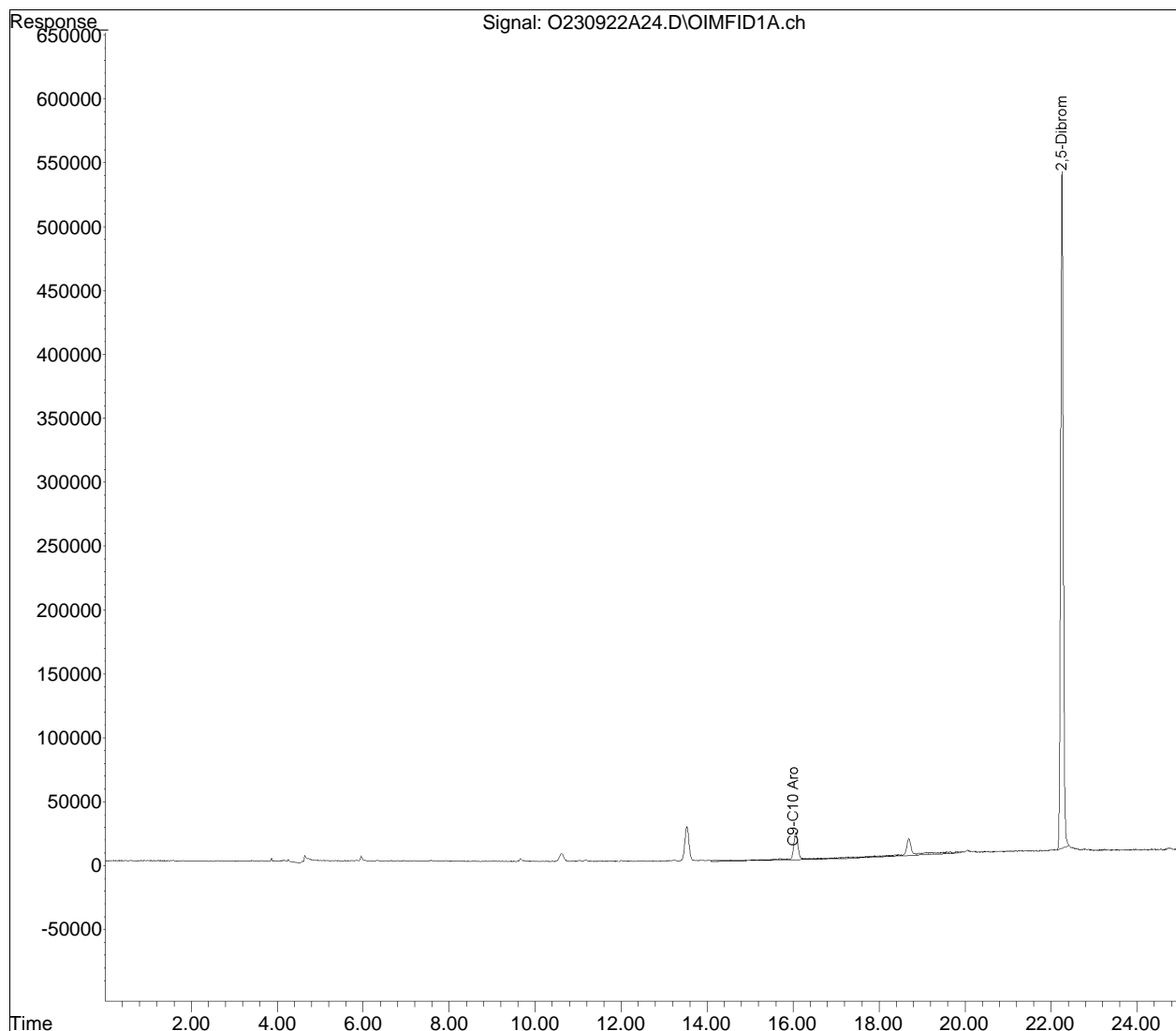
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aaro\
Data File : O230922A24.D
Signal(s) : OIMFID1A.ch
Acq On : 23 Sep 2023 12:36 am
Operator : OVPH:BAD
Sample : L2353390-04,41,5.0,5,,D
Misc : WG1831574,ICAL20207
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 12:03:47 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



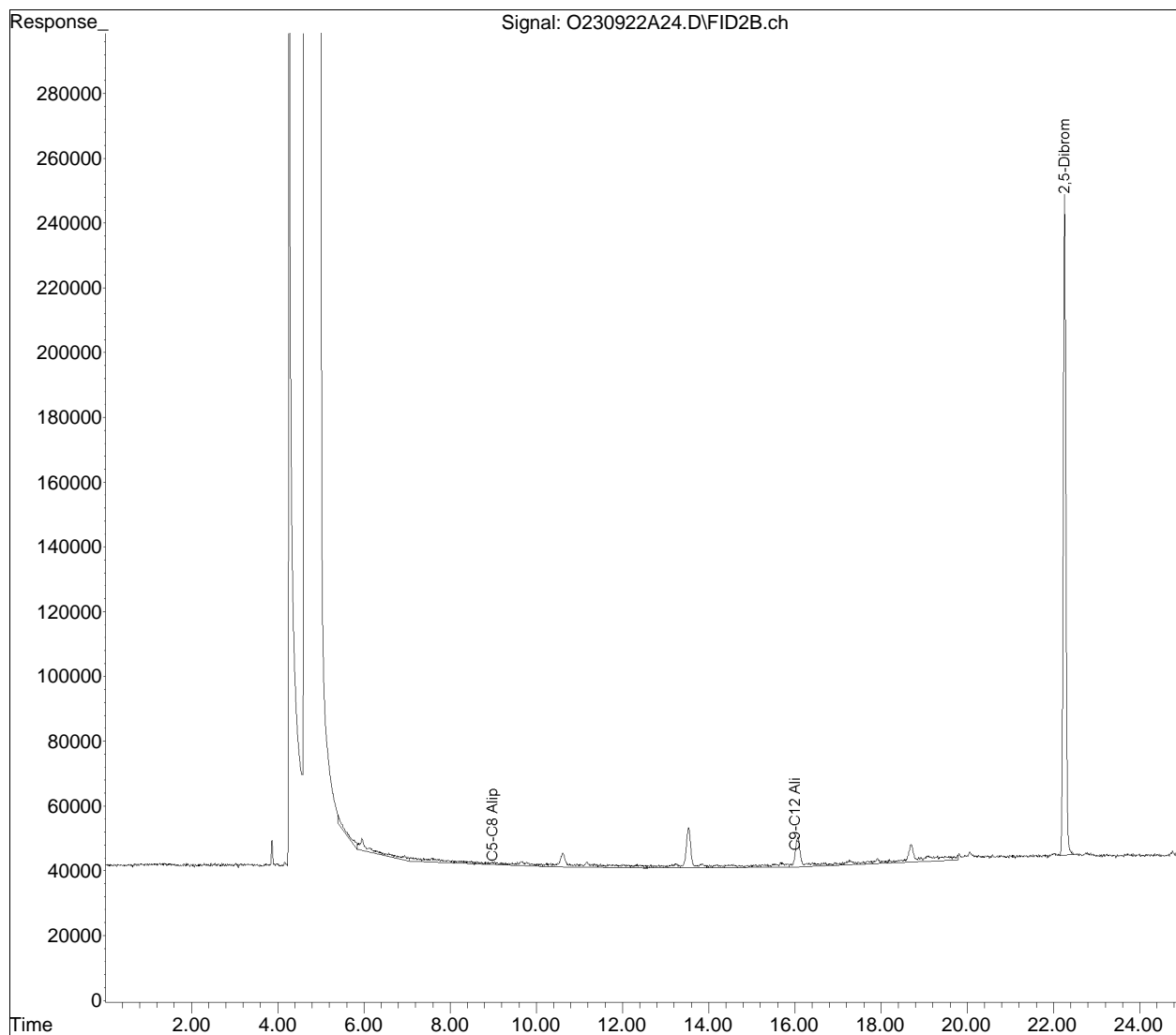
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230922Aali\
Data File : O230922A24.D
Signal(s) : FID2B.ch
Acq On : 23 Sep 2023 12:36 am
Operator : OVPH:BAD
Sample : L2353390-04,41,5.0,5,,D
Misc : WG1831574,ICAL20206
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 23 11:59:52 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230922Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





September 28, 2023

Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : DW 20123 CLIENT PROJECT ID: L2353390
Client Ref: ME

22 Cummings Park • Woburn, Massachusetts • 01801 • Phone (781)935-3212

Aerobiology Laboratory Associates, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

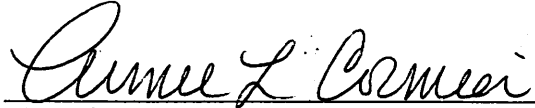
Client Project #: L2353390
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20123
 Method: Drinking Water
 Date Received: 9/14/2023
 Date Analyzed: 9/28/2023
 Date of Report: 9/28/2023

Lab ID	Client ID	Description	Grid Area	# G.O.	Alliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149358	EF-06		0.010	20	5	0.20	NSD		201	NSD	Yes
WD149359	EF-07		0.010	20	0.1	10.05	NSD		201	NSD	Yes
WD149360	EF-08		0.010	20	1	1.01	3		201	3.02	Yes
WD149361	EF-09		0.010	20	5	0.20	29		201	5.83	Yes

Comments:

NSD = No Structures Detected



Aimee Cormier, Analyst

Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

Alpha Job Number
L2353390



Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com	Project Location: ME Project Manager: Graham Parker	State/Federal Program: Regulatory Criteria:
	Turnaround & Deliverables Information	
	Due Date: Deliverables:	

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353390	Report to include Method Blank, LCS/LCSD:
Additional Comments: Send all results/reports to subreports@alphalab.com	

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EF-06 EF-07 EF-08 EF-09	09-13-23 09:30 09-13-23 09:38 09-13-23 10:00 09-13-23 14:10	WATER WATER WATER WATER	Asbestos-TEM Asbestos-TEM Asbestos-TEM Asbestos-TEM	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>[Signature]</i>	9/14/23	<i>[Signature]</i>	9-14-23 7:50
	<i>[Signature]</i>	9-14-23 12:30	<i>[Signature]</i>	9/14/23 1230pm
Form No: AL_subcoc				

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353390
 Client job site: ME
 Batch No. 20123
 Lab Sample ID 149358
 Client Sample ID EF-06
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 5
 Grid Box Location 2484 8D
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: *AW*
 Date Analyzed 9/28/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 8D	C4-3	NSD						
	C4-1							
	F4-1							
	F4-3							
	F4-3							
	F4-3							
	F4-1							
← 8E	C4-3							
	C4-1							
	F4-1							
	F4-3							
	F4-3							
	F4-1							
	F4-1							
	F4-3							
	F4-1							
← 9A	C4-3							
	C4-1							
	F4-1							
	F4-3							
	F4-3							
	F4-1							
	F4-1							
	F4-3							
	F4-1							

Total Asbestos Str NSD

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353390
 Client job site: ME
 Batch No. 20123
 Lab Sample ID 149359
 Client Sample ID EF-07
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 0.1
 Grid Box Location 2484 9B
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 10.05
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification 11500
 Analyst: *AW*
 Date Analyzed 9/28/23
 Quality Of Prep
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 9B	C4-4	NSD						
	E4-6							
	E4-1							
	E4-6							
	E4-4							
	E4-6							
← 9C	C4-4							
	B4-1							
	C4-1							
	C4-3							
	E4-3							
	E4-1							
	F4-1							
	F4-3							
← 9D	C3-4							
	C3-6							
	E3-6							
	F3-4							
	F3-4							
	F3-6							

Total Asbestos Str NSD

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353390
 Client job site: ME
 Batch No. 20123
 Lab Sample ID 149360
 Client Sample ID EF-08
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 1
 Grid Box Location 2484 9E
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 1.01
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: *AK*
 Date Analyzed 9/28/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 9E	B4-3	NSD						
	B4-1	↓						
	C4-1	1	F	Ch	✓		14.79	.03
	C4-3	NSD						
← 10A	E4-3	2	F	Ch	✓		17.4	.03
	E4-1	NSD						
	C3-3	3	F	Ch	✓		13.05	.03
	C3-1	NSD						
← 10B	E3-1	↓						
	E3-3							
	E3-3							
	E3-3							
	E3-1							
	E3-3							

Total Asbestos Str 3

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353390
 Client job site: ME
 Batch No. 20123
 Lab Sample ID 149361
 Client Sample ID EF-09
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 5
 Grid Box Location 2484 10C
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: 9/28/23 JJA
 Date Analyzed
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width	
← 10C	C3-3	1	F	Ch	✓		12.18	.03	
		2	F	AMO	✓		17.4	.25	
	C3-1	3	F	Ch	✓		13.92	.1	
		4	F	Ch	✓		14.1	.03	
	E3-1	5	F	Ch	✓		10.4	.05	
		6	F	Ch	✓		26.1	.03	
	E3-3	NSD							
		C3-3	7	F	Ch	✓		13.92	.03
	← 10D	C3-1	8	F	AMO	✓		13.92	.2
9			F	Ch	✓		12.18	.08	
C3-3		10	F	Ch	✓		27.84	.03	
		11	F	Ch	✓		10.4	.05	
E3-1		12	F	Ch	✓		17.4	.05	
		NSD							
E3-3		13	F	Ch	✓		14.6	.03	
		14	F	Ch	✓		10.4	.03	
E3-3		15	F	Ch	✓		19.14	.03	
	16	F	Ch	✓		13.92	.05		
E3-3	17	F	Ch	✓		14.8	.03		
	18	F	Ch	✓		5.6	.05		
E3-3	NSD								
	C3-1	19	F	Ch	✓		11.7	.03	
← 10E	C3-3	20	F	Ch	✓		20.8	.03	
		21	F	Ch	✓		12.1	.03	
	C3-1	22	F	Ch	✓		15.6	.05	
		23	F	Ch	✓		15.6	.05	
	C3-3	24	F	Ch	✓		13.9	.03	
		25	F	Ch	✓		12.18	.03	

Total Asbestos Str _____

NSD = No Structures Detected F = Fiber

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2353390
 Client job site: ME
 Batch No. 20123
 Lab Sample ID 149361
 Client Sample ID EF-09
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Description
 Aliquot 5
 Grid Box Location 2484 10C
 Date Logged In 9/15/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: [Signature]
 Date Analyzed 9/28/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
	E3-1	26	F	Ch	✓		29.5	.05
	E3-3	27	F	Ch	✓		13.9	.1
		28	F	Ch	✓		13.9	.03
	E3-3	NSD						
	E3-1	24	F	Ch	✓		31.3	.05

Total Asbestos Str. 29

NSD = No Structures Detected F = Fiber



ANALYTICAL REPORT

Lab Number:	L2353393
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	11/09/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353393-01	SD-419	SOIL	WISCASSETT MAINE	09/13/23 10:45	09/13/23
L2353393-02	FLOOR SOLIDS 01	SOIL	WISCASSETT MAINE	09/13/23 13:20	09/13/23
L2353393-03	SD-410	SOIL	WISCASSETT MAINE	09/13/23 13:30	09/13/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Case Narrative (continued)

Report Revision

November 09, 2023: The Client ID was amended on L2353393-01.

Report Submission

October 10, 2023: This final report includes the results of all requested analyses.

September 27, 2023: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2353393-01, -02, and -03: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to excessive sample weight. A High Level analysis was performed and reported.

L2353393-02: The surrogate recovery is above the acceptance criteria for 1,2-dichloroethane-d4 (132%).

Since the sample was non-detect for all associated target analytes, re-analysis was not required.

The WG1832531-3 LCS recoveries, associated with L2353393-01 and -02, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially high bias for dichlorodifluoromethane (149%) and a potentially low bias for 2-hexanone (68%).

Semivolatile Organics by SIM

L2353393-01D, -02D, and -03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2353393-01D: The surrogate recovery is outside the individual acceptance criteria for nitrobenzene-d5

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Case Narrative (continued)

(126%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.

L2353393-02D: The surrogate recovery is outside the individual acceptance criteria for nitrobenzene-d5 (125%), but within the overall method allowances. The results of the original analysis are reported; however, all associated compounds are considered to have a potential bias.

The WG1828959-2/-3 LCS/LCSD recoveries, associated with L2353393-01D, -02D, and -03D, are above the individual acceptance criteria for pentachlorophenol (111%/119%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects for this compound are considered to have a potentially high bias.

The surrogate recovery for the WG1828959-3 LCSD, associated with L2353393-01D, -02D, and -03D, is outside the acceptance criteria for nitrobenzene-d5 (127%). The LCS spike compounds are within overall method allowances; therefore, no further action was taken.

VPH

L2353393-01 and -03: The sample was outside the recommended 1:1 methanol:soil ratio due to the amount of soil provided in the sample vial.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 11/09/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/24/23 20:28
 Analyst: AJK
 Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	65	9.5	1
Chloroform	ND		ug/kg	98	9.1	1
Carbon tetrachloride	ND		ug/kg	65	15.	1
1,2-Dichloropropane	ND		ug/kg	65	8.2	1
Dibromochloromethane	ND		ug/kg	65	9.1	1
1,1,2-Trichloroethane	ND		ug/kg	65	17.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	ND		ug/kg	33	8.3	1
Trichlorofluoromethane	ND		ug/kg	260	45.	1
1,2-Dichloroethane	ND		ug/kg	65	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.1	1
1,1-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	65	35.	1
Ethylbenzene	ND		ug/kg	65	9.2	1
Chloromethane	ND		ug/kg	260	61.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	65	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	65	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	98	9.0	1
Trichloroethene	ND		ug/kg	33	9.0	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.4	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.7	1

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	36.	1
o-Xylene	ND		ug/kg	65	19.	1
Xylenes, Total	ND		ug/kg	65	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	65	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	65	9.0	1
Dibromomethane	ND		ug/kg	130	16.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.3	1
Styrene	ND		ug/kg	65	13.	1
Dichlorodifluoromethane	ND		ug/kg	650	60.	1
Acetone	ND		ug/kg	650	310	1
Carbon disulfide	ND		ug/kg	650	300	1
2-Butanone	ND		ug/kg	650	140	1
4-Methyl-2-pentanone	ND		ug/kg	650	84.	1
2-Hexanone	ND		ug/kg	650	77.	1
Bromochloromethane	ND		ug/kg	130	13.	1
Tetrahydrofuran	ND		ug/kg	260	100	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	65	18.	1
1,3-Dichloropropane	ND		ug/kg	130	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	33	8.6	1
Bromobenzene	ND		ug/kg	130	9.5	1
n-Butylbenzene	ND		ug/kg	65	11.	1
sec-Butylbenzene	ND		ug/kg	65	9.5	1
tert-Butylbenzene	ND		ug/kg	130	7.7	1
1,3,5-Trichlorobenzene	ND		ug/kg	130	11.	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	7.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	65.	1
Hexachlorobutadiene	ND		ug/kg	260	11.	1
Isopropylbenzene	ND		ug/kg	65	7.1	1
p-Isopropyltoluene	ND		ug/kg	65	7.1	1
Naphthalene	ND		ug/kg	260	42.	1
n-Propylbenzene	ND		ug/kg	65	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	21.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	18.	1

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
Ethyl ether	ND		ug/kg	130	22.	1
Diisopropyl Ether	ND		ug/kg	130	14.	1
Tert-Butyl Alcohol	ND		ug/kg	1300	340	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	130	8.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	130	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	129		70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	129		70-130

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/24/23 20:48
 Analyst: AJK
 Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	560	260	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	170	16.	1
Carbon tetrachloride	ND		ug/kg	110	26.	1
1,2-Dichloropropane	ND		ug/kg	110	14.	1
Dibromochloromethane	ND		ug/kg	110	16.	1
1,1,2-Trichloroethane	ND		ug/kg	110	30.	1
Tetrachloroethene	ND		ug/kg	56	22.	1
Chlorobenzene	ND		ug/kg	56	14.	1
Trichlorofluoromethane	ND		ug/kg	450	78.	1
1,2-Dichloroethane	ND		ug/kg	110	29.	1
1,1,1-Trichloroethane	ND		ug/kg	56	19.	1
Bromodichloromethane	ND		ug/kg	56	12.	1
1,1-Dichloropropene	ND		ug/kg	56	18.	1
Bromoform	ND		ug/kg	450	28.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	56	19.	1
Benzene	ND		ug/kg	56	19.	1
Toluene	ND		ug/kg	110	61.	1
Ethylbenzene	ND		ug/kg	110	16.	1
Chloromethane	ND		ug/kg	450	100	1
Bromomethane	ND		ug/kg	220	65.	1
Vinyl chloride	ND		ug/kg	110	38.	1
Chloroethane	ND		ug/kg	220	51.	1
1,1-Dichloroethene	ND		ug/kg	110	27.	1
trans-1,2-Dichloroethene	ND		ug/kg	170	15.	1
Trichloroethene	ND		ug/kg	56	15.	1
1,2-Dichlorobenzene	ND		ug/kg	220	16.	1
1,3-Dichlorobenzene	ND		ug/kg	220	16.	1

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	220	19.	1
Methyl tert butyl ether	ND		ug/kg	220	22.	1
p/m-Xylene	ND		ug/kg	220	63.	1
o-Xylene	ND		ug/kg	110	33.	1
Xylenes, Total	ND		ug/kg	110	33.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	20.	1
1,2-Dichloroethene, Total	ND		ug/kg	110	15.	1
Dibromomethane	ND		ug/kg	220	27.	1
1,2,3-Trichloropropane	ND		ug/kg	220	14.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	1100	100	1
Acetone	ND		ug/kg	1100	540	1
Carbon disulfide	ND		ug/kg	1100	510	1
2-Butanone	ND		ug/kg	1100	250	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	220	23.	1
Tetrahydrofuran	ND		ug/kg	450	180	1
2,2-Dichloropropane	ND		ug/kg	220	23.	1
1,2-Dibromoethane	ND		ug/kg	110	31.	1
1,3-Dichloropropane	ND		ug/kg	220	19.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	56	15.	1
Bromobenzene	ND		ug/kg	220	16.	1
n-Butylbenzene	ND		ug/kg	110	19.	1
sec-Butylbenzene	ND		ug/kg	110	16.	1
tert-Butylbenzene	ND		ug/kg	220	13.	1
1,3,5-Trichlorobenzene	ND		ug/kg	220	19.	1
o-Chlorotoluene	ND		ug/kg	220	21.	1
p-Chlorotoluene	ND		ug/kg	220	12.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	110	1
Hexachlorobutadiene	ND		ug/kg	450	19.	1
Isopropylbenzene	ND		ug/kg	110	12.	1
p-Isopropyltoluene	ND		ug/kg	110	12.	1
Naphthalene	ND		ug/kg	450	73.	1
n-Propylbenzene	ND		ug/kg	110	19.	1
1,2,3-Trichlorobenzene	ND		ug/kg	220	36.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	30.	1

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	220	22.	1
1,2,4-Trimethylbenzene	ND		ug/kg	220	37.	1
Ethyl ether	ND		ug/kg	220	38.	1
Diisopropyl Ether	ND		ug/kg	220	24.	1
Tert-Butyl Alcohol	ND		ug/kg	2200	580	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	220	14.	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	220	20.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	86		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	123		70-130

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/26/23 01:05
 Analyst: LAC
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	48	7.0	1
Chloroform	ND		ug/kg	73	6.8	1
Carbon tetrachloride	ND		ug/kg	48	11.	1
1,2-Dichloropropane	ND		ug/kg	48	6.1	1
Dibromochloromethane	ND		ug/kg	48	6.8	1
1,1,2-Trichloroethane	ND		ug/kg	48	13.	1
Tetrachloroethene	ND		ug/kg	24	9.5	1
Chlorobenzene	ND		ug/kg	24	6.2	1
Trichlorofluoromethane	ND		ug/kg	190	34.	1
1,2-Dichloroethane	ND		ug/kg	48	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.1	1
Bromodichloromethane	ND		ug/kg	24	5.3	1
1,1-Dichloropropene	ND		ug/kg	24	7.7	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	8.1	1
Benzene	ND		ug/kg	24	8.1	1
Toluene	ND		ug/kg	48	26.	1
Ethylbenzene	ND		ug/kg	48	6.8	1
Chloromethane	ND		ug/kg	190	45.	1
Bromomethane	ND		ug/kg	97	28.	1
Vinyl chloride	ND		ug/kg	48	16.	1
Chloroethane	ND		ug/kg	97	22.	1
1,1-Dichloroethene	ND		ug/kg	48	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	73	6.6	1
Trichloroethene	ND		ug/kg	24	6.6	1
1,2-Dichlorobenzene	ND		ug/kg	97	7.0	1
1,3-Dichlorobenzene	ND		ug/kg	97	7.2	1

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	97	8.3	1
Methyl tert butyl ether	ND		ug/kg	97	9.8	1
p/m-Xylene	ND		ug/kg	97	27.	1
o-Xylene	ND		ug/kg	48	14.	1
Xylenes, Total	ND		ug/kg	48	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	48	8.5	1
1,2-Dichloroethene, Total	ND		ug/kg	48	6.6	1
Dibromomethane	ND		ug/kg	97	12.	1
1,2,3-Trichloropropane	ND		ug/kg	97	6.2	1
Styrene	ND		ug/kg	48	9.5	1
Dichlorodifluoromethane	ND		ug/kg	480	44.	1
Acetone	ND		ug/kg	480	230	1
Carbon disulfide	ND		ug/kg	480	220	1
2-Butanone	ND		ug/kg	480	110	1
4-Methyl-2-pentanone	ND		ug/kg	480	62.	1
2-Hexanone	ND		ug/kg	480	57.	1
Bromochloromethane	ND		ug/kg	97	10.	1
Tetrahydrofuran	ND		ug/kg	190	77.	1
2,2-Dichloropropane	ND		ug/kg	97	9.8	1
1,2-Dibromoethane	ND		ug/kg	48	14.	1
1,3-Dichloropropane	ND		ug/kg	97	8.1	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	24	6.4	1
Bromobenzene	ND		ug/kg	97	7.0	1
n-Butylbenzene	ND		ug/kg	48	8.1	1
sec-Butylbenzene	ND		ug/kg	48	7.1	1
tert-Butylbenzene	ND		ug/kg	97	5.7	1
1,3,5-Trichlorobenzene	ND		ug/kg	97	8.4	1
o-Chlorotoluene	ND		ug/kg	97	9.3	1
p-Chlorotoluene	ND		ug/kg	97	5.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	48.	1
Hexachlorobutadiene	ND		ug/kg	190	8.2	1
Isopropylbenzene	ND		ug/kg	48	5.3	1
p-Isopropyltoluene	ND		ug/kg	48	5.3	1
Naphthalene	ND		ug/kg	190	32.	1
n-Propylbenzene	ND		ug/kg	48	8.3	1
1,2,3-Trichlorobenzene	ND		ug/kg	97	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	97	13.	1

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	97	9.4	1
1,2,4-Trimethylbenzene	ND		ug/kg	97	16.	1
Ethyl ether	ND		ug/kg	97	16.	1
Diisopropyl Ether	ND		ug/kg	97	10.	1
Tert-Butyl Alcohol	ND		ug/kg	970	250	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	97	6.2	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	97	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	93		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1832201-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1832201-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1832201-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	92		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1832531-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1832531-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-02 Batch: WG1832531-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1832201-3 WG1832201-4								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	82		83		70-130	1		30
Chloroform	86		86		70-130	0		30
Carbon tetrachloride	86		87		70-130	1		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	98		99		70-130	1		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	94		95		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	85		84		70-139	1		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	84		86		70-130	2		30
Bromodichloromethane	89		88		70-130	1		30
1,1-Dichloropropene	86		87		70-130	1		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	87		88		70-130	1		30
Benzene	89		90		70-130	1		30
Toluene	86		87		70-130	1		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	70		70		52-130	0		30
Bromomethane	82		85		57-147	4		30
Vinyl chloride	75		76		67-130	1		30
Chloroethane	85		82		50-151	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1832201-3 WG1832201-4								
1,1-Dichloroethene	78		80		65-135	3		30
trans-1,2-Dichloroethene	83		84		70-130	1		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	93		94		66-130	1		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	94		95		70-130	1		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	91		92		70-130	1		30
1,2,3-Trichloropropane	88		91		68-130	3		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	66		67		30-146	2		30
Acetone	66		66		54-140	0		30
Carbon disulfide	77		77		59-130	0		30
2-Butanone	77		76		70-130	1		30
4-Methyl-2-pentanone	76		77		70-130	1		30
2-Hexanone	77		77		70-130	0		30
Bromochloromethane	98		98		70-130	0		30
Tetrahydrofuran	81		79		66-130	3		30
2,2-Dichloropropane	80		80		70-130	0		30
1,2-Dibromoethane	96		99		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1832201-3 WG1832201-4								
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	99		101		70-130	2		30
Bromobenzene	96		97		70-130	1		30
n-Butylbenzene	90		92		70-130	2		30
sec-Butylbenzene	90		91		70-130	1		30
tert-Butylbenzene	90		92		70-130	2		30
1,3,5-Trichlorobenzene	99		100		70-139	1		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	90		91		70-130	1		30
1,2-Dibromo-3-chloropropane	84		87		68-130	4		30
Hexachlorobutadiene	91		93		67-130	2		30
Isopropylbenzene	89		90		70-130	1		30
p-Isopropyltoluene	92		93		70-130	1		30
Naphthalene	98		99		70-130	1		30
n-Propylbenzene	88		88		70-130	0		30
1,2,3-Trichlorobenzene	100		102		70-130	2		30
1,2,4-Trichlorobenzene	101		101		70-130	0		30
1,3,5-Trimethylbenzene	91		91		70-130	0		30
1,2,4-Trimethylbenzene	92		94		70-130	2		30
Ethyl ether	92		94		67-130	2		30
Diisopropyl Ether	81		82		66-130	1		30
Tert-Butyl Alcohol	74		75		70-130	1		30
Ethyl-Tert-Butyl-Ether	84		84		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1832201-3 WG1832201-4								
Tertiary-Amyl Methyl Ether	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	94		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1832531-3 WG1832531-4								
Methylene chloride	102		94		70-130	8		30
1,1-Dichloroethane	105		97		70-130	8		30
Chloroform	91		84		70-130	8		30
Carbon tetrachloride	99		95		70-130	4		30
1,2-Dichloropropane	97		94		70-130	3		30
Dibromochloromethane	109		104		70-130	5		30
1,1,2-Trichloroethane	103		100		70-130	3		30
Tetrachloroethene	120		110		70-130	9		30
Chlorobenzene	106		97		70-130	9		30
Trichlorofluoromethane	122		109		70-139	11		30
1,2-Dichloroethane	99		97		70-130	2		30
1,1,1-Trichloroethane	102		93		70-130	9		30
Bromodichloromethane	98		95		70-130	3		30
1,1-Dichloropropene	99		94		70-130	5		30
Bromoform	91		91		70-130	0		30
1,1,1,2-Tetrachloroethane	78		79		70-130	1		30
Benzene	102		96		70-130	6		30
Toluene	103		94		70-130	9		30
Ethylbenzene	103		94		70-130	9		30
Chloromethane	121		104		52-130	15		30
Bromomethane	106		93		57-147	13		30
Vinyl chloride	121		105		67-130	14		30
Chloroethane	108		96		50-151	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1832531-3 WG1832531-4								
1,1-Dichloroethene	113		103		65-135	9		30
trans-1,2-Dichloroethene	110		100		70-130	10		30
Trichloroethene	112		108		70-130	4		30
1,2-Dichlorobenzene	98		95		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	101		97		70-130	4		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	112		102		70-130	9		30
o-Xylene	110		101		70-130	9		30
cis-1,2-Dichloroethene	102		84		70-130	19		30
Dibromomethane	98		97		70-130	1		30
1,2,3-Trichloropropane	77		78		68-130	1		30
Styrene	113		104		70-130	8		30
Dichlorodifluoromethane	149	Q	131		30-146	13		30
Acetone	73		80		54-140	9		30
Carbon disulfide	112		100		59-130	11		30
2-Butanone	70		76		70-130	8		30
4-Methyl-2-pentanone	73		80		70-130	9		30
2-Hexanone	68	Q	72		70-130	6		30
Bromochloromethane	98		93		70-130	5		30
Tetrahydrofuran	75		86		66-130	14		30
2,2-Dichloropropane	105		81		70-130	26		30
1,2-Dibromoethane	106		104		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1832531-3 WG1832531-4								
1,3-Dichloropropane	98		93		69-130	5		30
1,1,1,2-Tetrachloroethane	116		107		70-130	8		30
Bromobenzene	101		96		70-130	5		30
n-Butylbenzene	98		93		70-130	5		30
sec-Butylbenzene	98		94		70-130	4		30
tert-Butylbenzene	96		92		70-130	4		30
1,3,5-Trichlorobenzene	110		104		70-139	6		30
o-Chlorotoluene	115		108		70-130	6		30
p-Chlorotoluene	94		90		70-130	4		30
1,2-Dibromo-3-chloropropane	88		95		68-130	8		30
Hexachlorobutadiene	110		108		67-130	2		30
Isopropylbenzene	93		89		70-130	4		30
p-Isopropyltoluene	100		97		70-130	3		30
Naphthalene	83		88		70-130	6		30
n-Propylbenzene	93		89		70-130	4		30
1,2,3-Trichlorobenzene	107		107		70-130	0		30
1,2,4-Trichlorobenzene	108		104		70-130	4		30
1,3,5-Trimethylbenzene	99		94		70-130	5		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
Ethyl ether	105		102		67-130	3		30
Diisopropyl Ether	103		99		66-130	4		30
Tert-Butyl Alcohol	79		85		70-130	7		30
Ethyl-Tert-Butyl-Ether	104		100		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-02 Batch: WG1832531-3 WG1832531-4								
Tertiary-Amyl Methyl Ether	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		94		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	96		95		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 11:18
 Analyst: IM
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	720	240	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
1,2-Dichlorobenzene	ND		ug/kg	220	39.	1
1,3-Dichlorobenzene	ND		ug/kg	220	38.	1
1,4-Dichlorobenzene	ND		ug/kg	220	38.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Azobenzene	ND		ug/kg	220	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Isophorone	ND		ug/kg	200	28.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	290		ug/kg	220	76.	1
Butyl benzyl phthalate	56	J	ug/kg	220	55.	1
Di-n-butylphthalate	1200		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Biphenyl	ND		ug/kg	500	28.	1
Aniline	ND		ug/kg	260	100	1
4-Chloroaniline	ND		ug/kg	220	40.	1

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	250		ug/kg	220	21.	1
n-Nitrosodimethylamine	ND		ug/kg	440	42.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	570	100	1
Phenol	33	J	ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	92	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Benzoic Acid	ND		ug/kg	710	220	1
Benzyl Alcohol	ND		ug/kg	220	67.	1
Carbazole	570		ug/kg	220	21.	1
Pyridine	ND		ug/kg	240	83.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	65		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-01 D
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/26/23 12:38
 Analyst: RP
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	320		ug/kg	87	18.	10
2-Chloronaphthalene	ND		ug/kg	87	11.	10
Fluoranthene	4900		ug/kg	87	6.1	10
Hexachlorobutadiene	ND		ug/kg	87	12.	10
Naphthalene	110		ug/kg	87	16.	10
Benzo(a)anthracene	2300		ug/kg	87	8.3	10
Benzo(a)pyrene	2200		ug/kg	87	10.	10
Benzo(b)fluoranthene	2900		ug/kg	87	8.3	10
Benzo(k)fluoranthene	850		ug/kg	87	7.9	10
Chrysene	2100		ug/kg	87	6.6	10
Acenaphthylene	56	J	ug/kg	87	11.	10
Anthracene	970		ug/kg	87	7.0	10
Benzo(ghi)perylene	1200		ug/kg	87	7.4	10
Fluorene	370		ug/kg	87	10.	10
Phenanthrene	3000		ug/kg	87	7.4	10
Dibenzo(a,h)anthracene	300		ug/kg	87	8.7	10
Indeno(1,2,3-cd)Pyrene	1600		ug/kg	87	10.	10
Pyrene	3900		ug/kg	87	6.1	10
1-Methylnaphthalene	34	J	ug/kg	87	14.	10
2-Methylnaphthalene	46	J	ug/kg	87	25.	10
Pentachlorophenol	44	J	ug/kg	350	38.	10
Hexachlorobenzene	ND		ug/kg	87	9.2	10
Hexachloroethane	ND		ug/kg	87	16.	10

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01 D

Date Collected: 09/13/23 10:45

Client ID: SD-419

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	96		10-120
Nitrobenzene-d5	126	Q	23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	62		18-120

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 08:30
 Analyst: IM
 Percent Solids: 56%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	960	320	1
1,2,4-Trichlorobenzene	ND		ug/kg	290	33.	1
Bis(2-chloroethyl)ether	ND		ug/kg	260	40.	1
1,2-Dichlorobenzene	ND		ug/kg	290	52.	1
1,3-Dichlorobenzene	ND		ug/kg	290	50.	1
1,4-Dichlorobenzene	ND		ug/kg	290	51.	1
3,3'-Dichlorobenzidine	ND		ug/kg	290	78.	1
2,4-Dinitrotoluene	ND		ug/kg	290	58.	1
2,6-Dinitrotoluene	ND		ug/kg	290	50.	1
Azobenzene	ND		ug/kg	290	28.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	290	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	290	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	350	50.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	320	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	830	260	1
Isophorone	ND		ug/kg	260	38.	1
Nitrobenzene	ND		ug/kg	260	43.	1
NDPA/DPA	ND		ug/kg	230	33.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	290	45.	1
Bis(2-ethylhexyl)phthalate	4000		ug/kg	290	100	1
Butyl benzyl phthalate	920		ug/kg	290	74.	1
Di-n-butylphthalate	400		ug/kg	290	55.	1
Di-n-octylphthalate	240	J	ug/kg	290	99.	1
Diethyl phthalate	ND		ug/kg	290	27.	1
Dimethyl phthalate	ND		ug/kg	290	61.	1
Biphenyl	ND		ug/kg	660	38.	1
Aniline	ND		ug/kg	350	140	1
4-Chloroaniline	ND		ug/kg	290	53.	1

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	290	56.	1
3-Nitroaniline	ND		ug/kg	290	55.	1
4-Nitroaniline	ND		ug/kg	290	120	1
Dibenzofuran	97	J	ug/kg	290	28.	1
n-Nitrosodimethylamine	ND		ug/kg	580	56.	1
2,4,6-Trichlorophenol	ND		ug/kg	180	55.	1
p-Chloro-m-cresol	ND		ug/kg	290	43.	1
2-Chlorophenol	ND		ug/kg	290	34.	1
2,4-Dichlorophenol	ND		ug/kg	260	47.	1
2,4-Dimethylphenol	ND		ug/kg	290	96.	1
2-Nitrophenol	ND		ug/kg	630	110	1
4-Nitrophenol	ND		ug/kg	410	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	140	1
4,6-Dinitro-o-cresol	ND		ug/kg	760	140	1
Phenol	66	J	ug/kg	290	44.	1
2-Methylphenol	ND		ug/kg	290	45.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	420	46.	1
2,4,5-Trichlorophenol	ND		ug/kg	290	56.	1
Benzoic Acid	ND		ug/kg	940	300	1
Benzyl Alcohol	ND		ug/kg	290	89.	1
Carbazole	360		ug/kg	290	28.	1
Pyridine	ND		ug/kg	320	110	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	78		18-120

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02 D

Date Collected: 09/13/23 13:20

Client ID: FLOOR SOLIDS 01

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 12:54

Analyst: RP

Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	68	J	ug/kg	120	24.	10
2-Chloronaphthalene	ND		ug/kg	120	15.	10
Fluoranthene	5900		ug/kg	120	8.2	10
Hexachlorobutadiene	ND		ug/kg	120	16.	10
Naphthalene	35	J	ug/kg	120	21.	10
Benzo(a)anthracene	2100		ug/kg	120	11.	10
Benzo(a)pyrene	1500		ug/kg	120	14.	10
Benzo(b)fluoranthene	3400		ug/kg	120	11.	10
Benzo(k)fluoranthene	900		ug/kg	120	10.	10
Chrysene	2900		ug/kg	120	8.8	10
Acenaphthylene	27	J	ug/kg	120	14.	10
Anthracene	160		ug/kg	120	9.3	10
Benzo(ghi)perylene	1200		ug/kg	120	9.9	10
Fluorene	27	J	ug/kg	120	14.	10
Phenanthrene	2700		ug/kg	120	9.9	10
Dibenzo(a,h)anthracene	330		ug/kg	120	12.	10
Indeno(1,2,3-cd)Pyrene	1600		ug/kg	120	14.	10
Pyrene	4100		ug/kg	120	8.2	10
1-Methylnaphthalene	65	J	ug/kg	120	18.	10
2-Methylnaphthalene	49	J	ug/kg	120	33.	10
Pentachlorophenol	76	J	ug/kg	470	51.	10
Hexachlorobenzene	ND		ug/kg	120	12.	10
Hexachloroethane	ND		ug/kg	120	22.	10

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02 D

Date Collected: 09/13/23 13:20

Client ID: FLOOR SOLIDS 01

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	125	Q	23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	72		18-120

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 10:30
 Analyst: IM
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Biphenyl	ND		ug/kg	450	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	100	J	ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	250		ug/kg	200	19.	1
Pyridine	ND		ug/kg	210	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	108		10-136
4-Terphenyl-d14	82		18-120

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03 D

Date Collected: 09/13/23 13:30

Client ID: SD-410

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 13:11

Analyst: RP

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	160		ug/kg	80	17.	10
2-Chloronaphthalene	ND		ug/kg	80	10.	10
Fluoranthene	5400		ug/kg	80	5.6	10
Hexachlorobutadiene	ND		ug/kg	80	11.	10
Naphthalene	66	J	ug/kg	80	14.	10
Benzo(a)anthracene	2100		ug/kg	80	7.6	10
Benzo(a)pyrene	1500		ug/kg	80	9.5	10
Benzo(b)fluoranthene	1800		ug/kg	80	7.6	10
Benzo(k)fluoranthene	620		ug/kg	80	7.2	10
Chrysene	1800		ug/kg	80	6.0	10
Acenaphthylene	69	J	ug/kg	80	9.9	10
Anthracene	940		ug/kg	80	6.4	10
Benzo(ghi)perylene	670		ug/kg	80	6.8	10
Fluorene	180		ug/kg	80	9.5	10
Phenanthrene	3200		ug/kg	80	6.8	10
Dibenzo(a,h)anthracene	180		ug/kg	80	8.0	10
Indeno(1,2,3-cd)Pyrene	860		ug/kg	80	9.5	10
Pyrene	4300		ug/kg	80	5.6	10
1-Methylnaphthalene	29	J	ug/kg	80	12.	10
2-Methylnaphthalene	35	J	ug/kg	80	23.	10
Pentachlorophenol	ND		ug/kg	320	35.	10
Hexachlorobenzene	ND		ug/kg	80	8.4	10
Hexachloroethane	ND		ug/kg	80	15.	10

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03 D

Date Collected: 09/13/23 13:30

Client ID: SD-410

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	84		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	120		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	76		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1828957-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1828957-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
Aniline	ND		ug/kg	200	77.
4-Chloroaniline	ND		ug/kg	160	30.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1828957-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Pyridine	ND		ug/kg	180	62.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1828959-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.85
Fluoranthene	2.6	J	ug/kg	6.6	0.46
Hexachlorobutadiene	ND		ug/kg	6.6	0.92
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.9	J	ug/kg	6.6	0.62
Benzo(a)pyrene	1.7	J	ug/kg	6.6	0.79
Benzo(b)fluoranthene	1.9	J	ug/kg	6.6	0.62
Benzo(k)fluoranthene	0.66	J	ug/kg	6.6	0.59
Chrysene	1.5	J	ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.52
Benzo(ghi)perylene	1.5	J	ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	0.79	J	ug/kg	6.6	0.66
Indeno(1,2,3-cd)Pyrene	1.8	J	ug/kg	6.6	0.79
Pyrene	2.2	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9
Pentachlorophenol	ND		ug/kg	26	2.9
Hexachlorobenzene	ND		ug/kg	6.6	0.69
Hexachloroethane	ND		ug/kg	6.6	1.2

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03 Batch: WG1828959-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1828957-2 WG1828957-3								
Acenaphthene	68		65		31-137	5		50
Benzidine	42		37		10-66	13		50
1,2,4-Trichlorobenzene	77		73		38-107	5		50
Hexachlorobenzene	82		77		40-140	6		50
Bis(2-chloroethyl)ether	67		67		40-140	0		50
2-Chloronaphthalene	81		77		40-140	5		50
1,2-Dichlorobenzene	66		63		40-140	5		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	67		63		28-104	6		50
3,3'-Dichlorobenzidine	68		65		40-140	5		50
2,4-Dinitrotoluene	84		79		40-132	6		50
2,6-Dinitrotoluene	87		81		40-140	7		50
Azobenzene	75		72		40-140	4		50
Fluoranthene	77		73		40-140	5		50
4-Chlorophenyl phenyl ether	81		76		40-140	6		50
4-Bromophenyl phenyl ether	86		80		40-140	7		50
Bis(2-chloroisopropyl)ether	64		62		40-140	3		50
Bis(2-chloroethoxy)methane	72		68		40-117	6		50
Hexachlorobutadiene	89		85		40-140	5		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	70		67		40-140	4		50
Naphthalene	66		63		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1828957-2 WG1828957-3								
Nitrobenzene	72		69		40-140	4		50
NDPA/DPA	75		72		36-157	4		50
n-Nitrosodi-n-propylamine	71		68		32-121	4		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		75		40-140	4		50
Di-n-butylphthalate	71		68		40-140	4		50
Di-n-octylphthalate	79		76		40-140	4		50
Diethyl phthalate	76		73		40-140	4		50
Dimethyl phthalate	78		75		40-140	4		50
Benzo(a)anthracene	75		72		40-140	4		50
Benzo(a)pyrene	77		75		40-140	3		50
Benzo(b)fluoranthene	71		69		40-140	3		50
Benzo(k)fluoranthene	72		68		40-140	6		50
Chrysene	74		71		40-140	4		50
Acenaphthylene	74		71		40-140	4		50
Anthracene	71		66		40-140	7		50
Benzo(ghi)perylene	70		66		40-140	6		50
Fluorene	75		72		40-140	4		50
Phenanthrene	69		66		40-140	4		50
Dibenzo(a,h)anthracene	68		65		40-140	5		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	78		74		35-142	5		50
Biphenyl	80		76		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1828957-2 WG1828957-3								
Aniline	55		54		40-140	2		50
4-Chloroaniline	59		59		40-140	0		50
1-Methylnaphthalene	74		71		26-130	4		50
2-Nitroaniline	84		81		47-134	4		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	73		68		41-125	7		50
Dibenzofuran	74		72		40-140	3		50
2-Methylnaphthalene	71		68		40-140	4		50
n-Nitrosodimethylamine	67		64		22-100	5		50
2,4,6-Trichlorophenol	96		92		30-130	4		50
p-Chloro-m-cresol	76		74		26-103	3		50
2-Chlorophenol	69		66		25-102	4		50
2,4-Dichlorophenol	82		79		30-130	4		50
2,4-Dimethylphenol	72		67		30-130	7		50
2-Nitrophenol	80		75		30-130	6		50
4-Nitrophenol	91		85		11-114	7		50
2,4-Dinitrophenol	90		63		4-130	35		50
4,6-Dinitro-o-cresol	96		82		10-130	16		50
Pentachlorophenol	83		78		17-109	6		50
Phenol	70		65		26-90	7		50
2-Methylphenol	69		67		30-130.	3		50
3-Methylphenol/4-Methylphenol	69		66		30-130	4		50
2,4,5-Trichlorophenol	93		88		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1828957-2 WG1828957-3								
Benzoic Acid	40		37		10-110	8		50
Benzyl Alcohol	73		69		40-140	6		50
Carbazole	69		64		54-128	8		50
Pyridine	46		43		10-93	7		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	74		70		25-120
Phenol-d6	76		71		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	82		78		30-120
2,4,6-Tribromophenol	88		79		10-136
4-Terphenyl-d14	75		68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1828959-2 WG1828959-3								
Acenaphthene	87		97		40-140	11		50
2-Chloronaphthalene	89		102		40-140	14		50
Fluoranthene	99		106		40-140	7		50
Hexachlorobutadiene	72		81		34-107	12		50
Naphthalene	86		97		40-140	12		50
Benzo(a)anthracene	98		114		40-140	15		50
Benzo(a)pyrene	105		119		40-140	13		50
Benzo(b)fluoranthene	105		110		40-140	5		50
Benzo(k)fluoranthene	86		104		40-140	19		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	105		118		40-140	12		50
Anthracene	96		104		40-140	8		50
Benzo(ghi)perylene	87		99		40-140	13		50
Fluorene	95		106		40-140	11		50
Phenanthrene	92		101		40-140	9		50
Dibenzo(a,h)anthracene	98		108		40-140	10		50
Indeno(1,2,3-cd)Pyrene	120		131		40-140	9		50
Pyrene	98		107		35-142	9		50
1-Methylnaphthalene	89		100		40-140	12		50
2-Methylnaphthalene	100		112		40-140	11		50
Pentachlorophenol	111	Q	119	Q	17-109	7		50
Hexachlorobenzene	67		75		40-140	11		50
Hexachloroethane	68		76		29-106	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03 Batch: WG1828959-2 WG1828959-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		102		25-120
Phenol-d6	102		113		10-120
Nitrobenzene-d5	115		127	Q	23-120
2-Fluorobiphenyl	89		99		30-120
2,4,6-Tribromophenol	78		86		10-136
4-Terphenyl-d14	98		106		18-120

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/26/23 08:40
 Analyst: MKS
 Percent Solids: 74%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.4

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.53	6.53	1
C9-C12 Aliphatics	ND		mg/kg	6.53	6.53	1
C9-C10 Aromatics	ND		mg/kg	6.53	6.53	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.53	6.53	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.53	6.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	77		70-130
2,5-Dibromotoluene-FID	78		70-130

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 17:48
 Analyst: LMR
 Percent Solids: 74%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	8.85	8.85	1
C19-C36 Aliphatics	120		mg/kg	8.85	8.85	1
C11-C22 Aromatics	178		mg/kg	8.85	8.85	1
C11-C22 Aromatics, Adjusted	114		mg/kg	8.85	8.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	81		40-140
2-Fluorobiphenyl	86		40-140
2-Bromonaphthalene	91		40-140

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/26/23 09:10
 Analyst: MKS
 Percent Solids: 56%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	11.2	11.2	1
C9-C12 Aliphatics	ND		mg/kg	11.2	11.2	1
C9-C10 Aromatics	ND		mg/kg	11.2	11.2	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	11.2	11.2	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	11.2	11.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	89		70-130
2,5-Dibromotoluene-FID	93		70-130

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 17:11
 Analyst: MTC
 Percent Solids: 56%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	19.4		mg/kg	11.6	11.6	1
C19-C36 Aliphatics	104		mg/kg	11.6	11.6	1
C11-C22 Aromatics	109		mg/kg	11.6	11.6	1
C11-C22 Aromatics, Adjusted	77.4		mg/kg	11.6	11.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	65		40-140
o-Terphenyl	80		40-140
2-Fluorobiphenyl	78		40-140
2-Bromonaphthalene	76		40-140

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/26/23 09:40
 Analyst: MKS
 Percent Solids: 82%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.6

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	4.86	4.86	1
C9-C12 Aliphatics	ND		mg/kg	4.86	4.86	1
C9-C10 Aromatics	ND		mg/kg	4.86	4.86	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.86	4.86	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.86	4.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	92		70-130
2,5-Dibromotoluene-FID	94		70-130

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 16:36
 Analyst: MTC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.83	7.83	1
C19-C36 Aliphatics	ND		mg/kg	7.83	7.83	1
C11-C22 Aromatics	28.3		mg/kg	7.83	7.83	1
C11-C22 Aromatics, Adjusted	20.7		mg/kg	7.83	7.83	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	73		40-140
o-Terphenyl	96		40-140
2-Fluorobiphenyl	85		40-140
2-Bromonaphthalene	85		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/20/23 10:41
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/19/23 02:02
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-03 Batch: WG1828966-1					
C9-C18 Aliphatics	ND		mg/kg	6.51	6.51
C19-C36 Aliphatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.51	6.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	73		40-140
2-Bromonaphthalene	73		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/25/23 21:08
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-03 Batch: WG1832635-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics	ND		mg/kg	5.00	5.00
C9-C10 Aromatics	ND		mg/kg	5.00	5.00
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	86		70-130
2,5-Dibromotoluene-FID	86		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1828966-2 WG1828966-3								
C9-C18 Aliphatics	58		56		40-140	4		25
C19-C36 Aliphatics	70		64		40-140	9		25
C11-C22 Aromatics	77		71		40-140	8		25
Naphthalene	67		64		40-140	5		25
2-Methylnaphthalene	70		67		40-140	4		25
Acenaphthylene	65		62		40-140	5		25
Acenaphthene	70		66		40-140	6		25
Fluorene	74		69		40-140	7		25
Phenanthrene	75		69		40-140	8		25
Anthracene	74		68		40-140	8		25
Fluoranthene	74		68		40-140	8		25
Pyrene	76		70		40-140	8		25
Benzo(a)anthracene	75		69		40-140	8		25
Chrysene	78		71		40-140	9		25
Benzo(b)fluoranthene	72		67		40-140	7		25
Benzo(k)fluoranthene	69		64		40-140	8		25
Benzo(a)pyrene	76		70		40-140	8		25
Indeno(1,2,3-cd)Pyrene	73		68		40-140	7		25
Dibenzo(a,h)anthracene	71		66		40-140	7		25
Benzo(ghi)perylene	69		65		40-140	6		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1828966-2 WG1828966-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	58		56		40-140
o-Terphenyl	70		64		40-140
2-Fluorobiphenyl	71		71		40-140
2-Bromonaphthalene	71		72		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-03 Batch: WG1832635-2 WG1832635-3								
C5-C8 Aliphatics	91		92		70-130	2		25
C9-C12 Aliphatics	98		102		70-130	4		25
C9-C10 Aromatics	96		98		70-130	2		25
Benzene	96		98		70-130	1		25
Toluene	98		99		70-130	1		25
Ethylbenzene	98		100		70-130	2		25
p/m-Xylene	96		98		70-130	2		25
o-Xylene	97		98		70-130	1		25
Methyl tert butyl ether	94		93		70-130	1		25
Naphthalene	97		96		70-130	1		25
1,2,4-Trimethylbenzene	96		98		70-130	2		25
Pentane	78		78		70-130	0		25
2-Methylpentane	90		94		70-130	3		25
2,2,4-Trimethylpentane	100		102		70-130	2		25
n-Nonane	99		102		30-130	3		25
n-Decane	96		100		70-130	4		25
n-Butylcyclohexane	100		103		70-130	3		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	89		90		70-130
2,5-Dibromotoluene-FID	88		90		70-130



PCBS

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-01
 Client ID: SD-419
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 10:45
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 13:05
 Analyst: ER
 Percent Solids: 74%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.2	5.80	1	A
Aroclor 1221	ND		ug/kg	39.2	6.55	1	A
Aroclor 1232	ND		ug/kg	39.2	13.8	1	A
Aroclor 1242	ND		ug/kg	39.2	8.81	1	A
Aroclor 1248	ND		ug/kg	26.1	9.80	1	A
Aroclor 1254	ND		ug/kg	39.2	7.15	1	A
Aroclor 1260	417		ug/kg	26.1	12.1	1	A
Aroclor 1262	ND		ug/kg	13.1	8.30	1	A
Aroclor 1268	ND		ug/kg	13.1	6.77	1	A
PCBs, Total	417		ug/kg	13.1	5.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-02
 Client ID: FLOOR SOLIDS 01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:20
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 13:15
 Analyst: ER
 Percent Solids: 56%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.3	7.74	1	A
Aroclor 1221	ND		ug/kg	52.3	8.74	1	A
Aroclor 1232	ND		ug/kg	52.3	18.5	1	A
Aroclor 1242	ND		ug/kg	52.3	11.8	1	A
Aroclor 1248	ND		ug/kg	34.9	13.1	1	A
Aroclor 1254	ND		ug/kg	52.3	9.54	1	A
Aroclor 1260	1280		ug/kg	34.9	16.1	1	B
Aroclor 1262	ND		ug/kg	17.4	11.1	1	A
Aroclor 1268	ND		ug/kg	17.4	9.04	1	A
PCBs, Total	1280		ug/kg	17.4	7.74	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03
 Client ID: SD-410
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 13:30
 Date Received: 09/13/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/22/23 17:00
 Analyst: RMP
 Percent Solids: 82%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	5.11	1	A
Aroclor 1221	ND		ug/kg	34.6	5.77	1	A
Aroclor 1232	ND		ug/kg	34.6	12.2	1	A
Aroclor 1242	ND		ug/kg	34.6	7.76	1	A
Aroclor 1248	ND		ug/kg	23.0	8.64	1	A
Aroclor 1254	ND		ug/kg	34.6	6.30	1	A
Aroclor 1260	27.7		ug/kg	23.0	10.6	1	A
Aroclor 1262	ND		ug/kg	11.5	7.31	1	A
Aroclor 1268	ND		ug/kg	11.5	5.97	1	A
PCBs, Total	27.7		ug/kg	11.5	5.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:35
Analyst: ER

Extraction Method: EPA 3540C
Extraction Date: 09/15/23 15:40
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03 Batch: WG1827993-1						
Aroclor 1016	ND		ug/kg	29.4	4.35	A
Aroclor 1221	ND		ug/kg	29.4	4.91	A
Aroclor 1232	ND		ug/kg	29.4	10.4	A
Aroclor 1242	ND		ug/kg	29.4	6.61	A
Aroclor 1248	ND		ug/kg	19.6	7.35	A
Aroclor 1254	ND		ug/kg	29.4	5.36	A
Aroclor 1260	ND		ug/kg	19.6	9.06	A
Aroclor 1262	ND		ug/kg	9.80	6.22	A
Aroclor 1268	ND		ug/kg	9.80	5.08	A
PCBs, Total	ND		ug/kg	9.80	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03 Batch: WG1827993-2 WG1827993-3									
Aroclor 1016	70		73		40-140	4		50	A
Aroclor 1260	69		70		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	A
Decachlorobiphenyl	78		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	77		75		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-01

Date Collected: 09/13/23 10:45

Client ID: SD-419

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4200		mg/kg	130	19.	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Antimony, Total	19		mg/kg	2.1	0.18	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Arsenic, Total	38		mg/kg	0.66	0.09	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Barium, Total	140		mg/kg	3.9	0.28	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.14	J	mg/kg	0.39	0.11	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Cadmium, Total	24		mg/kg	0.26	0.04	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Calcium, Total	14000		mg/kg	660	80.	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Chromium, Total	400		mg/kg	2.6	0.62	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Cobalt, Total	36		mg/kg	0.66	0.07	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Copper, Total	560		mg/kg	2.6	0.26	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Iron, Total	360000		mg/kg	2600	270	100	09/22/23 00:21	09/26/23 21:40	EPA 3050B	1,6020B	EJF
Lead, Total	1400		mg/kg	0.79	0.19	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Magnesium, Total	2800		mg/kg	130	16.	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Manganese, Total	3000		mg/kg	2.6	0.58	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Mercury, Total	0.441		mg/kg	0.086	0.056	1	09/22/23 01:13	09/24/23 18:16	EPA 7471B	1,7471B	DJR
Nickel, Total	620		mg/kg	1.3	0.35	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Potassium, Total	1100		mg/kg	130	21.	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Selenium, Total	1.3	J	mg/kg	2.6	0.99	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Silver, Total	0.29	J	mg/kg	0.66	0.06	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Sodium, Total	590		mg/kg	200	15.	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Thallium, Total	ND		mg/kg	0.53	0.07	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Vanadium, Total	990		mg/kg	1.3	0.50	10	09/22/23 00:21	09/26/23 19:29	EPA 3050B	1,6020B	EJF
Zinc, Total	3200		mg/kg	130	34.	100	09/22/23 00:21	09/26/23 21:40	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-03

Date Collected: 09/13/23 13:30

Client ID: SD-410

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9700		mg/kg	120	18.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Antimony, Total	0.48	J	mg/kg	1.9	0.16	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Arsenic, Total	11		mg/kg	0.59	0.08	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Barium, Total	36		mg/kg	3.6	0.25	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.35	J	mg/kg	0.36	0.10	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.16	J	mg/kg	0.24	0.03	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Calcium, Total	1800		mg/kg	590	72.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Chromium, Total	43		mg/kg	2.4	0.56	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Cobalt, Total	19		mg/kg	0.59	0.06	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Copper, Total	280		mg/kg	2.4	0.23	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Iron, Total	53000		mg/kg	240	24.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Lead, Total	68		mg/kg	0.71	0.17	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Magnesium, Total	6000		mg/kg	120	15.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Manganese, Total	600		mg/kg	2.4	0.53	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.087	0.057	1	09/25/23 20:48	09/26/23 11:01	EPA 7471B	1,7471B	RJP
Nickel, Total	480		mg/kg	1.2	0.32	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Potassium, Total	3200		mg/kg	120	19.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Selenium, Total	2.4		mg/kg	2.4	0.90	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Silver, Total	0.08	J	mg/kg	0.59	0.06	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Sodium, Total	2100		mg/kg	180	14.	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Thallium, Total	0.19	J	mg/kg	0.48	0.06	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Vanadium, Total	100		mg/kg	1.2	0.45	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF
Zinc, Total	76		mg/kg	12	3.1	10	09/22/23 00:21	09/26/23 19:34	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03 Batch: WG1828012-1									
Aluminum, Total	ND	mg/kg	100	15.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Antimony, Total	ND	mg/kg	1.6	0.14	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Arsenic, Total	ND	mg/kg	0.50	0.07	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Barium, Total	ND	mg/kg	3.0	0.21	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Beryllium, Total	ND	mg/kg	0.30	0.09	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Cadmium, Total	ND	mg/kg	0.20	0.03	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Calcium, Total	ND	mg/kg	500	61.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Chromium, Total	ND	mg/kg	2.0	0.47	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Cobalt, Total	ND	mg/kg	0.50	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Copper, Total	ND	mg/kg	2.0	0.19	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Iron, Total	ND	mg/kg	200	21.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Lead, Total	ND	mg/kg	0.60	0.15	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Magnesium, Total	ND	mg/kg	100	12.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Manganese, Total	ND	mg/kg	2.0	0.44	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Nickel, Total	ND	mg/kg	1.0	0.27	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Potassium, Total	ND	mg/kg	100	16.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Selenium, Total	ND	mg/kg	2.0	0.76	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Silver, Total	ND	mg/kg	0.50	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Sodium, Total	ND	mg/kg	150	12.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Thallium, Total	ND	mg/kg	0.40	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Vanadium, Total	ND	mg/kg	1.0	0.38	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Zinc, Total	ND	mg/kg	10	2.6	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1828013-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/22/23 01:13	09/24/23 17:29	1,7471B	DJR



Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03 Batch: WG1831454-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/25/23 20:48	09/26/23 10:41	1,7471B	RJP

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG1828012-2 SRM Lot Number: D119-540								
Aluminum, Total	92		-		48-152	-		20
Antimony, Total	108		-		10-190	-		20
Arsenic, Total	104		-		83-117	-		20
Barium, Total	101		-		82-118	-		20
Beryllium, Total	103		-		83-117	-		20
Cadmium, Total	104		-		82-117	-		20
Calcium, Total	104		-		81-118	-		20
Chromium, Total	105		-		82-119	-		20
Cobalt, Total	103		-		83-117	-		20
Copper, Total	103		-		84-116	-		20
Iron, Total	121		-		60-140	-		20
Lead, Total	109		-		82-118	-		20
Magnesium, Total	105		-		76-124	-		20
Manganese, Total	108		-		82-118	-		20
Nickel, Total	106		-		82-117	-		20
Potassium, Total	94		-		70-130	-		20
Selenium, Total	101		-		79-121	-		20
Silver, Total	112		-		80-120	-		20
Sodium, Total	111		-		74-126	-		20
Thallium, Total	106		-		81-119	-		20
Vanadium, Total	107		-		79-121	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03 Batch: WG1828012-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1828013-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	
Total Metals - Mansfield Lab Associated sample(s): 03 Batch: WG1831454-2 SRM Lot Number: D119-540					
Mercury, Total	98	-	73-127	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-01

Date Collected: 09/13/23 10:45

Client ID: SD-419

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	3.39		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	3.34		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	3.37		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	74.3		%	0.100	NA	1	-	09/14/23 12:30	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

SAMPLE RESULTS

Lab ID: L2353393-02

Date Collected: 09/13/23 13:20

Client ID: FLOOR SOLIDS 01

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	4.66		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	4.98		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	4.82		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	56.2		%	0.100	NA	1	-	09/14/23 12:30	121,2540G	ROI



Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**SAMPLE RESULTS**

Lab ID: L2353393-03

Date Collected: 09/13/23 13:30

Client ID: SD-410

Date Received: 09/13/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	1.26		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	1.06		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	1.16		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	09/14/23 12:30	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353393

Project Number: Not Specified

Report Date: 11/09/23

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG1827364-2										
Solids, Total	99.9		%	0.100	NA	1	-	09/14/23 12:30	121,2540G	ROI
Total Organic Carbon - Mansfield Lab for sample(s): 01-03 Batch: WG1837447-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Rep2)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP
Total Organic Carbon (Average)	ND		%	0.010	0.010	1	-	10/09/23 12:18	1,9060A	SPP

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-03 Batch: WG1837447-2								
Total Organic Carbon (Rep1)	92		-		75-125	-		25
Total Organic Carbon (Rep2)	112		-		75-125	-		25
Total Organic Carbon (Average)	102		-		75-125	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353393

Report Date: 11/09/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG1827364-1 QC Sample: L2353393-01 Client ID: SD-419						
Solids, Total	74.3	75.9	%	2		20

Project Name: MASON STATION**Lab Number:** L2353393**Project Number:** Not Specified**Report Date:** 11/09/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact
B	Present/Intact
C	Present/Intact
D	Present/Intact
E	Present/Intact
F	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353393-01A	Vial MeOH preserved	A	NA		2.8	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353393-01B	Vial water preserved	A	NA		2.8	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-01C	Vial water preserved	A	NA		2.8	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-01D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Present/Intact		ME-TS-2540(7)
L2353393-01E	Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Present/Intact		BA-6020T(180),FE-6020T(180),TL-6020T(180),SE-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),CD-6020T(180),AG-6020T(180),MG-6020T(180),A2-TOC-9060-2REPS(28),CO-6020T(180)
L2353393-01F	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Present/Intact		SUB-ASBESTOS()
L2353393-01G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Present/Intact		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353393-02A	Vial MeOH preserved	D	NA		4.5	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353393-02B	Vial water preserved	D	NA		4.5	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-02C	Vial water preserved	D	NA		4.5	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-02D	Plastic 2oz unpreserved for TS	D	NA		4.5	Y	Present/Intact		ME-TS-2540(7)
L2353393-02E	Glass 60ml unpreserved split	D	NA		4.5	Y	Present/Intact		A2-TOC-9060-2REPS(28)
L2353393-02F	Glass 250ml/8oz unpreserved	D	NA		4.5	Y	Present/Intact		SUB-ASBESTOS()

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:11092317:08
Lab Number: L2353393
Report Date: 11/09/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353393-02G	Glass 500ml/16oz unpreserved	D	NA		4.5	Y	Present/Intact		EPH-20(14),PCB-8082LL-3540C(365)
L2353393-03A	Vial MeOH preserved	A	NA		2.8	Y	Present/Intact		8260HLW(14),VPH-18(28)
L2353393-03B	Vial water preserved	A	NA		2.8	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-03C	Vial water preserved	A	NA		2.8	Y	Present/Intact	14-SEP-23 10:39	8260HLW(14)
L2353393-03D	Plastic 2oz unpreserved for TS	A	NA		2.8	Y	Present/Intact		ME-TS-2540(7)
L2353393-03E	Glass 60mL/2oz unpreserved	A	NA		2.8	Y	Present/Intact		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),A2-TOC-9060-2REPS(28),HG-T(28),CO-6020T(180)
L2353393-03F	Glass 250ml/8oz unpreserved	A	NA		2.8	Y	Present/Intact		SUB-ASBESTOS()
L2353393-03G	Glass 500ml/16oz unpreserved	A	NA		2.8	Y	Present/Intact		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353393
Report Date: 11/09/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

42353393



CHAIN OF CUSTODY

PAGE 1 OF 1

Westborough, MA
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA
TEL: 508-822-9300
FAX: 508-822-3288

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Client Information

Client: Maine DEP

Address: 17 State House Station

Phone: 207-441-2181

Fax:

Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/13/23

ALPHA Job #: 42353390

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

VOC's EPA 8260D/5035 High Low	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Organic Carbon - EPA 9060A	PCB's - EPA 8082A Low Level	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - PLM (Subcontract)	Total Solids - SM 2540
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SAMPLE HANDLING
Filtration
 Done
 Not Needed
 Lab to do
Preservation
 Lab to do
(Please specify below)

TOTAL # BOTTLES

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53390-01	GD-417	13 Sept 23	1045	SD	LR
53393-02	FLOOR SOLIDS 01	13 Sept 23	1320	SD	FW
-03	SD-416	13 Sept 23	1370	SD	AB

Container Type	V	G	G	G	V	G	G	G	G	G	P	-
Preservative	O	A	A	A	F	A	A	A	A	A	A	-

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Relinquished By:	Date/Time	Received By:	Date/Time
April Redden	9/13/23 1441	LR 13 Sept 23	1441
Cheryl	13 Sept 23 1525	Therese Boyle, etc	9/13/23 1530
Therese Boyle, etc	9/13/23 1530	uakj	9/13/23 1530

mlr ml 9/13/23 2356



Bill Shipping Charge to

Shipper Next Day
Recipient Same Day

113848

10 Iron Road
Hermon, Maine 04401

Phone 207•848•7546 ■ Fax 207•561•2467

390 US Route One, #3
Falmouth, Maine 04105

FROM: Shipper <u>Alpha</u>	TO: Recipient <u>Alpha</u>
Street <u>70 Center St</u>	Street <u>860 Main Drive</u>
Origin <u>Brewer ME</u> Zip Code <u>04412</u>	Destination <u>Waltham MA</u> Zip Code <u>01581</u>
Phone #	Phone #

No. Pieces	Weight Each	Description of Items	Total Weight (Subject to Correction)	Oversize Charge	Shipping Charges
10		Cooler			

10	◀ TOTAL PIECES	WEIGHT GRAND TOTAL ▶	TOTAL CHARGES ▶
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Shipper authorizes Uniship to deliver this shipment without obtaining a delivery signature.
Shipper's Signature [Signature]

Please use complete ship to address.
Uniship can not deliver to P.O. Boxes.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property, under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property overall or any portion of said route to destination and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER SIGNATURE <u>[Signature]</u>	PICK-UP TIME <u>9:00</u>	RECIPIENT SIGNATURE <u>[Signature]</u>	DELIVERY TIME
DATE <u>9/13/23</u>	DATE <u>9/13/23</u>	DATE <u>9/13/23</u>	DATE <u>9/13/23</u>

RECIPIENT COPY



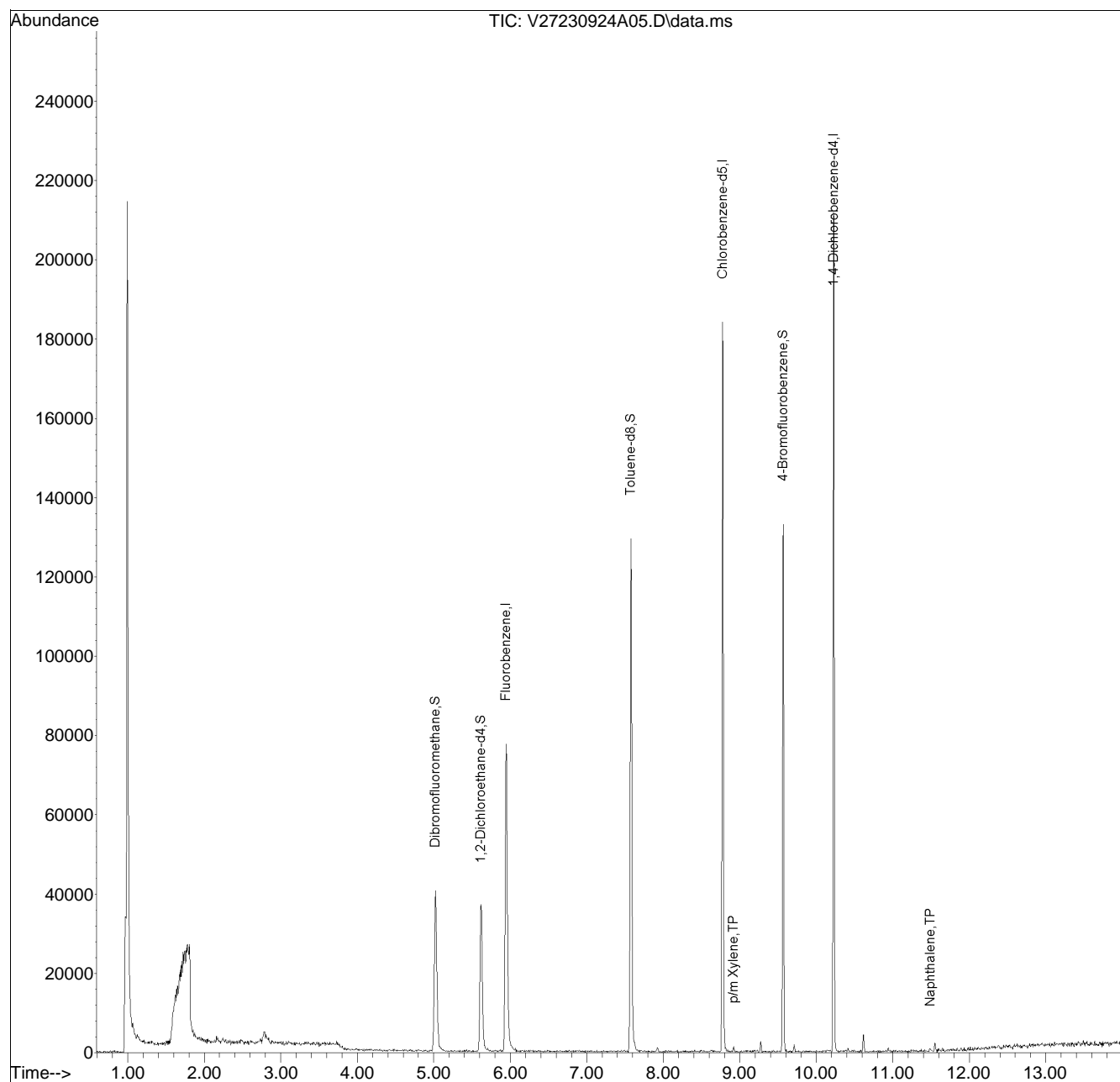


Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA127\2023\230924A\
Data File : V27230924A05.D
Acq On : 24 Sep 2023 02:34 pm
Operator : VOA127:AJK
Sample : WG1832531-5,31h,15,15,0.1
Misc : WG1832531,ICAL20241
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 15:39:36 2023
Quant Method : K:\VOA127\2023\230924A\V127_230807N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 08 14:15:40 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•

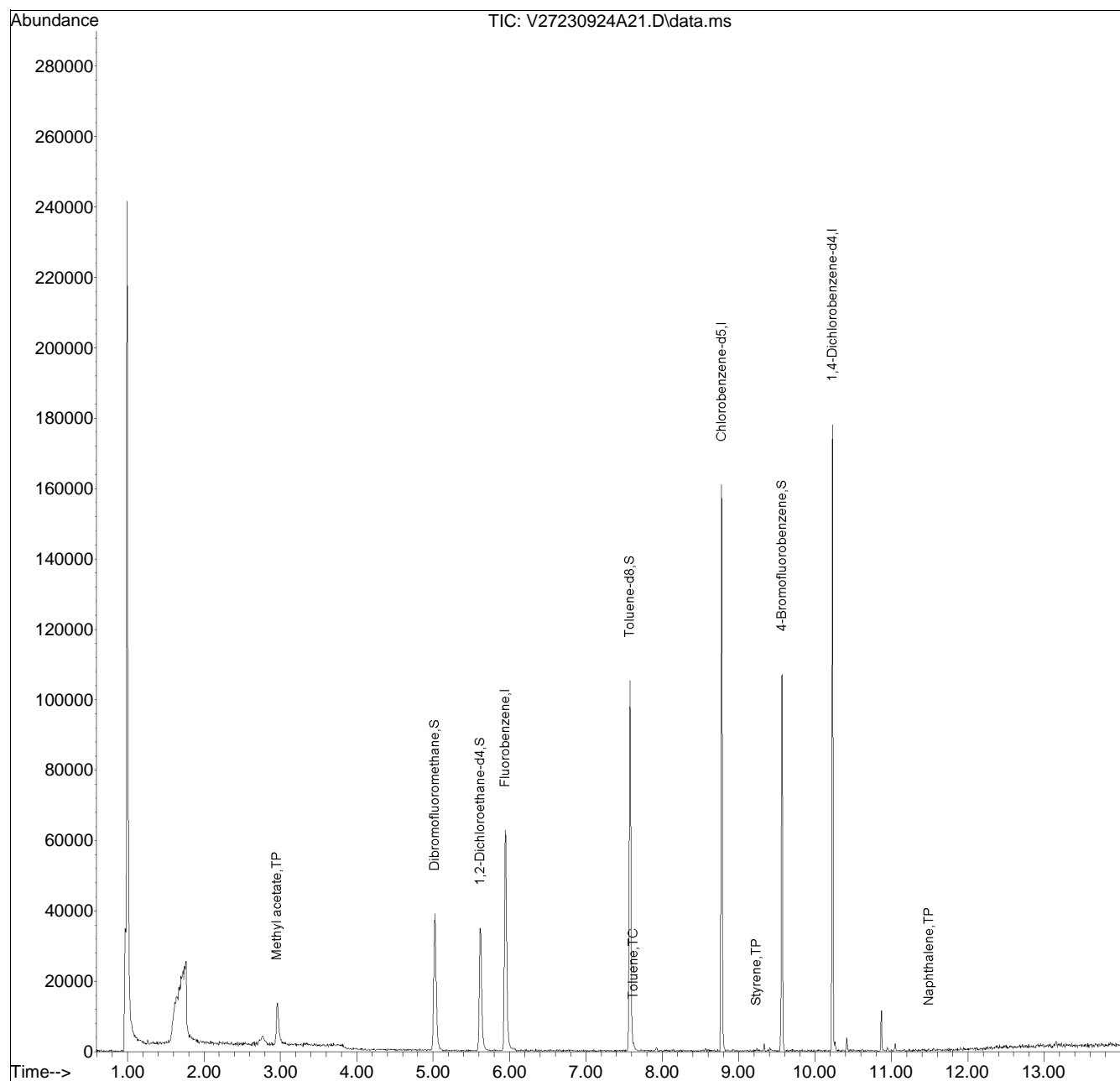


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2023\230924A\
Data File : V27230924A21.D
Acq On : 24 Sep 2023 08:28 pm
Operator : VOA127:AJK
Sample : L2353393-01,31H,21.01,15,0.100,,A
Misc : WG1832531,ICAL20241
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 25 11:34:05 2023
Quant Method : K:\VOA127\2023\230924A\V127_230807N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 08 14:15:40 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•

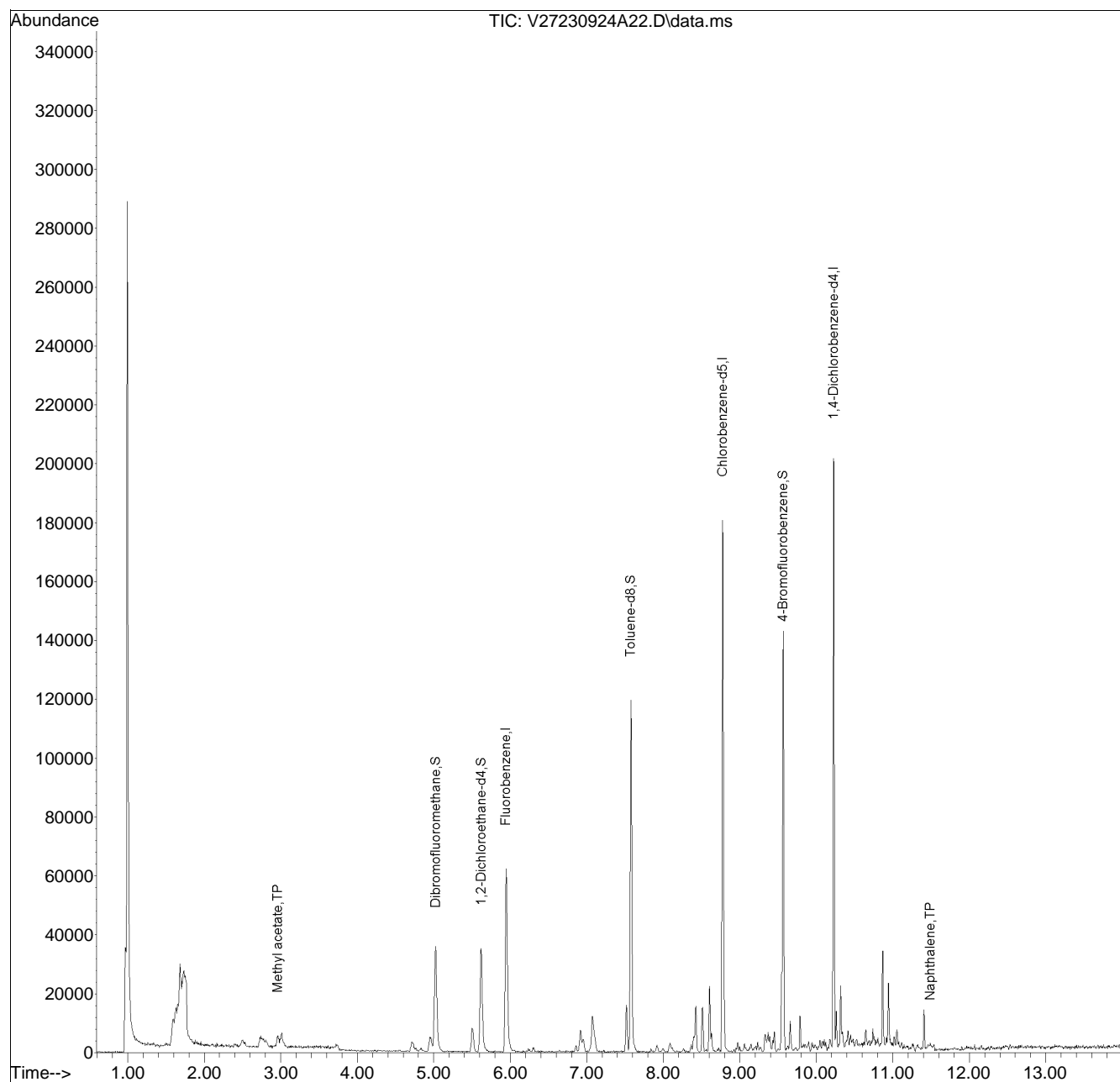


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2023\230924A\
Data File : V27230924A22.D
Acq On : 24 Sep 2023 08:48 pm
Operator : VOA127:AJK
Sample : L2353393-02,31H,18.26,15,0.100,,A
Misc : WG1832531,ICAL20241
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 27 09:06:21 2023
Quant Method : K:\VOA127\2023\230924A\V127_230807N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 08 14:15:40 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•

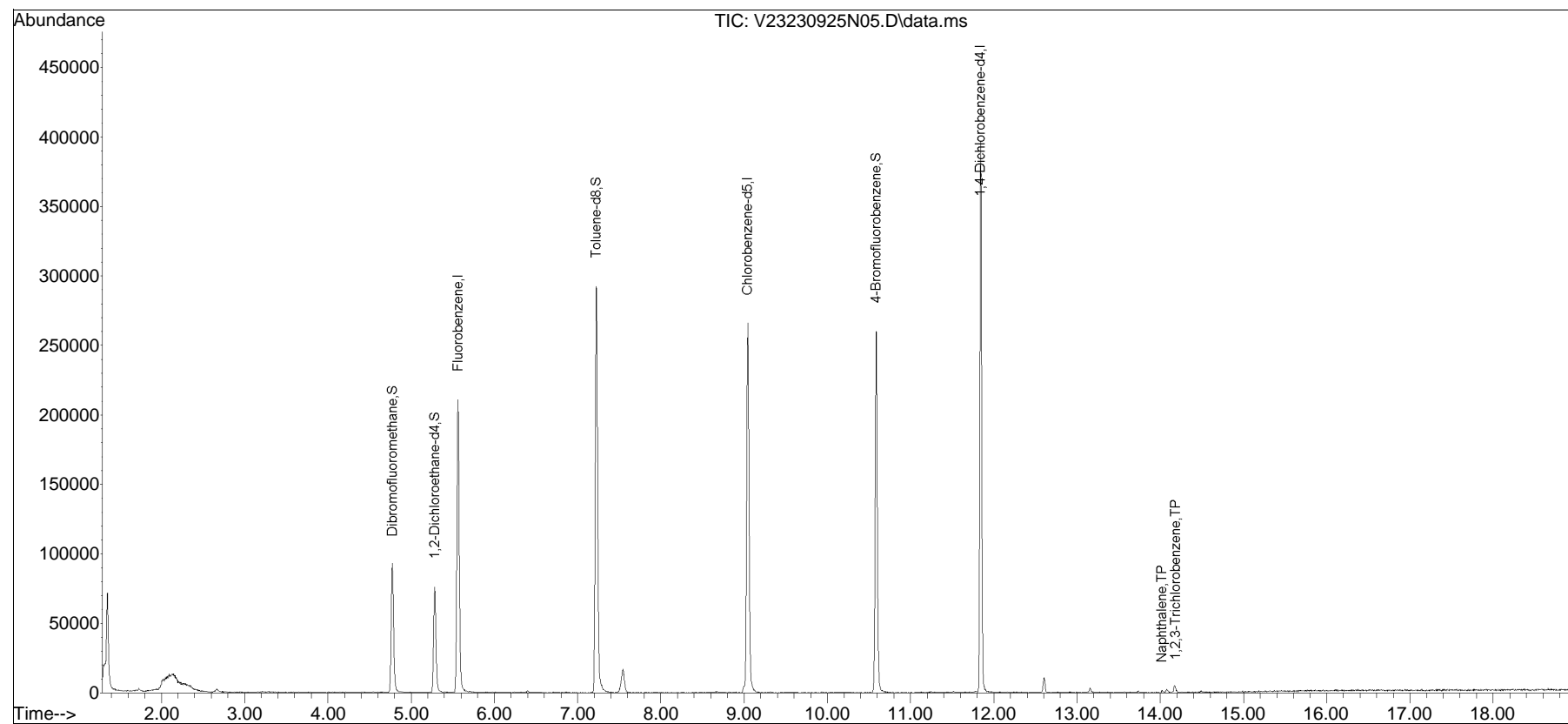


Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2023\230925N\
Data File : V23230925N05.D
Acq On : 25 Sep 2023 09:26 pm
Operator : VOA123:KJD
Sample : WG1832201-5,31H,15,15,0.1
Misc : WG1832201,ICAL20310
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 22:19:21 2023
Quant Method : K:\VOA123\2023\230925N\V123_230825N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 13:28:17 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

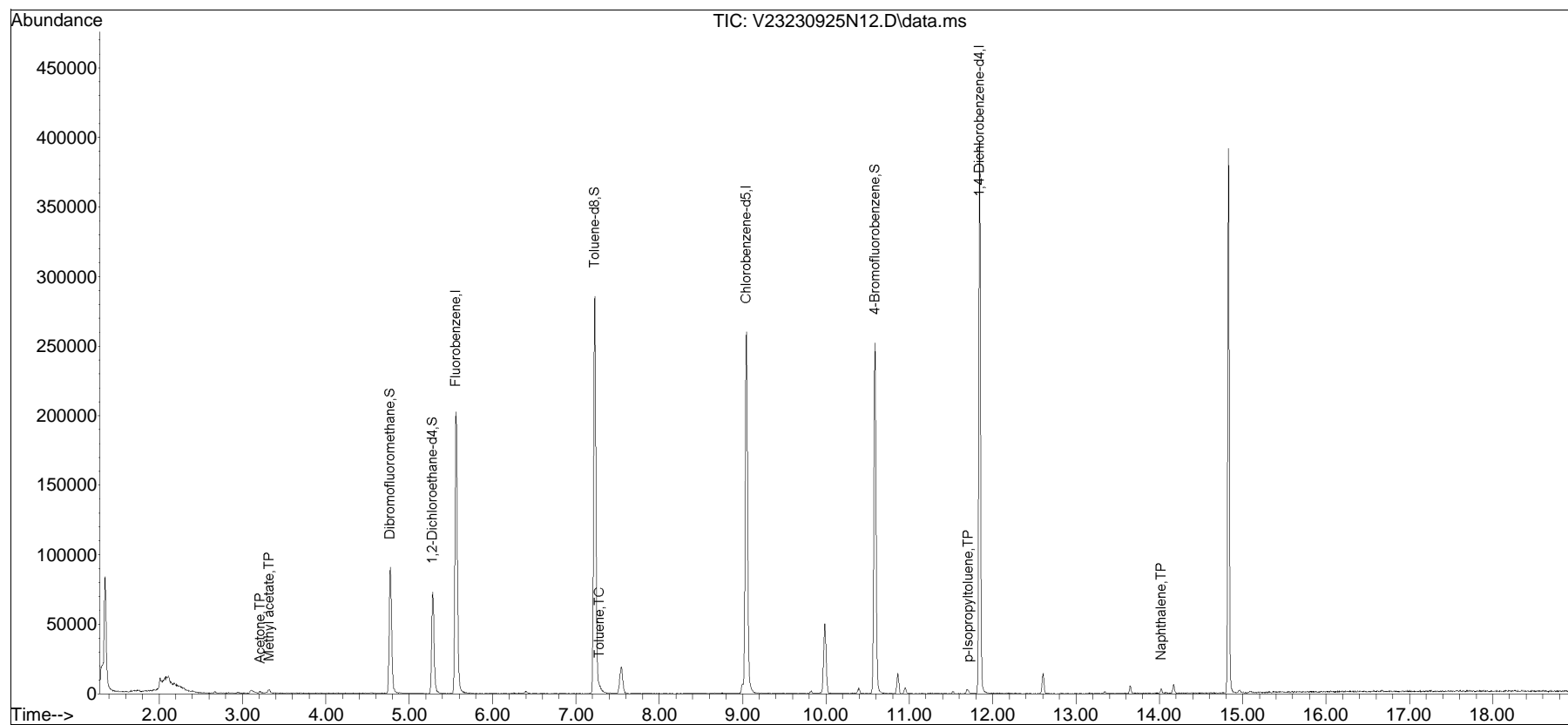


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2023\230925N\
Data File : V23230925N12.D
Acq On : 26 Sep 2023 01:05 am
Operator : VOA123:LAC
Sample : L2353393-03,31H,24.39,15,0.100,,A
Misc : WG1832201,ICAL20310
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 15:14:13 2023
Quant Method : K:\VOA123\2023\230925N\V123_230825N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 13:28:17 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

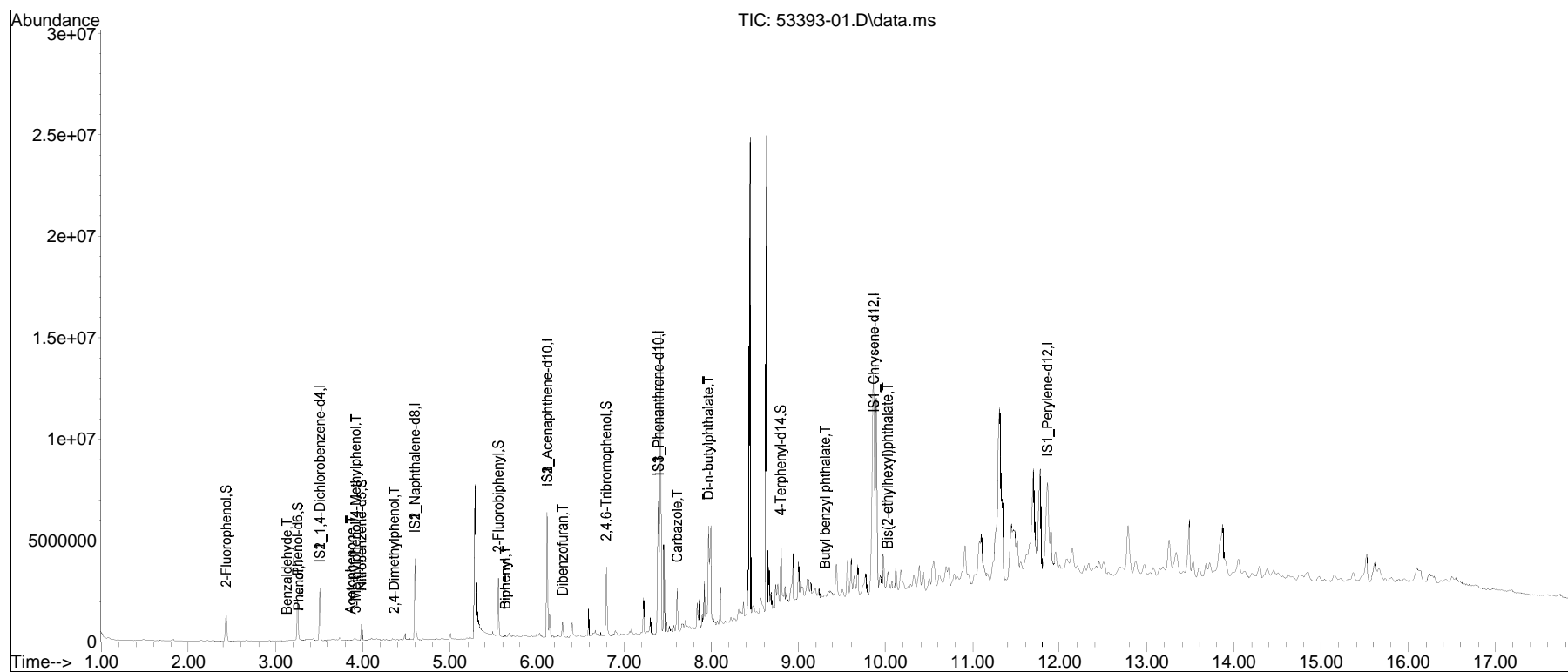


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
 Data File : 53393-01.D
 Acq On : 20 Sep 2023 11:18 am
 Operator : Buffy:im
 Sample : L2353393-01,32,,ASK
 Misc : WG1829452,WG1828957,ical20235
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 26 09:30:27 2023
 Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 11:35:56 2023
 Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

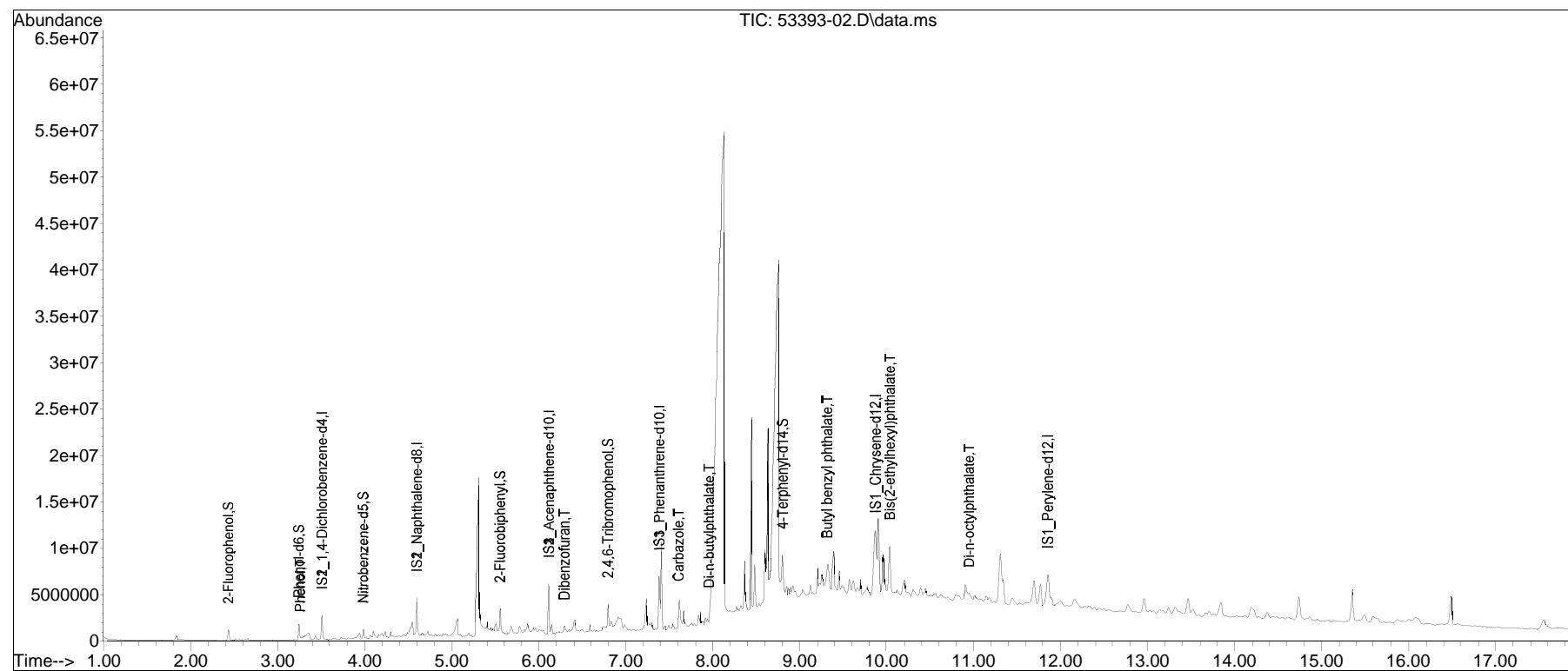


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
 Data File : 53393-02.D
 Acq On : 20 Sep 2023 8:30 am
 Operator : Buffy:im
 Sample : L2353393-02,32,,ASK
 Misc : WG1829452,WG1828957,ical20235
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 26 09:33:26 2023
 Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:47:46 2023
 Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

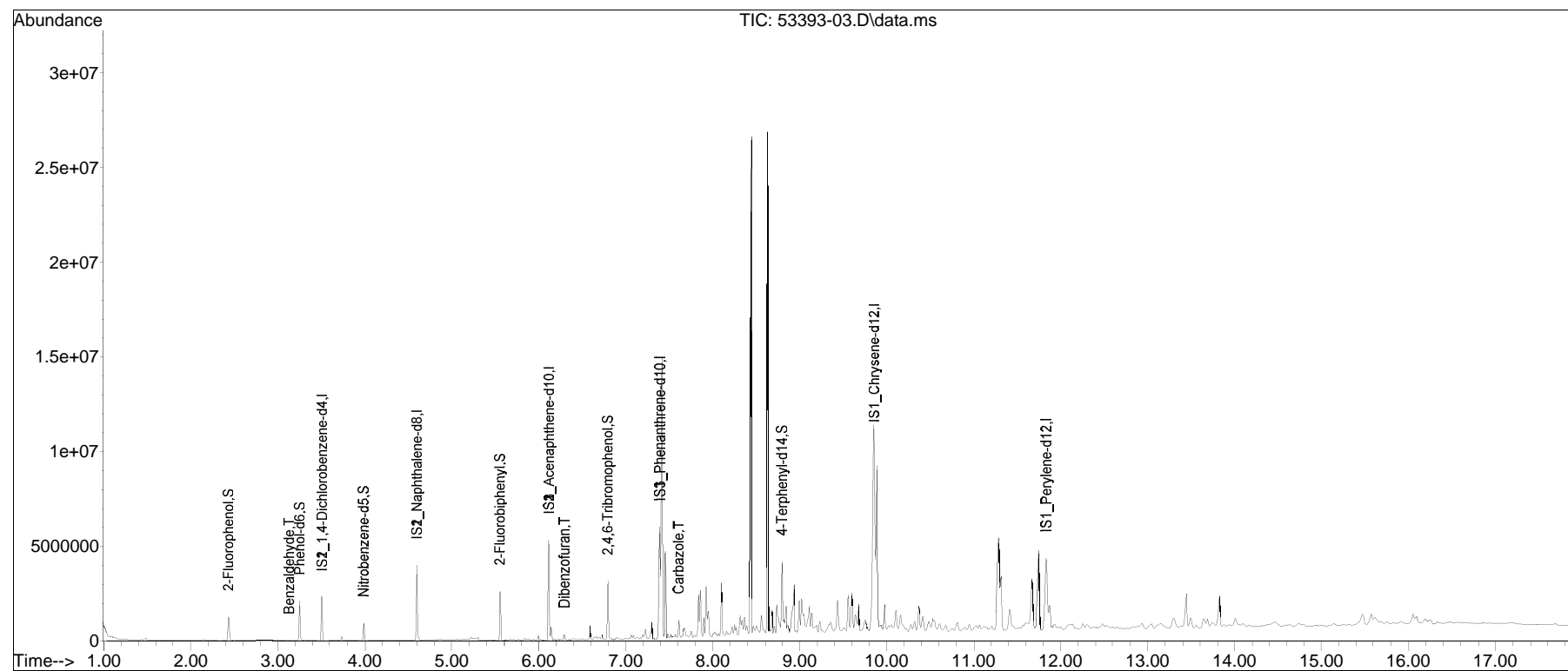


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 53393-03.D
Acq On : 20 Sep 2023 10:30 am
Operator : Buffy:im
Sample : L2353393-03,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 26 09:49:33 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 10:48:03 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

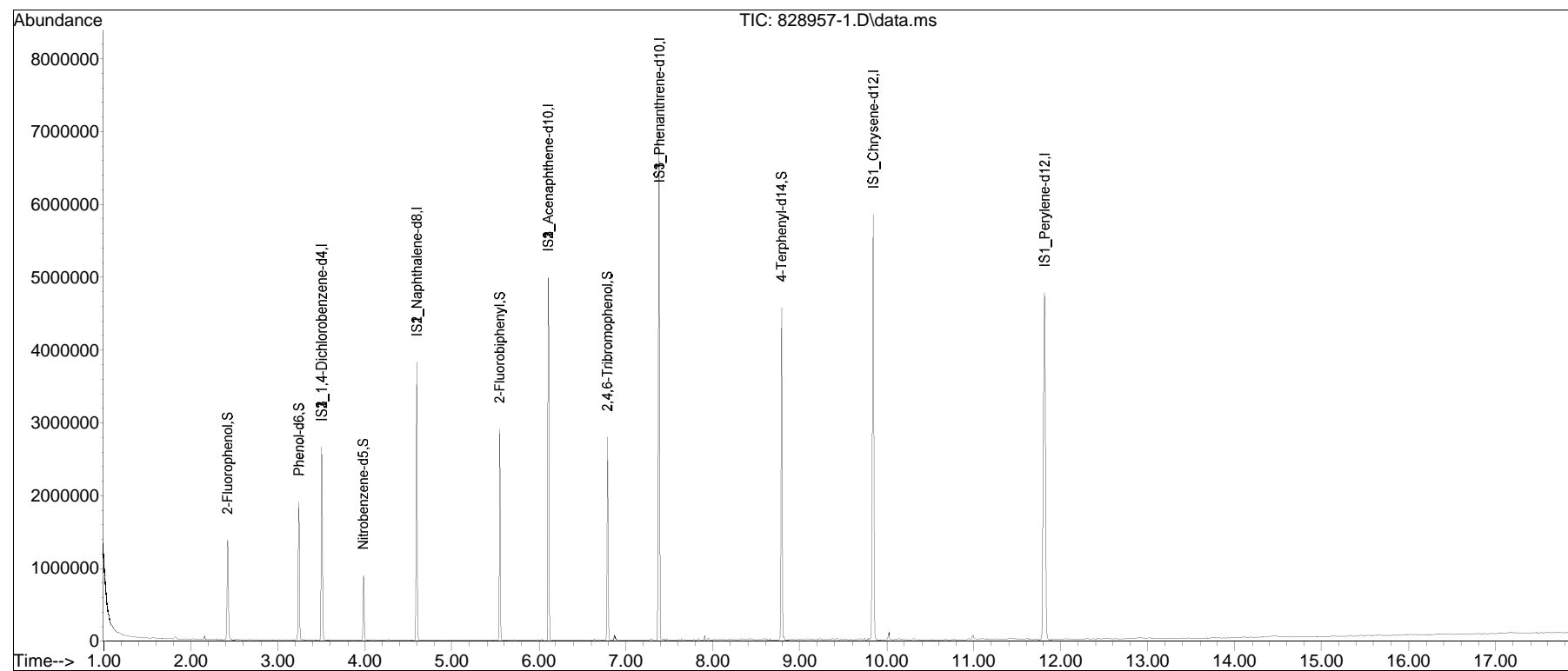


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 828957-1.D
Acq On : 20 Sep 2023 2:54 am
Operator : Buffy:im
Sample : WG1828957-1,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 09:42:03 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 03:12:10 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn\AP90919n.D•

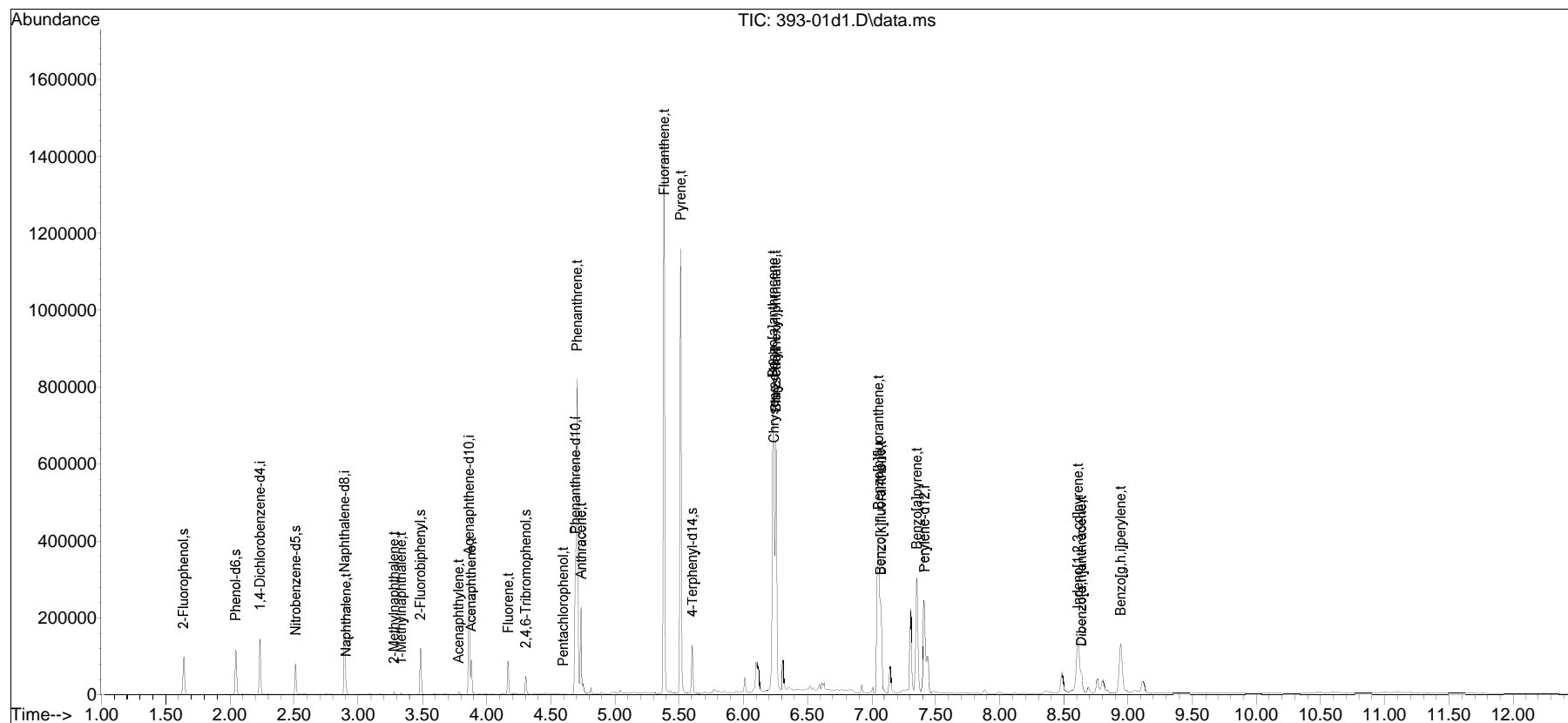


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 393-01d1.D
 Acq On : 26 Sep 2023 12:38 pm
 Operator : SV120:rp
 Sample : L2353393-01d,32,10,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 26 13:25:34 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

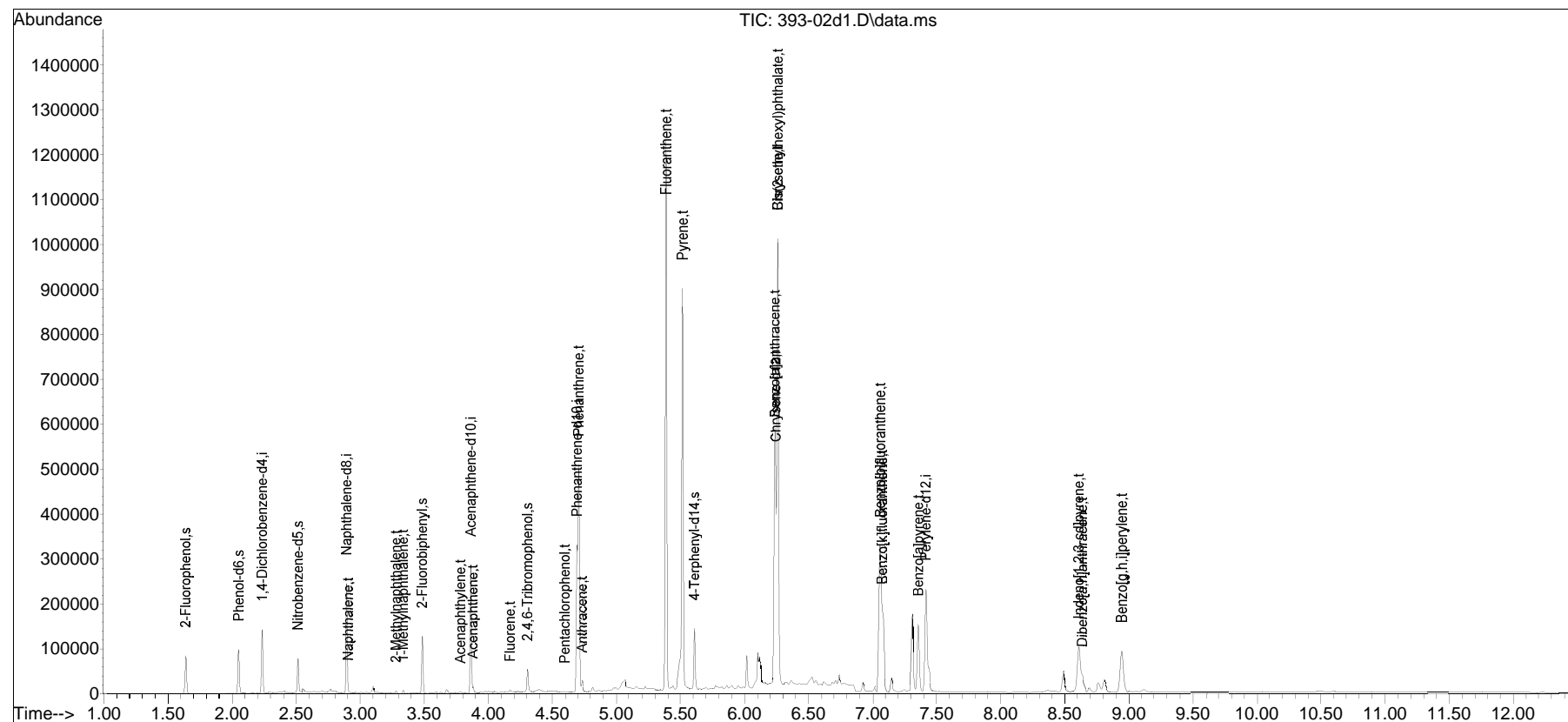


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 393-02d1.D
 Acq On : 26 Sep 2023 12:54 pm
 Operator : SV120:rp
 Sample : L2353393-02d,32,10,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 26 13:40:29 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

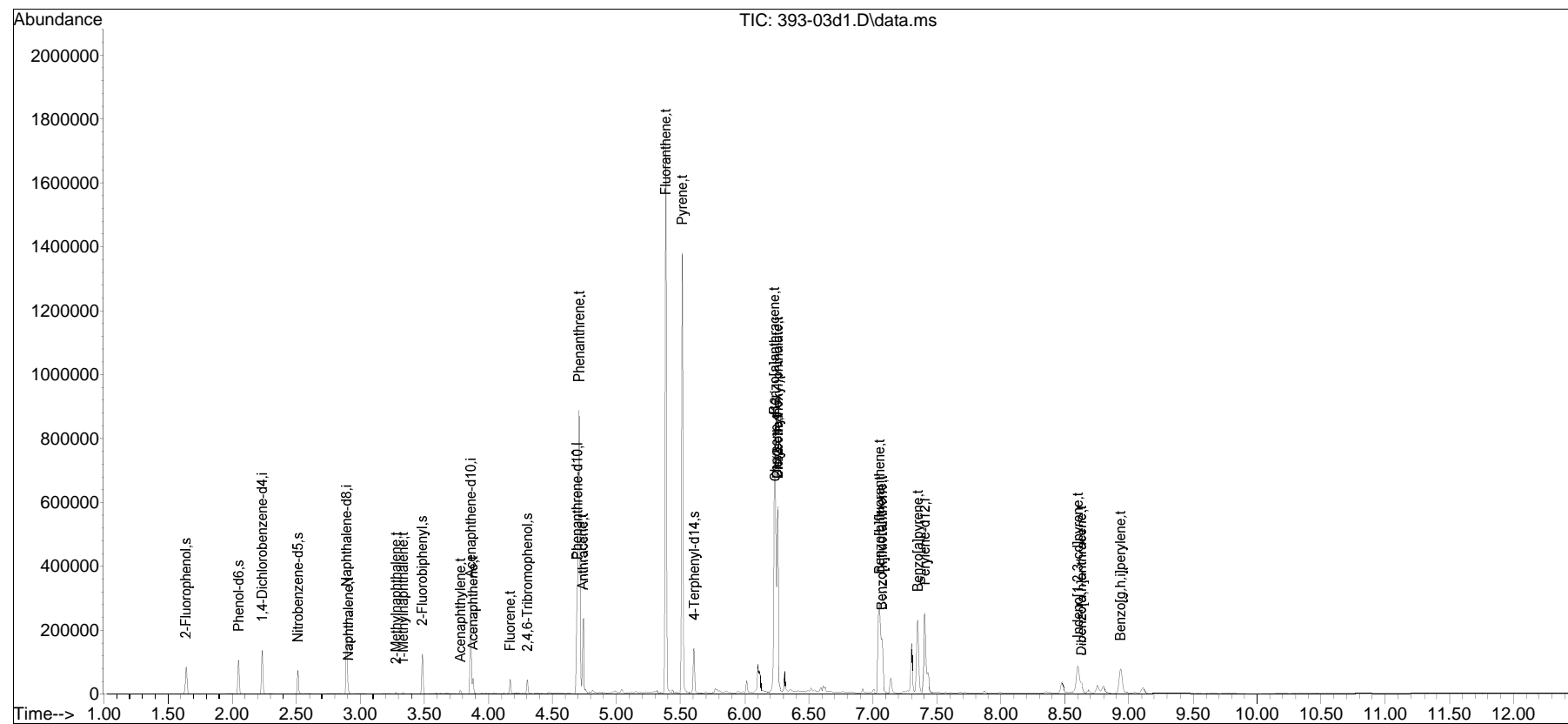


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 393-03d1.D
 Acq On : 26 Sep 2023 01:11 pm
 Operator : SV120:rp
 Sample : L2353393-03d,32,10,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 26 13:50:24 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

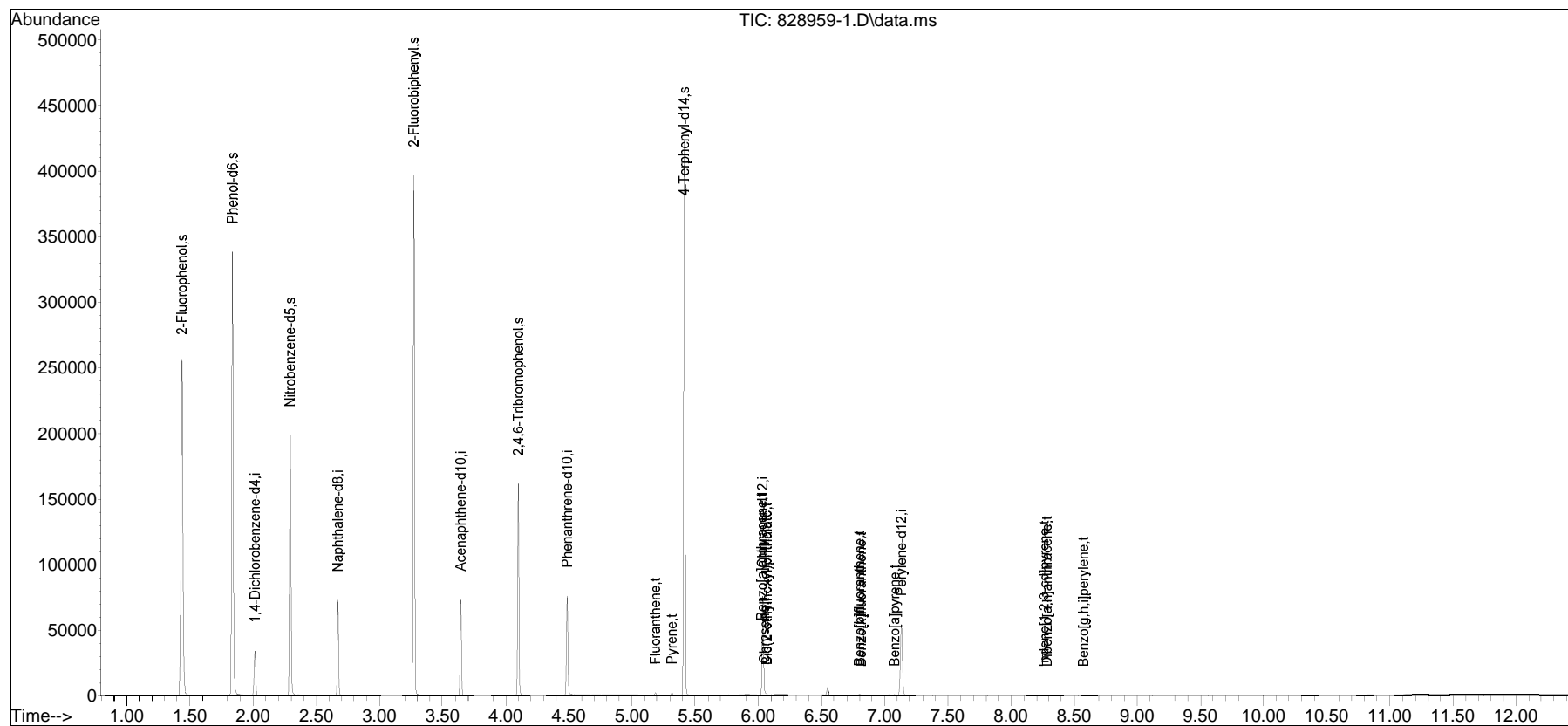


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
Data File : 828959-1.D
Acq On : 20 Sep 2023 01:03 pm
Operator : SV115:dv
Sample : WG1828959-1,32,,ah
Misc : WG1829641,WG1828959,ical19706
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 13:29:09 2023
Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 08:30:35 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

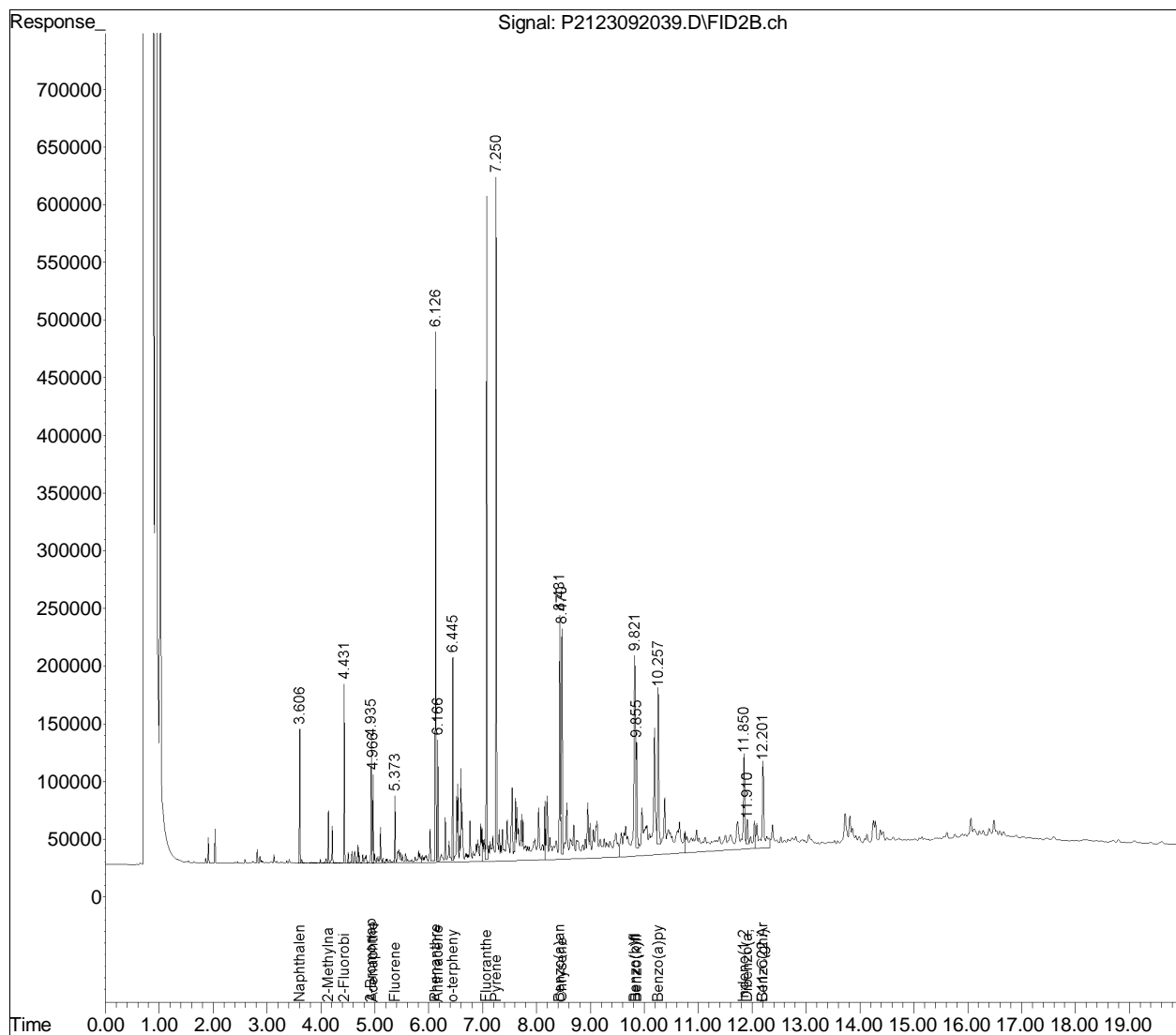


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092039.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 5:48 pm
 Operator : Petro21b:lmr
 Sample : L2353393-01,42,,
 Misc : wg1829563,wg1828966,ical18504
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 10:06:08 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

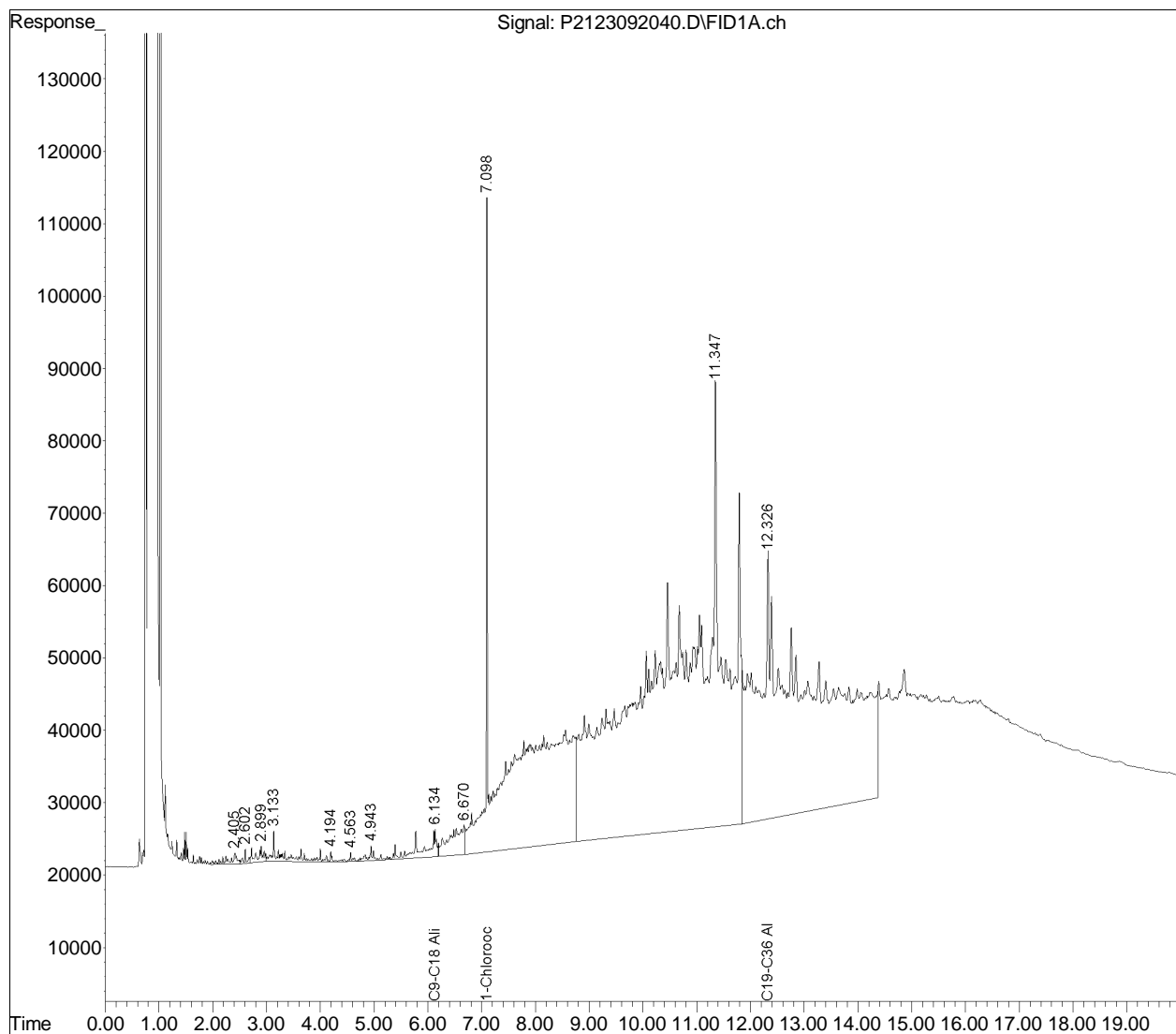


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092040.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 5:48 pm
Operator : Petro21a:lmr
Sample : L2353393-01,42,,
Misc : wg1829563,wg1828966,ical18505
ALS Vial : 20 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 27 10:11:03 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

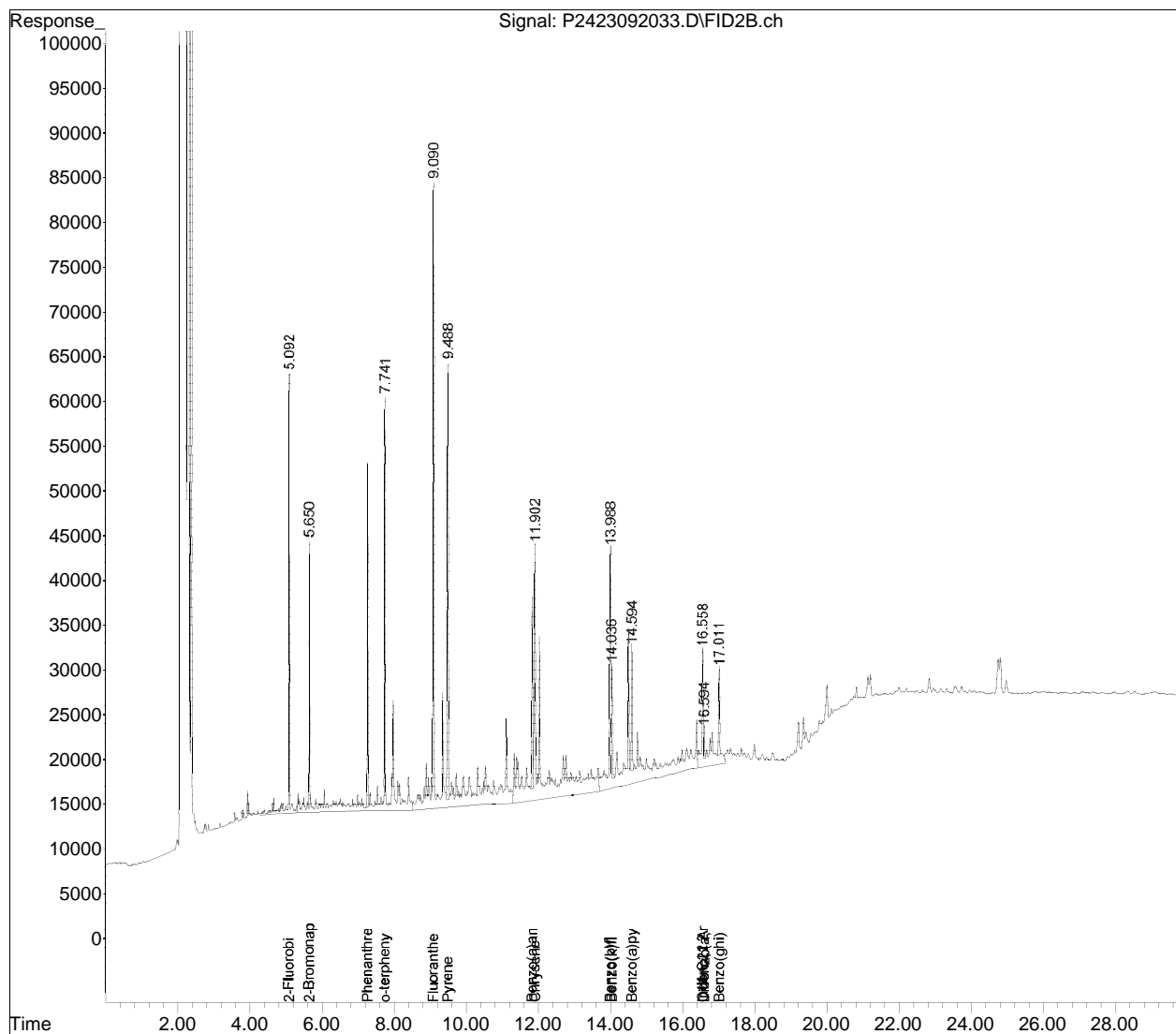


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920.SEC\
 Data File : P2423092033.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 05:11 pm
 Operator : Petro24b:mtc
 Sample : L2353393-02,42,,
 Misc : wg1829566,wg1828966,ical20111
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:54:29 2023
 Quant Method : I:\PETRO\Petro24\2023\230920.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 07:51:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

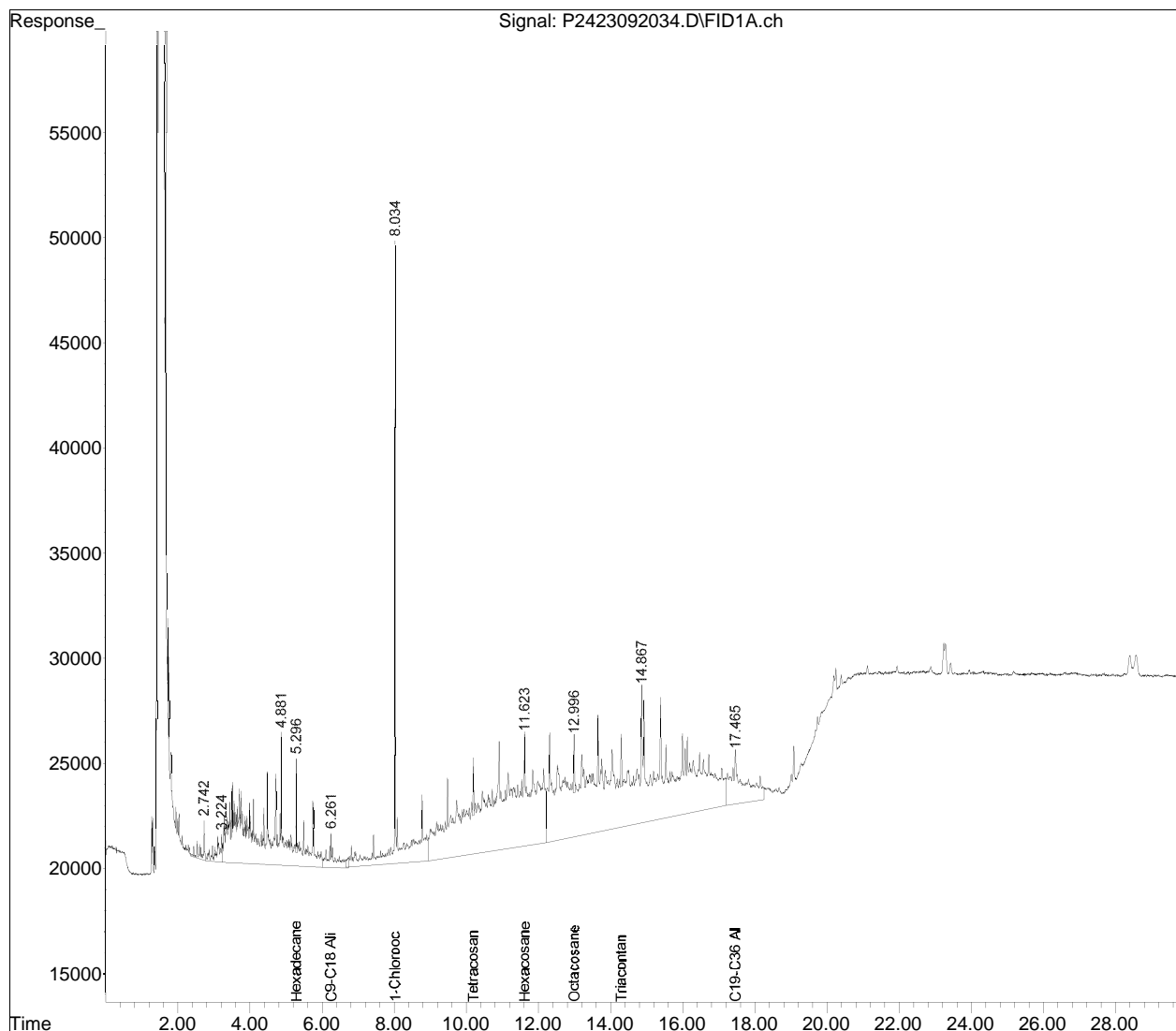


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920\
Data File : P2423092034.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 05:11 pm
Operator : Petro24a:mtc
Sample : L2353393-02,42,,
Misc : wg1829566,wg1828966,ical20112
ALS Vial : 17 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 15:30:40 2023
Quant Method : I:\PETRO\Petro24\2023\230920\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

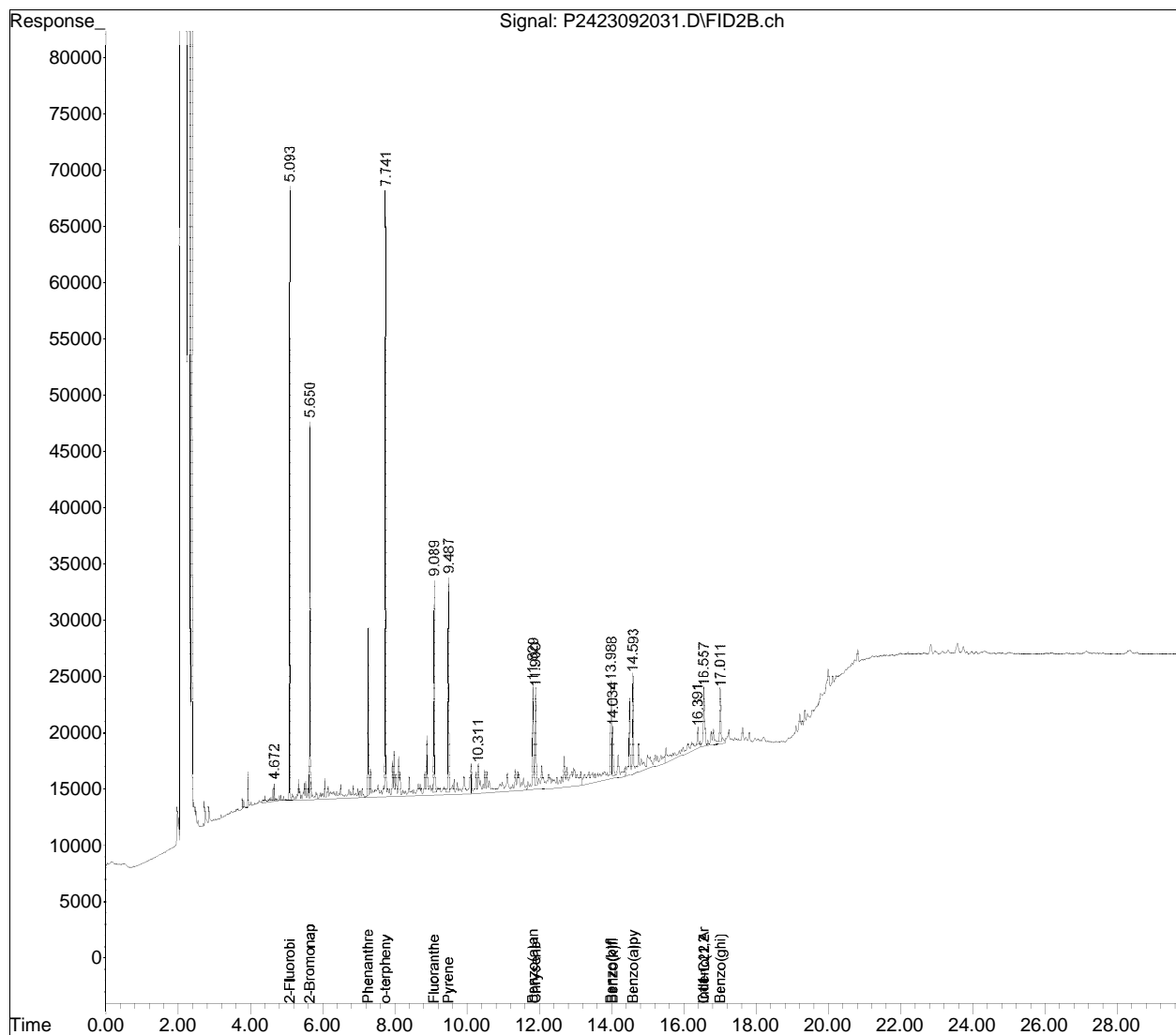


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920.SEC\
 Data File : P2423092031.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 04:36 pm
 Operator : Petro24b:mtc
 Sample : L2353393-03,42,,
 Misc : wg1829566,wg1828966,ical20111
 ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:50:41 2023
 Quant Method : I:\PETRO\Petro24\2023\230920.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 07:51:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

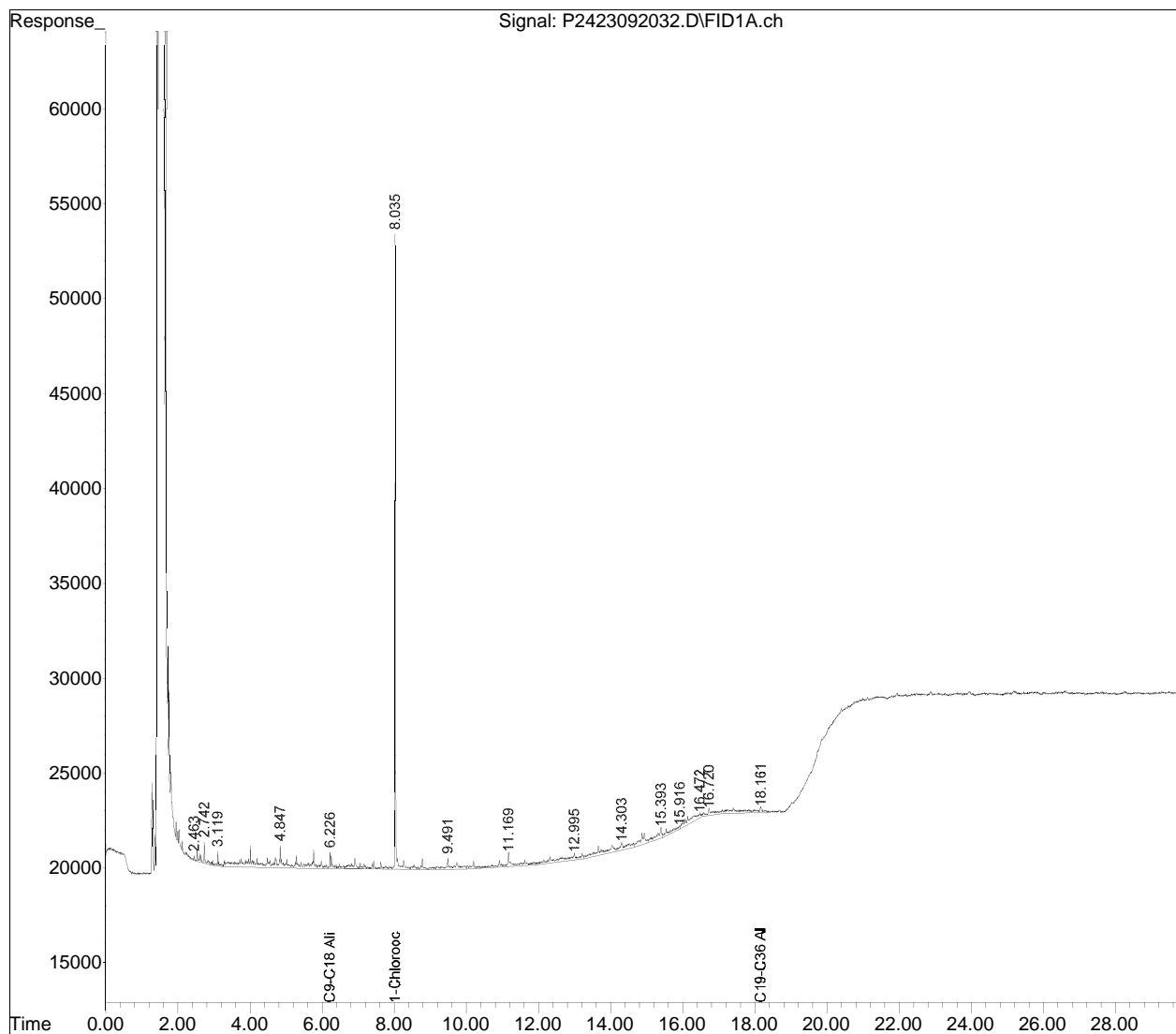


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920\
Data File : P2423092032.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 04:36 pm
Operator : Petro24a:mtc
Sample : L2353393-03,42,,
Misc : wg1829566,wg1828966,ical20112
ALS Vial : 16 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 13:39:03 2023
Quant Method : I:\PETRO\Petro24\2023\230920\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

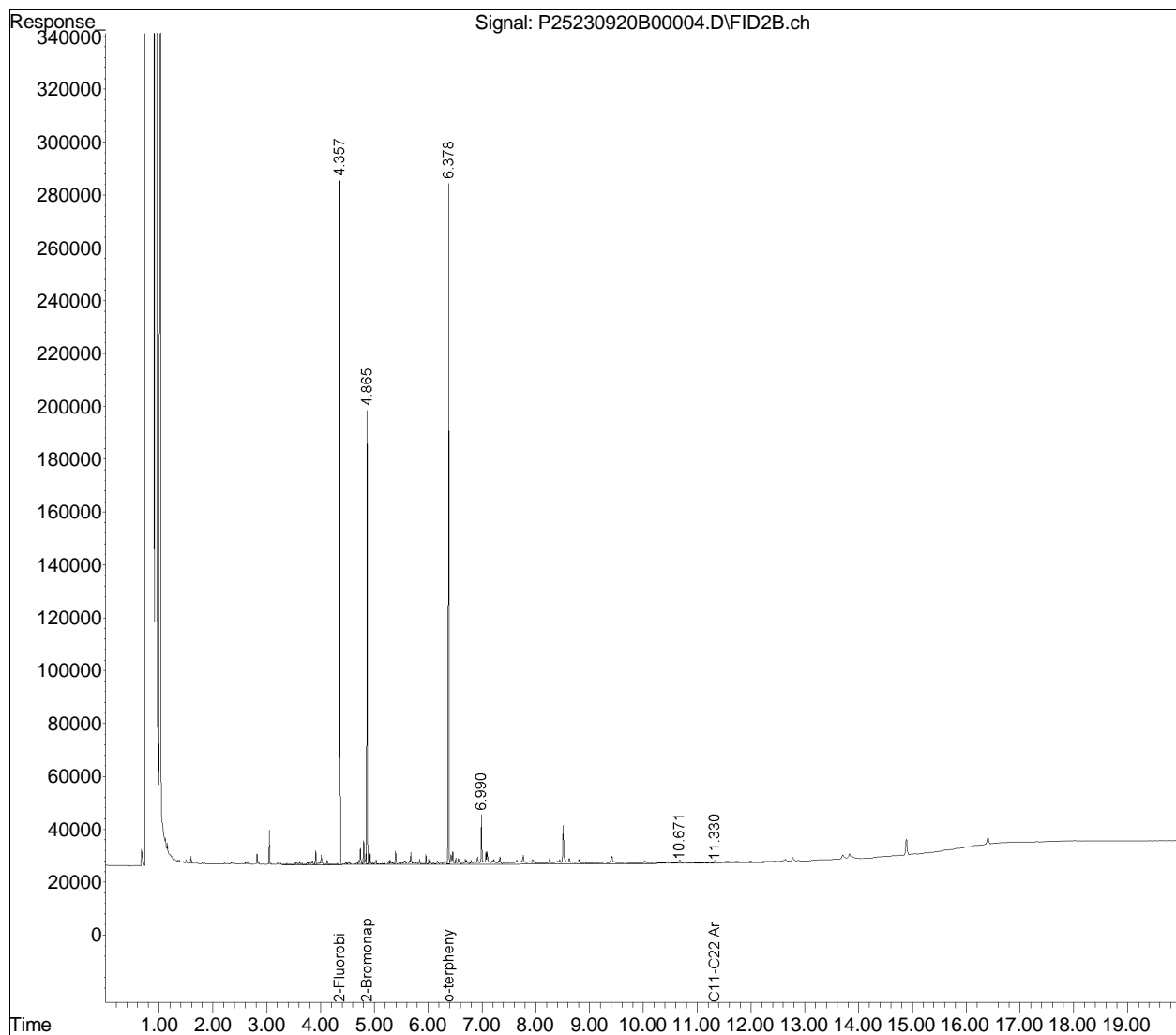


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920.sec\
Data File : P25230920B00004.D
Signal(s) : FID2B.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25b:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 09:23:34 2023
Quant Method : I:\PETRO\Petro25\2023\230920.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

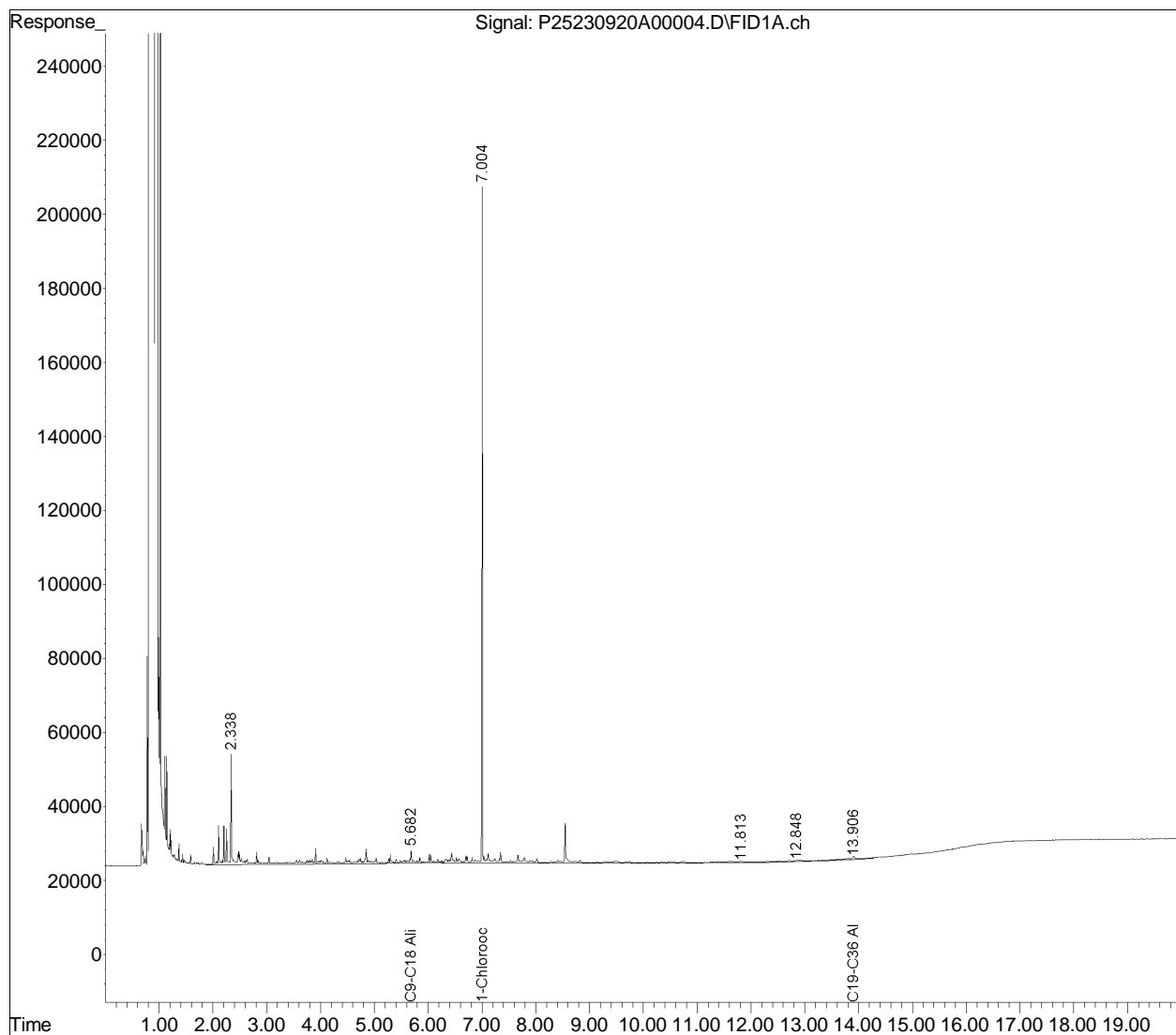


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920\
Data File : P25230920A00004.D
Signal(s) : FID1A.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25a:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 08:43:01 2023
Quant Method : I:\PETRO\Petro25\2023\230920\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 09:31:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

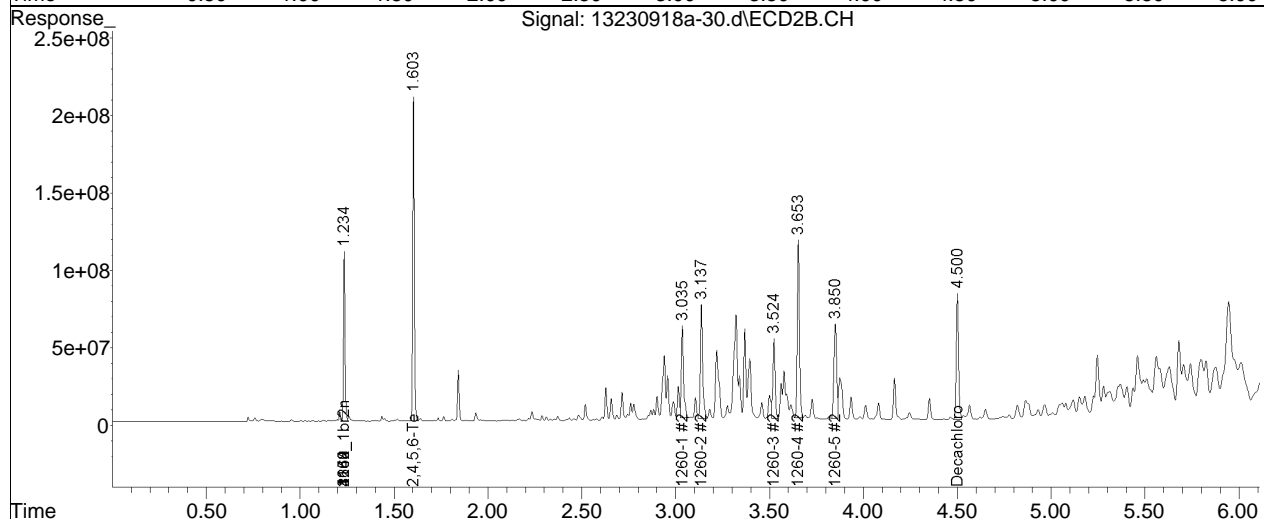
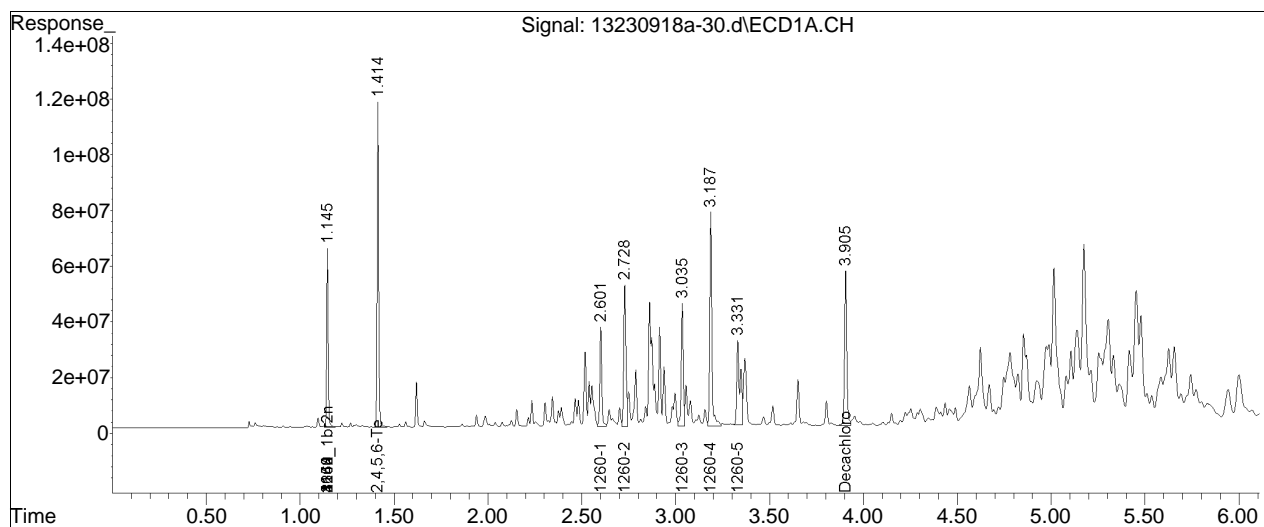


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-30.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 1:05 pm
 Operator : pest13:er
 Sample : L2353393-01,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 30 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:27:20 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

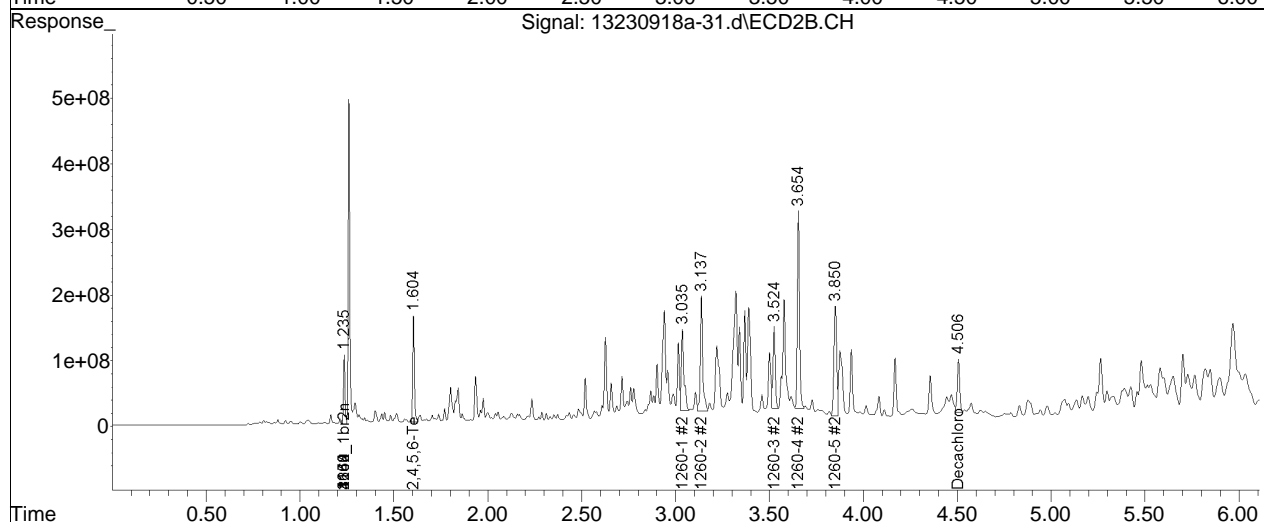
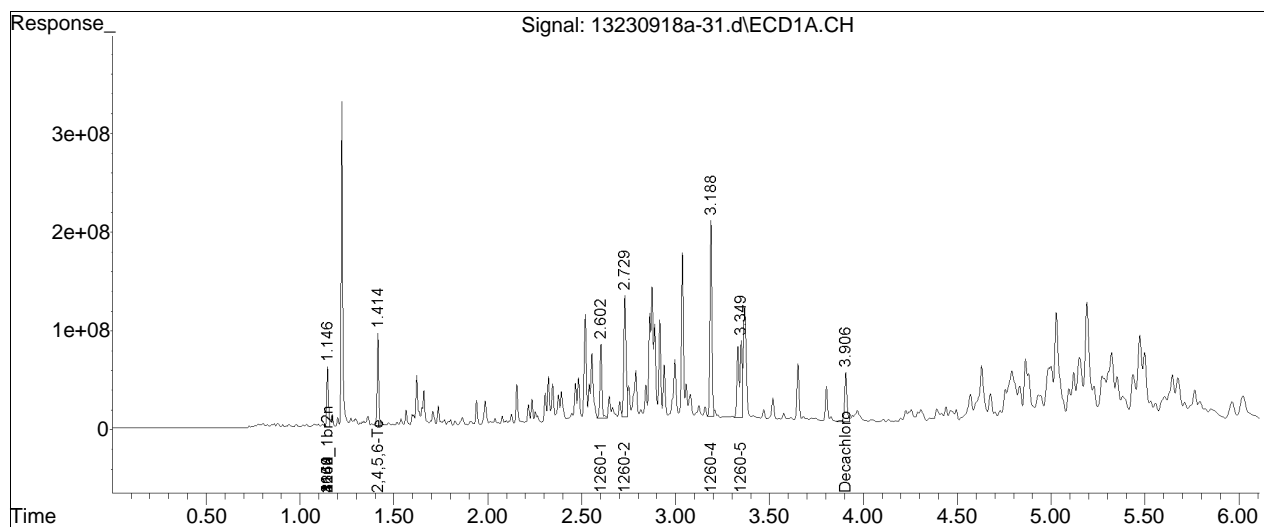


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-31.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 1:15 pm
 Operator : pest13:er
 Sample : L2353393-02,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 31 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:30:53 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

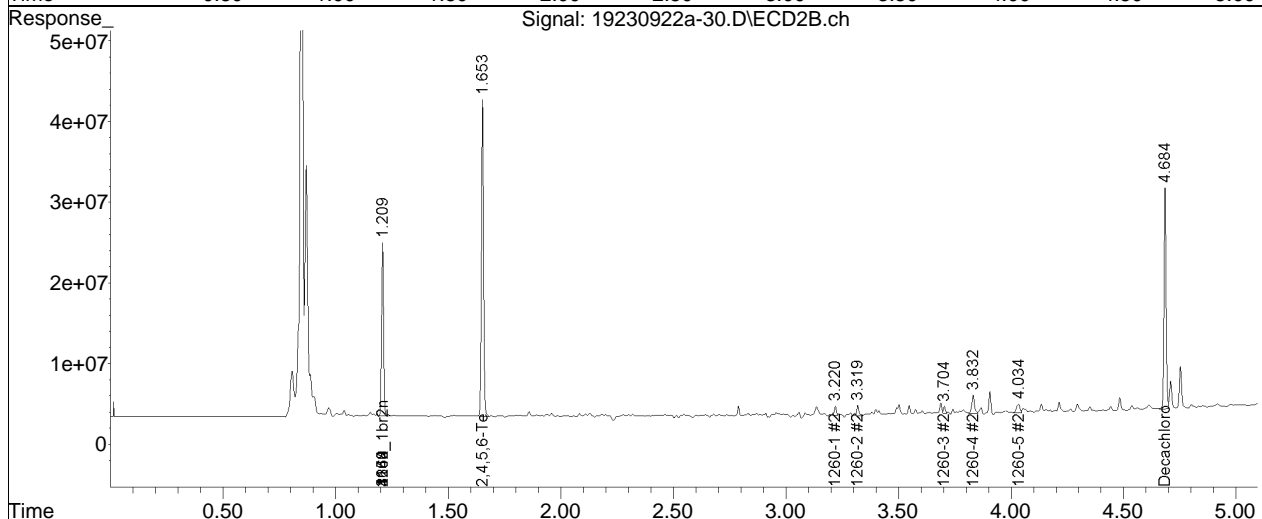
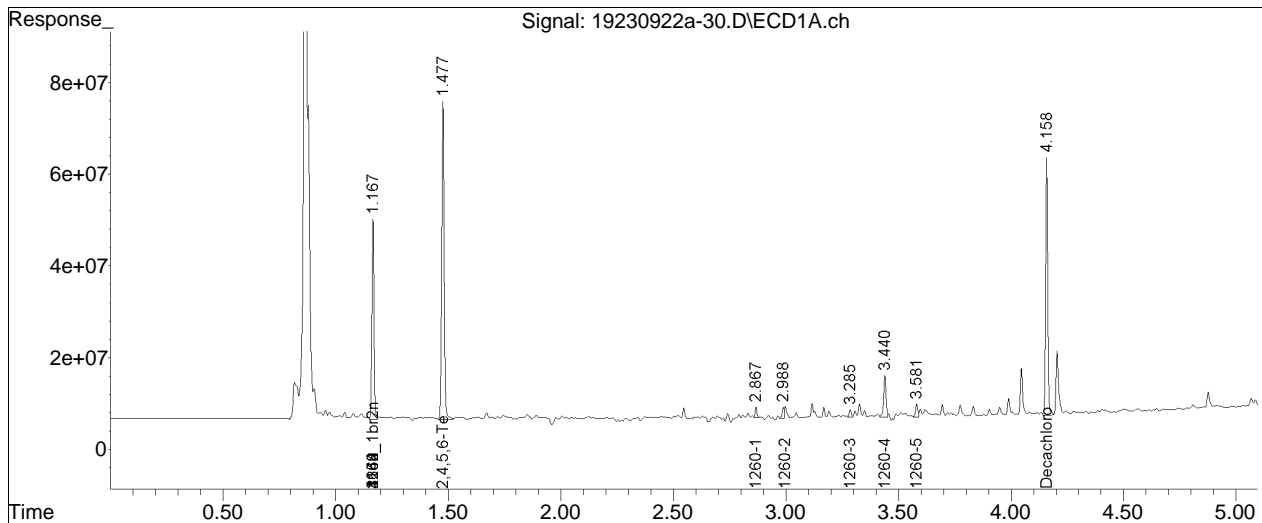


Sub List : Default - All compounds listed\19230922a-23.D••

Data Path : I:\PCB\Pest19\2023\230922a\
 Data File : 19230922a-30.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 05:00 pm
 Operator : pest19:rmp
 Sample : L2353393-03,42,, rrc0
 Misc : wg1830613,WG1827993,ical20293
 ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 26 15:18:33 2023
 Quant Method : I:\PCB\Pest19\2023\230922a\P19_pcb_08_14_23_ugL_ICAL20293.m
 Quant Title : pcb
 QLast Update : Thu Aug 24 08:37:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\

Data File : 13230918a-27.d

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 18 Sep 2023 12:35 pm

Operator : pest13:er

Sample : WG1827993-1,42,,

Misc : wg1828591,WG1827993,ical20295 (Sig #1); wg1828591,WG1827628,ical20

ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e

Integration File signal 2: events2.e

Quant Time: Sep 22 09:26:30 2023

Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m

Quant Title : pcb

QLast Update : Wed Sep 13 12:33:26 2023

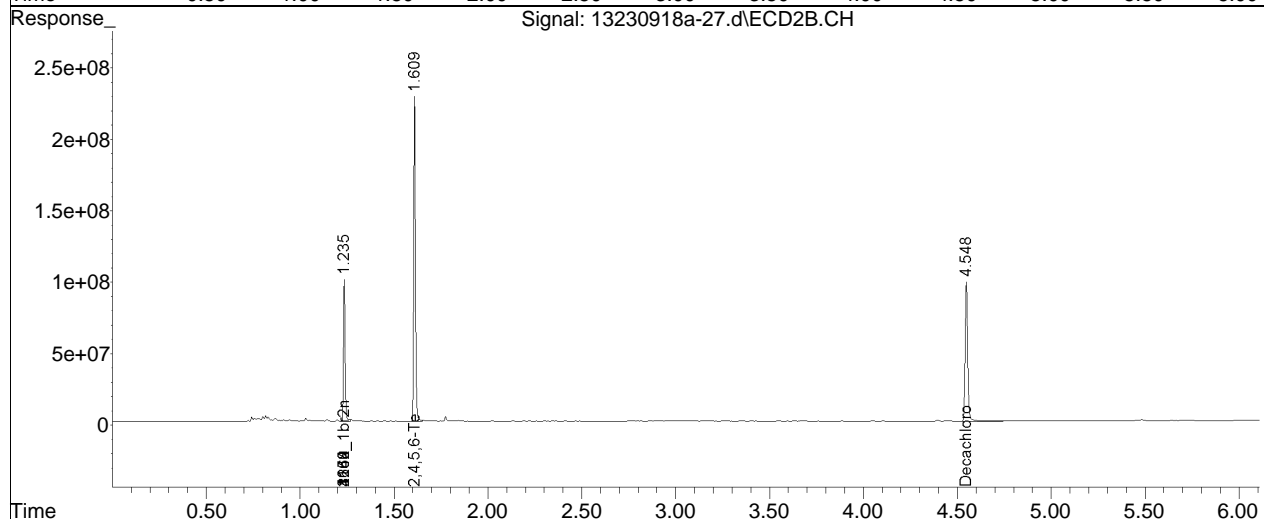
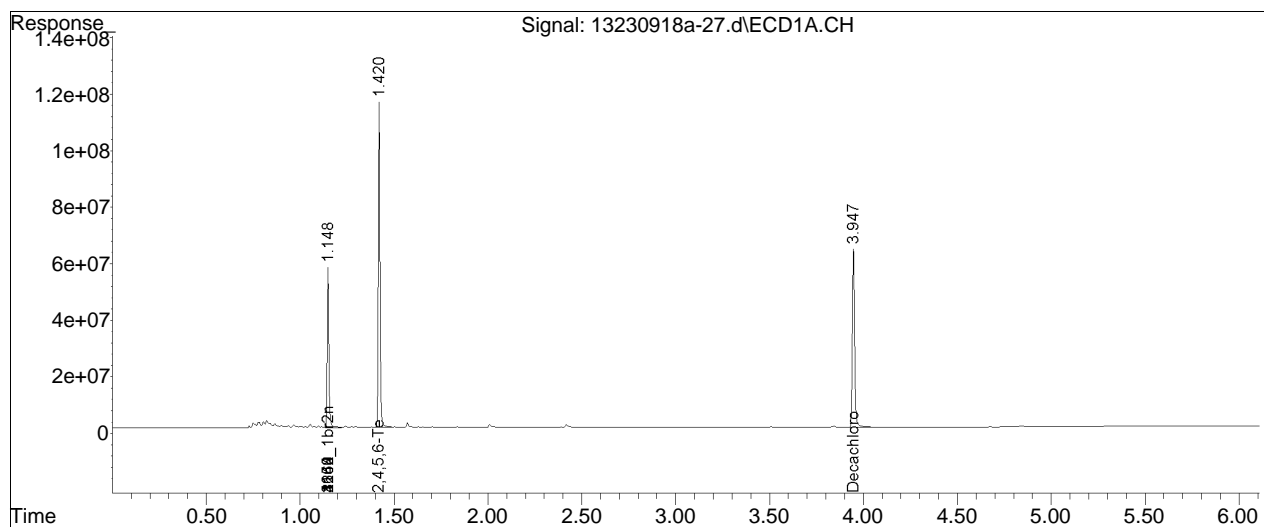
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :



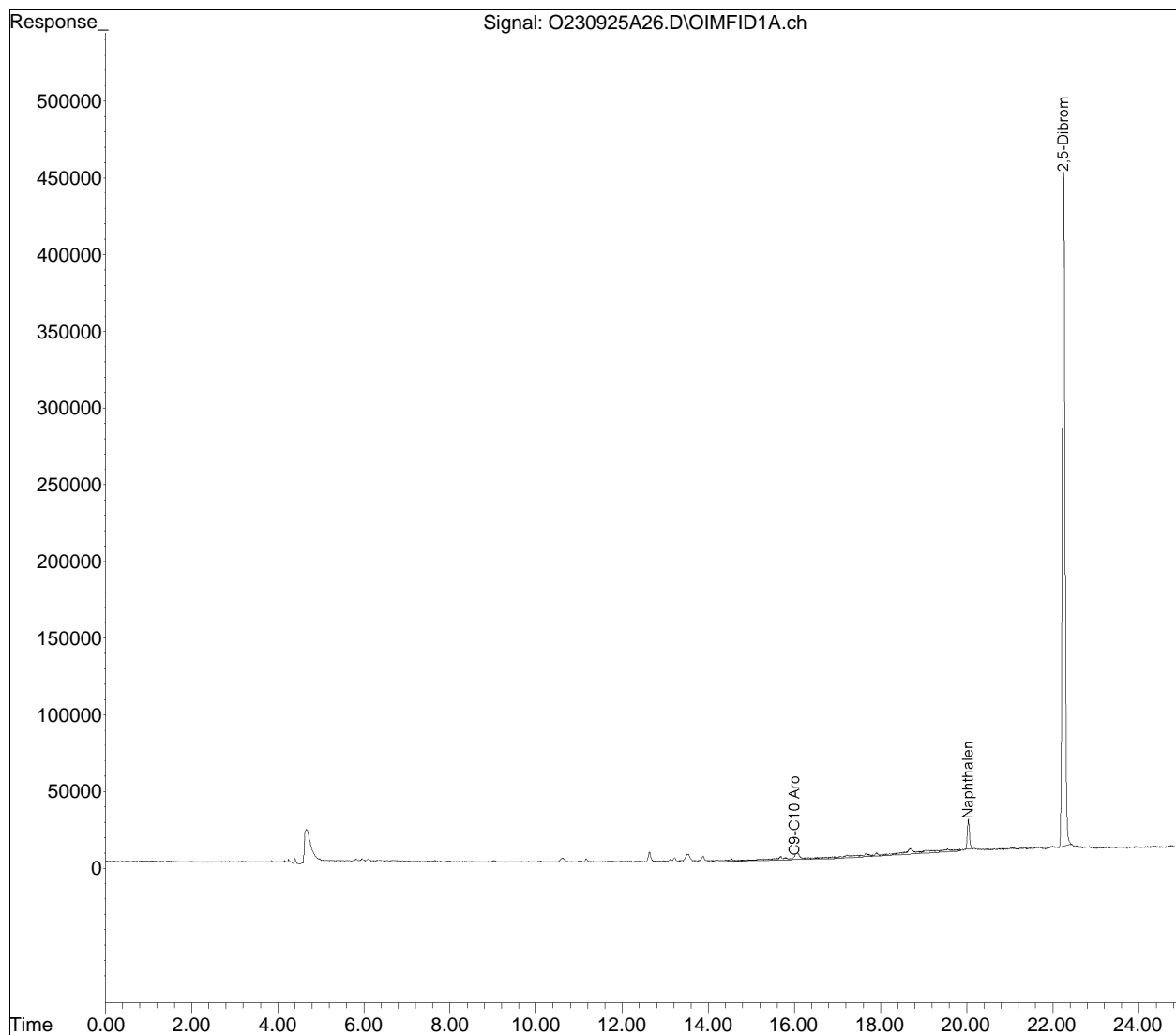
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aaro\
Data File : O230925A26.D
Signal(s) : OIMFID1A.ch
Acq On : 25 Sep 2023 9:08 pm
Operator : OVPH:BAD
Sample : WG1832635-4,41,15,15,0.100,,
Misc : WG1832635,ICAL20207,VPH-75
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:29:45 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



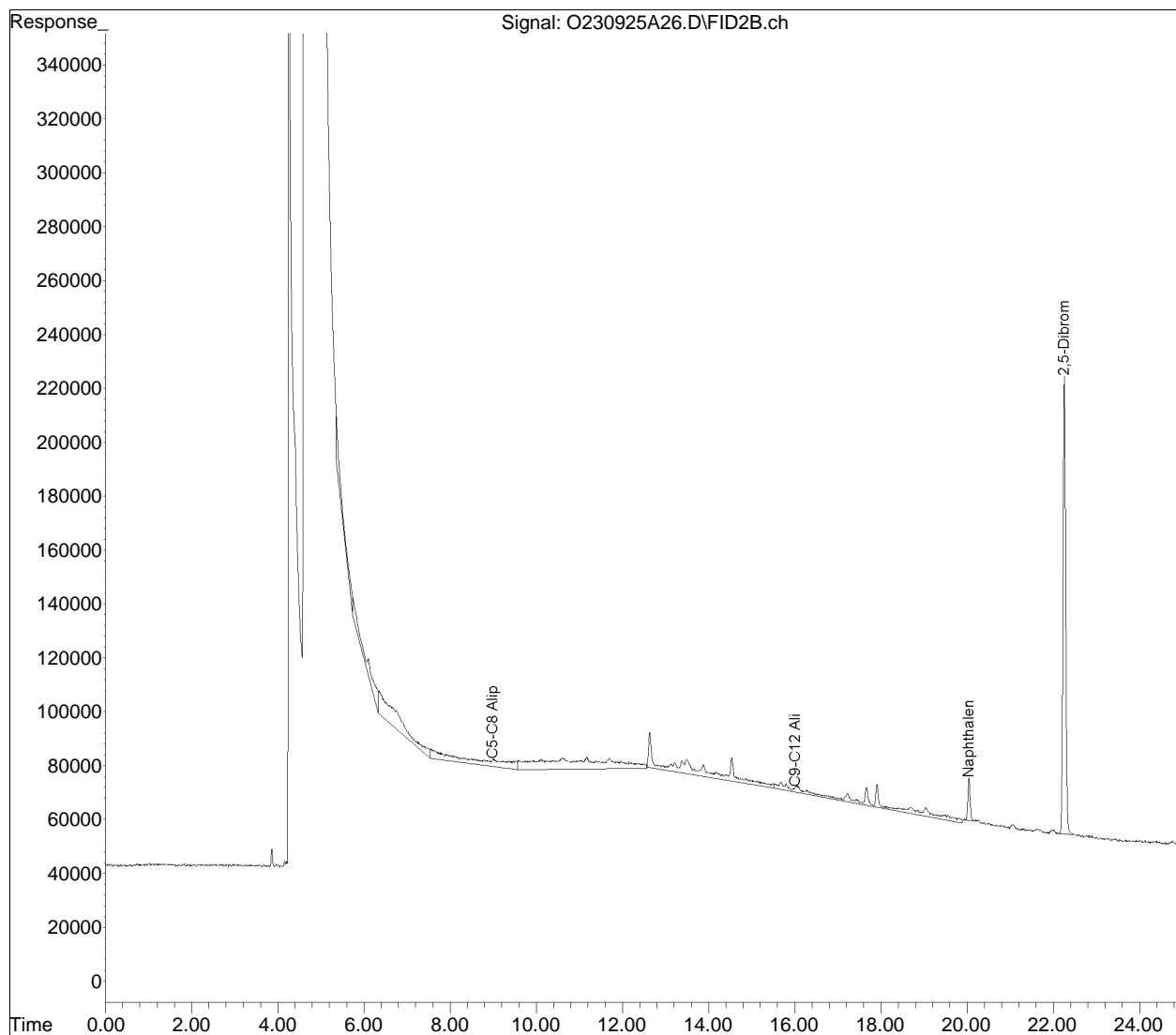
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aali\
Data File : O230925A26.D
Signal(s) : FID2B.ch
Acq On : 25 Sep 2023 9:08 pm
Operator : OVPH:BAD
Sample : WG1832635-4,41,15,15,0.100,,
Misc : WG1832635,ICAL20206,VPH-75
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:22:37 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



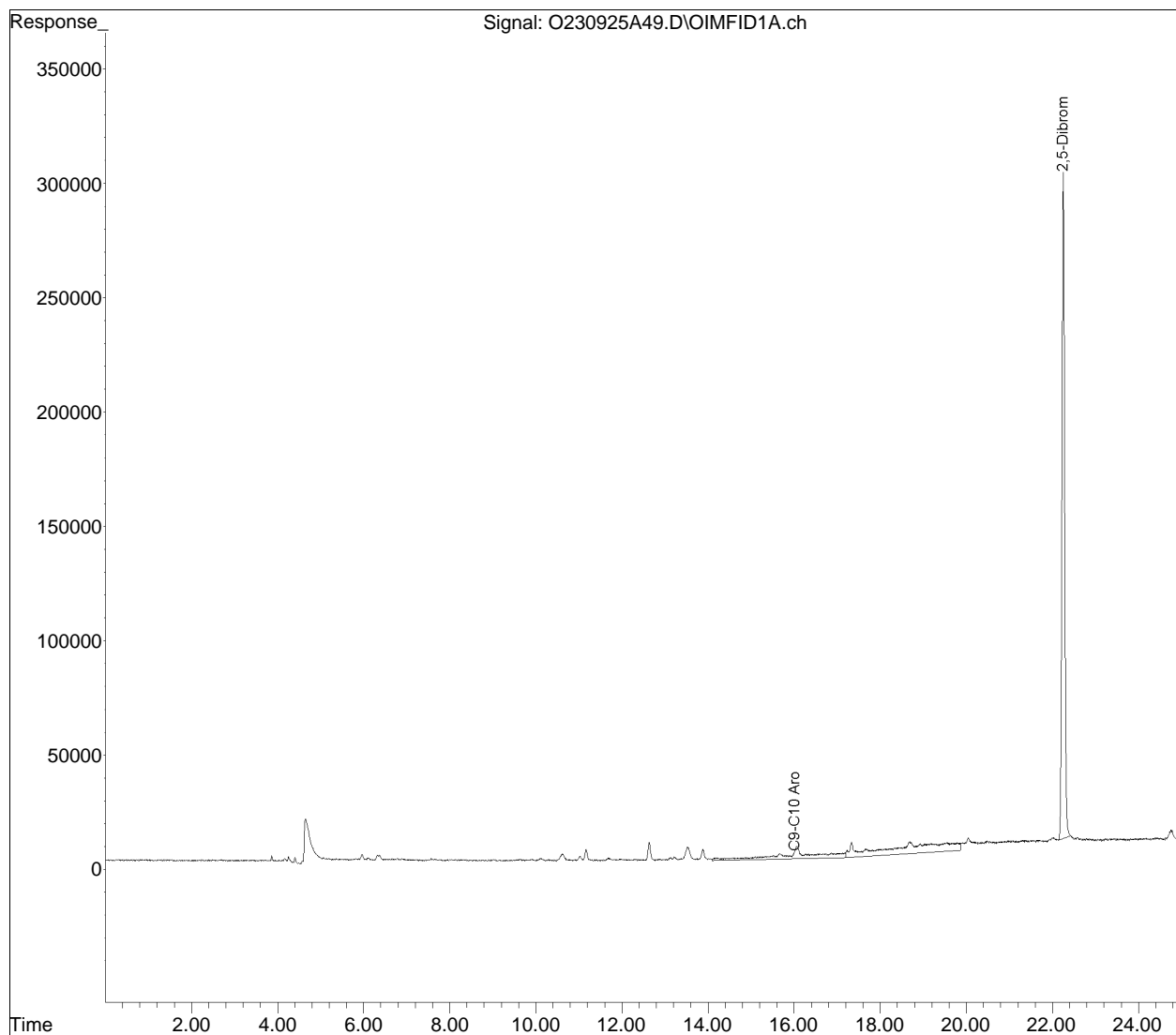
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aaro\
Data File : O230925A49.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 8:40 am
Operator : OVPH:MKS
Sample : 12353393-01,41,15,21.01,0.100,,a
Misc : WG1832635,ICAL20207,VPH-75
ALS Vial : 49 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:30:30 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



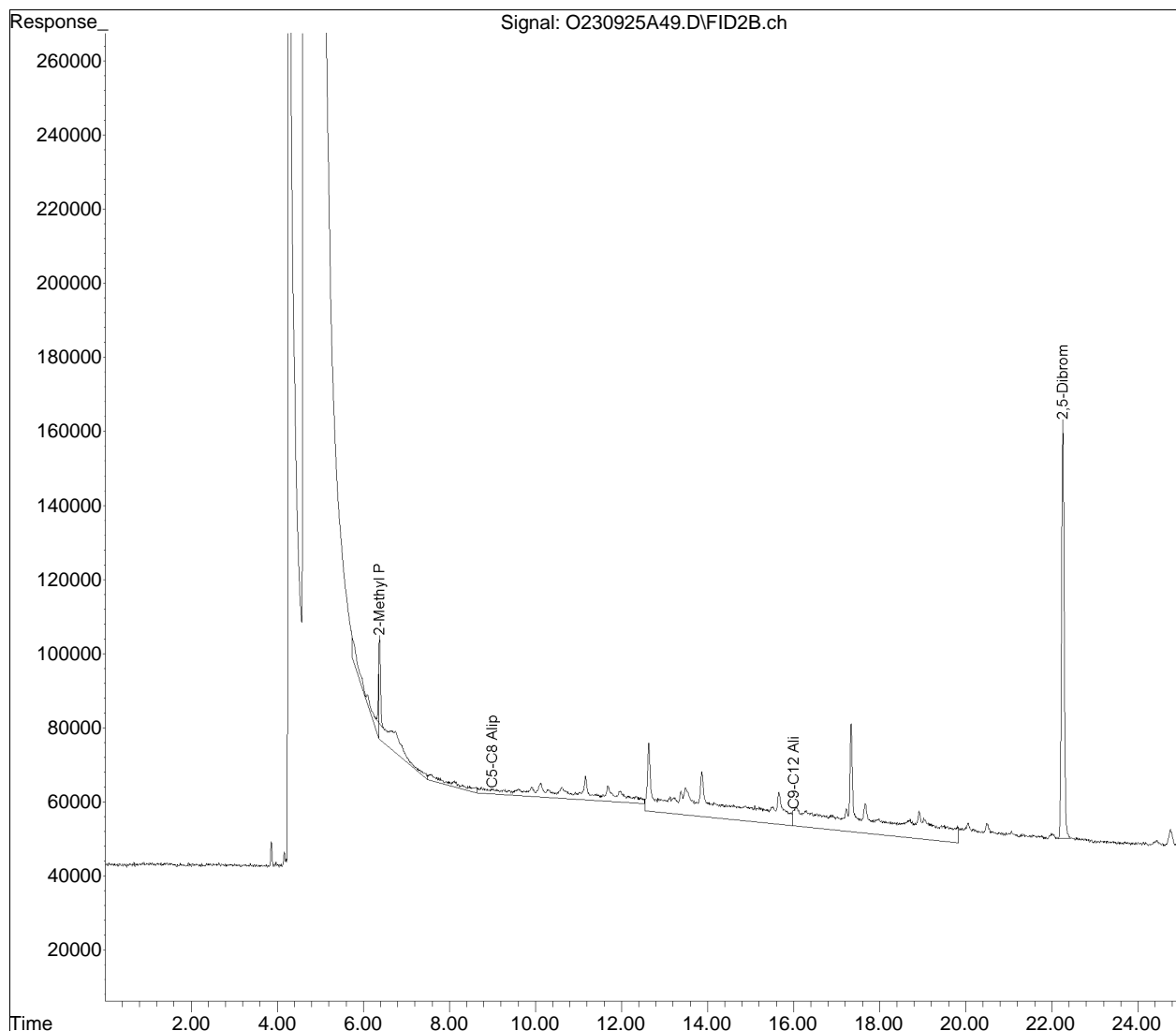
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aali\
Data File : O230925A49.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 8:40 am
Operator : OVPH:MKS
Sample : 12353393-01,41,15,21.01,0.100,,a
Misc : WG1832635,ICAL20206,VPH-75
ALS Vial : 49 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:23:22 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



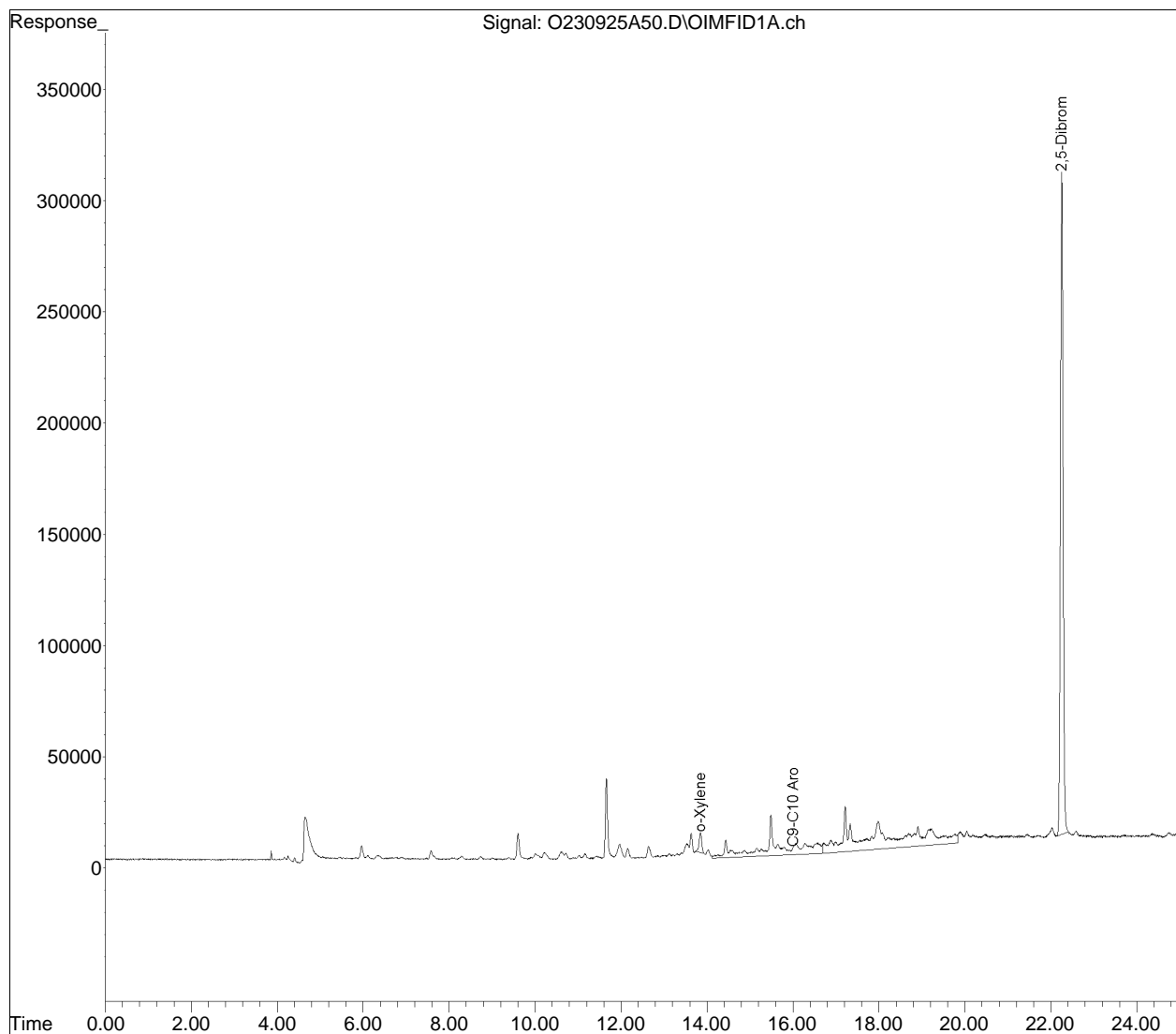
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aaro\
Data File : O230925A50.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 9:10 am
Operator : OVPH:MKS
Sample : 12353393-02,41,15,18.26,0.100,,a
Misc : WG1832635,ICAL20207,VPH-75
ALS Vial : 50 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:30:32 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



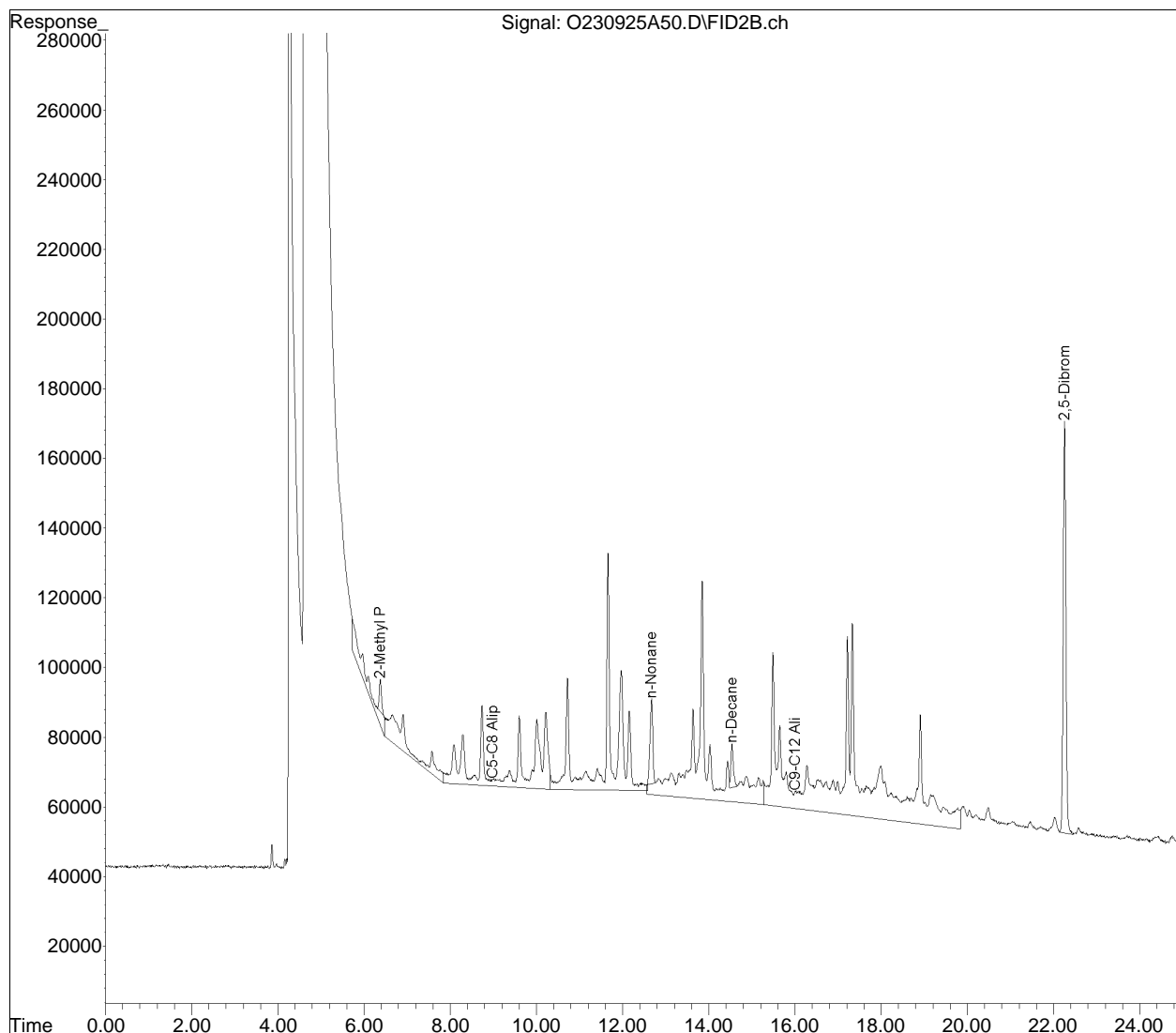
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aali\
Data File : O230925A50.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 9:10 am
Operator : OVPH:MKS
Sample : 12353393-02,41,15,18.26,0.100,,a
Misc : WG1832635,ICAL20206,VPH-75
ALS Vial : 50 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:23:24 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



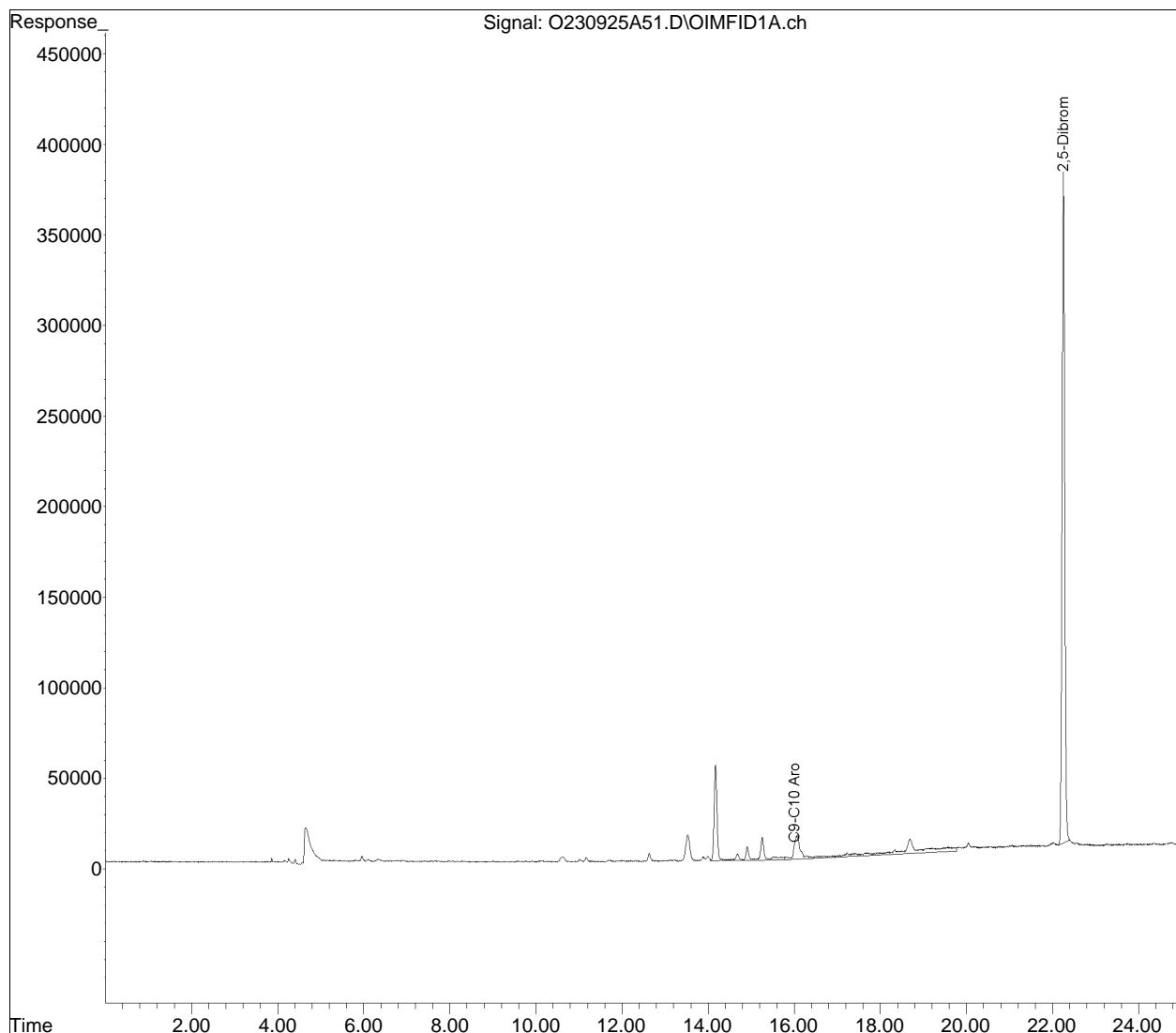
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aaro\
Data File : O230925A51.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 9:40 am
Operator : OVPH:MKS
Sample : 12353393-03,41,15,24.39,0.100,,a
Misc : WG1832635,ICAL20207,VPH-75
ALS Vial : 51 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:30:35 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



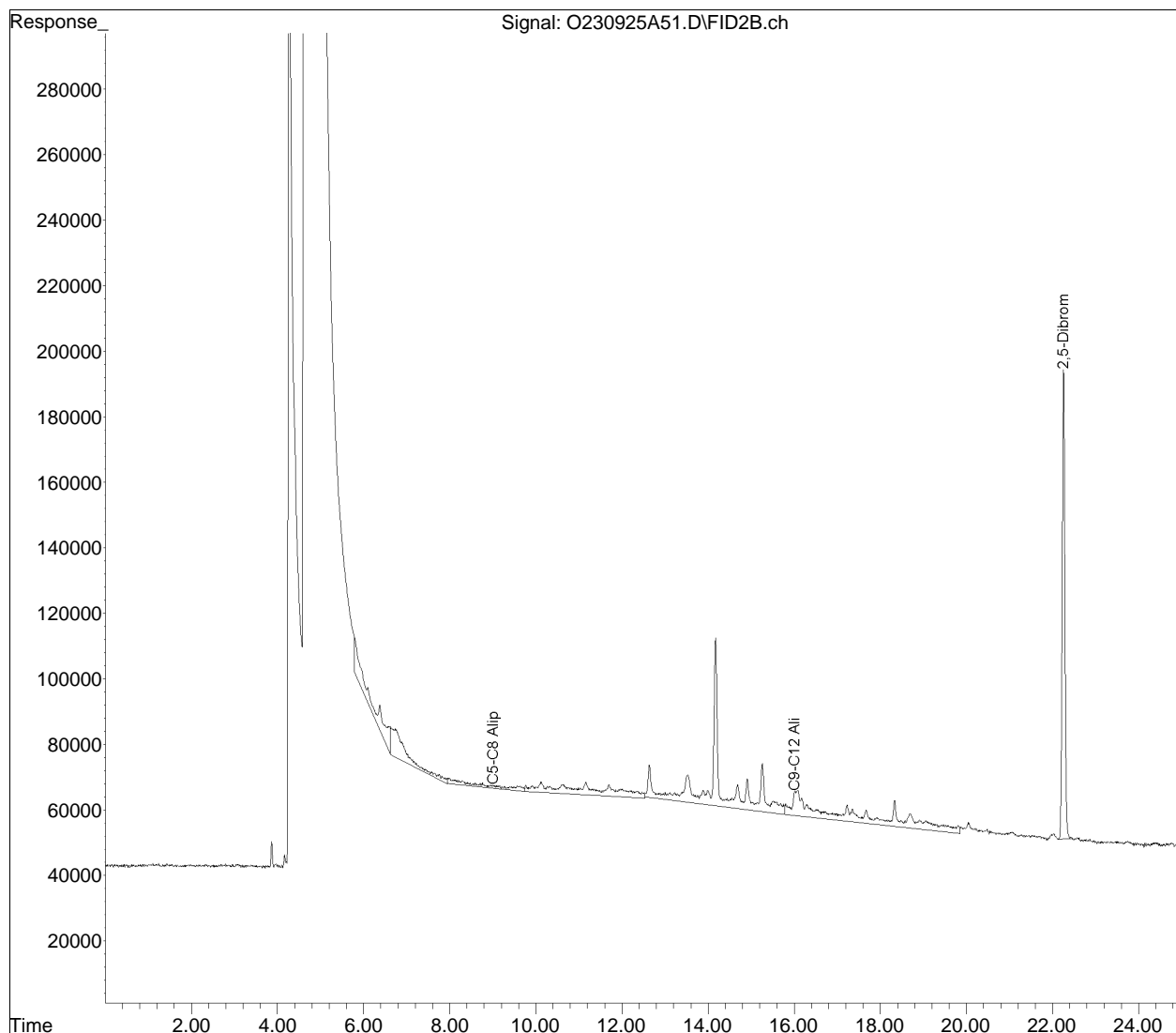
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230925Aali\
Data File : O230925A51.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 9:40 am
Operator : OVPH:MKS
Sample : 12353393-03,41,15,24.39,0.100,,a
Misc : WG1832635,ICAL20206,VPH-75
ALS Vial : 51 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 26 12:23:26 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230925Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 21, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,

Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134317 CLIENT PROJECT ID: L2353393

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353393
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

REVISED
11-9-23 DJ

Batch: S 134317
 Date Sampled: 9/13/2023
 Date Received: 9/14/2023
 Date Analyzed: 9/21/2023
 Date of Report: 9/21/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-419	N/A	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
FLOOR SOLIDS 01	N/A	2	5	0	0	0	0	0	0	5	0	0	0	88

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-410	N/A	0	0	0	0	0	0	0	0	3	0	0	0	97

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite

Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage



Thomas Pickett, Analyst

REVISED
11.9.23 DT

Client Name: Alpha Analytical - Westborough
Client Project #: L2353393
Client Reference: ME

Batch: S 134317
Date Received: 9/14/2023
Date Due: 9/21/2023
Stop on first pos: Yes or No

Batch: S 134317

Sample ID	Description	Analyst	Stereo Scope				Optical Properties					RI		Asbestos Percent					Non-Asbestos Percent									
			SSAPE	Color	Homogeneity	Texture	Frangible	Morphology	Extinction	Elongation	Sign of	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
SD-4179	Soil	TL	0	N/A																								
FLOOR SOLIDS 01	Soil		0	N/A																								
SD-410	Soil		0	N/A																								

Analyzed By / Date: [Signature] 9-21-23

QC By / Date: [Signature] 9/21/23

Fax, Email, Verbal Results By / Date:

of Samples: 3

Comments:

 <p>ALPHA ANALYTICAL <i>World Class Chemistry</i></p>	<p>Subcontract Chain of Custody</p> <p>Aerobiology Laboratory (Pace) 22 Cummings Park Woburn, MA 01801</p> <p style="font-size: 2em; margin-left: 200px;">5134317</p>	<p>Alpha Job Number L2353393</p>
--	--	---

Client Information	Project Information	Regulatory Requirements/Report Limits
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com	Project Location: ME Project Manager: Graham Parker <div style="background-color: #333; color: white; text-align: center; padding: 2px;">Turnaround & Deliverables Information</div> Due Date: Deliverables:	State/Federal Program: Regulatory Criteria:

Project Specific Requirements and/or Report Requirements	
Reference following Alpha Job Number on final report/deliverables: L2353393	Report to include Method Blank, LCS/LCSD:

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
GLP (AAL) per client 11/9/23	SD-417 SD-419 FLOOR SOLIDS 01 SD-410	09-13-23 10:45 09-13-23 13:20 09-13-23 13:30	SOIL SOIL SOIL	Asbestos-PLM Asbestos-PLM Asbestos-PLM	

Relinquished By: <i>[Signature]</i> <i>Don DAVIS AAL</i>	Date/Time: <i>9/14/23</i> <i>9/14/23 12:30</i>	Received By: <i>[Signature]</i> <i>DAVIS AAL</i> <i>Margaret Valente</i>	Date/Time: <i>9-14-23 7:50</i> <i>9/14/23 12:30</i> <i>pm</i>
Form No: AL_subcoc			

S134317

Aerobiology Boston

From: Graham Parker <gparker@alphalab.com>
Sent: Thursday, November 9, 2023 3:33 PM
To: Aerobiology Boston
Subject: Revised Report Needed - L2353393
Attachments: L2353393_sub.pdf

Hello,

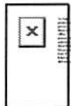
Please reference the attached report. My client has asked if sample ID SD-417 can be changed to SD-419 and reissued? I have added a corrected COC to the attached project. Let me know if anything else is needed.

--

Graham Parker
Project Manager

gparker@alphalab.com
Main: 508-898-9220 | Direct: 508-439-5160

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ANALYTICAL REPORT

Lab Number:	L2353698
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	11/13/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353698-01	SD-406	SOIL	WISCASSETT MAINE	09/12/23 14:35	09/14/23
L2353698-02	SD-401	SOIL	WISCASSETT MAINE	09/12/23 14:20	09/14/23
L2353698-03	SD-412	SOIL	WISCASSETT MAINE	09/12/23 15:50	09/14/23
L2353698-04	SD-416	SOIL	WISCASSETT MAINE	09/12/23 15:49	09/14/23
L2353698-05	SD-407	SOIL	WISCASSETT MAINE	09/12/23 16:00	09/14/23
L2353698-06	BKD-SED-001	SOIL	WISCASSETT MAINE	09/12/23 15:00	09/14/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Case Narrative (continued)

Report Revision

November 13, 2023: The Client ID was amended on L2353698-01.

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2353698-01, -02, -03, -04, -05, and -06: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to excessive sample weight. A High Level analysis was performed and reported.

Semivolatile Organics by SIM

L2353698-01, -02, -04, and -05: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2353698-01, -02, -04, and -05: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1828959-2/-3 LCS/LCSD recoveries, associated with L2353698-01D, -01, -02D, -02, -03, -04D, -04, -05D, -05, and -06, are above the individual acceptance criteria for pentachlorophenol (111%/119%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects for this compound are considered to have a potentially high bias.

The surrogate recovery for the WG1828959-3 LCS, associated with L2353698-01D, -01, -02D, -02, -03, -

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Case Narrative (continued)

04D, -04, -05D, -05, and -06, is outside the acceptance criteria for nitrobenzene-d5 (127%). The LCS spike compounds are within overall method allowances; therefore, no further action was taken.

VPH

L2353698-01, -02, -03, -04, and -05: The sample was outside the recommended 1:1 methanol:soil ratio due to the amount of soil provided in the sample vial.

L2353698-01: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (141%) and 2,5-dibromotoluene-fid (141%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353698-02: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (152%) and 2,5-dibromotoluene-fid (153%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353698-03: The surrogate recovery is above the acceptance criteria for 2,5-dibromotoluene-fid (132%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353698-04: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (178%) and 2,5-dibromotoluene-fid (180%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353698-05: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (138%) and 2,5-dibromotoluene-fid (139%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353698-06: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (182%) and 2,5-dibromotoluene-fid (183%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

EPH

L2353698-03D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Case Narrative (continued)

Total Organic Carbon

L2353698-03: The Sample Replicate RPD is outside the acceptance criteria of 30%. A double-burn re-analysis was performed with a confirming result. The results of the original analysis are reported. The elevated RPD has been attributed to the non-homogeneous nature of the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly O'Neill

Title: Technical Director/Representative

Date: 11/13/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 11:27
 Analyst: AJK
 Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	360	160	1
1,1-Dichloroethane	ND		ug/kg	72	10.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	72	17.	1
1,2-Dichloropropane	ND		ug/kg	72	9.0	1
Dibromochloromethane	ND		ug/kg	72	10.	1
1,1,2-Trichloroethane	ND		ug/kg	72	19.	1
Tetrachloroethene	ND		ug/kg	36	14.	1
Chlorobenzene	ND		ug/kg	36	9.2	1
Trichlorofluoromethane	ND		ug/kg	290	50.	1
1,2-Dichloroethane	ND		ug/kg	72	19.	1
1,1,1-Trichloroethane	ND		ug/kg	36	12.	1
Bromodichloromethane	ND		ug/kg	36	7.9	1
1,1-Dichloropropene	ND		ug/kg	36	12.	1
Bromoform	ND		ug/kg	290	18.	1
1,1,1,2,2-Tetrachloroethane	ND		ug/kg	36	12.	1
Benzene	ND		ug/kg	36	12.	1
Toluene	ND		ug/kg	72	39.	1
Ethylbenzene	ND		ug/kg	72	10.	1
Chloromethane	ND		ug/kg	290	67.	1
Bromomethane	ND		ug/kg	140	42.	1
Vinyl chloride	ND		ug/kg	72	24.	1
Chloroethane	ND		ug/kg	140	33.	1
1,1-Dichloroethene	ND		ug/kg	72	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.9	1
Trichloroethene	11	J	ug/kg	36	9.9	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1
1,3-Dichlorobenzene	ND		ug/kg	140	11.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	72	21.	1
Xylenes, Total	ND		ug/kg	72	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	72	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	72	9.9	1
Dibromomethane	ND		ug/kg	140	17.	1
1,2,3-Trichloropropane	ND		ug/kg	140	9.2	1
Styrene	ND		ug/kg	72	14.	1
Dichlorodifluoromethane	ND		ug/kg	720	66.	1
Acetone	ND		ug/kg	720	350	1
Carbon disulfide	ND		ug/kg	720	330	1
2-Butanone	ND		ug/kg	720	160	1
4-Methyl-2-pentanone	ND		ug/kg	720	93.	1
2-Hexanone	ND		ug/kg	720	85.	1
Bromochloromethane	ND		ug/kg	140	15.	1
Tetrahydrofuran	ND		ug/kg	290	120	1
2,2-Dichloropropane	ND		ug/kg	140	15.	1
1,2-Dibromoethane	ND		ug/kg	72	20.	1
1,3-Dichloropropane	ND		ug/kg	140	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	36	9.6	1
Bromobenzene	ND		ug/kg	140	10.	1
n-Butylbenzene	ND		ug/kg	72	12.	1
sec-Butylbenzene	ND		ug/kg	72	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.5	1
1,3,5-Trichlorobenzene	ND		ug/kg	140	12.	1
o-Chlorotoluene	ND		ug/kg	140	14.	1
p-Chlorotoluene	ND		ug/kg	140	7.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	72.	1
Hexachlorobutadiene	ND		ug/kg	290	12.	1
Isopropylbenzene	ND		ug/kg	72	7.9	1
p-Isopropyltoluene	ND		ug/kg	72	7.9	1
Naphthalene	ND		ug/kg	290	47.	1
n-Propylbenzene	ND		ug/kg	72	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	20.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	24.	1
Ethyl ether	ND		ug/kg	140	25.	1
Diisopropyl Ether	ND		ug/kg	140	15.	1
Tert-Butyl Alcohol	ND		ug/kg	1400	370	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	140	9.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	140	13.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	94		70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 12:06
 Analyst: AJK
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	74	6.9	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	6.9	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.7	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	34.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
1,1-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	8.2	1
Benzene	ND		ug/kg	25	8.2	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	99	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	99	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	74	6.8	1
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	99	7.1	1
1,3-Dichlorobenzene	ND		ug/kg	99	7.3	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	99	8.5	1
Methyl tert butyl ether	ND		ug/kg	99	10.	1
p/m-Xylene	ND		ug/kg	99	28.	1
o-Xylene	ND		ug/kg	50	14.	1
Xylenes, Total	ND		ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8	1
Dibromomethane	ND		ug/kg	99	12.	1
1,2,3-Trichloropropane	ND		ug/kg	99	6.3	1
Styrene	ND		ug/kg	50	9.7	1
Dichlorodifluoromethane	ND		ug/kg	500	45.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	220	1
2-Butanone	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	63.	1
2-Hexanone	ND		ug/kg	500	58.	1
Bromochloromethane	ND		ug/kg	99	10.	1
Tetrahydrofuran	ND		ug/kg	200	79.	1
2,2-Dichloropropane	ND		ug/kg	99	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	99	8.3	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.5	1
Bromobenzene	ND		ug/kg	99	7.2	1
n-Butylbenzene	ND		ug/kg	50	8.3	1
sec-Butylbenzene	ND		ug/kg	50	7.2	1
tert-Butylbenzene	ND		ug/kg	99	5.8	1
1,3,5-Trichlorobenzene	ND		ug/kg	99	8.6	1
o-Chlorotoluene	ND		ug/kg	99	9.5	1
p-Chlorotoluene	ND		ug/kg	99	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	49.	1
Hexachlorobutadiene	ND		ug/kg	200	8.4	1
Isopropylbenzene	ND		ug/kg	50	5.4	1
p-Isopropyltoluene	ND		ug/kg	50	5.4	1
Naphthalene	ND		ug/kg	200	32.	1
n-Propylbenzene	ND		ug/kg	50	8.5	1
1,2,3-Trichlorobenzene	ND		ug/kg	99	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	99	13.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	99	9.6	1
1,2,4-Trimethylbenzene	ND		ug/kg	99	16.	1
Ethyl ether	ND		ug/kg	99	17.	1
Diisopropyl Ether	ND		ug/kg	99	10.	1
Tert-Butyl Alcohol	ND		ug/kg	990	250	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	99	6.3	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	99	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	93		70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 12:45
 Analyst: AJK
 Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	240	110	1
1,1-Dichloroethane	ND		ug/kg	48	6.9	1
Chloroform	ND		ug/kg	71	6.7	1
Carbon tetrachloride	ND		ug/kg	48	11.	1
1,2-Dichloropropane	ND		ug/kg	48	6.0	1
Dibromochloromethane	ND		ug/kg	48	6.7	1
1,1,2-Trichloroethane	ND		ug/kg	48	13.	1
Tetrachloroethene	ND		ug/kg	24	9.3	1
Chlorobenzene	ND		ug/kg	24	6.0	1
Trichlorofluoromethane	ND		ug/kg	190	33.	1
1,2-Dichloroethane	ND		ug/kg	48	12.	1
1,1,1-Trichloroethane	ND		ug/kg	24	8.0	1
Bromodichloromethane	ND		ug/kg	24	5.2	1
1,1-Dichloropropene	ND		ug/kg	24	7.6	1
Bromoform	ND		ug/kg	190	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	24	7.9	1
Benzene	ND		ug/kg	24	7.9	1
Toluene	ND		ug/kg	48	26.	1
Ethylbenzene	ND		ug/kg	48	6.7	1
Chloromethane	ND		ug/kg	190	44.	1
Bromomethane	ND		ug/kg	95	28.	1
Vinyl chloride	ND		ug/kg	48	16.	1
Chloroethane	ND		ug/kg	95	22.	1
1,1-Dichloroethene	ND		ug/kg	48	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	71	6.5	1
Trichloroethene	ND		ug/kg	24	6.5	1
1,2-Dichlorobenzene	ND		ug/kg	95	6.8	1
1,3-Dichlorobenzene	ND		ug/kg	95	7.0	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	95	8.1	1
Methyl tert butyl ether	ND		ug/kg	95	9.6	1
p/m-Xylene	ND		ug/kg	95	27.	1
o-Xylene	ND		ug/kg	48	14.	1
Xylenes, Total	ND		ug/kg	48	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	48	8.3	1
1,2-Dichloroethene, Total	ND		ug/kg	48	6.5	1
Dibromomethane	ND		ug/kg	95	11.	1
1,2,3-Trichloropropane	ND		ug/kg	95	6.0	1
Styrene	ND		ug/kg	48	9.3	1
Dichlorodifluoromethane	ND		ug/kg	480	44.	1
Acetone	ND		ug/kg	480	230	1
Carbon disulfide	ND		ug/kg	480	220	1
2-Butanone	ND		ug/kg	480	100	1
4-Methyl-2-pentanone	ND		ug/kg	480	61.	1
2-Hexanone	ND		ug/kg	480	56.	1
Bromochloromethane	ND		ug/kg	95	9.8	1
Tetrahydrofuran	ND		ug/kg	190	76.	1
2,2-Dichloropropane	ND		ug/kg	95	9.6	1
1,2-Dibromoethane	ND		ug/kg	48	13.	1
1,3-Dichloropropane	ND		ug/kg	95	8.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	24	6.3	1
Bromobenzene	ND		ug/kg	95	6.9	1
n-Butylbenzene	ND		ug/kg	48	8.0	1
sec-Butylbenzene	ND		ug/kg	48	7.0	1
tert-Butylbenzene	ND		ug/kg	95	5.6	1
1,3,5-Trichlorobenzene	ND		ug/kg	95	8.2	1
o-Chlorotoluene	ND		ug/kg	95	9.1	1
p-Chlorotoluene	ND		ug/kg	95	5.1	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	48.	1
Hexachlorobutadiene	ND		ug/kg	190	8.0	1
Isopropylbenzene	ND		ug/kg	48	5.2	1
p-Isopropyltoluene	6.4	J	ug/kg	48	5.2	1
Naphthalene	ND		ug/kg	190	31.	1
n-Propylbenzene	ND		ug/kg	48	8.1	1
1,2,3-Trichlorobenzene	ND		ug/kg	95	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	95	13.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	95	9.2	1
1,2,4-Trimethylbenzene	ND		ug/kg	95	16.	1
Ethyl ether	ND		ug/kg	95	16.	1
Diisopropyl Ether	ND		ug/kg	95	10.	1
Tert-Butyl Alcohol	ND		ug/kg	950	240	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	95	6.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	95	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 13:24
 Analyst: AJK
 Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	370	170	1
1,1-Dichloroethane	ND		ug/kg	74	11.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	74	17.	1
1,2-Dichloropropane	ND		ug/kg	74	9.2	1
Dibromochloromethane	ND		ug/kg	74	10.	1
1,1,2-Trichloroethane	ND		ug/kg	74	20.	1
Tetrachloroethene	ND		ug/kg	37	14.	1
Chlorobenzene	ND		ug/kg	37	9.3	1
Trichlorofluoromethane	ND		ug/kg	290	51.	1
1,2-Dichloroethane	ND		ug/kg	74	19.	1
1,1,1-Trichloroethane	ND		ug/kg	37	12.	1
Bromodichloromethane	ND		ug/kg	37	8.0	1
1,1-Dichloropropene	ND		ug/kg	37	12.	1
Bromoform	ND		ug/kg	290	18.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	37	12.	1
Benzene	ND		ug/kg	37	12.	1
Toluene	ND		ug/kg	74	40.	1
Ethylbenzene	11	J	ug/kg	74	10.	1
Chloromethane	ND		ug/kg	290	68.	1
Bromomethane	ND		ug/kg	150	43.	1
Vinyl chloride	ND		ug/kg	74	25.	1
Chloroethane	ND		ug/kg	150	33.	1
1,1-Dichloroethene	ND		ug/kg	74	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	10.	1
Trichloroethene	ND		ug/kg	37	10.	1
1,2-Dichlorobenzene	ND		ug/kg	150	10.	1
1,3-Dichlorobenzene	ND		ug/kg	150	11.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	150	12.	1
Methyl tert butyl ether	ND		ug/kg	150	15.	1
p/m-Xylene	ND		ug/kg	150	41.	1
o-Xylene	ND		ug/kg	74	21.	1
Xylenes, Total	ND		ug/kg	74	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	74	13.	1
1,2-Dichloroethene, Total	ND		ug/kg	74	10.	1
Dibromomethane	ND		ug/kg	150	18.	1
1,2,3-Trichloropropane	ND		ug/kg	150	9.3	1
Styrene	ND		ug/kg	74	14.	1
Dichlorodifluoromethane	ND		ug/kg	740	67.	1
Acetone	ND		ug/kg	740	350	1
Carbon disulfide	ND		ug/kg	740	330	1
2-Butanone	ND		ug/kg	740	160	1
4-Methyl-2-pentanone	ND		ug/kg	740	94.	1
2-Hexanone	ND		ug/kg	740	87.	1
Bromochloromethane	ND		ug/kg	150	15.	1
Tetrahydrofuran	ND		ug/kg	290	120	1
2,2-Dichloropropane	ND		ug/kg	150	15.	1
1,2-Dibromoethane	ND		ug/kg	74	20.	1
1,3-Dichloropropane	ND		ug/kg	150	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	37	9.7	1
Bromobenzene	ND		ug/kg	150	11.	1
n-Butylbenzene	ND		ug/kg	74	12.	1
sec-Butylbenzene	ND		ug/kg	74	11.	1
tert-Butylbenzene	ND		ug/kg	150	8.7	1
1,3,5-Trichlorobenzene	ND		ug/kg	150	13.	1
o-Chlorotoluene	ND		ug/kg	150	14.	1
p-Chlorotoluene	ND		ug/kg	150	7.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	220	73.	1
Hexachlorobutadiene	ND		ug/kg	290	12.	1
Isopropylbenzene	ND		ug/kg	74	8.0	1
p-Isopropyltoluene	ND		ug/kg	74	8.0	1
Naphthalene	ND		ug/kg	290	48.	1
n-Propylbenzene	ND		ug/kg	74	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	150	24.	1
1,2,4-Trichlorobenzene	ND		ug/kg	150	20.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	150	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	150	24.	1
Ethyl ether	ND		ug/kg	150	25.	1
Diisopropyl Ether	ND		ug/kg	150	16.	1
Tert-Butyl Alcohol	ND		ug/kg	1500	380	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	150	9.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	150	13.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	94		70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:03
 Analyst: AJK
 Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	230	100	1
1,1-Dichloroethane	ND		ug/kg	46	6.6	1
Chloroform	ND		ug/kg	69	6.4	1
Carbon tetrachloride	ND		ug/kg	46	10.	1
1,2-Dichloropropane	ND		ug/kg	46	5.7	1
Dibromochloromethane	ND		ug/kg	46	6.4	1
1,1,2-Trichloroethane	ND		ug/kg	46	12.	1
Tetrachloroethene	ND		ug/kg	23	9.0	1
Chlorobenzene	ND		ug/kg	23	5.8	1
Trichlorofluoromethane	ND		ug/kg	180	32.	1
1,2-Dichloroethane	ND		ug/kg	46	12.	1
1,1,1-Trichloroethane	ND		ug/kg	23	7.6	1
Bromodichloromethane	ND		ug/kg	23	5.0	1
1,1-Dichloropropene	ND		ug/kg	23	7.3	1
Bromoform	ND		ug/kg	180	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	7.6	1
Benzene	ND		ug/kg	23	7.6	1
Toluene	ND		ug/kg	46	25.	1
Ethylbenzene	6.7	J	ug/kg	46	6.4	1
Chloromethane	ND		ug/kg	180	43.	1
Bromomethane	ND		ug/kg	92	26.	1
Vinyl chloride	ND		ug/kg	46	15.	1
Chloroethane	ND		ug/kg	92	21.	1
1,1-Dichloroethene	ND		ug/kg	46	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	69	6.3	1
Trichloroethene	ND		ug/kg	23	6.3	1
1,2-Dichlorobenzene	ND		ug/kg	92	6.6	1
1,3-Dichlorobenzene	ND		ug/kg	92	6.8	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	92	7.8	1
Methyl tert butyl ether	ND		ug/kg	92	9.2	1
p/m-Xylene	ND		ug/kg	92	26.	1
o-Xylene	ND		ug/kg	46	13.	1
Xylenes, Total	ND		ug/kg	46	13.	1
cis-1,2-Dichloroethene	ND		ug/kg	46	8.0	1
1,2-Dichloroethene, Total	ND		ug/kg	46	6.3	1
Dibromomethane	ND		ug/kg	92	11.	1
1,2,3-Trichloropropane	ND		ug/kg	92	5.8	1
Styrene	ND		ug/kg	46	9.0	1
Dichlorodifluoromethane	ND		ug/kg	460	42.	1
Acetone	ND		ug/kg	460	220	1
Carbon disulfide	ND		ug/kg	460	210	1
2-Butanone	ND		ug/kg	460	100	1
4-Methyl-2-pentanone	ND		ug/kg	460	58.	1
2-Hexanone	ND		ug/kg	460	54.	1
Bromochloromethane	ND		ug/kg	92	9.4	1
Tetrahydrofuran	ND		ug/kg	180	73.	1
2,2-Dichloropropane	ND		ug/kg	92	9.2	1
1,2-Dibromoethane	ND		ug/kg	46	13.	1
1,3-Dichloropropane	ND		ug/kg	92	7.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	6.0	1
Bromobenzene	ND		ug/kg	92	6.6	1
n-Butylbenzene	ND		ug/kg	46	7.6	1
sec-Butylbenzene	ND		ug/kg	46	6.7	1
tert-Butylbenzene	ND		ug/kg	92	5.4	1
1,3,5-Trichlorobenzene	ND		ug/kg	92	7.9	1
o-Chlorotoluene	ND		ug/kg	92	8.7	1
p-Chlorotoluene	ND		ug/kg	92	4.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	46.	1
Hexachlorobutadiene	ND		ug/kg	180	7.7	1
Isopropylbenzene	ND		ug/kg	46	5.0	1
p-Isopropyltoluene	ND		ug/kg	46	5.0	1
Naphthalene	70	J	ug/kg	180	30.	1
n-Propylbenzene	ND		ug/kg	46	7.8	1
1,2,3-Trichlorobenzene	ND		ug/kg	92	15.	1
1,2,4-Trichlorobenzene	ND		ug/kg	92	12.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	92	8.8	1
1,2,4-Trimethylbenzene	ND		ug/kg	92	15.	1
Ethyl ether	ND		ug/kg	92	16.	1
Diisopropyl Ether	ND		ug/kg	92	9.7	1
Tert-Butyl Alcohol	ND		ug/kg	920	240	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	92	5.8	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	92	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	93		70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/23/23 14:42
 Analyst: AJK
 Percent Solids: 41%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	880	400	1
1,1-Dichloroethane	ND		ug/kg	180	25.	1
Chloroform	ND		ug/kg	260	24.	1
Carbon tetrachloride	ND		ug/kg	180	40.	1
1,2-Dichloropropane	ND		ug/kg	180	22.	1
Dibromochloromethane	ND		ug/kg	180	24.	1
1,1,2-Trichloroethane	ND		ug/kg	180	47.	1
Tetrachloroethene	ND		ug/kg	88	34.	1
Chlorobenzene	ND		ug/kg	88	22.	1
Trichlorofluoromethane	ND		ug/kg	700	120	1
1,2-Dichloroethane	ND		ug/kg	180	45.	1
1,1,1-Trichloroethane	ND		ug/kg	88	29.	1
Bromodichloromethane	ND		ug/kg	88	19.	1
1,1-Dichloropropene	ND		ug/kg	88	28.	1
Bromoform	ND		ug/kg	700	43.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	88	29.	1
Benzene	ND		ug/kg	88	29.	1
Toluene	ND		ug/kg	180	95.	1
Ethylbenzene	ND		ug/kg	180	25.	1
Chloromethane	ND		ug/kg	700	160	1
Bromomethane	ND		ug/kg	350	100	1
Vinyl chloride	ND		ug/kg	180	59.	1
Chloroethane	ND		ug/kg	350	79.	1
1,1-Dichloroethene	ND		ug/kg	180	42.	1
trans-1,2-Dichloroethene	ND		ug/kg	260	24.	1
Trichloroethene	ND		ug/kg	88	24.	1
1,2-Dichlorobenzene	ND		ug/kg	350	25.	1
1,3-Dichlorobenzene	ND		ug/kg	350	26.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	350	30.	1
Methyl tert butyl ether	ND		ug/kg	350	35.	1
p/m-Xylene	ND		ug/kg	350	98.	1
o-Xylene	ND		ug/kg	180	51.	1
Xylenes, Total	ND		ug/kg	180	51.	1
cis-1,2-Dichloroethene	ND		ug/kg	180	31.	1
1,2-Dichloroethene, Total	ND		ug/kg	180	24.	1
Dibromomethane	ND		ug/kg	350	42.	1
1,2,3-Trichloropropane	ND		ug/kg	350	22.	1
Styrene	ND		ug/kg	180	34.	1
Dichlorodifluoromethane	ND		ug/kg	1800	160	1
Acetone	ND		ug/kg	1800	840	1
Carbon disulfide	ND		ug/kg	1800	800	1
2-Butanone	ND		ug/kg	1800	390	1
4-Methyl-2-pentanone	ND		ug/kg	1800	220	1
2-Hexanone	ND		ug/kg	1800	210	1
Bromochloromethane	ND		ug/kg	350	36.	1
Tetrahydrofuran	ND		ug/kg	700	280	1
2,2-Dichloropropane	ND		ug/kg	350	35.	1
1,2-Dibromoethane	ND		ug/kg	180	49.	1
1,3-Dichloropropane	ND		ug/kg	350	29.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	88	23.	1
Bromobenzene	ND		ug/kg	350	25.	1
n-Butylbenzene	ND		ug/kg	180	29.	1
sec-Butylbenzene	ND		ug/kg	180	26.	1
tert-Butylbenzene	ND		ug/kg	350	21.	1
1,3,5-Trichlorobenzene	ND		ug/kg	350	30.	1
o-Chlorotoluene	ND		ug/kg	350	33.	1
p-Chlorotoluene	ND		ug/kg	350	19.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	520	170	1
Hexachlorobutadiene	ND		ug/kg	700	30.	1
Isopropylbenzene	ND		ug/kg	180	19.	1
p-Isopropyltoluene	ND		ug/kg	180	19.	1
Naphthalene	ND		ug/kg	700	110	1
n-Propylbenzene	ND		ug/kg	180	30.	1
1,2,3-Trichlorobenzene	ND		ug/kg	350	56.	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	48.	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	350	34.	1
1,2,4-Trimethylbenzene	ND		ug/kg	350	58.	1
Ethyl ether	ND		ug/kg	350	60.	1
Diisopropyl Ether	ND		ug/kg	350	37.	1
Tert-Butyl Alcohol	ND		ug/kg	3500	900	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	350	22.	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	350	31.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06 Batch: WG1832249-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06 Batch: WG1832249-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8260D
Analytical Date: 09/23/23 10:48
Analyst: LAC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01-06 Batch: WG1832249-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06 Batch: WG1832249-3 WG1832249-4								
Methylene chloride	92		92		70-130	0		30
1,1-Dichloroethane	94		94		70-130	0		30
Chloroform	96		96		70-130	0		30
Carbon tetrachloride	91		90		70-130	1		30
1,2-Dichloropropane	96		96		70-130	0		30
Dibromochloromethane	110		112		70-130	2		30
1,1,2-Trichloroethane	100		101		70-130	1		30
Tetrachloroethene	103		102		70-130	1		30
Chlorobenzene	101		100		70-130	1		30
Trichlorofluoromethane	94		93		70-139	1		30
1,2-Dichloroethane	98		100		70-130	2		30
1,1,1-Trichloroethane	99		99		70-130	0		30
Bromodichloromethane	103		104		70-130	1		30
1,1-Dichloropropene	96		94		70-130	2		30
Bromoform	112		116		70-130	4		30
1,1,1,2-Tetrachloroethane	100		101		70-130	1		30
Benzene	95		95		70-130	0		30
Toluene	87		87		70-130	0		30
Ethylbenzene	95		93		70-130	2		30
Chloromethane	86		81		52-130	6		30
Bromomethane	92		86		57-147	7		30
Vinyl chloride	90		87		67-130	3		30
Chloroethane	92		89		50-151	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06 Batch: WG1832249-3 WG1832249-4								
1,1-Dichloroethene	95		95		65-135	0		30
trans-1,2-Dichloroethene	96		96		70-130	0		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	104		104		70-130	0		30
1,3-Dichlorobenzene	104		102		70-130	2		30
1,4-Dichlorobenzene	104		102		70-130	2		30
Methyl tert butyl ether	112		115		66-130	3		30
p/m-Xylene	95		93		70-130	2		30
o-Xylene	100		99		70-130	1		30
cis-1,2-Dichloroethene	96		97		70-130	1		30
Dibromomethane	103		106		70-130	3		30
1,2,3-Trichloropropane	99		102		68-130	3		30
Styrene	100		99		70-130	1		30
Dichlorodifluoromethane	86		84		30-146	2		30
Acetone	112		114		54-140	2		30
Carbon disulfide	85		84		59-130	1		30
2-Butanone	105		110		70-130	5		30
4-Methyl-2-pentanone	102		106		70-130	4		30
2-Hexanone	101		106		70-130	5		30
Bromochloromethane	107		108		70-130	1		30
Tetrahydrofuran	101		105		66-130	4		30
2,2-Dichloropropane	96		95		70-130	1		30
1,2-Dibromoethane	110		112		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06 Batch: WG1832249-3 WG1832249-4									
1,3-Dichloropropane	98		100		69-130		2		30
1,1,1,2-Tetrachloroethane	104		105		70-130		1		30
Bromobenzene	104		105		70-130		1		30
n-Butylbenzene	94		91		70-130		3		30
sec-Butylbenzene	95		93		70-130		2		30
tert-Butylbenzene	96		95		70-130		1		30
1,3,5-Trichlorobenzene	113		110		70-139		3		30
o-Chlorotoluene	93		92		70-130		1		30
p-Chlorotoluene	96		94		70-130		2		30
1,2-Dibromo-3-chloropropane	99		102		68-130		3		30
Hexachlorobutadiene	109		108		67-130		1		30
Isopropylbenzene	94		94		70-130		0		30
p-Isopropyltoluene	98		95		70-130		3		30
Naphthalene	120		125		70-130		4		30
n-Propylbenzene	94		93		70-130		1		30
1,2,3-Trichlorobenzene	126		128		70-130		2		30
1,2,4-Trichlorobenzene	121		121		70-130		0		30
1,3,5-Trimethylbenzene	96		95		70-130		1		30
1,2,4-Trimethylbenzene	98		97		70-130		1		30
Ethyl ether	108		112		67-130		4		30
Diisopropyl Ether	93		95		66-130		2		30
Tert-Butyl Alcohol	111		123		70-130		10		30
Ethyl-Tert-Butyl-Ether	98		101		70-130		3		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01-06 Batch: WG1832249-3 WG1832249-4								
Tertiary-Amyl Methyl Ether	101		106		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	94		94		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	98		100		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 14:20
 Analyst: ALS
 Percent Solids: 69%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	790	260	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
1,2-Dichlorobenzene	ND		ug/kg	240	43.	1
1,3-Dichlorobenzene	ND		ug/kg	240	41.	1
1,4-Dichlorobenzene	ND		ug/kg	240	42.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	48.	1
2,6-Dinitrotoluene	ND		ug/kg	240	41.	1
Azobenzene	ND		ug/kg	240	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	41.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	220	1
Isophorone	ND		ug/kg	210	31.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	37.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	82.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	81.	1
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Biphenyl	ND		ug/kg	540	31.	1
Aniline	ND		ug/kg	280	110	1
4-Chloroaniline	ND		ug/kg	240	43.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	45.	1
4-Nitroaniline	ND		ug/kg	240	99.	1
Dibenzofuran	29	J	ug/kg	240	22.	1
n-Nitrosodimethylamine	ND		ug/kg	480	46.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	35.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	79.	1
2-Nitrophenol	ND		ug/kg	510	90.	1
4-Nitrophenol	ND		ug/kg	330	97.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	620	110	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	46.	1
Benzoic Acid	ND		ug/kg	770	240	1
Benzyl Alcohol	ND		ug/kg	240	73.	1
Carbazole	87	J	ug/kg	240	23.	1
Pyridine	ND		ug/kg	260	90.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	54		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	40		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 14:09
 Analyst: DV
 Percent Solids: 69%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	69		ug/kg	9.5	2.0	1
2-Chloronaphthalene	ND		ug/kg	9.5	1.2	1
Fluoranthene	4400	E	ug/kg	9.5	0.67	1
Hexachlorobutadiene	ND		ug/kg	9.5	1.3	1
Naphthalene	30		ug/kg	9.5	1.7	1
Benzo(a)anthracene	2200	E	ug/kg	9.5	0.90	1
Benzo(a)pyrene	1300	E	ug/kg	9.5	1.1	1
Benzo(b)fluoranthene	1900	E	ug/kg	9.5	0.90	1
Benzo(k)fluoranthene	490		ug/kg	9.5	0.86	1
Chrysene	1400	E	ug/kg	9.5	0.71	1
Acenaphthylene	21		ug/kg	9.5	1.2	1
Anthracene	450		ug/kg	9.5	0.76	1
Benzo(ghi)perylene	460		ug/kg	9.5	0.81	1
Fluorene	57		ug/kg	9.5	1.1	1
Phenanthrene	1300	E	ug/kg	9.5	0.81	1
Dibenzo(a,h)anthracene	140		ug/kg	9.5	0.95	1
Indeno(1,2,3-cd)Pyrene	730		ug/kg	9.5	1.1	1
Pyrene	3400	E	ug/kg	9.5	0.67	1
1-Methylnaphthalene	14		ug/kg	9.5	1.5	1
2-Methylnaphthalene	16		ug/kg	9.5	2.7	1
Pentachlorophenol	ND		ug/kg	38	4.2	1
Hexachlorobenzene	ND		ug/kg	9.5	1.0	1
Hexachloroethane	ND		ug/kg	9.5	1.8	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	51		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01 D

Date Collected: 09/12/23 14:35

Client ID: SD-406

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 13:27

Analyst: RP

Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	3800		ug/kg	95	6.7	10
Benzo(a)anthracene	1700		ug/kg	95	9.0	10
Benzo(a)pyrene	1100		ug/kg	95	11.	10
Benzo(b)fluoranthene	1400		ug/kg	95	9.0	10
Chrysene	1300		ug/kg	95	7.1	10
Phenanthrene	1000		ug/kg	95	8.1	10
Pyrene	3000		ug/kg	95	6.7	10

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 14:37
 Analyst: ALS
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	650	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Biphenyl	ND		ug/kg	450	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	55	J	ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	99	J	ug/kg	200	19.	1
Pyridine	ND		ug/kg	210	75.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	77		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 14:25
 Analyst: DV
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	110		ug/kg	7.9	1.7	1
2-Chloronaphthalene	ND		ug/kg	7.9	1.0	1
Fluoranthene	1200	E	ug/kg	7.9	0.56	1
Hexachlorobutadiene	ND		ug/kg	7.9	1.1	1
Naphthalene	36		ug/kg	7.9	1.4	1
Benzo(a)anthracene	470		ug/kg	7.9	0.75	1
Benzo(a)pyrene	480		ug/kg	7.9	0.95	1
Benzo(b)fluoranthene	640		ug/kg	7.9	0.75	1
Benzo(k)fluoranthene	190		ug/kg	7.9	0.71	1
Chrysene	460		ug/kg	7.9	0.60	1
Acenaphthylene	37		ug/kg	7.9	0.99	1
Anthracene	170		ug/kg	7.9	0.63	1
Benzo(ghi)perylene	240		ug/kg	7.9	0.67	1
Fluorene	78		ug/kg	7.9	0.95	1
Phenanthrene	870	E	ug/kg	7.9	0.67	1
Dibenzo(a,h)anthracene	65		ug/kg	7.9	0.79	1
Indeno(1,2,3-cd)Pyrene	340		ug/kg	7.9	0.95	1
Pyrene	950	E	ug/kg	7.9	0.56	1
1-Methylnaphthalene	12		ug/kg	7.9	1.2	1
2-Methylnaphthalene	17		ug/kg	7.9	2.3	1
Pentachlorophenol	ND		ug/kg	32	3.5	1
Hexachlorobenzene	ND		ug/kg	7.9	0.83	1
Hexachloroethane	ND		ug/kg	7.9	1.5	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02

Date Collected: 09/12/23 14:20

Client ID: SD-401

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	91		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02 D

Date Collected: 09/12/23 14:20

Client ID: SD-401

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 13:44

Analyst: RP

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	1100		ug/kg	40	2.8	5
Phenanthrene	750		ug/kg	40	3.4	5
Pyrene	900		ug/kg	40	2.8	5

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 14:53
 Analyst: ALS
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	650	210	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	35.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	34.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Biphenyl	ND		ug/kg	450	26.	1
Aniline	ND		ug/kg	240	93.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	ND		ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	390	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	640	200	1
Benzyl Alcohol	ND		ug/kg	200	60.	1
Carbazole	33	J	ug/kg	200	19.	1
Pyridine	ND		ug/kg	210	75.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	90		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 14:41
 Analyst: DV
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	25		ug/kg	7.9	1.6	1
2-Chloronaphthalene	ND		ug/kg	7.9	1.0	1
Fluoranthene	560		ug/kg	7.9	0.55	1
Hexachlorobutadiene	ND		ug/kg	7.9	1.1	1
Naphthalene	7.3	J	ug/kg	7.9	1.4	1
Benzo(a)anthracene	280		ug/kg	7.9	0.75	1
Benzo(a)pyrene	240		ug/kg	7.9	0.94	1
Benzo(b)fluoranthene	290		ug/kg	7.9	0.75	1
Benzo(k)fluoranthene	100		ug/kg	7.9	0.71	1
Chrysene	240		ug/kg	7.9	0.59	1
Acenaphthylene	50		ug/kg	7.9	0.98	1
Anthracene	110		ug/kg	7.9	0.63	1
Benzo(ghi)perylene	99		ug/kg	7.9	0.67	1
Fluorene	33		ug/kg	7.9	0.94	1
Phenanthrene	290		ug/kg	7.9	0.67	1
Dibenzo(a,h)anthracene	28		ug/kg	7.9	0.79	1
Indeno(1,2,3-cd)Pyrene	130		ug/kg	7.9	0.94	1
Pyrene	540		ug/kg	7.9	0.55	1
1-Methylnaphthalene	5.8	J	ug/kg	7.9	1.2	1
2-Methylnaphthalene	6.9	J	ug/kg	7.9	2.2	1
Pentachlorophenol	ND		ug/kg	31	3.5	1
Hexachlorobenzene	ND		ug/kg	7.9	0.83	1
Hexachloroethane	ND		ug/kg	7.9	1.4	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03

Date Collected: 09/12/23 15:50

Client ID: SD-412

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	96		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	113		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 15:10
 Analyst: ALS
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	780	260	1
1,2,4-Trichlorobenzene	ND		ug/kg	240	27.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
1,2-Dichlorobenzene	ND		ug/kg	240	42.	1
1,3-Dichlorobenzene	ND		ug/kg	240	41.	1
1,4-Dichlorobenzene	ND		ug/kg	240	41.	1
3,3'-Dichlorobenzidine	ND		ug/kg	240	63.	1
2,4-Dinitrotoluene	ND		ug/kg	240	47.	1
2,6-Dinitrotoluene	ND		ug/kg	240	40.	1
Azobenzene	ND		ug/kg	240	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	240	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	240	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	260	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	680	210	1
Isophorone	ND		ug/kg	210	31.	1
Nitrobenzene	ND		ug/kg	210	35.	1
NDPA/DPA	ND		ug/kg	190	27.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	240	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	240	82.	1
Butyl benzyl phthalate	ND		ug/kg	240	60.	1
Di-n-butylphthalate	ND		ug/kg	240	45.	1
Di-n-octylphthalate	ND		ug/kg	240	80.	1
Diethyl phthalate	ND		ug/kg	240	22.	1
Dimethyl phthalate	ND		ug/kg	240	50.	1
Biphenyl	ND		ug/kg	540	31.	1
Aniline	ND		ug/kg	280	110	1
4-Chloroaniline	ND		ug/kg	240	43.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	240	46.	1
3-Nitroaniline	ND		ug/kg	240	44.	1
4-Nitroaniline	ND		ug/kg	240	98.	1
Dibenzofuran	130	J	ug/kg	240	22.	1
n-Nitrosodimethylamine	ND		ug/kg	470	45.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	45.	1
p-Chloro-m-cresol	ND		ug/kg	240	35.	1
2-Chlorophenol	ND		ug/kg	240	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	ND		ug/kg	240	78.	1
2-Nitrophenol	ND		ug/kg	510	89.	1
4-Nitrophenol	ND		ug/kg	330	96.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Phenol	ND		ug/kg	240	36.	1
2-Methylphenol	ND		ug/kg	240	37.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	340	37.	1
2,4,5-Trichlorophenol	ND		ug/kg	240	45.	1
Benzoic Acid	ND		ug/kg	760	240	1
Benzyl Alcohol	ND		ug/kg	240	72.	1
Carbazole	180	J	ug/kg	240	23.	1
Pyridine	ND		ug/kg	260	90.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	89		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 14:57
 Analyst: DV
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	210		ug/kg	9.4	2.0	1
2-Chloronaphthalene	ND		ug/kg	9.4	1.2	1
Fluoranthene	3200	E	ug/kg	9.4	0.66	1
Hexachlorobutadiene	ND		ug/kg	9.4	1.3	1
Naphthalene	49		ug/kg	9.4	1.7	1
Benzo(a)anthracene	1200	E	ug/kg	9.4	0.90	1
Benzo(a)pyrene	1000	E	ug/kg	9.4	1.1	1
Benzo(b)fluoranthene	1400	E	ug/kg	9.4	0.90	1
Benzo(k)fluoranthene	400		ug/kg	9.4	0.85	1
Chrysene	1200	E	ug/kg	9.4	0.71	1
Acenaphthylene	60		ug/kg	9.4	1.2	1
Anthracene	340		ug/kg	9.4	0.76	1
Benzo(ghi)perylene	400		ug/kg	9.4	0.80	1
Fluorene	240		ug/kg	9.4	1.1	1
Phenanthrene	2700	E	ug/kg	9.4	0.80	1
Dibenzo(a,h)anthracene	120		ug/kg	9.4	0.94	1
Indeno(1,2,3-cd)Pyrene	590		ug/kg	9.4	1.1	1
Pyrene	2600	E	ug/kg	9.4	0.66	1
1-Methylnaphthalene	34		ug/kg	9.4	1.5	1
2-Methylnaphthalene	37		ug/kg	9.4	2.7	1
Pentachlorophenol	ND		ug/kg	38	4.2	1
Hexachlorobenzene	ND		ug/kg	9.4	0.99	1
Hexachloroethane	ND		ug/kg	9.4	1.7	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04

Date Collected: 09/12/23 15:49

Client ID: SD-416

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	114		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04 D

Date Collected: 09/12/23 15:49

Client ID: SD-416

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 14:01

Analyst: RP

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	2600		ug/kg	94	6.6	10
Benzo(a)anthracene	1000		ug/kg	94	9.0	10
Benzo(a)pyrene	850		ug/kg	94	11.	10
Benzo(b)fluoranthene	1100		ug/kg	94	9.0	10
Chrysene	950		ug/kg	94	7.1	10
Phenanthrene	2000		ug/kg	94	8.0	10
Pyrene	2200		ug/kg	94	6.6	10

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 15:26
 Analyst: ALS
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	610	200	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Azobenzene	ND		ug/kg	180	18.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Isophorone	ND		ug/kg	160	24.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Biphenyl	ND		ug/kg	420	24.	1
Aniline	ND		ug/kg	220	87.	1
4-Chloroaniline	ND		ug/kg	180	34.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	52	J	ug/kg	180	17.	1
n-Nitrosodimethylamine	ND		ug/kg	370	35.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	100	J	ug/kg	180	18.	1
Pyridine	ND		ug/kg	200	70.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	102		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	93		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 15:14
 Analyst: DV
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	110		ug/kg	7.4	1.5	1
2-Chloronaphthalene	ND		ug/kg	7.4	0.96	1
Fluoranthene	1200	E	ug/kg	7.4	0.52	1
Hexachlorobutadiene	ND		ug/kg	7.4	1.0	1
Naphthalene	84		ug/kg	7.4	1.3	1
Benzo(a)anthracene	550		ug/kg	7.4	0.70	1
Benzo(a)pyrene	520		ug/kg	7.4	0.88	1
Benzo(b)fluoranthene	680		ug/kg	7.4	0.70	1
Benzo(k)fluoranthene	160		ug/kg	7.4	0.66	1
Chrysene	470		ug/kg	7.4	0.55	1
Acenaphthylene	46		ug/kg	7.4	0.92	1
Anthracene	190		ug/kg	7.4	0.59	1
Benzo(ghi)perylene	240		ug/kg	7.4	0.63	1
Fluorene	87		ug/kg	7.4	0.88	1
Phenanthrene	810	E	ug/kg	7.4	0.63	1
Dibenzo(a,h)anthracene	65		ug/kg	7.4	0.74	1
Indeno(1,2,3-cd)Pyrene	330		ug/kg	7.4	0.88	1
Pyrene	920	E	ug/kg	7.4	0.52	1
1-Methylnaphthalene	16		ug/kg	7.4	1.1	1
2-Methylnaphthalene	24		ug/kg	7.4	2.1	1
Pentachlorophenol	ND		ug/kg	30	3.2	1
Hexachlorobenzene	ND		ug/kg	7.4	0.77	1
Hexachloroethane	ND		ug/kg	7.4	1.4	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05

Date Collected: 09/12/23 16:00

Client ID: SD-407

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	107		10-120
Nitrobenzene-d5	119		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	109		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05 D

Date Collected: 09/12/23 16:00

Client ID: SD-407

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 14:17

Analyst: RP

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	1100		ug/kg	37	2.6	5
Phenanthrene	690		ug/kg	37	3.1	5
Pyrene	920		ug/kg	37	2.6	5

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 15:43
 Analyst: ALS
 Percent Solids: 41%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	1300	440	1
1,2,4-Trichlorobenzene	ND		ug/kg	400	46.	1
Bis(2-chloroethyl)ether	ND		ug/kg	360	54.	1
1,2-Dichlorobenzene	ND		ug/kg	400	72.	1
1,3-Dichlorobenzene	ND		ug/kg	400	69.	1
1,4-Dichlorobenzene	ND		ug/kg	400	70.	1
3,3'-Dichlorobenzidine	ND		ug/kg	400	110	1
2,4-Dinitrotoluene	ND		ug/kg	400	80.	1
2,6-Dinitrotoluene	ND		ug/kg	400	69.	1
Azobenzene	ND		ug/kg	400	39.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	400	43.	1
4-Bromophenyl phenyl ether	ND		ug/kg	400	61.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	480	69.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	430	40.	1
Hexachlorocyclopentadiene	ND		ug/kg	1200	360	1
Isophorone	ND		ug/kg	360	52.	1
Nitrobenzene	ND		ug/kg	360	60.	1
NDPA/DPA	ND		ug/kg	320	46.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	400	62.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	400	140	1
Butyl benzyl phthalate	ND		ug/kg	400	100	1
Di-n-butylphthalate	ND		ug/kg	400	76.	1
Di-n-octylphthalate	ND		ug/kg	400	140	1
Diethyl phthalate	ND		ug/kg	400	37.	1
Dimethyl phthalate	ND		ug/kg	400	84.	1
Biphenyl	ND		ug/kg	920	52.	1
Aniline	ND		ug/kg	480	190	1
4-Chloroaniline	ND		ug/kg	400	73.	1

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	400	78.	1
3-Nitroaniline	ND		ug/kg	400	76.	1
4-Nitroaniline	ND		ug/kg	400	170	1
Dibenzofuran	ND		ug/kg	400	38.	1
n-Nitrosodimethylamine	ND		ug/kg	800	77.	1
2,4,6-Trichlorophenol	ND		ug/kg	240	76.	1
p-Chloro-m-cresol	ND		ug/kg	400	60.	1
2-Chlorophenol	ND		ug/kg	400	48.	1
2,4-Dichlorophenol	ND		ug/kg	360	65.	1
2,4-Dimethylphenol	ND		ug/kg	400	130	1
2-Nitrophenol	ND		ug/kg	870	150	1
4-Nitrophenol	ND		ug/kg	560	160	1
2,4-Dinitrophenol	ND		ug/kg	1900	190	1
4,6-Dinitro-o-cresol	ND		ug/kg	1000	190	1
Phenol	ND		ug/kg	400	61.	1
2-Methylphenol	ND		ug/kg	400	62.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	580	63.	1
2,4,5-Trichlorophenol	ND		ug/kg	400	77.	1
Benzoic Acid	ND		ug/kg	1300	410	1
Benzyl Alcohol	ND		ug/kg	400	120	1
Carbazole	ND		ug/kg	400	39.	1
Pyridine	ND		ug/kg	430	150	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	94		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	91		18-120

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 15:30
 Analyst: DV
 Percent Solids: 41%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	16	3.4	1
2-Chloronaphthalene	ND		ug/kg	16	2.1	1
Fluoranthene	56		ug/kg	16	1.1	1
Hexachlorobutadiene	ND		ug/kg	16	2.2	1
Naphthalene	ND		ug/kg	16	2.9	1
Benzo(a)anthracene	34		ug/kg	16	1.5	1
Benzo(a)pyrene	36		ug/kg	16	1.9	1
Benzo(b)fluoranthene	38		ug/kg	16	1.5	1
Benzo(k)fluoranthene	13	J	ug/kg	16	1.4	1
Chrysene	33		ug/kg	16	1.2	1
Acenaphthylene	12	J	ug/kg	16	2.0	1
Anthracene	12	J	ug/kg	16	1.3	1
Benzo(ghi)perylene	30		ug/kg	16	1.4	1
Fluorene	3.4	J	ug/kg	16	1.9	1
Phenanthrene	24		ug/kg	16	1.4	1
Dibenzo(a,h)anthracene	4.8	J	ug/kg	16	1.6	1
Indeno(1,2,3-cd)Pyrene	28		ug/kg	16	1.9	1
Pyrene	54		ug/kg	16	1.1	1
1-Methylnaphthalene	ND		ug/kg	16	2.5	1
2-Methylnaphthalene	ND		ug/kg	16	4.6	1
Pentachlorophenol	ND		ug/kg	64	7.1	1
Hexachlorobenzene	ND		ug/kg	16	1.7	1
Hexachloroethane	ND		ug/kg	16	3.0	1

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	115		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
Aniline	ND		ug/kg	200	77.
4-Chloroaniline	ND		ug/kg	160	30.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Pyridine	ND		ug/kg	180	62.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1828959-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.85
Fluoranthene	2.6	J	ug/kg	6.6	0.46
Hexachlorobutadiene	ND		ug/kg	6.6	0.92
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.9	J	ug/kg	6.6	0.62
Benzo(a)pyrene	1.7	J	ug/kg	6.6	0.79
Benzo(b)fluoranthene	1.9	J	ug/kg	6.6	0.62
Benzo(k)fluoranthene	0.66	J	ug/kg	6.6	0.59
Chrysene	1.5	J	ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.52
Benzo(ghi)perylene	1.5	J	ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	0.79	J	ug/kg	6.6	0.66
Indeno(1,2,3-cd)Pyrene	1.8	J	ug/kg	6.6	0.79
Pyrene	2.2	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9
Pentachlorophenol	ND		ug/kg	26	2.9
Hexachlorobenzene	ND		ug/kg	6.6	0.69
Hexachloroethane	ND		ug/kg	6.6	1.2

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1828959-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Acenaphthene	68		65		31-137	5		50
Benzidine	42		37		10-66	13		50
1,2,4-Trichlorobenzene	77		73		38-107	5		50
Hexachlorobenzene	82		77		40-140	6		50
Bis(2-chloroethyl)ether	67		67		40-140	0		50
2-Chloronaphthalene	81		77		40-140	5		50
1,2-Dichlorobenzene	66		63		40-140	5		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	67		63		28-104	6		50
3,3'-Dichlorobenzidine	68		65		40-140	5		50
2,4-Dinitrotoluene	84		79		40-132	6		50
2,6-Dinitrotoluene	87		81		40-140	7		50
Azobenzene	75		72		40-140	4		50
Fluoranthene	77		73		40-140	5		50
4-Chlorophenyl phenyl ether	81		76		40-140	6		50
4-Bromophenyl phenyl ether	86		80		40-140	7		50
Bis(2-chloroisopropyl)ether	64		62		40-140	3		50
Bis(2-chloroethoxy)methane	72		68		40-117	6		50
Hexachlorobutadiene	89		85		40-140	5		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	70		67		40-140	4		50
Naphthalene	66		63		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Nitrobenzene	72		69		40-140	4		50
NDPA/DPA	75		72		36-157	4		50
n-Nitrosodi-n-propylamine	71		68		32-121	4		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		75		40-140	4		50
Di-n-butylphthalate	71		68		40-140	4		50
Di-n-octylphthalate	79		76		40-140	4		50
Diethyl phthalate	76		73		40-140	4		50
Dimethyl phthalate	78		75		40-140	4		50
Benzo(a)anthracene	75		72		40-140	4		50
Benzo(a)pyrene	77		75		40-140	3		50
Benzo(b)fluoranthene	71		69		40-140	3		50
Benzo(k)fluoranthene	72		68		40-140	6		50
Chrysene	74		71		40-140	4		50
Acenaphthylene	74		71		40-140	4		50
Anthracene	71		66		40-140	7		50
Benzo(ghi)perylene	70		66		40-140	6		50
Fluorene	75		72		40-140	4		50
Phenanthrene	69		66		40-140	4		50
Dibenzo(a,h)anthracene	68		65		40-140	5		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	78		74		35-142	5		50
Biphenyl	80		76		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Aniline	55		54		40-140	2		50
4-Chloroaniline	59		59		40-140	0		50
1-Methylnaphthalene	74		71		26-130	4		50
2-Nitroaniline	84		81		47-134	4		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	73		68		41-125	7		50
Dibenzofuran	74		72		40-140	3		50
2-Methylnaphthalene	71		68		40-140	4		50
n-Nitrosodimethylamine	67		64		22-100	5		50
2,4,6-Trichlorophenol	96		92		30-130	4		50
p-Chloro-m-cresol	76		74		26-103	3		50
2-Chlorophenol	69		66		25-102	4		50
2,4-Dichlorophenol	82		79		30-130	4		50
2,4-Dimethylphenol	72		67		30-130	7		50
2-Nitrophenol	80		75		30-130	6		50
4-Nitrophenol	91		85		11-114	7		50
2,4-Dinitrophenol	90		63		4-130	35		50
4,6-Dinitro-o-cresol	96		82		10-130	16		50
Pentachlorophenol	83		78		17-109	6		50
Phenol	70		65		26-90	7		50
2-Methylphenol	69		67		30-130.	3		50
3-Methylphenol/4-Methylphenol	69		66		30-130	4		50
2,4,5-Trichlorophenol	93		88		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Benzoic Acid	40		37		10-110	8		50
Benzyl Alcohol	73		69		40-140	6		50
Carbazole	69		64		54-128	8		50
Pyridine	46		43		10-93	7		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	74		70		25-120
Phenol-d6	76		71		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	82		78		30-120
2,4,6-Tribromophenol	88		79		10-136
4-Terphenyl-d14	75		68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1828959-2 WG1828959-3								
Acenaphthene	87		97		40-140	11		50
2-Chloronaphthalene	89		102		40-140	14		50
Fluoranthene	99		106		40-140	7		50
Hexachlorobutadiene	72		81		34-107	12		50
Naphthalene	86		97		40-140	12		50
Benzo(a)anthracene	98		114		40-140	15		50
Benzo(a)pyrene	105		119		40-140	13		50
Benzo(b)fluoranthene	105		110		40-140	5		50
Benzo(k)fluoranthene	86		104		40-140	19		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	105		118		40-140	12		50
Anthracene	96		104		40-140	8		50
Benzo(ghi)perylene	87		99		40-140	13		50
Fluorene	95		106		40-140	11		50
Phenanthrene	92		101		40-140	9		50
Dibenzo(a,h)anthracene	98		108		40-140	10		50
Indeno(1,2,3-cd)Pyrene	120		131		40-140	9		50
Pyrene	98		107		35-142	9		50
1-Methylnaphthalene	89		100		40-140	12		50
2-Methylnaphthalene	100		112		40-140	11		50
Pentachlorophenol	111	Q	119	Q	17-109	7		50
Hexachlorobenzene	67		75		40-140	11		50
Hexachloroethane	68		76		29-106	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1828959-2 WG1828959-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		102		25-120
Phenol-d6	102		113		10-120
Nitrobenzene-d5	115		127	Q	23-120
2-Fluorobiphenyl	89		99		30-120
2,4,6-Tribromophenol	78		86		10-136
4-Terphenyl-d14	98		106		18-120

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 00:16
 Analyst: BAD
 Percent Solids: 69%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.5

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	7.24	7.24	1
C9-C12 Aliphatics	ND		mg/kg	7.24	7.24	1
C9-C10 Aromatics	ND		mg/kg	7.24	7.24	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.24	7.24	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.24	7.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	141	Q	70-130
2,5-Dibromotoluene-FID	141	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 18:56
 Analyst: MTC
 Percent Solids: 69%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	9.40	9.40	1
C19-C36 Aliphatics	70.6		mg/kg	9.40	9.40	1
C11-C22 Aromatics	29.5		mg/kg	9.40	9.40	1
C11-C22 Aromatics, Adjusted	28.2		mg/kg	9.40	9.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	67		40-140
o-Terphenyl	87		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	81		40-140

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 00:46
 Analyst: BAD
 Percent Solids: 83%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.5

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	4.96	4.96	1
C9-C12 Aliphatics	ND		mg/kg	4.96	4.96	1
C9-C10 Aromatics	ND		mg/kg	4.96	4.96	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.96	4.96	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.96	4.96	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	152	Q	70-130
2,5-Dibromotoluene-FID	153	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 14:53
 Analyst: SC
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.86	7.86	1
C19-C36 Aliphatics	13.6		mg/kg	7.86	7.86	1
C11-C22 Aromatics	19.6		mg/kg	7.86	7.86	1
C11-C22 Aromatics, Adjusted	15.3		mg/kg	7.86	7.86	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	67		40-140
o-Terphenyl	71		40-140
2-Fluorobiphenyl	75		40-140
2-Bromonaphthalene	76		40-140

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 01:16
 Analyst: BAD
 Percent Solids: 83%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.6

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		mg/kg	4.76	4.76	1
C9-C12 Aliphatics	ND		mg/kg	4.76	4.76	1
C9-C10 Aromatics	ND		mg/kg	4.76	4.76	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.76	4.76	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.76	4.76	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	130		70-130
2,5-Dibromotoluene-FID	132	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03 D
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/21/23 19:19
 Analyst: CRE
 Percent Solids: 83%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/21/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	15.6	15.6	2
C19-C36 Aliphatics	30.4		mg/kg	15.6	15.6	2
C11-C22 Aromatics	358		mg/kg	15.6	15.6	2
C11-C22 Aromatics, Adjusted	186		mg/kg	15.6	15.6	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	86		40-140
2-Fluorobiphenyl	77		40-140
2-Bromonaphthalene	77		40-140

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 01:46
 Analyst: BAD
 Percent Solids: 70%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.4

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	7.36	7.36	1
C9-C12 Aliphatics	ND		mg/kg	7.36	7.36	1
C9-C10 Aromatics	ND		mg/kg	7.36	7.36	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.36	7.36	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.36	7.36	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	178	Q	70-130
2,5-Dibromotoluene-FID	180	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 14:28
 Analyst: CRE
 Percent Solids: 70%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	9.09	9.09	1
C19-C36 Aliphatics	ND		mg/kg	9.09	9.09	1
C11-C22 Aromatics	45.6		mg/kg	9.09	9.09	1
C11-C22 Aromatics, Adjusted	28.7		mg/kg	9.09	9.09	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	78		40-140
2-Fluorobiphenyl	82		40-140
2-Bromonaphthalene	84		40-140

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 02:16
 Analyst: BAD
 Percent Solids: 89%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.4

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	4.58	4.58	1
C9-C12 Aliphatics	ND		mg/kg	4.58	4.58	1
C9-C10 Aromatics	ND		mg/kg	4.58	4.58	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.58	4.58	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.58	4.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	138	Q	70-130
2,5-Dibromotoluene-FID	139	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 14:50
 Analyst: SC
 Percent Solids: 89%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.38	7.38	1
C19-C36 Aliphatics	ND		mg/kg	7.38	7.38	1
C11-C22 Aromatics	ND		mg/kg	7.38	7.38	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.38	7.38	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	86		40-140
2-Fluorobiphenyl	79		40-140
2-Bromonaphthalene	79		40-140

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 02:46
 Analyst: BAD
 Percent Solids: 41%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	17.5	17.5	1
C9-C12 Aliphatics	ND		mg/kg	17.5	17.5	1
C9-C10 Aromatics	ND		mg/kg	17.5	17.5	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	17.5	17.5	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	17.5	17.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	182	Q	70-130
2,5-Dibromotoluene-FID	183	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 11:06
 Analyst: SC
 Percent Solids: 41%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	16.0	16.0	1
C19-C36 Aliphatics	ND		mg/kg	16.0	16.0	1
C11-C22 Aromatics	ND		mg/kg	16.0	16.0	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	16.0	16.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	70		40-140
o-Terphenyl	71		40-140
2-Fluorobiphenyl	71		40-140
2-Bromonaphthalene	71		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/20/23 10:41
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/19/23 02:02
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG1828966-1					
C9-C18 Aliphatics	ND		mg/kg	6.51	6.51
C19-C36 Aliphatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.51	6.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	73		40-140
2-Bromonaphthalene	73		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/26/23 19:15
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG1833143-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics	ND		mg/kg	5.00	5.00
C9-C10 Aromatics	ND		mg/kg	5.00	5.00
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1828966-2 WG1828966-3								
C9-C18 Aliphatics	58		56		40-140	4		25
C19-C36 Aliphatics	70		64		40-140	9		25
C11-C22 Aromatics	77		71		40-140	8		25
Naphthalene	67		64		40-140	5		25
2-Methylnaphthalene	70		67		40-140	4		25
Acenaphthylene	65		62		40-140	5		25
Acenaphthene	70		66		40-140	6		25
Fluorene	74		69		40-140	7		25
Phenanthrene	75		69		40-140	8		25
Anthracene	74		68		40-140	8		25
Fluoranthene	74		68		40-140	8		25
Pyrene	76		70		40-140	8		25
Benzo(a)anthracene	75		69		40-140	8		25
Chrysene	78		71		40-140	9		25
Benzo(b)fluoranthene	72		67		40-140	7		25
Benzo(k)fluoranthene	69		64		40-140	8		25
Benzo(a)pyrene	76		70		40-140	8		25
Indeno(1,2,3-cd)Pyrene	73		68		40-140	7		25
Dibenzo(a,h)anthracene	71		66		40-140	7		25
Benzo(ghi)perylene	69		65		40-140	6		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1828966-2 WG1828966-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	58		56		40-140
o-Terphenyl	70		64		40-140
2-Fluorobiphenyl	71		71		40-140
2-Bromonaphthalene	71		72		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1833143-2 WG1833143-3									
C5-C8 Aliphatics	90		90		70-130	0		25	
C9-C12 Aliphatics	103		104		70-130	1		25	
C9-C10 Aromatics	107		108		70-130	1		25	
Benzene	103		104		70-130	1		25	
Toluene	105		106		70-130	1		25	
Ethylbenzene	106		106		70-130	0		25	
p/m-Xylene	104		105		70-130	1		25	
o-Xylene	106		106		70-130	0		25	
Methyl tert butyl ether	109		108		70-130	1		25	
Naphthalene	114		110		70-130	4		25	
1,2,4-Trimethylbenzene	107		108		70-130	1		25	
Pentane	77		76		70-130	1		25	
2-Methylpentane	92		92		70-130	0		25	
2,2,4-Trimethylpentane	101		101		70-130	0		25	
n-Nonane	101		102		30-130	1		25	
n-Decane	103		105		70-130	2		25	
n-Butylcyclohexane	104		105		70-130	1		25	

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2,5-Dibromotoluene-PID	109		109		70-130
2,5-Dibromotoluene-FID	106		107		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 13:35
 Analyst: ER
 Percent Solids: 69%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.4	6.28	1	A
Aroclor 1221	ND		ug/kg	42.4	7.09	1	A
Aroclor 1232	ND		ug/kg	42.4	15.0	1	A
Aroclor 1242	ND		ug/kg	42.4	9.54	1	A
Aroclor 1248	ND		ug/kg	28.3	10.6	1	A
Aroclor 1254	ND		ug/kg	42.4	7.74	1	A
Aroclor 1260	539		ug/kg	28.3	13.1	1	A
Aroclor 1262	ND		ug/kg	14.2	8.99	1	A
Aroclor 1268	ND		ug/kg	14.2	7.33	1	A
PCBs, Total	539		ug/kg	14.2	6.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-02
 Client ID: SD-401
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/22/23 16:51
 Analyst: MEO
 Percent Solids: 83%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.7	5.28	1	A
Aroclor 1221	ND		ug/kg	35.7	5.96	1	A
Aroclor 1232	ND		ug/kg	35.7	12.6	1	A
Aroclor 1242	ND		ug/kg	35.7	8.02	1	A
Aroclor 1248	ND		ug/kg	23.8	8.92	1	A
Aroclor 1254	8.88	J	ug/kg	35.7	6.51	1	A
Aroclor 1260	15.2	J	ug/kg	23.8	11.0	1	A
Aroclor 1262	ND		ug/kg	11.9	7.56	1	A
Aroclor 1268	7.69	J	ug/kg	11.9	6.16	1	B
PCBs, Total	31.8	J	ug/kg	11.9	5.28	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-03
 Client ID: SD-412
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 13:54
 Analyst: ER
 Percent Solids: 83%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	4.94	1	A
Aroclor 1221	ND		ug/kg	33.4	5.57	1	A
Aroclor 1232	ND		ug/kg	33.4	11.8	1	A
Aroclor 1242	ND		ug/kg	33.4	7.50	1	A
Aroclor 1248	ND		ug/kg	22.2	8.34	1	A
Aroclor 1254	ND		ug/kg	33.4	6.08	1	A
Aroclor 1260	30.7		ug/kg	22.2	10.3	1	A
Aroclor 1262	ND		ug/kg	11.1	7.06	1	A
Aroclor 1268	ND		ug/kg	11.1	5.76	1	A
PCBs, Total	30.7		ug/kg	11.1	4.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-04
 Client ID: SD-416
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:49
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 14:04
 Analyst: ER
 Percent Solids: 70%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.8	6.33	1	A
Aroclor 1221	ND		ug/kg	42.8	7.15	1	A
Aroclor 1232	ND		ug/kg	42.8	15.1	1	A
Aroclor 1242	ND		ug/kg	42.8	9.61	1	A
Aroclor 1248	ND		ug/kg	28.5	10.7	1	A
Aroclor 1254	ND		ug/kg	42.8	7.80	1	A
Aroclor 1260	26.6	J	ug/kg	28.5	13.2	1	A
Aroclor 1262	ND		ug/kg	14.3	9.06	1	A
Aroclor 1268	ND		ug/kg	14.3	7.39	1	A
PCBs, Total	26.6	J	ug/kg	14.3	6.33	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05
 Client ID: SD-407
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 16:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 14:14
 Analyst: ER
 Percent Solids: 89%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	31.4	4.65	1	A
Aroclor 1221	ND		ug/kg	31.4	5.25	1	A
Aroclor 1232	ND		ug/kg	31.4	11.1	1	A
Aroclor 1242	ND		ug/kg	31.4	7.06	1	A
Aroclor 1248	ND		ug/kg	21.0	7.86	1	A
Aroclor 1254	ND		ug/kg	31.4	5.73	1	A
Aroclor 1260	ND		ug/kg	21.0	9.68	1	A
Aroclor 1262	ND		ug/kg	10.5	6.65	1	A
Aroclor 1268	ND		ug/kg	10.5	5.43	1	A
PCBs, Total	ND		ug/kg	10.5	4.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-06
 Client ID: BKD-SED-001
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 15:00
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 14:24
 Analyst: ER
 Percent Solids: 41%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	71.0	10.5	1	A
Aroclor 1221	ND		ug/kg	71.0	11.9	1	A
Aroclor 1232	ND		ug/kg	71.0	25.1	1	A
Aroclor 1242	ND		ug/kg	71.0	16.0	1	A
Aroclor 1248	ND		ug/kg	47.4	17.8	1	A
Aroclor 1254	ND		ug/kg	71.0	13.0	1	A
Aroclor 1260	ND		ug/kg	47.4	21.9	1	A
Aroclor 1262	ND		ug/kg	23.7	15.0	1	A
Aroclor 1268	ND		ug/kg	23.7	12.3	1	A
PCBs, Total	ND		ug/kg	23.7	10.5	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:35
Analyst: ER

Extraction Method: EPA 3540C
Extraction Date: 09/15/23 15:40
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1827993-1						
Aroclor 1016	ND		ug/kg	29.4	4.35	A
Aroclor 1221	ND		ug/kg	29.4	4.91	A
Aroclor 1232	ND		ug/kg	29.4	10.4	A
Aroclor 1242	ND		ug/kg	29.4	6.61	A
Aroclor 1248	ND		ug/kg	19.6	7.35	A
Aroclor 1254	ND		ug/kg	29.4	5.36	A
Aroclor 1260	ND		ug/kg	19.6	9.06	A
Aroclor 1262	ND		ug/kg	9.80	6.22	A
Aroclor 1268	ND		ug/kg	9.80	5.08	A
PCBs, Total	ND		ug/kg	9.80	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1827993-2 WG1827993-3									
Aroclor 1016	70		73		40-140	4		50	A
Aroclor 1260	69		70		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	A
Decachlorobiphenyl	78		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	77		75		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-01
 Client ID: SD-406
 Sample Location: WISCASSETT MAINE

Date Collected: 09/12/23 14:35
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6700		mg/kg	140	21.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Antimony, Total	2.2	J	mg/kg	2.3	0.19	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Arsenic, Total	13		mg/kg	0.71	0.09	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Barium, Total	32		mg/kg	4.2	0.30	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.28	J	mg/kg	0.42	0.12	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.76		mg/kg	0.28	0.04	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Calcium, Total	1900		mg/kg	710	86.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Chromium, Total	37		mg/kg	2.8	0.66	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Cobalt, Total	12		mg/kg	0.71	0.08	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Copper, Total	290		mg/kg	2.8	0.27	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Iron, Total	120000		mg/kg	280	29.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Lead, Total	77		mg/kg	0.85	0.21	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Magnesium, Total	5300		mg/kg	140	17.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Manganese, Total	760		mg/kg	2.8	0.63	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Mercury, Total	0.352		mg/kg	0.098	0.064	1	09/22/23 01:13	09/24/23 18:19	EPA 7471B	1,7471B	DJR
Nickel, Total	230		mg/kg	1.4	0.38	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Potassium, Total	1800		mg/kg	140	22.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Selenium, Total	2.1	J	mg/kg	2.8	1.1	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Silver, Total	0.17	J	mg/kg	0.71	0.07	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Sodium, Total	960		mg/kg	210	16.	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Thallium, Total	0.09	J	mg/kg	0.56	0.07	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Vanadium, Total	4000		mg/kg	1.4	0.54	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF
Zinc, Total	260		mg/kg	14	3.7	10	09/22/23 00:21	09/26/23 19:39	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-02

Date Collected: 09/12/23 14:20

Client ID: SD-401

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7000		mg/kg	110	17.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Antimony, Total	0.64	J	mg/kg	1.8	0.15	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Arsenic, Total	14		mg/kg	0.57	0.08	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Barium, Total	26		mg/kg	3.4	0.24	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.29	J	mg/kg	0.34	0.10	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.08	J	mg/kg	0.23	0.03	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Calcium, Total	2700		mg/kg	570	69.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Chromium, Total	56		mg/kg	2.3	0.53	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Cobalt, Total	9.6		mg/kg	0.57	0.06	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Copper, Total	170		mg/kg	2.3	0.22	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Iron, Total	52000		mg/kg	230	23.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Lead, Total	29		mg/kg	0.68	0.16	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Magnesium, Total	6800		mg/kg	110	14.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Manganese, Total	570		mg/kg	2.3	0.50	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.085	0.055	1	09/22/23 01:13	09/24/23 18:29	EPA 7471B	1,7471B	DJR
Nickel, Total	240		mg/kg	1.1	0.30	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Potassium, Total	2100		mg/kg	110	18.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Selenium, Total	2.2	J	mg/kg	2.3	0.86	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Silver, Total	0.07	J	mg/kg	0.57	0.06	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Sodium, Total	2600		mg/kg	170	13.	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Thallium, Total	0.14	J	mg/kg	0.45	0.06	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Vanadium, Total	260		mg/kg	1.1	0.43	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF
Zinc, Total	95		mg/kg	11	3.0	10	09/22/23 00:21	09/26/23 19:54	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-03

Date Collected: 09/12/23 15:50

Client ID: SD-412

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6300		mg/kg	110	17.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Antimony, Total	0.18	J	mg/kg	1.8	0.16	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Arsenic, Total	6.5		mg/kg	0.57	0.08	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Barium, Total	22		mg/kg	3.4	0.24	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.24	J	mg/kg	0.34	0.10	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.07	J	mg/kg	0.23	0.03	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Calcium, Total	2700		mg/kg	570	70.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Chromium, Total	26		mg/kg	2.3	0.54	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Cobalt, Total	3.8		mg/kg	0.57	0.06	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Copper, Total	24		mg/kg	2.3	0.22	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Iron, Total	12000		mg/kg	230	24.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Lead, Total	17		mg/kg	0.69	0.17	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Magnesium, Total	3400		mg/kg	110	14.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Manganese, Total	200		mg/kg	2.3	0.51	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.076	0.049	1	09/22/23 01:13	09/24/23 18:32	EPA 7471B	1,7471B	DJR
Nickel, Total	22		mg/kg	1.1	0.31	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Potassium, Total	1600		mg/kg	110	18.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Selenium, Total	1.6	J	mg/kg	2.3	0.87	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	0.57	0.06	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Sodium, Total	1700		mg/kg	170	13.	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Thallium, Total	0.09	J	mg/kg	0.46	0.06	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Vanadium, Total	45		mg/kg	1.1	0.43	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF
Zinc, Total	78		mg/kg	11	3.0	10	09/22/23 00:21	09/26/23 19:59	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-04

Date Collected: 09/12/23 15:49

Client ID: SD-416

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6400		mg/kg	140	20.	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Antimony, Total	2.9		mg/kg	2.2	0.18	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Arsenic, Total	25		mg/kg	0.68	0.09	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Barium, Total	29		mg/kg	4.1	0.29	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.30	J	mg/kg	0.41	0.12	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.41		mg/kg	0.27	0.04	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Calcium, Total	8600		mg/kg	680	83.	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Chromium, Total	82		mg/kg	2.7	0.64	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Cobalt, Total	23		mg/kg	0.68	0.07	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Copper, Total	520		mg/kg	2.7	0.26	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Iron, Total	350000		mg/kg	2700	280	100	09/22/23 00:21	09/26/23 21:46	EPA 3050B	1,6020B	EJF
Lead, Total	260		mg/kg	0.82	0.20	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Magnesium, Total	4800		mg/kg	140	17.	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Manganese, Total	1000		mg/kg	2.7	0.60	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.092	0.060	1	09/22/23 01:13	09/24/23 18:35	EPA 7471B	1,7471B	DJR
Nickel, Total	780		mg/kg	1.4	0.36	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Potassium, Total	2200		mg/kg	140	22.	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Selenium, Total	1.6	J	mg/kg	2.7	1.0	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Silver, Total	0.07	J	mg/kg	0.68	0.07	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Sodium, Total	2100		mg/kg	200	16.	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Thallium, Total	0.11	J	mg/kg	0.54	0.07	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Vanadium, Total	86		mg/kg	1.4	0.52	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF
Zinc, Total	97		mg/kg	14	3.5	10	09/22/23 00:21	09/26/23 20:05	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-05

Date Collected: 09/12/23 16:00

Client ID: SD-407

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7800		mg/kg	110	16.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Antimony, Total	0.88	J	mg/kg	1.7	0.15	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Arsenic, Total	13		mg/kg	0.54	0.07	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Barium, Total	32		mg/kg	3.2	0.23	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.35		mg/kg	0.32	0.09	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.12	J	mg/kg	0.22	0.03	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Calcium, Total	5300		mg/kg	540	66.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Chromium, Total	31		mg/kg	2.2	0.51	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Cobalt, Total	14		mg/kg	0.54	0.06	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Copper, Total	67		mg/kg	2.2	0.21	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Iron, Total	54000		mg/kg	220	22.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Lead, Total	46		mg/kg	0.65	0.16	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Magnesium, Total	5000		mg/kg	110	13.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Manganese, Total	500		mg/kg	2.2	0.48	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.073	0.048	1	09/22/23 01:13	09/24/23 18:39	EPA 7471B	1,7471B	DJR
Nickel, Total	91		mg/kg	1.1	0.29	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Potassium, Total	2100		mg/kg	110	17.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Selenium, Total	2.1	J	mg/kg	2.2	0.82	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	0.54	0.05	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Sodium, Total	950		mg/kg	160	13.	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Thallium, Total	0.13	J	mg/kg	0.43	0.06	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Vanadium, Total	57		mg/kg	1.1	0.41	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF
Zinc, Total	56		mg/kg	11	2.8	10	09/22/23 00:21	09/26/23 20:10	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-06

Date Collected: 09/12/23 15:00

Client ID: BKD-SED-001

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 41%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	240	35.	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Antimony, Total	ND		mg/kg	3.8	0.32	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Arsenic, Total	13		mg/kg	1.2	0.16	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Barium, Total	36		mg/kg	7.0	0.50	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.55	J	mg/kg	0.70	0.20	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.20	J	mg/kg	0.47	0.06	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Calcium, Total	3700		mg/kg	1200	140	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Chromium, Total	40		mg/kg	4.7	1.1	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Cobalt, Total	7.4		mg/kg	1.2	0.12	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Copper, Total	13		mg/kg	4.7	0.46	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Iron, Total	21000		mg/kg	470	48.	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Lead, Total	21		mg/kg	1.4	0.34	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Magnesium, Total	7500		mg/kg	240	29.	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Manganese, Total	330		mg/kg	4.7	1.0	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Mercury, Total	0.112	J	mg/kg	0.168	0.110	1	09/22/23 01:13	09/24/23 18:42	EPA 7471B	1,7471B	DJR
Nickel, Total	22		mg/kg	2.4	0.63	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Potassium, Total	3800		mg/kg	240	37.	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Selenium, Total	4.0	J	mg/kg	4.7	1.8	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	1.2	0.11	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Sodium, Total	12000		mg/kg	350	28.	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Thallium, Total	0.19	J	mg/kg	0.94	0.12	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Vanadium, Total	40		mg/kg	2.4	0.89	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF
Zinc, Total	63		mg/kg	24	6.1	10	09/22/23 00:21	09/26/23 20:15	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1828012-1									
Aluminum, Total	ND	mg/kg	100	15.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Antimony, Total	ND	mg/kg	1.6	0.14	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Arsenic, Total	ND	mg/kg	0.50	0.07	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Barium, Total	ND	mg/kg	3.0	0.21	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Beryllium, Total	ND	mg/kg	0.30	0.09	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Cadmium, Total	ND	mg/kg	0.20	0.03	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Calcium, Total	ND	mg/kg	500	61.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Chromium, Total	ND	mg/kg	2.0	0.47	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Cobalt, Total	ND	mg/kg	0.50	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Copper, Total	ND	mg/kg	2.0	0.19	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Iron, Total	ND	mg/kg	200	21.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Lead, Total	ND	mg/kg	0.60	0.15	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Magnesium, Total	ND	mg/kg	100	12.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Manganese, Total	ND	mg/kg	2.0	0.44	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Nickel, Total	ND	mg/kg	1.0	0.27	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Potassium, Total	ND	mg/kg	100	16.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Selenium, Total	ND	mg/kg	2.0	0.76	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Silver, Total	ND	mg/kg	0.50	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Sodium, Total	ND	mg/kg	150	12.	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Thallium, Total	ND	mg/kg	0.40	0.05	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Vanadium, Total	ND	mg/kg	1.0	0.38	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF
Zinc, Total	ND	mg/kg	10	2.6	10	09/22/23 00:21	09/26/23 18:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1828013-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/22/23 01:13	09/24/23 17:29	1,7471B	DJR



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828012-2 SRM Lot Number: D119-540								
Aluminum, Total	92		-		48-152	-		20
Antimony, Total	108		-		10-190	-		20
Arsenic, Total	104		-		83-117	-		20
Barium, Total	101		-		82-118	-		20
Beryllium, Total	103		-		83-117	-		20
Cadmium, Total	104		-		82-117	-		20
Calcium, Total	104		-		81-118	-		20
Chromium, Total	105		-		82-119	-		20
Cobalt, Total	103		-		83-117	-		20
Copper, Total	103		-		84-116	-		20
Iron, Total	121		-		60-140	-		20
Lead, Total	109		-		82-118	-		20
Magnesium, Total	105		-		76-124	-		20
Manganese, Total	108		-		82-118	-		20
Nickel, Total	106		-		82-117	-		20
Potassium, Total	94		-		70-130	-		20
Selenium, Total	101		-		79-121	-		20
Silver, Total	112		-		80-120	-		20
Sodium, Total	111		-		74-126	-		20
Thallium, Total	106		-		81-119	-		20
Vanadium, Total	107		-		79-121	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828012-2 SRM Lot Number: D119-540					
Zinc, Total	107	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828013-2 SRM Lot Number: D119-540					
Mercury, Total	100	-	73-127	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-01

Date Collected: 09/12/23 14:35

Client ID: SD-406

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.27		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	2.28		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	2.27		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	68.6		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-02

Date Collected: 09/12/23 14:20

Client ID: SD-401

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	1.46		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SP
Total Organic Carbon (Rep2)	1.98		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SP
Total Organic Carbon (Average)	1.72		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SP
General Chemistry - Westborough Lab										
Solids, Total	83.2		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-03

Date Collected: 09/12/23 15:50

Client ID: SD-412

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	1.00		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	1.45		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	1.22		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-04

Date Collected: 09/12/23 15:49

Client ID: SD-416

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.25		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	1.97		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	2.11		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	70.1		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**SAMPLE RESULTS**

Lab ID: L2353698-05

Date Collected: 09/12/23 16:00

Client ID: SD-407

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.455		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	0.352		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	0.404		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

SAMPLE RESULTS

Lab ID: L2353698-06

Date Collected: 09/12/23 15:00

Client ID: BKD-SED-001

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.24		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	2.37		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	2.30		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	40.6		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1827837-2										
Solids, Total	100		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI
Total Organic Carbon - Mansfield Lab for sample(s): 01-06 Batch: WG1833428-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-06 Batch: WG1833428-2								
Total Organic Carbon (Rep1)	97		-		75-125	-		25
Total Organic Carbon (Rep2)	107		-		75-125	-		25
Total Organic Carbon (Average)	102		-		75-125	-		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353698

Report Date: 11/13/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-06 QC Batch ID: WG1827837-1 QC Sample: L2353698-01 Client ID: SD-406						
Solids, Total	68.6	67.0	%	2		20

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353698-01A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-01B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-01C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-01D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)
L2353698-01E	Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),A2-TOC-9060-2REPS(28),CO-6020T(180)
L2353698-01F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-01G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353698-02A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-02B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-02C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-02D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)
L2353698-02E	Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),A2-TOC-9060-2REPS(28),AL-6020T(180),AG-6020T(180),MG-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2353698-02F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-02G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

Project Name: MASON STATION

Lab Number: L2353698

Project Number: Not Specified

Report Date: 11/13/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353698-03A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-03B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-03C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-03D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)
L2353698-03E	Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),A2-TOC-9060-2REPS(28),CO-6020T(180)
L2353698-03F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-03G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353698-04A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-04B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-04C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-04D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)
L2353698-04E	Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),A2-TOC-9060-2REPS(28),AG-6020T(180),CO-6020T(180)
L2353698-04F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-04G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353698-05A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-05B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-05C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-05D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:11132314:38
Lab Number: L2353698
Report Date: 11/13/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353698-05E	Glass 60mL/2oz unpreserved	A	NA		5.2	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),A2-TOC-9060-2REPS(28),CO-6020T(180)
L2353698-05F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-05G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353698-06A	Vial MeOH preserved	A	NA		5.2	Y	Absent		8260HLW(14),VPH-18(28)
L2353698-06B	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-06C	Vial water preserved	A	NA		5.2	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353698-06D	Plastic 2oz unpreserved for TS	A	NA		5.2	Y	Absent		ME-TS-2540(7)
L2353698-06E	Glass 60ml unpreserved split	A	NA		5.2	Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),A2-TOC-9060-2REPS(28),AL-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2353698-06F	Glass 250ml/8oz unpreserved	A	NA		5.2	Y	Absent		SUB-ASBESTOS()
L2353698-06G	Glass 500ml/16oz unpreserved	A	NA		5.2	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353698
Report Date: 11/13/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353698**Project Number:** Not Specified**Report Date:** 11/13/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2353698



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3288

Client Information

Client: Maine DEP

Address: 17 State House Station

Phone: 207-441-2181

Fax:

Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/14/23 ALPHA Job #: RENOZ

Report Information Data Deliverables Billing Information

FAX EMAIL Same as Client info PO #:
 ADEx Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

	VOC's EPA 8260D/5035 High Low	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Organic Carbon - EPA 9060A	PCB's - EPA 8082A Low Level	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - PLM (Subcontract)	Total Solids - SM 2540
53698-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TOTAL # BOTTLES

SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53698-01	SD-405	9/12/23	1435	SD	LMR
02	SD-401	9/12/23	1420	SD	AB
03	SD-412	9/12/23	1550	SD	LMR
04	SD-416	9/12/23	1549	SD	LMR
05	SD-407	9/12/23	1600	SD	EFW
06	BKD-SED-001	9/12/23	1500	SD	PD

Container Type	V	G	G	G	V	G	G	G	G	G	P	-
Preservative	O	A	A	A	F	A	A	A	A	A	A	-

Relinquished By: *[Signature]* Date/Time: 9/12/23 1735
 Received By: *[Signature]* Date/Time: 9/14/23 1405
[Signature] 9/14/23 1405 *[Signature]* 9/14/23 1405
[Signature] 9/14/23 1515 *[Signature]* 9/14/23 1515
[Signature] 9/14/23 1515 *[Signature]* 9/14/23 1515

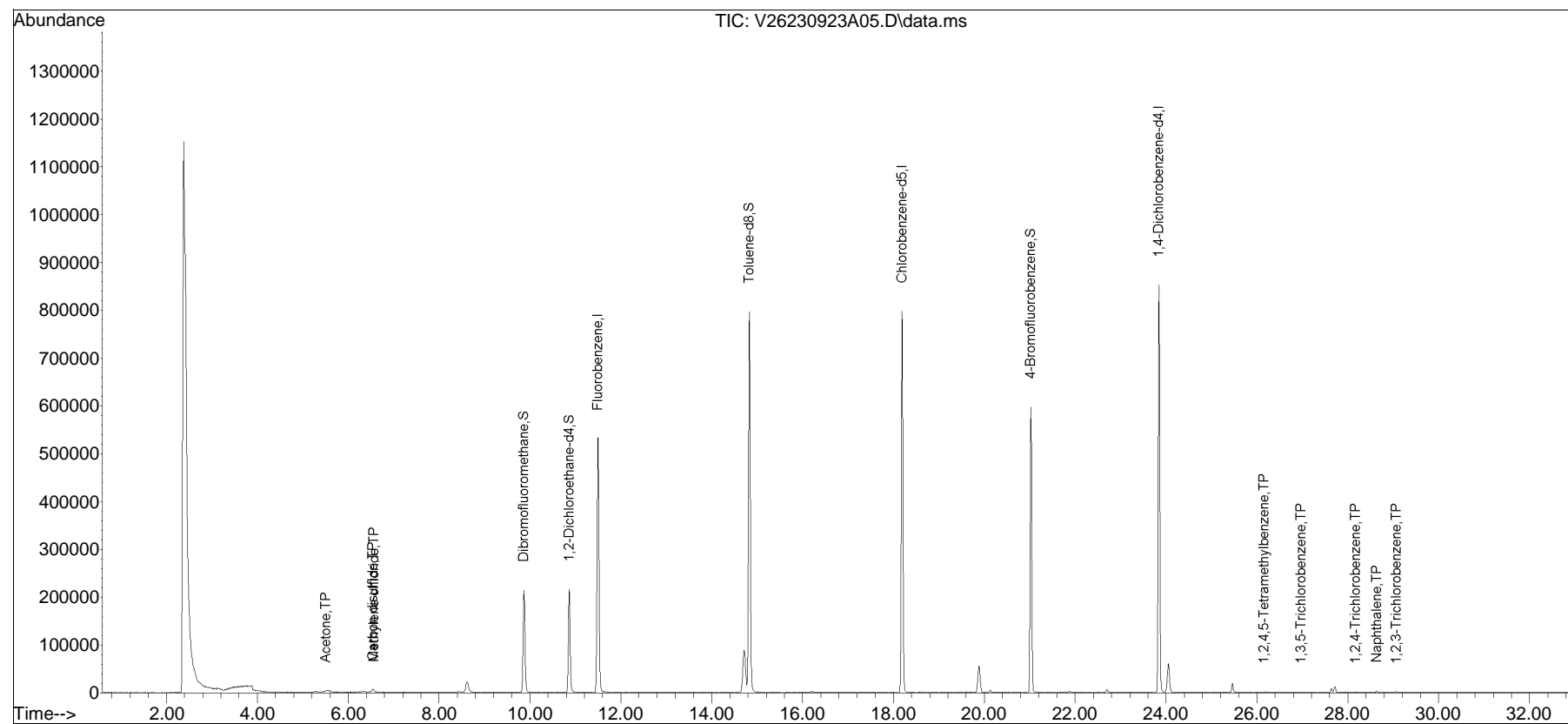
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA126\2023\230923A\
Data File : V26230923A05.D
Acq On : 23 Sep 2023 10:48 am
Operator : VOA126:LAC
Sample : WG1832249-5,31H,15,15,0.1
Misc : WG1832249,ICAL20309
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 11:53:43 2023
Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 12:38:38 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

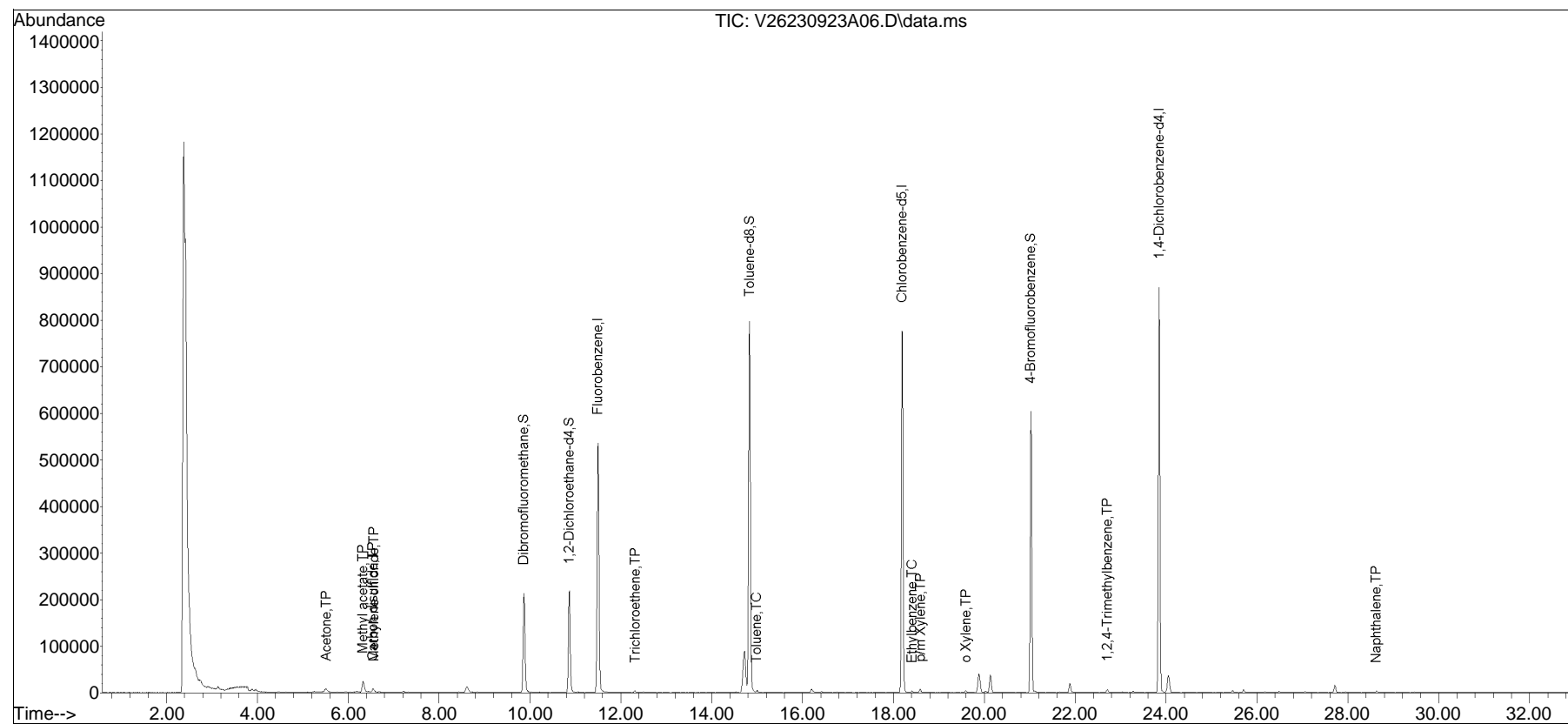


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
 Data File : V26230923A06.D
 Acq On : 23 Sep 2023 11:27 am
 Operator : VOA126:AJK
 Sample : 12353698-01,31h,22.07,15,0.100,,a
 Misc : WG1832249,ICAL20309
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 25 11:05:15 2023
 Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

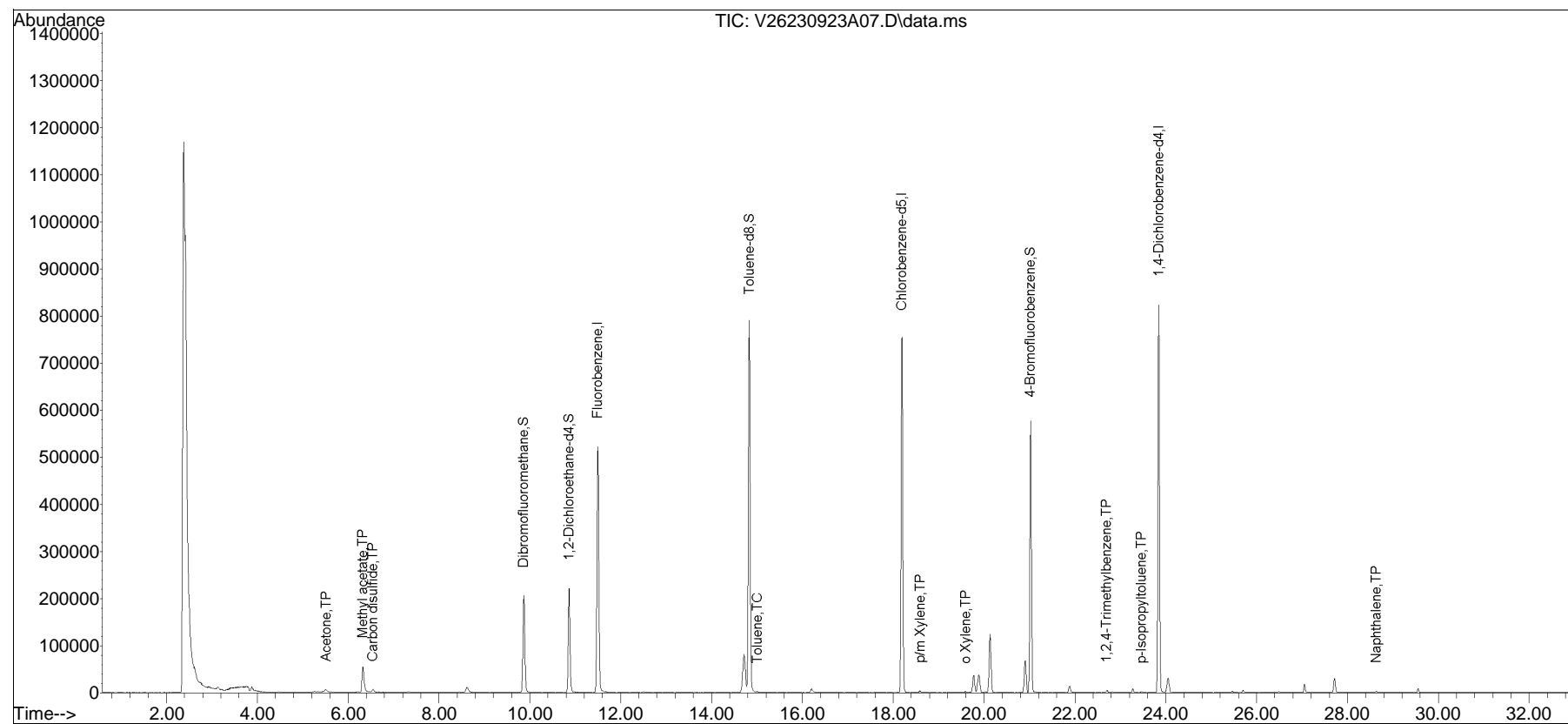


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
Data File : V26230923A07.D
Acq On : 23 Sep 2023 12:06 pm
Operator : VOA126:AJK
Sample : L2353698-02,31H,22.83,15,0.100,,A
Misc : WG1832249,ICAL20309
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 11:06:52 2023
Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 12:38:38 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

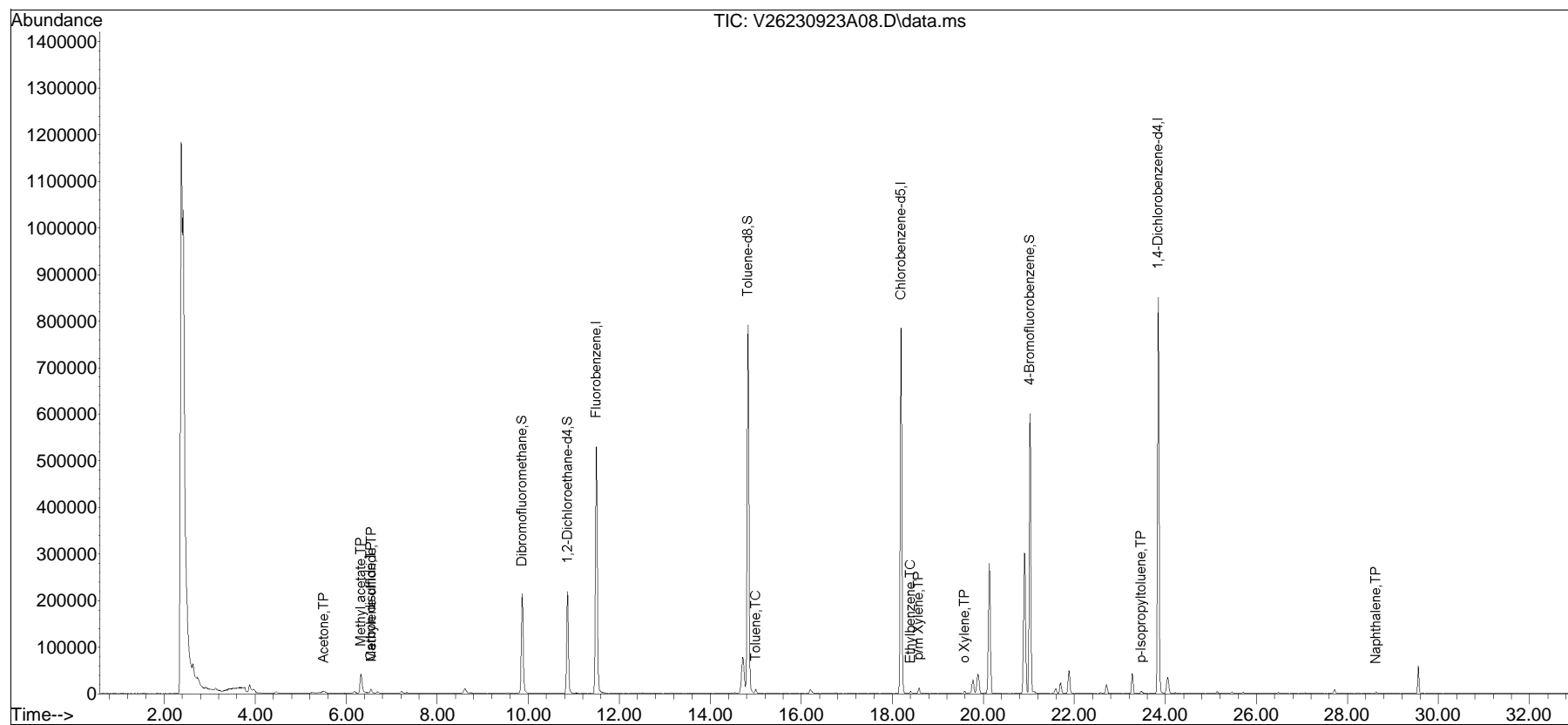


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
 Data File : V26230923A08.D
 Acq On : 23 Sep 2023 12:45 pm
 Operator : VOA126:AJK
 Sample : 12353698-03,31h,24.56,15,0.100,,a
 Misc : WG1832249,ICAL20309
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 25 11:07:34 2023
 Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

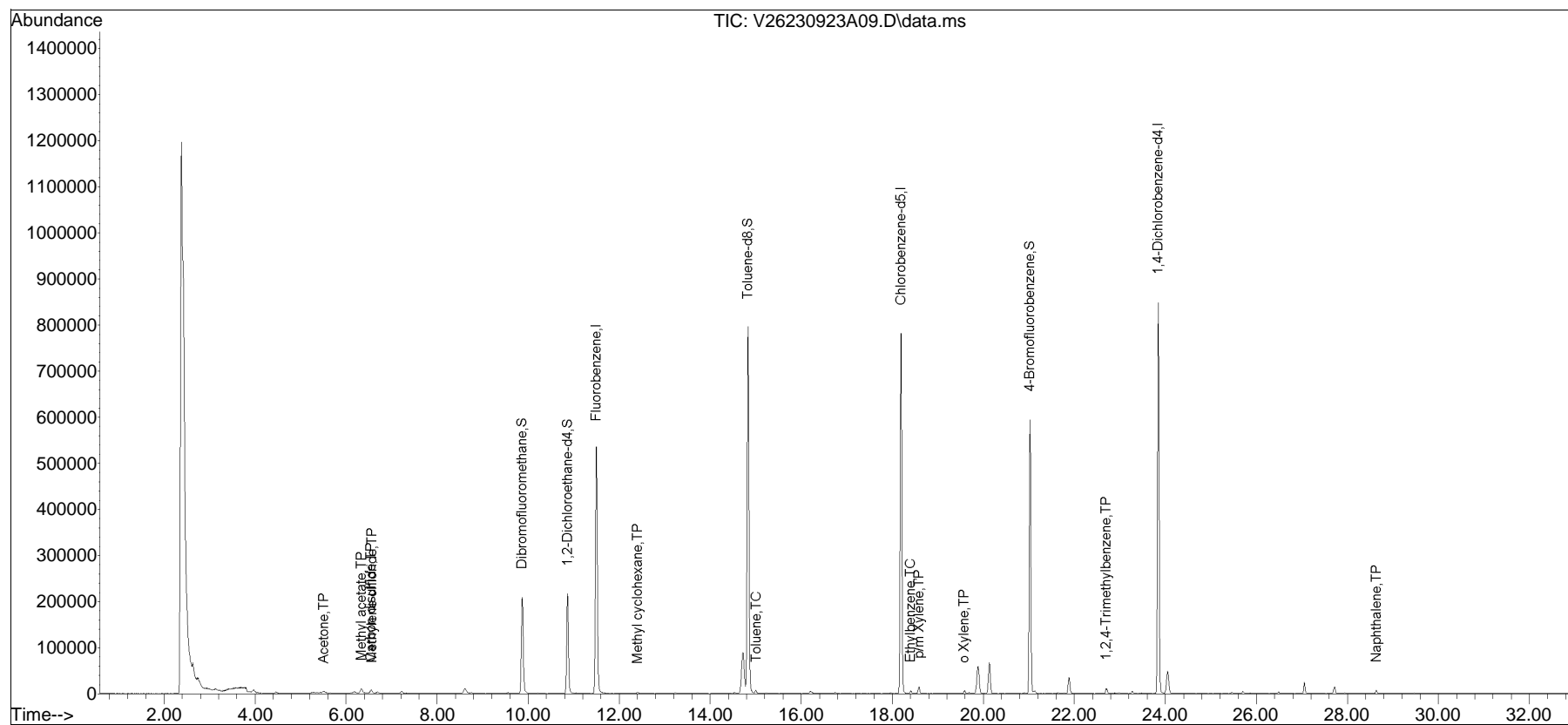


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
 Data File : V26230923A09.D
 Acq On : 23 Sep 2023 01:24 pm
 Operator : VOA126:AJK
 Sample : L2353698-04,31H,20.48,15,0.100,,A
 Misc : WG1832249,ICAL20309
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 25 11:08:24 2023
 Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

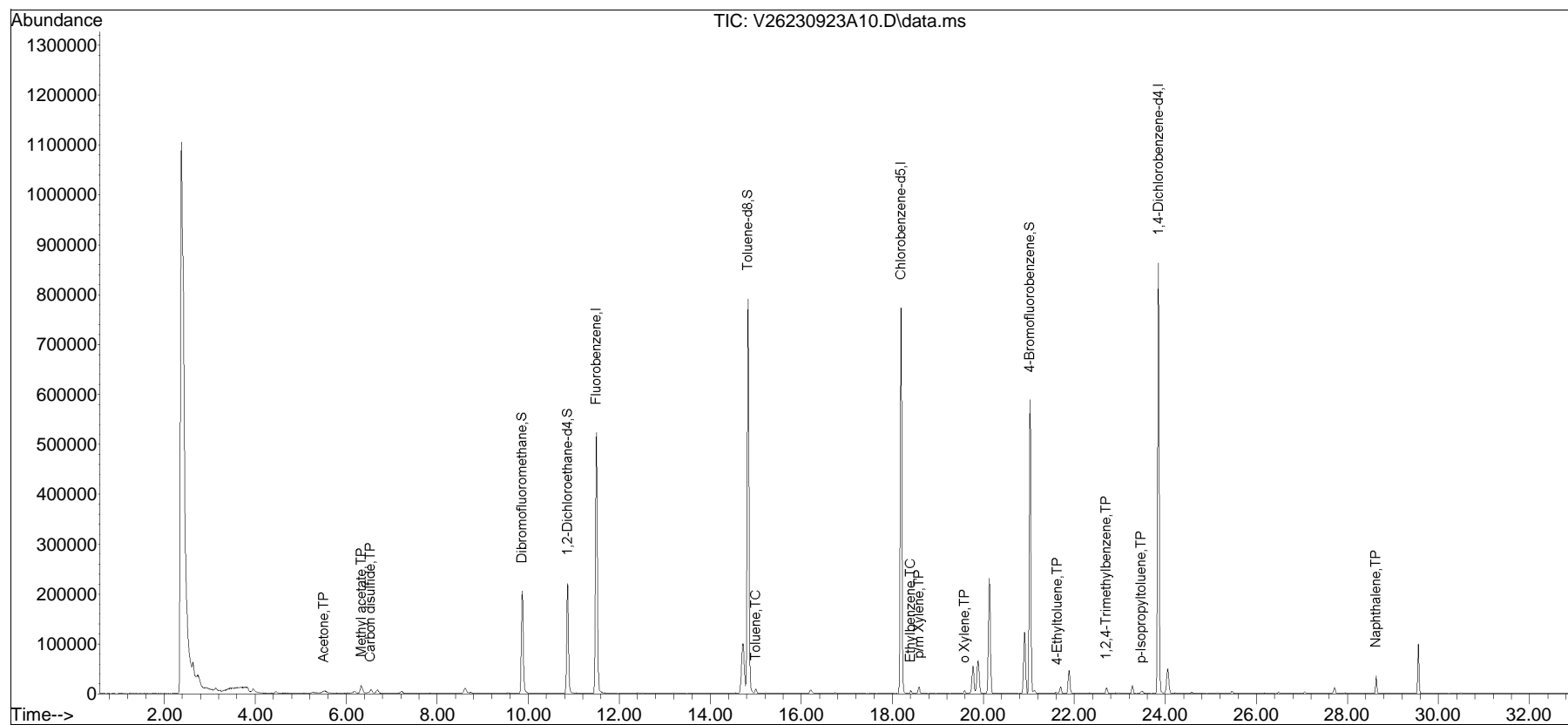


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
Data File : V26230923A10.D
Acq On : 23 Sep 2023 02:03 pm
Operator : VOA126:AJK
Sample : L2353698-05,31H,21.18,15,0.100,,A
Misc : WG1832249,ICAL20309
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 25 11:09:06 2023
Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 12:38:38 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

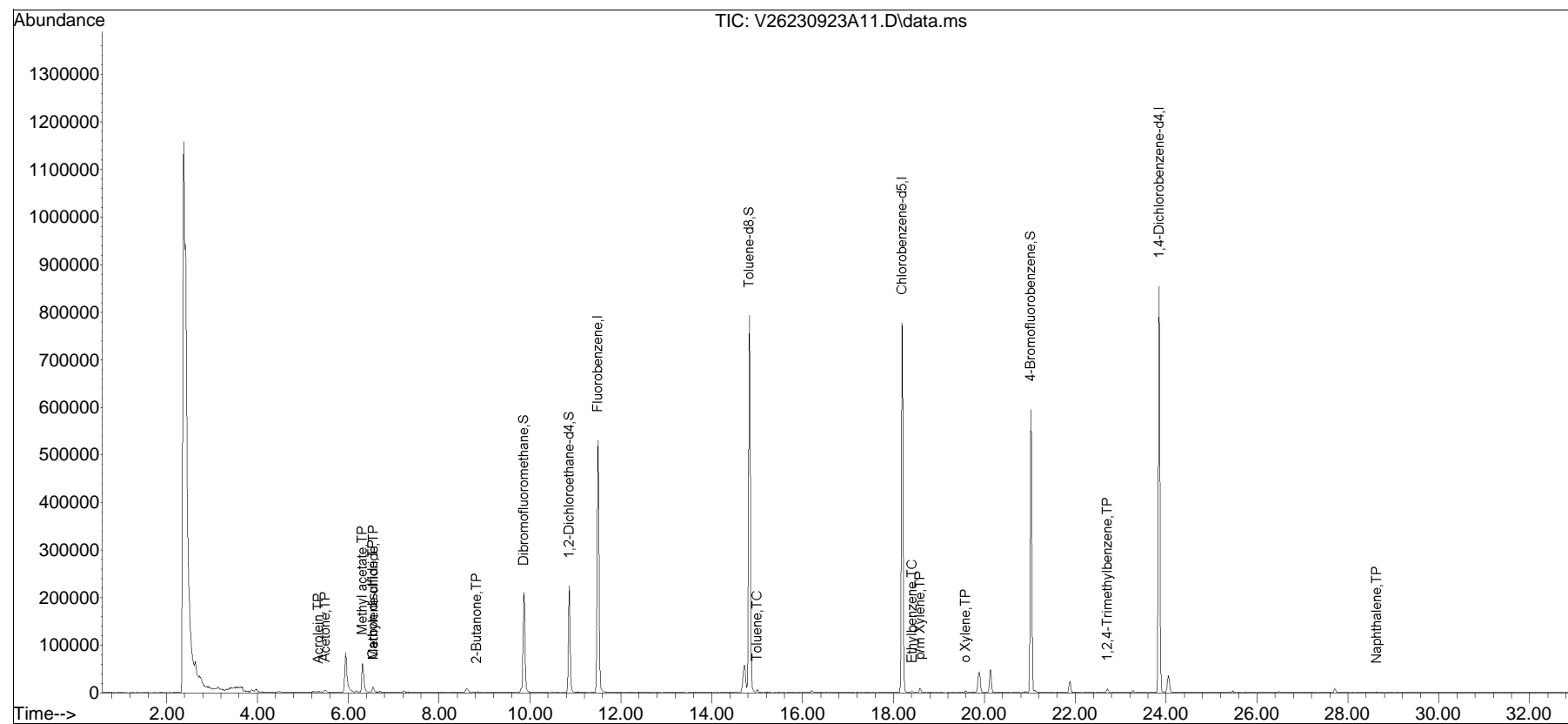


Quantitation Report (QT Reviewed)

Data Path : K:\VOA126\2023\230923A\
 Data File : V26230923A11.D
 Acq On : 23 Sep 2023 02:42 pm
 Operator : VOA126:AJK
 Sample : L2353698-06,31H,18.13,15,0.100,,A
 Misc : WG1832249,ICAL20309
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 25 11:10:29 2023
 Quant Method : K:\VOA126\2023\230923A\V126_230827A_8260.m
 Quant Title : VOLATILES BY GC/MS
 QLast Update : Mon Aug 28 12:38:38 2023
 Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A01.D•

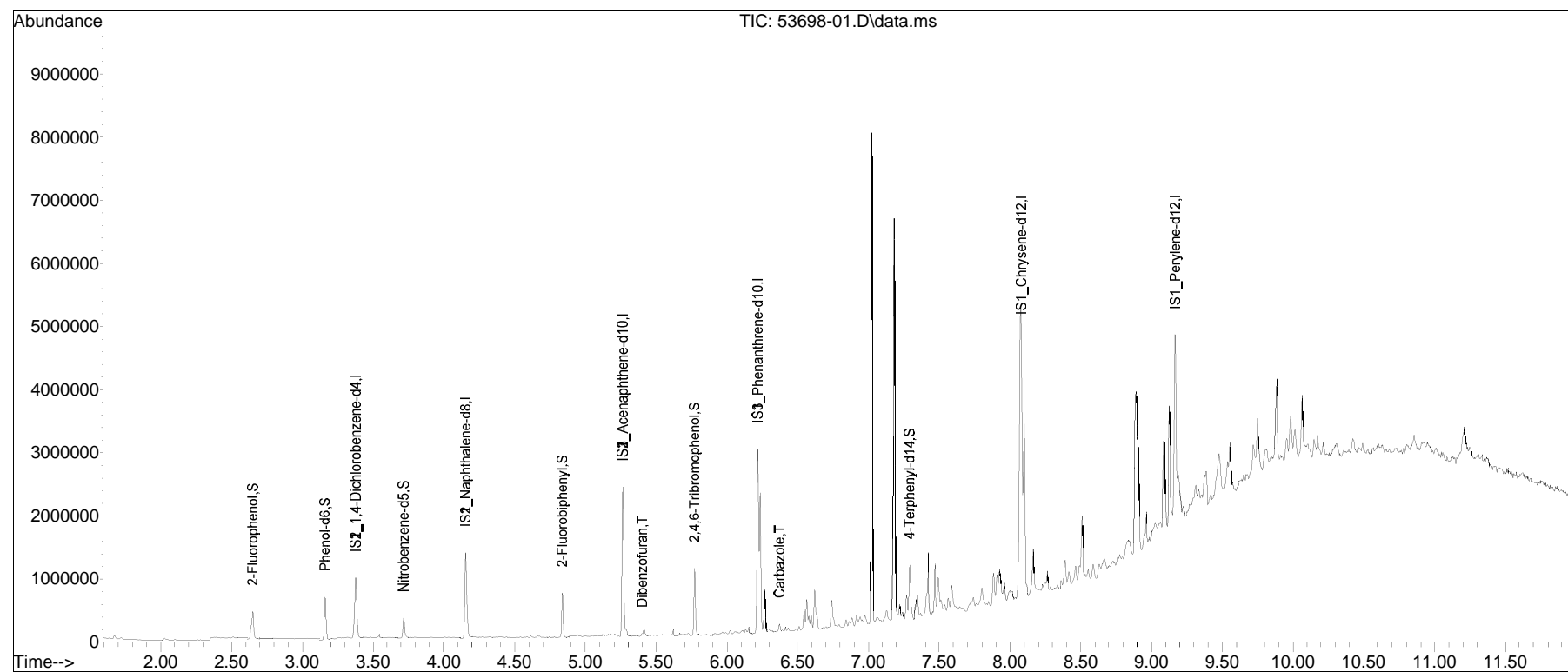


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53698-01.D
Acq On : 20 Sep 2023 02:20 pm
Operator : SV112:als
Sample : L2353698-01,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 25 14:31:23 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 14:34:23 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

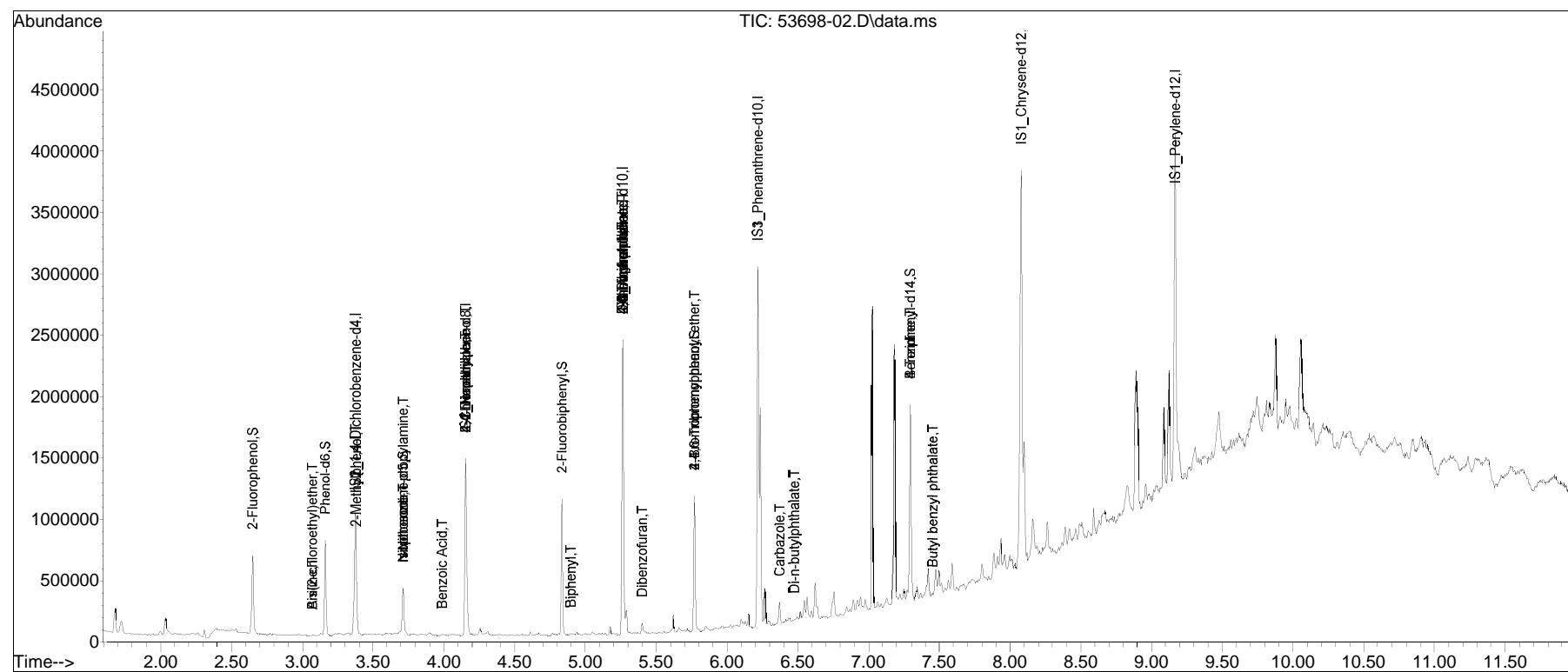


Quantitation Report (Not Reviewed, AutoQuanted)

Data Path : I:\8270\SV112\230920a\
 Data File : 53698-02.D
 Acq On : 20 Sep 2023 02:37 pm
 Operator : SV112:als
 Sample : L2353698-02,32,,HNY
 Misc : WG1829680,WG1828957,ical20188
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 20 14:50:31 2023
 Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 14:50:24 2023
 Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

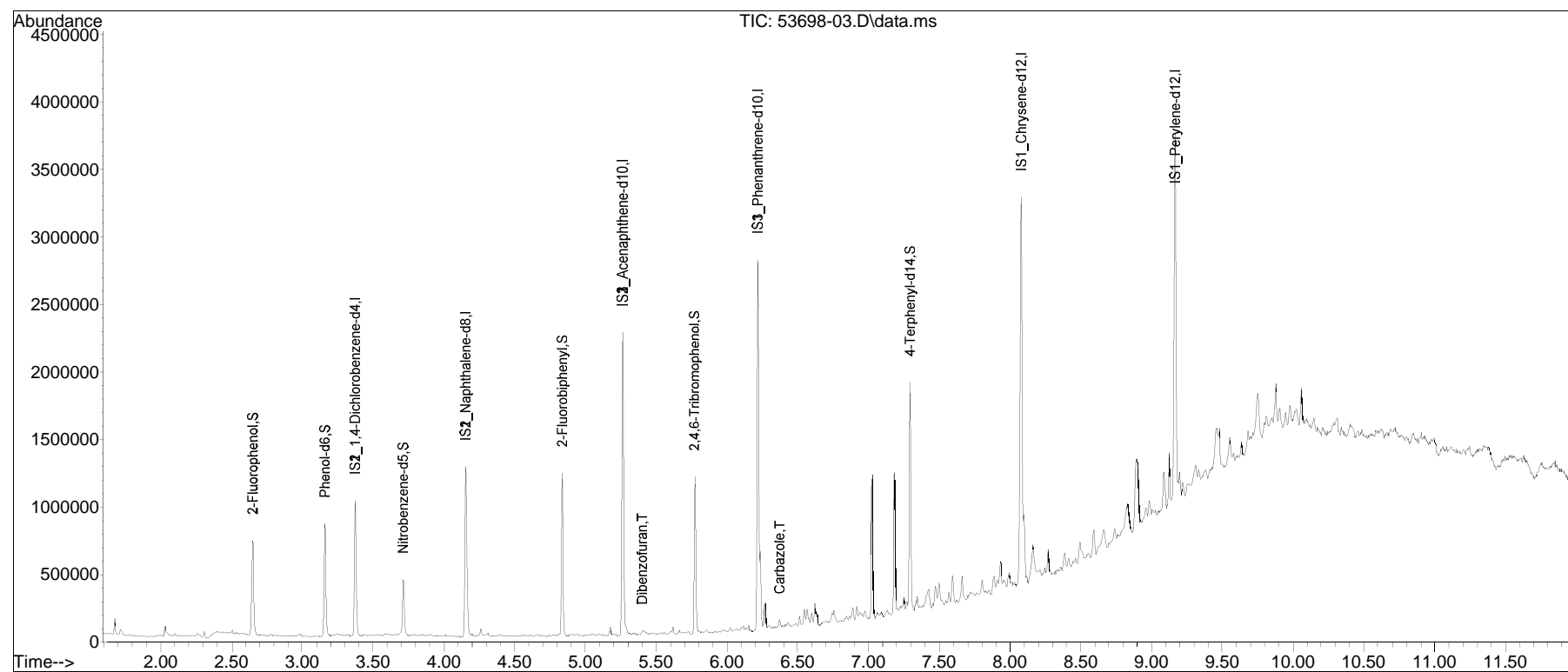


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53698-03.D
Acq On : 20 Sep 2023 02:53 pm
Operator : SV112:als
Sample : L2353698-03,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 25 14:32:26 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 15:08:05 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

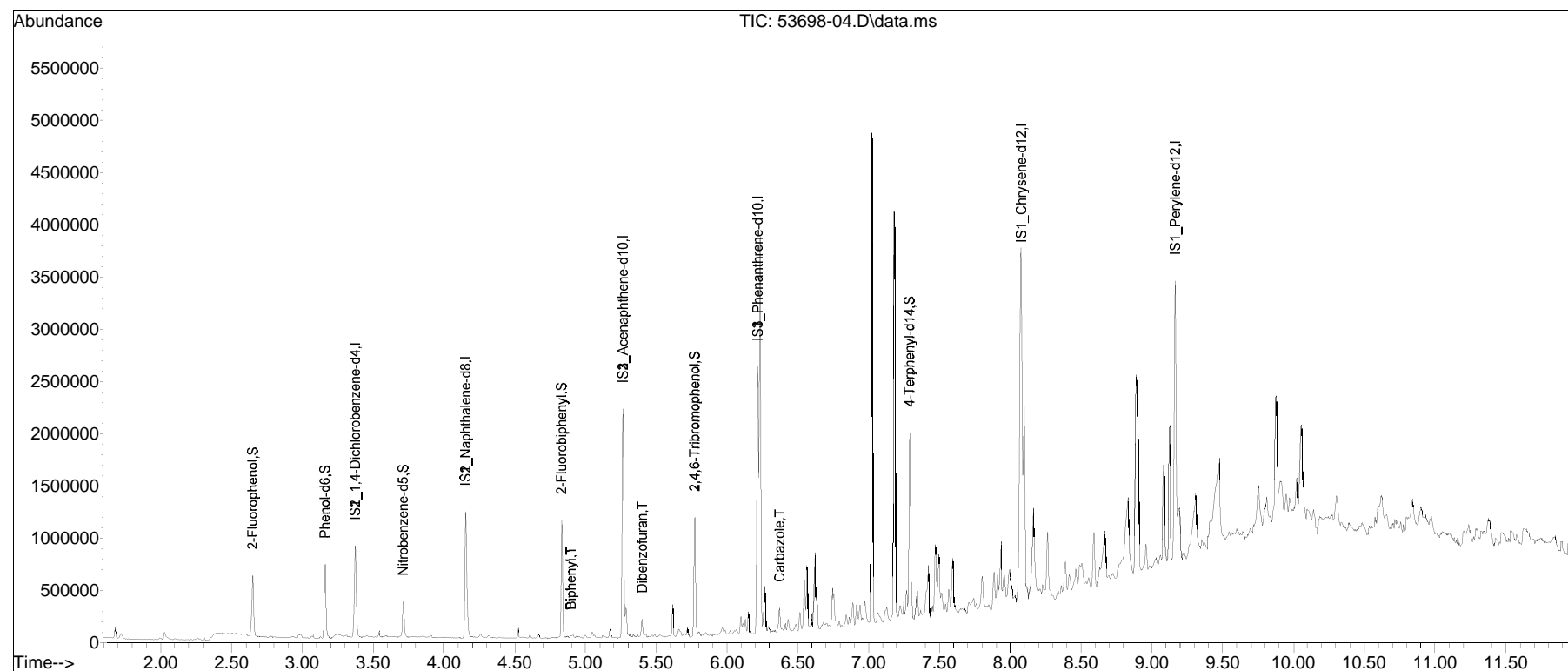


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53698-04.D
Acq On : 20 Sep 2023 03:10 pm
Operator : SV112:als
Sample : L2353698-04,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 25 14:33:04 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 15:24:31 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

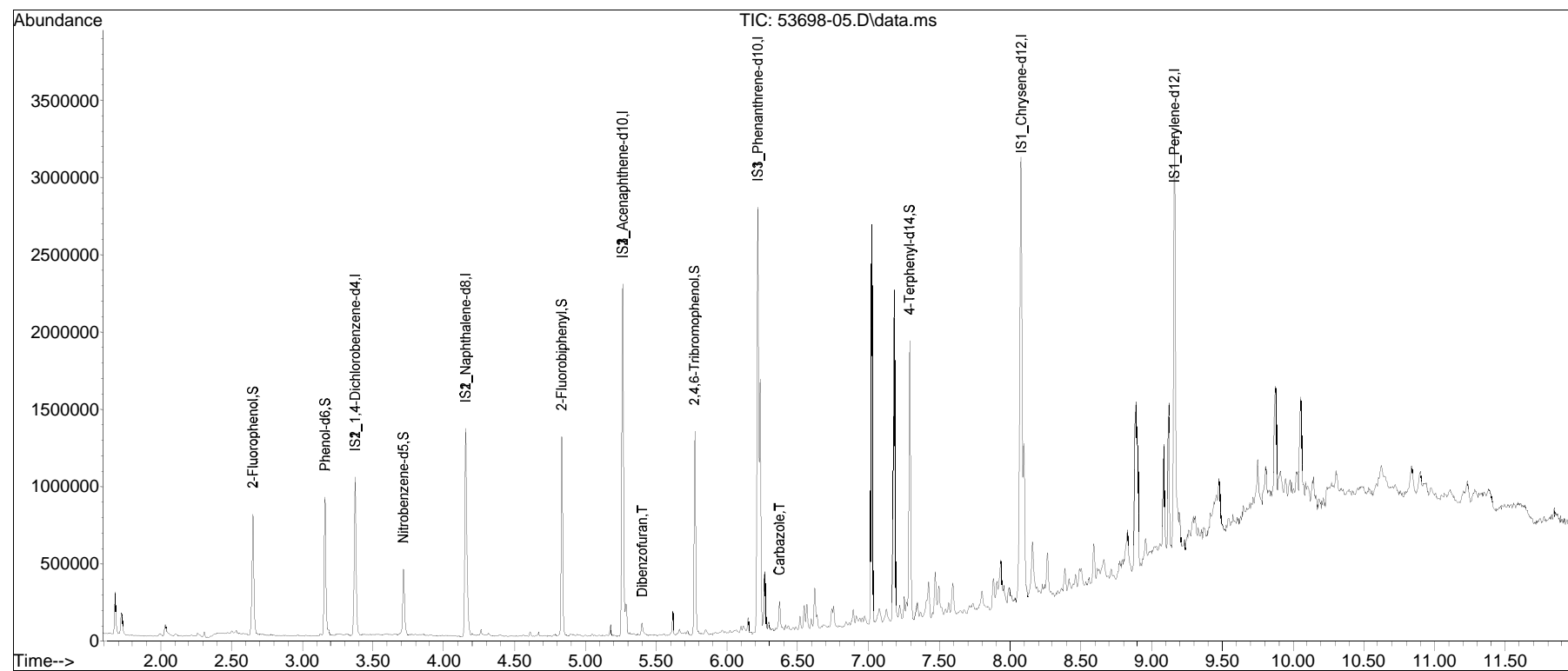


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53698-05.D
Acq On : 20 Sep 2023 03:26 pm
Operator : SV112:als
Sample : L2353698-05,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 25 14:33:38 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 15:40:13 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

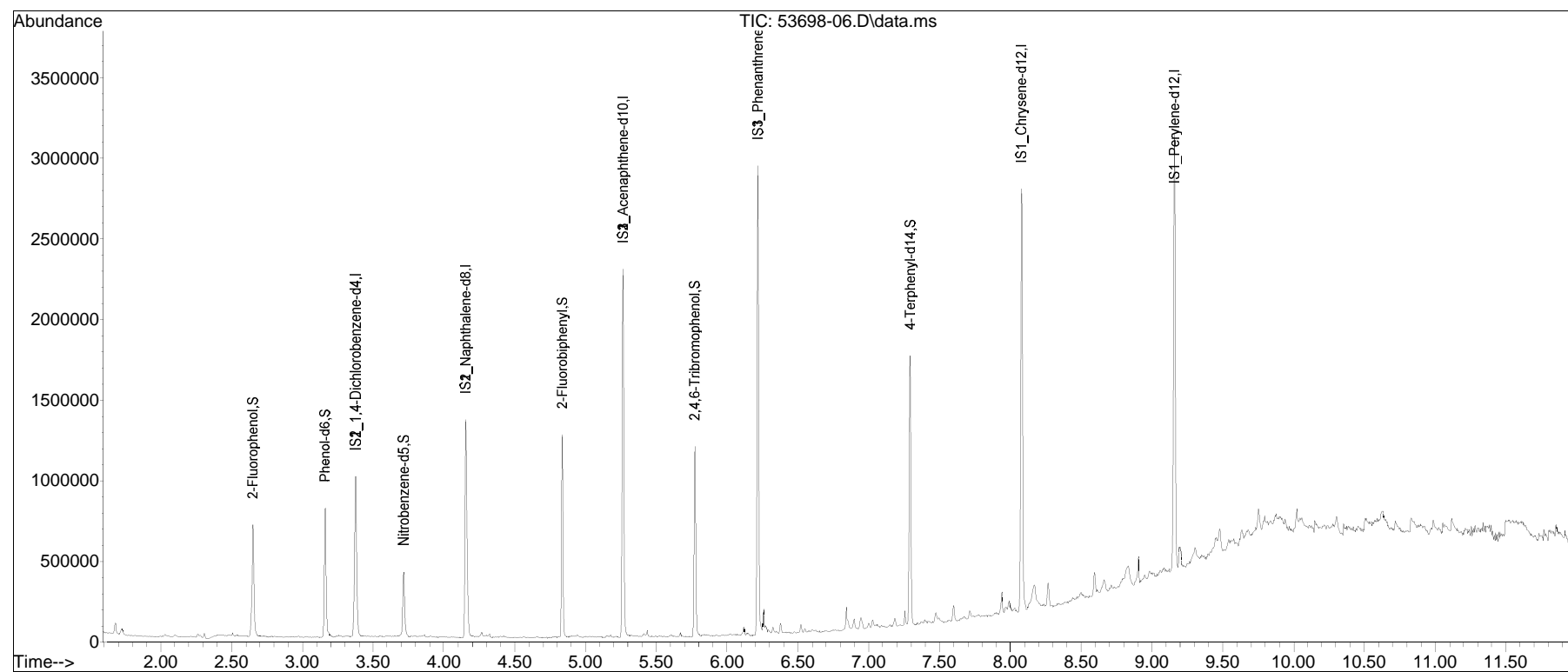


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53698-06.D
Acq On : 20 Sep 2023 03:43 pm
Operator : SV112:als
Sample : L2353698-06,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 25 14:34:37 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 15:56:36 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

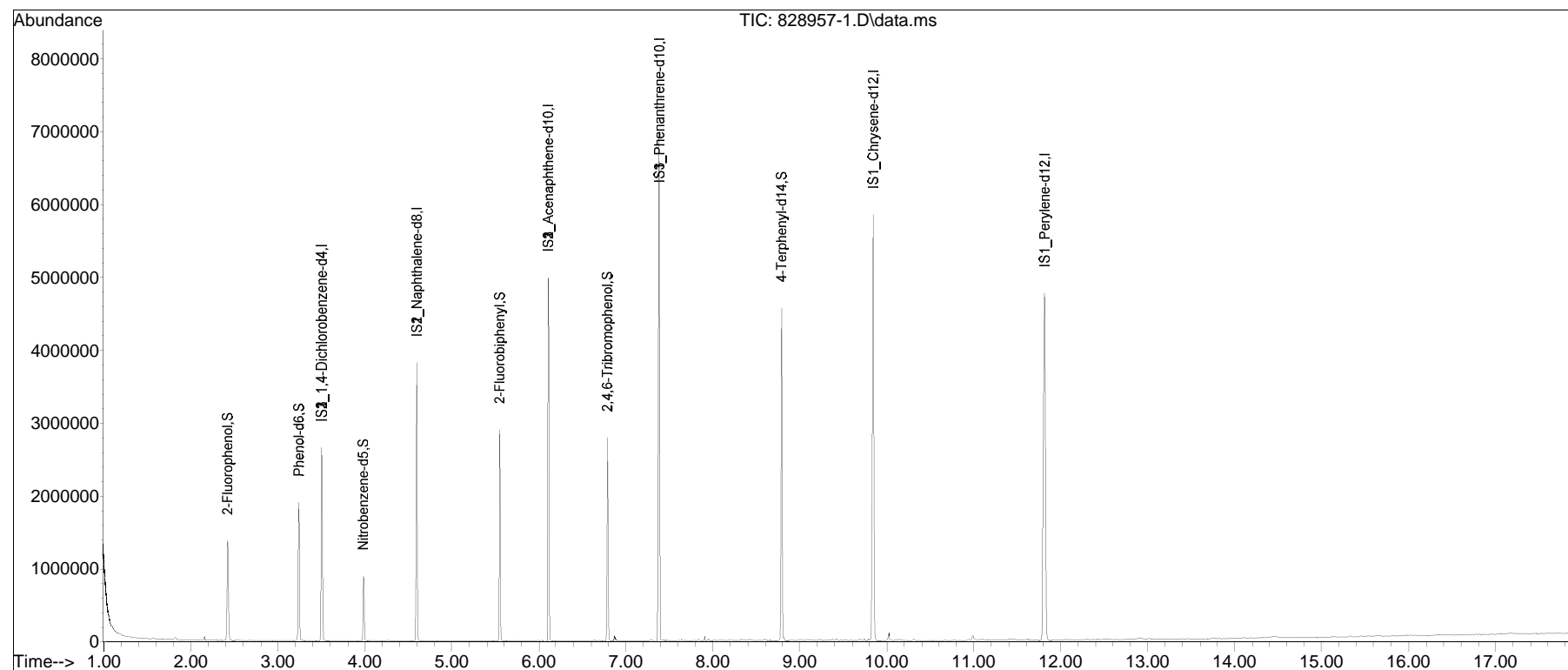


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 828957-1.D
Acq On : 20 Sep 2023 2:54 am
Operator : Buffy:im
Sample : WG1828957-1,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 09:42:03 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 03:12:10 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn\AP90919n.D•

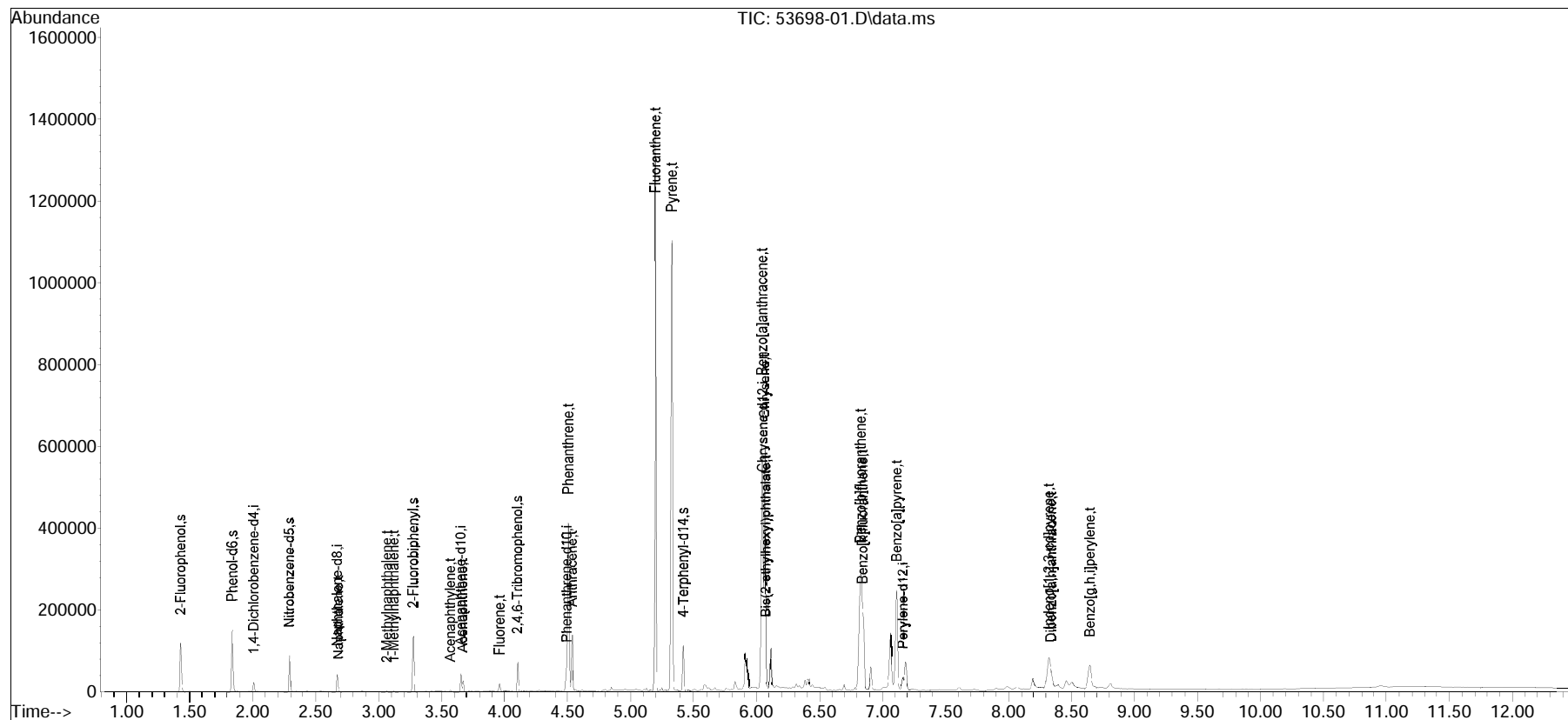


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-01.D
 Acq On : 20 Sep 2023 02:09 pm
 Operator : SV115:dv
 Sample : L2353698-01,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 25 13:37:56 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

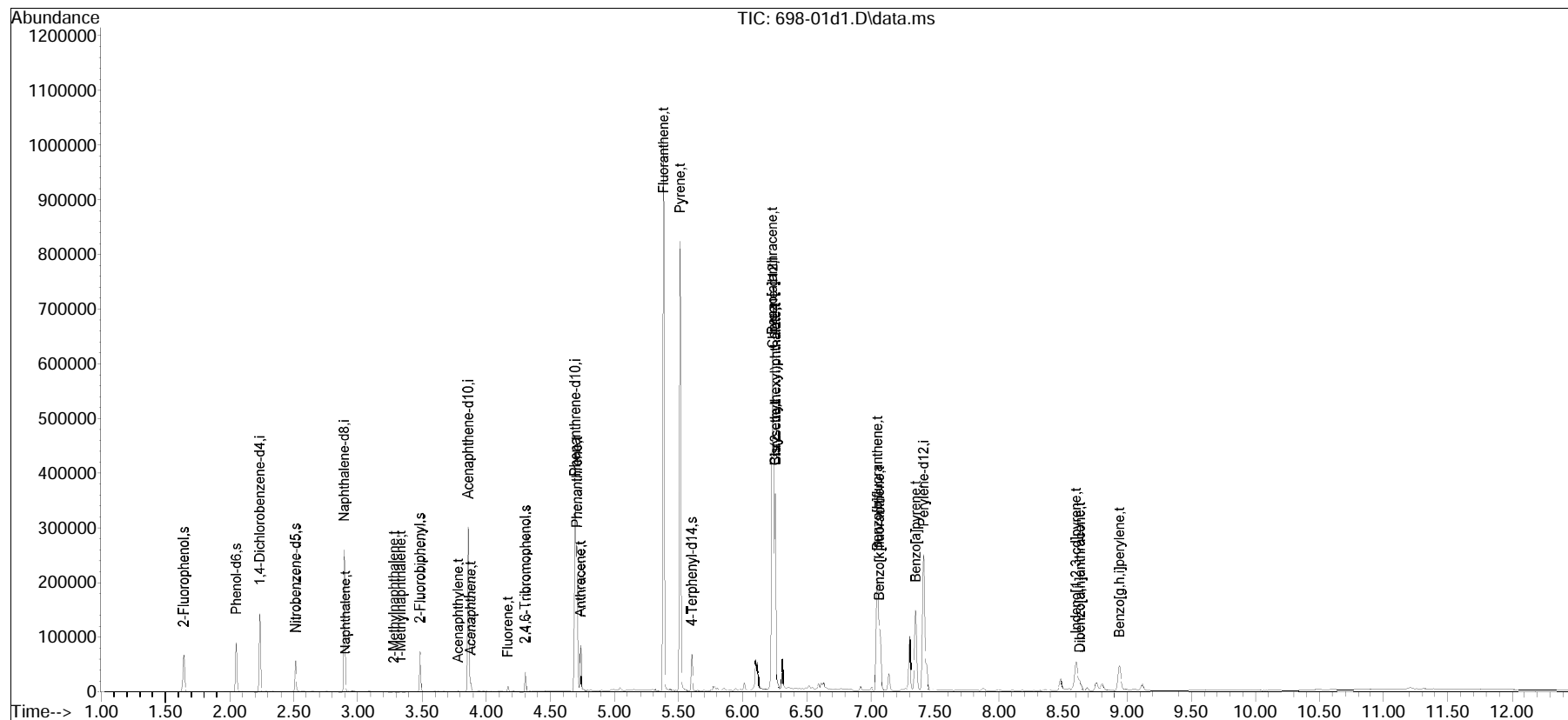


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 698-01d1.D
 Acq On : 26 Sep 2023 01:27 pm
 Operator : SV120:rp
 Sample : L2353698-01d,32,10,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 26 14:28:21 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

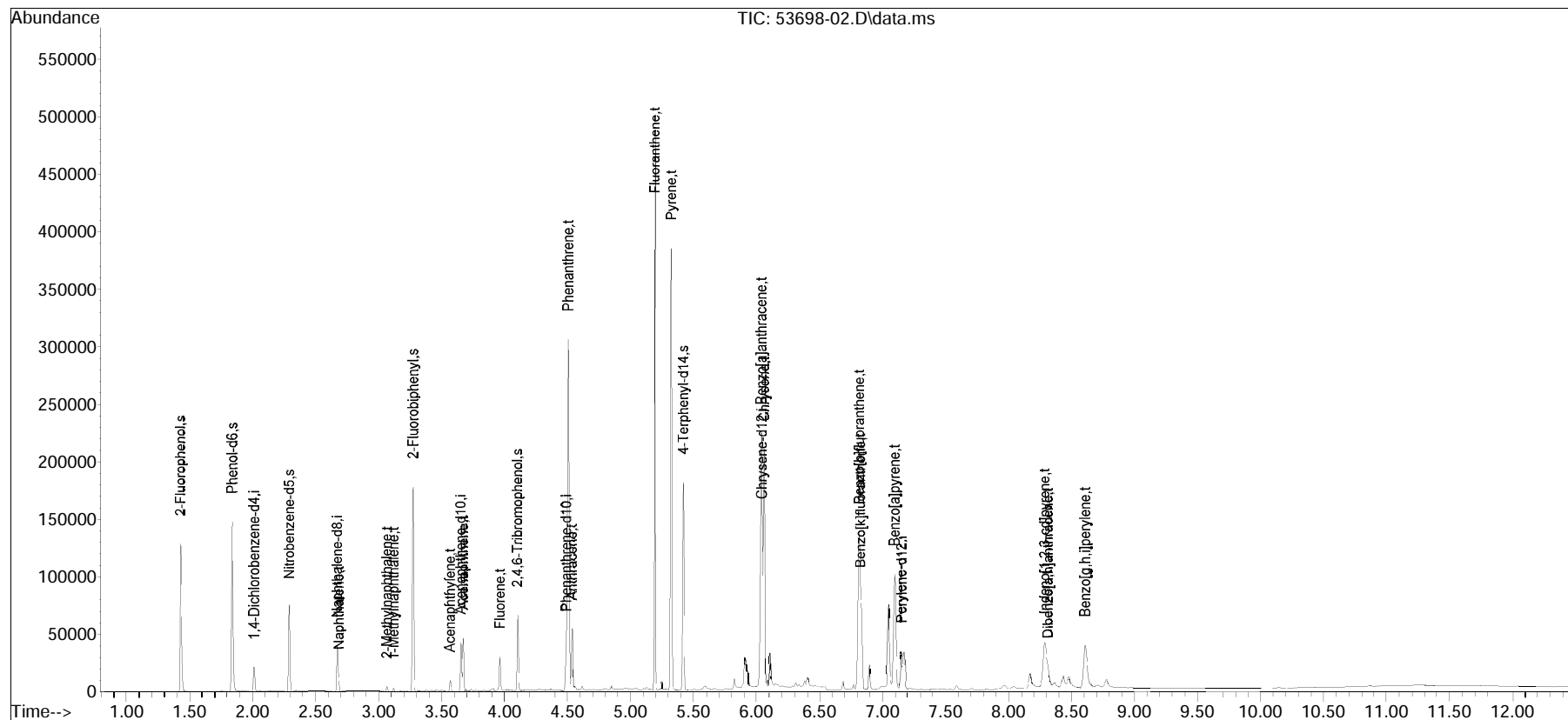


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-02.D
 Acq On : 20 Sep 2023 02:25 pm
 Operator : SV115:dv
 Sample : L2353698-02,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 25 13:41:47 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

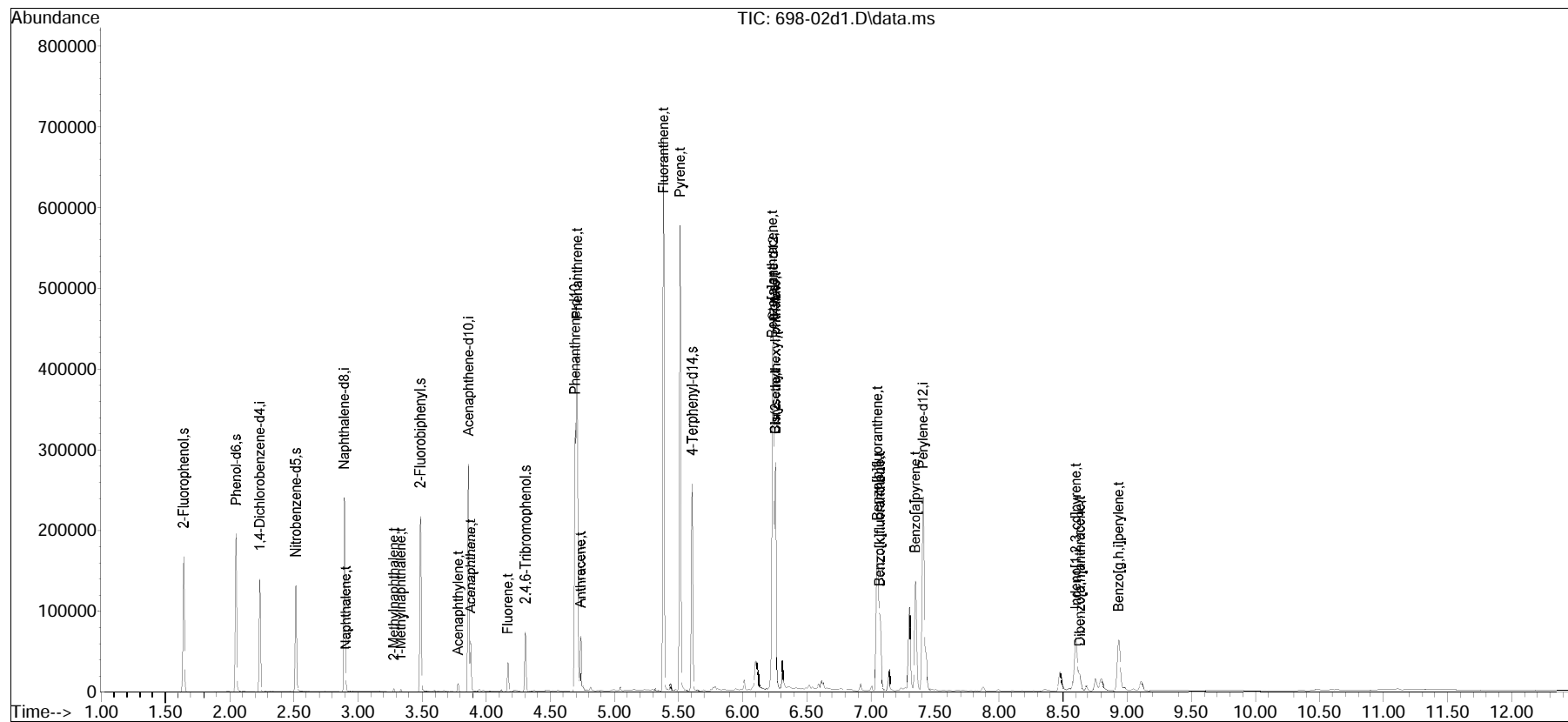


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 698-02d1.D
 Acq On : 26 Sep 2023 01:44 pm
 Operator : SV120:rp
 Sample : L2353698-02d,32,5,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 26 14:50:54 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

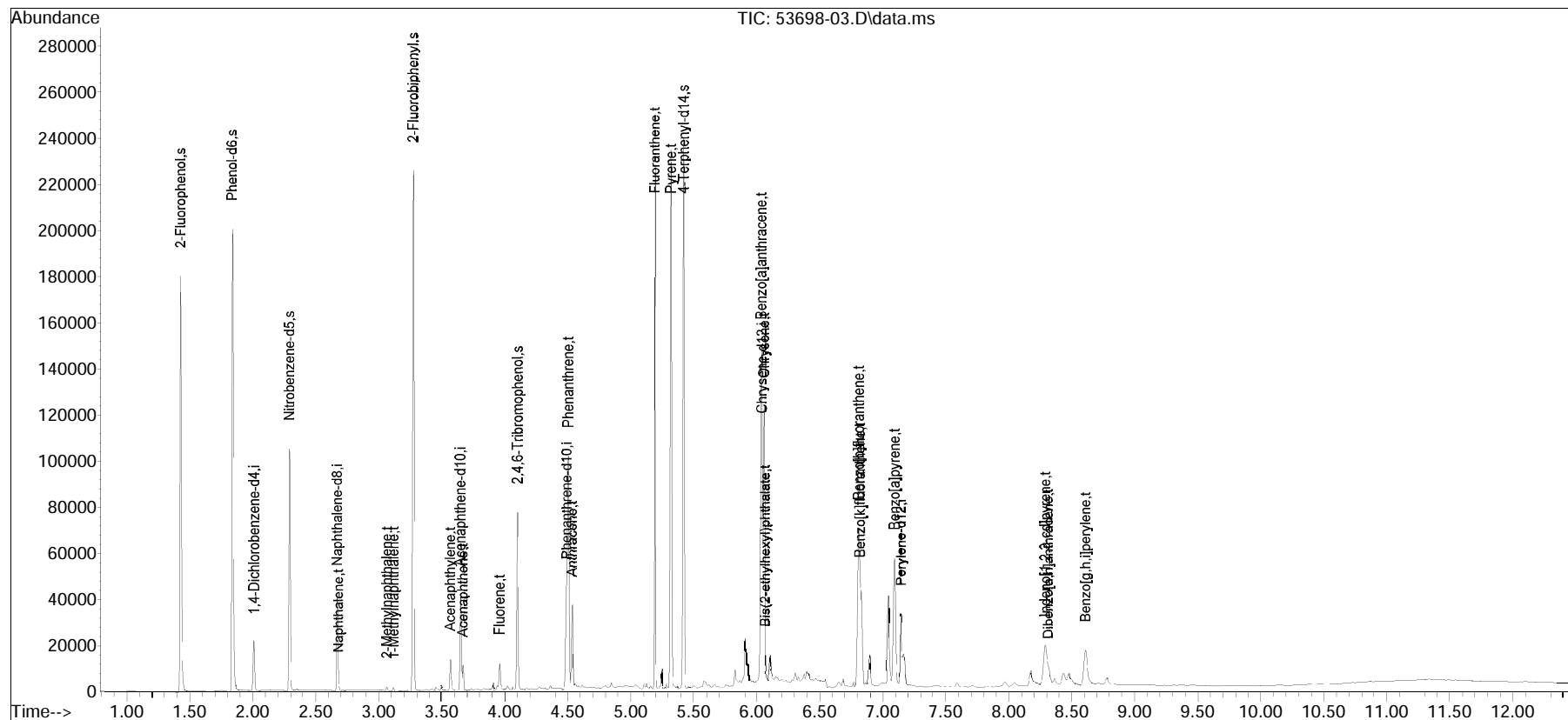


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-03.D
 Acq On : 20 Sep 2023 02:41 pm
 Operator : SV115:dv
 Sample : L2353698-03,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 25 13:58:54 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

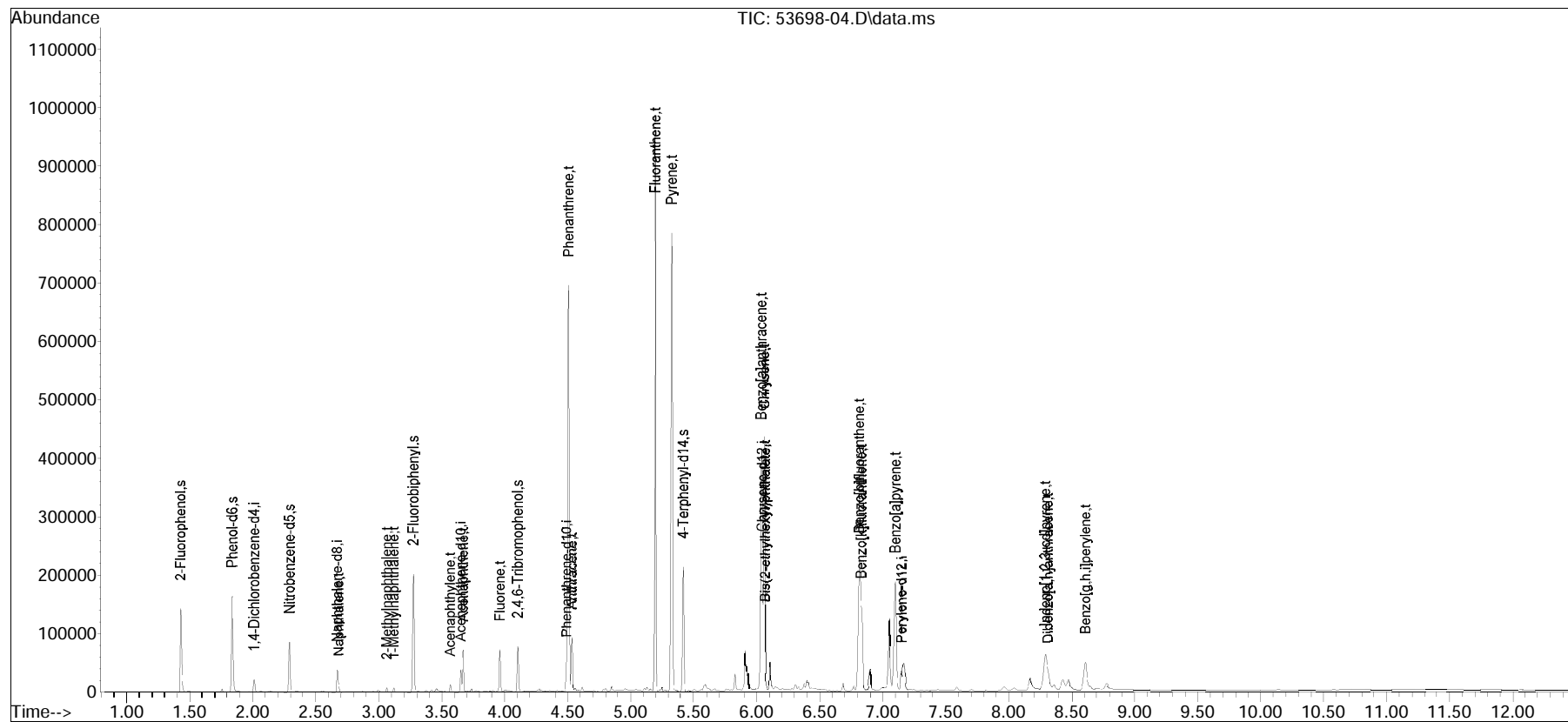


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-04.D
 Acq On : 20 Sep 2023 02:57 pm
 Operator : SV115:dv
 Sample : L2353698-04,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 25 14:00:45 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

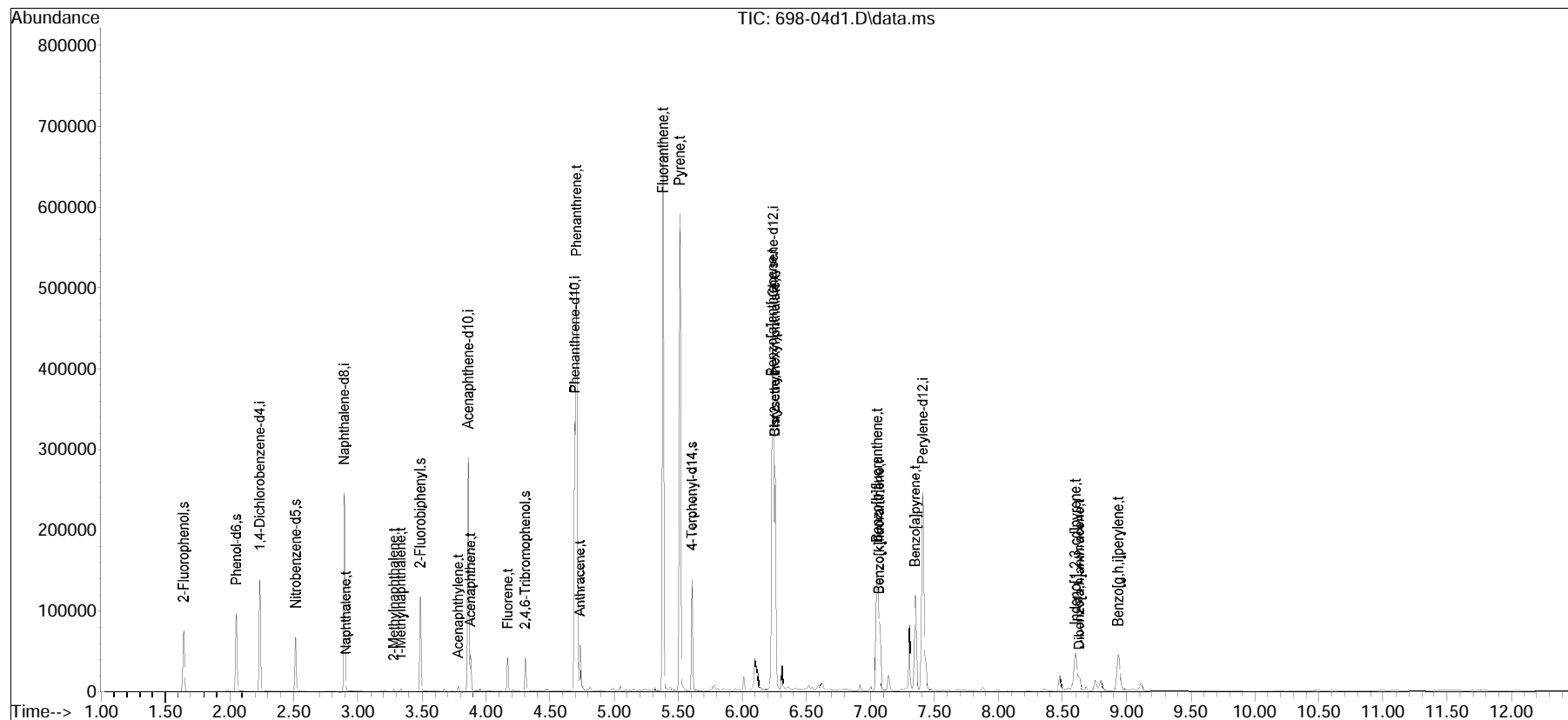


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 698-04d1.D
 Acq On : 26 Sep 2023 02:01 pm
 Operator : SV120:rp
 Sample : L2353698-04d,32,10,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Sep 26 15:26:12 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

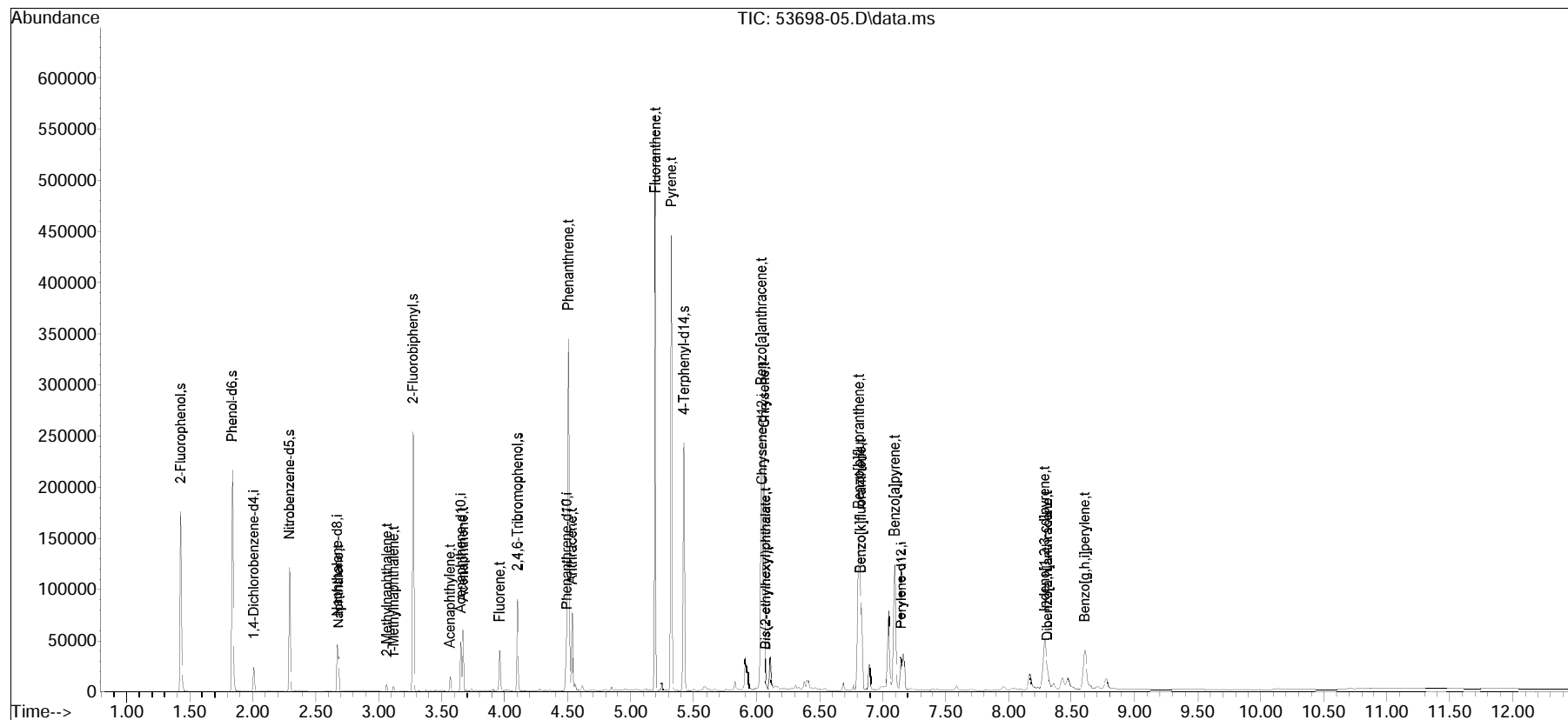


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-05.D
 Acq On : 20 Sep 2023 03:14 pm
 Operator : SV115:dv
 Sample : L2353698-05,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 16:22:03 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

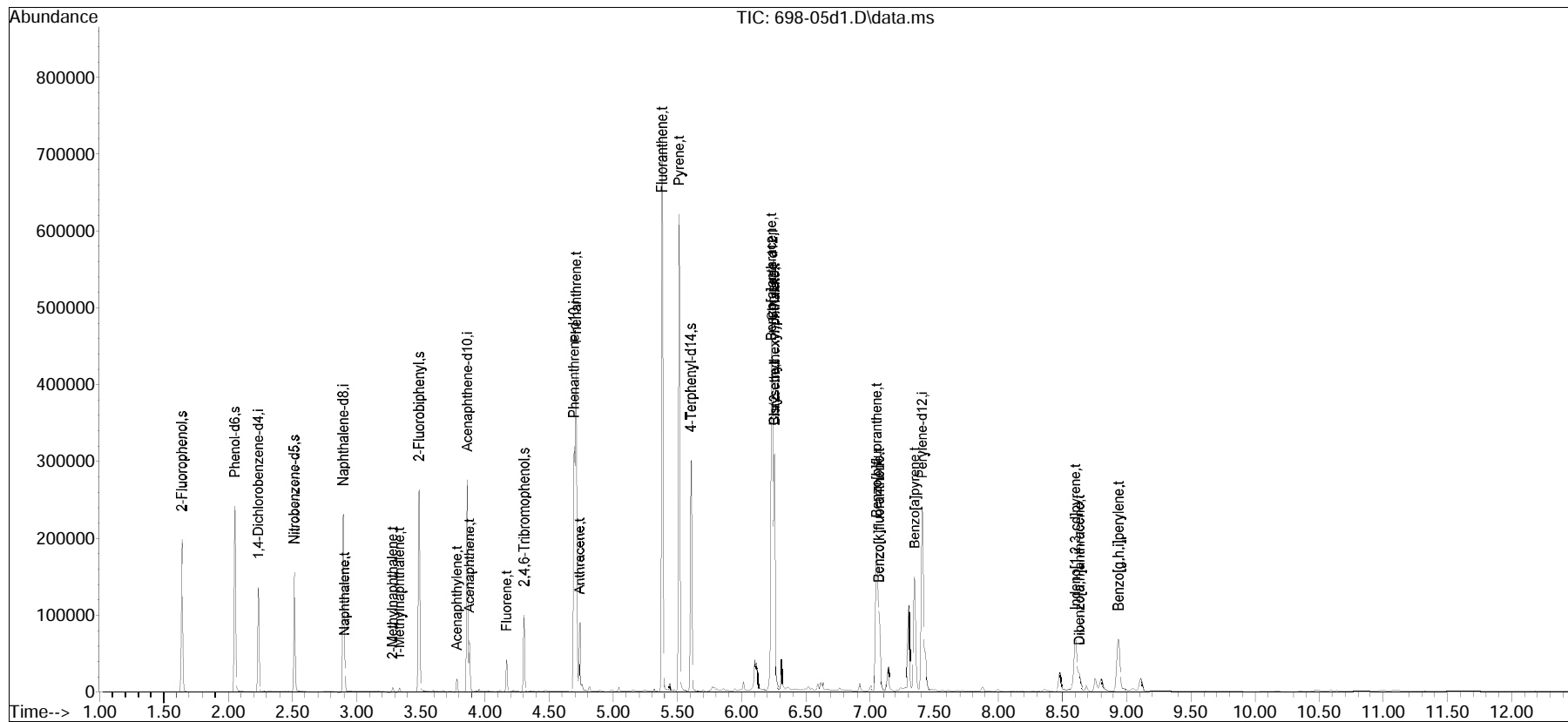


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 698-05d1.D
 Acq On : 26 Sep 2023 02:17 pm
 Operator : SV120:rp
 Sample : L2353698-05d,32,5,jjw
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 26 15:38:50 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

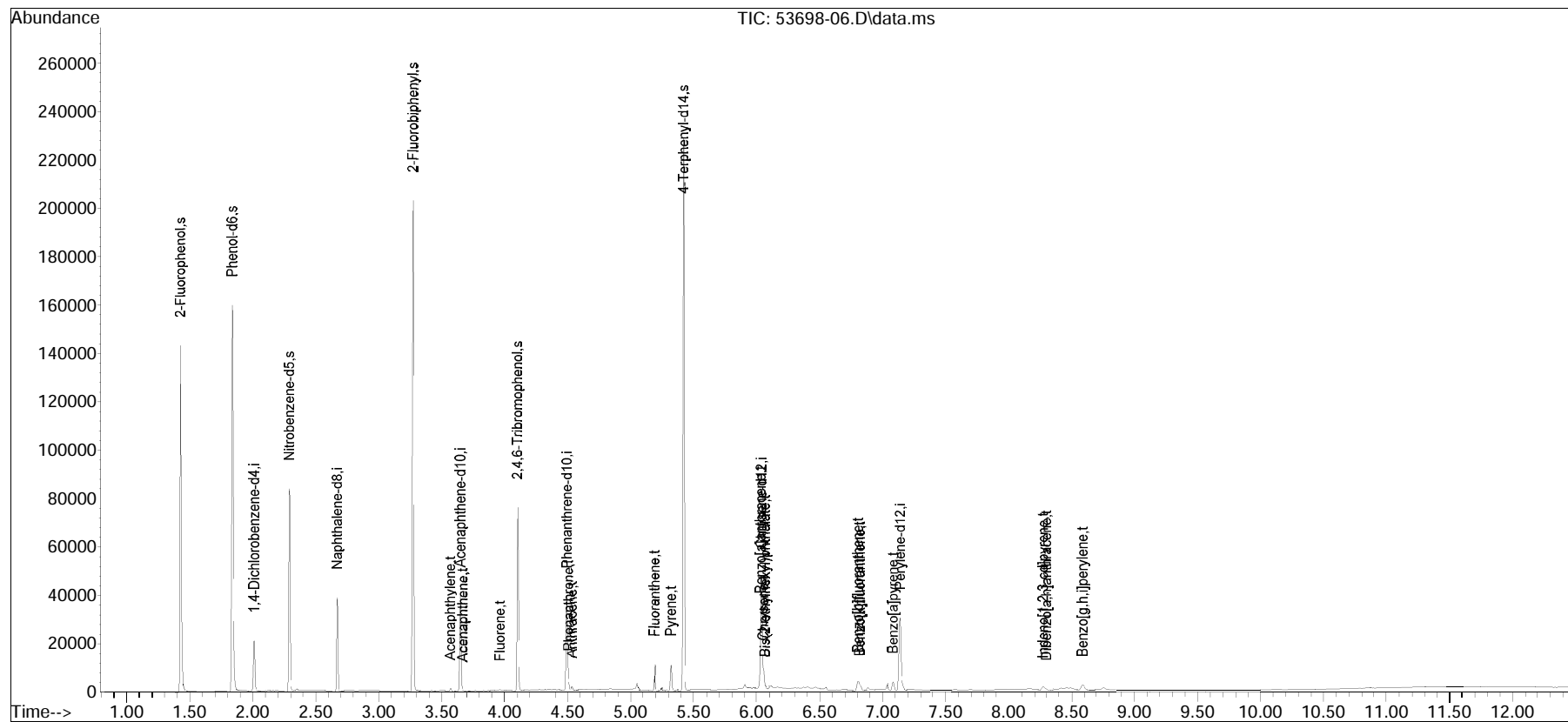


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53698-06.D
 Acq On : 20 Sep 2023 03:30 pm
 Operator : SV115:dv
 Sample : L2353698-06,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 25 14:04:36 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

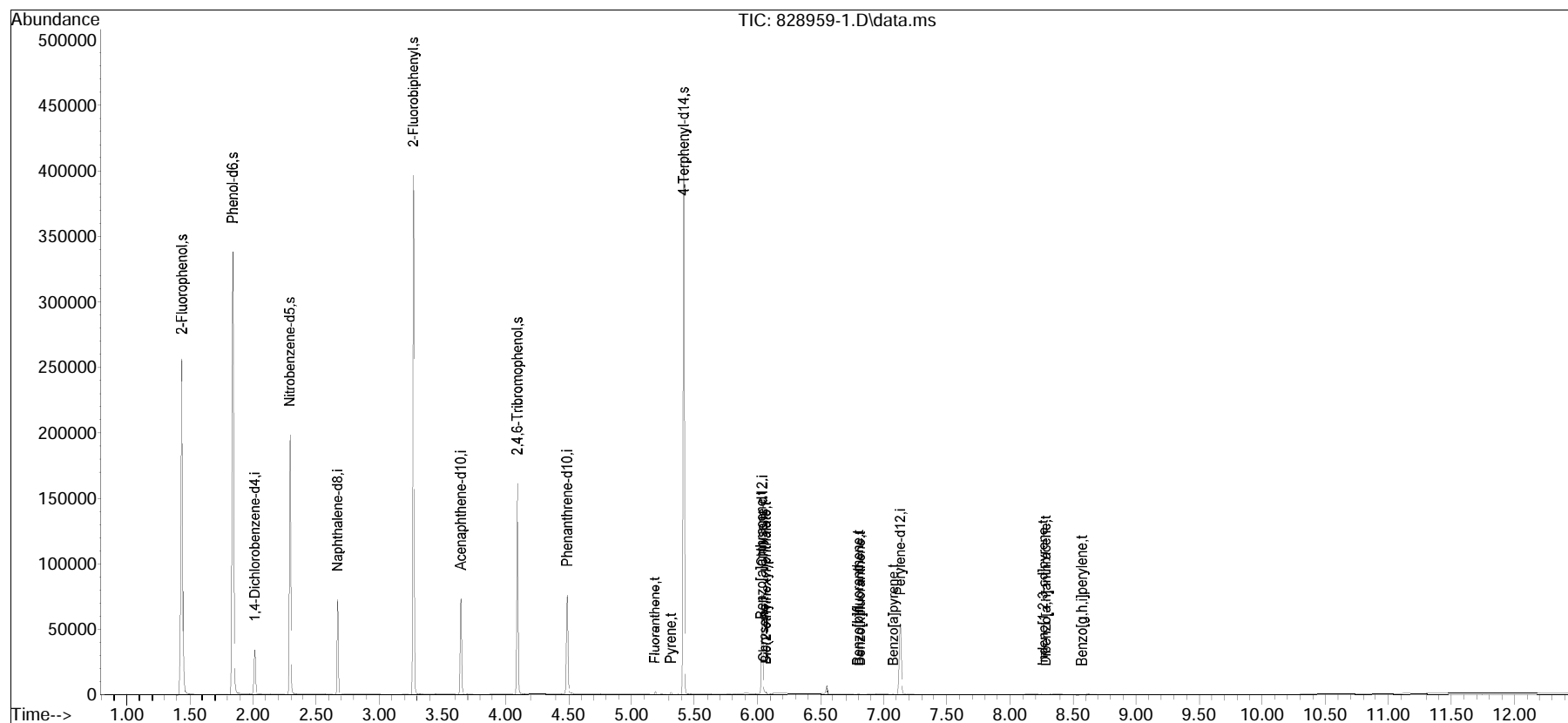


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 828959-1.D
 Acq On : 20 Sep 2023 01:03 pm
 Operator : SV115:dv
 Sample : WG1828959-1,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 13:29:09 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

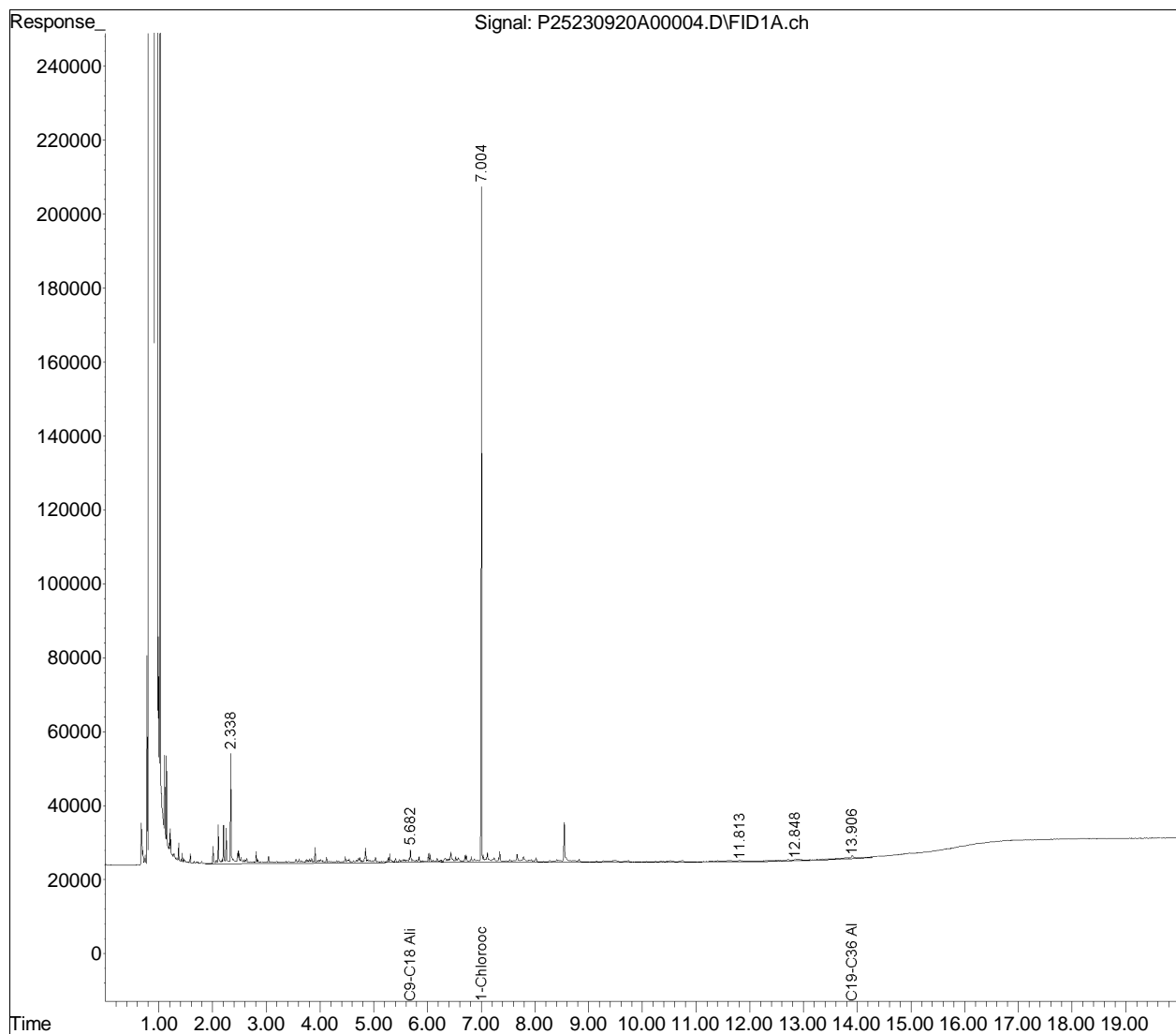


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920\
Data File : P25230920A00004.D
Signal(s) : FID1A.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25a:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 08:43:01 2023
Quant Method : I:\PETRO\Petro25\2023\230920\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 09:31:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

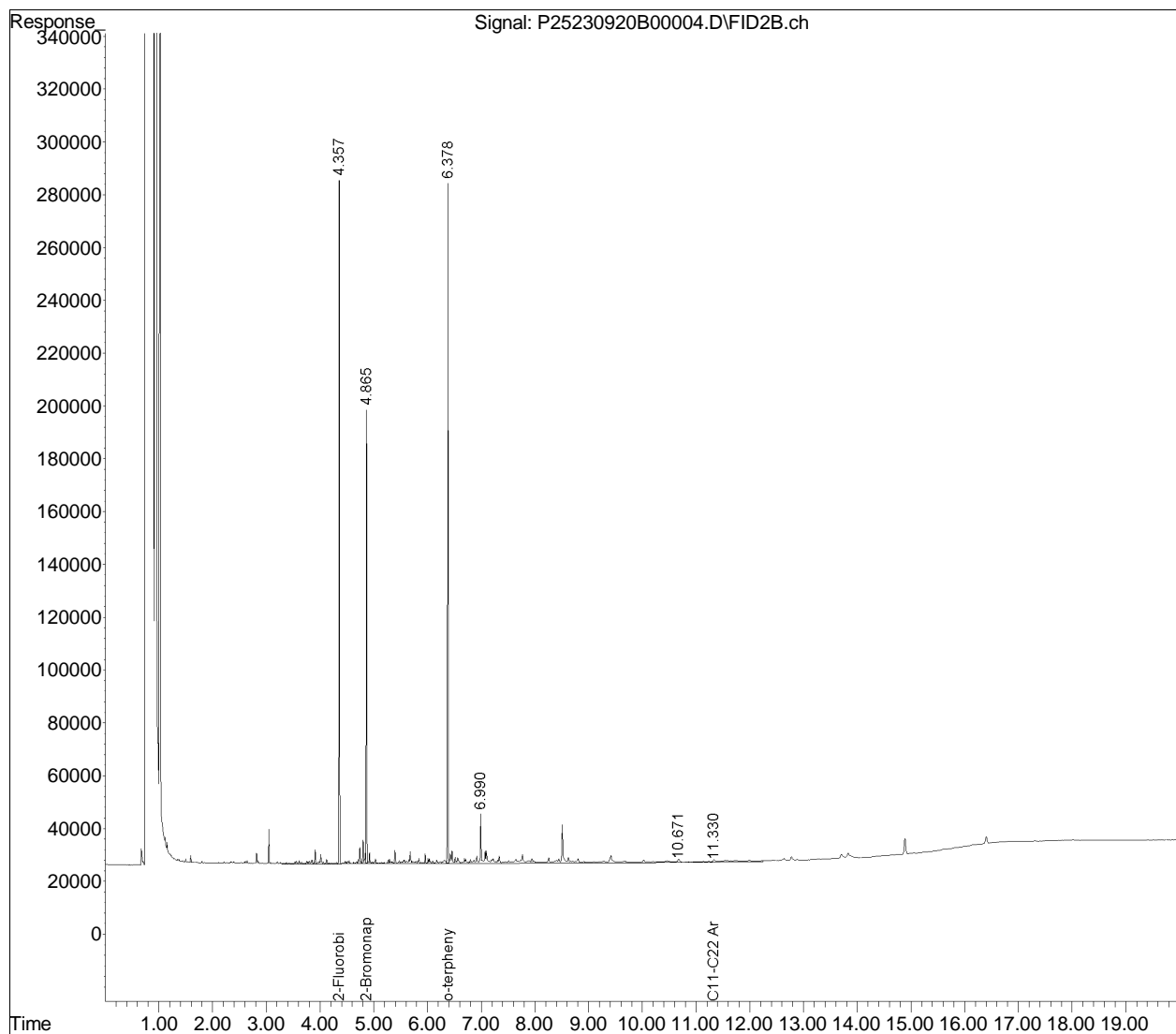


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920.sec\
Data File : P25230920B00004.D
Signal(s) : FID2B.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25b:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 09:23:34 2023
Quant Method : I:\PETRO\Petro25\2023\230920.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

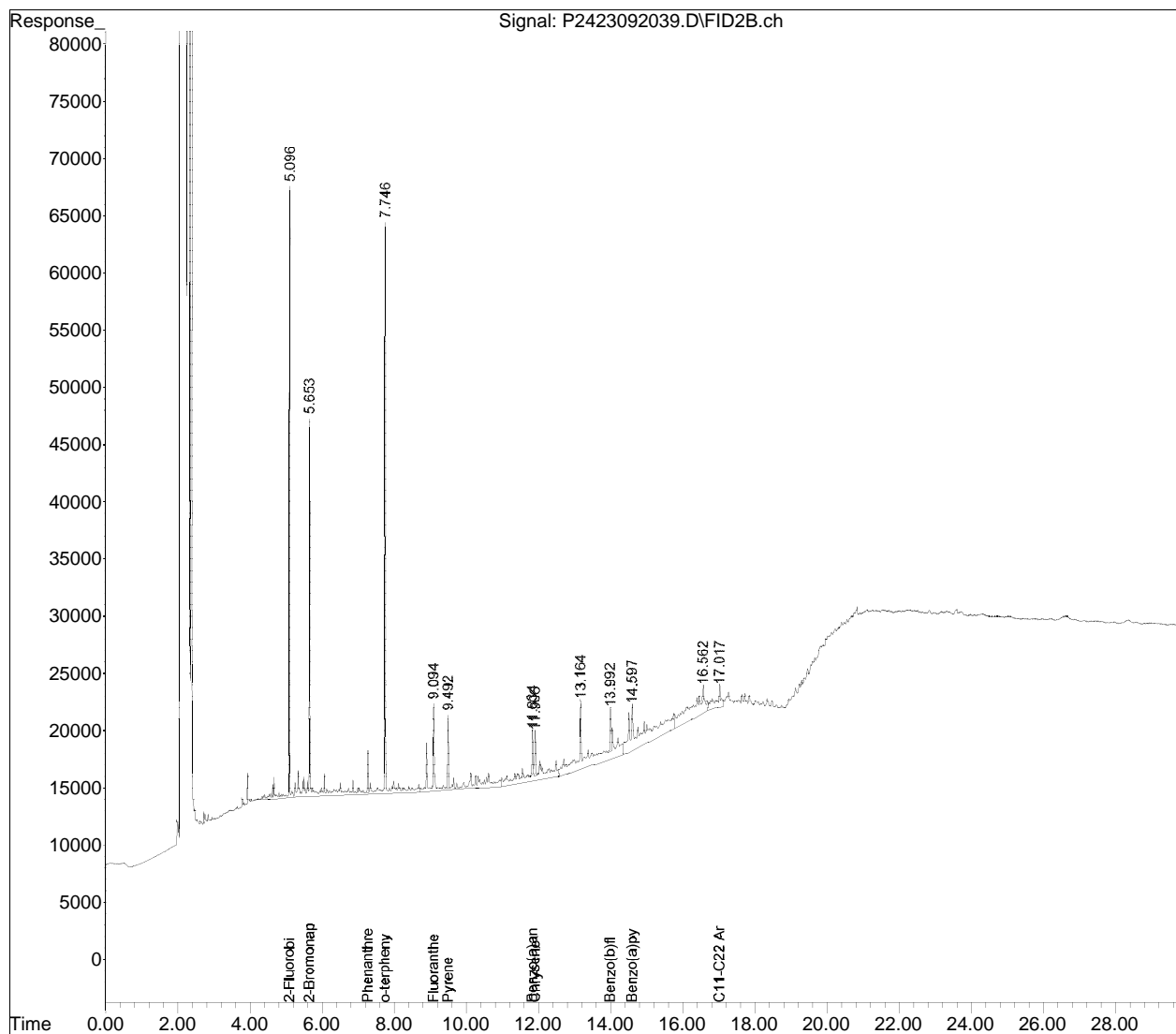


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920.SEC\
 Data File : P2423092039.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 06:56 pm
 Operator : Petro24b:mtc
 Sample : L2353698-01,42,,
 Misc : wg1829566,wg1828966,ical20111
 ALS Vial : 70 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:58:02 2023
 Quant Method : I:\PETRO\Petro24\2023\230920.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 07:51:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

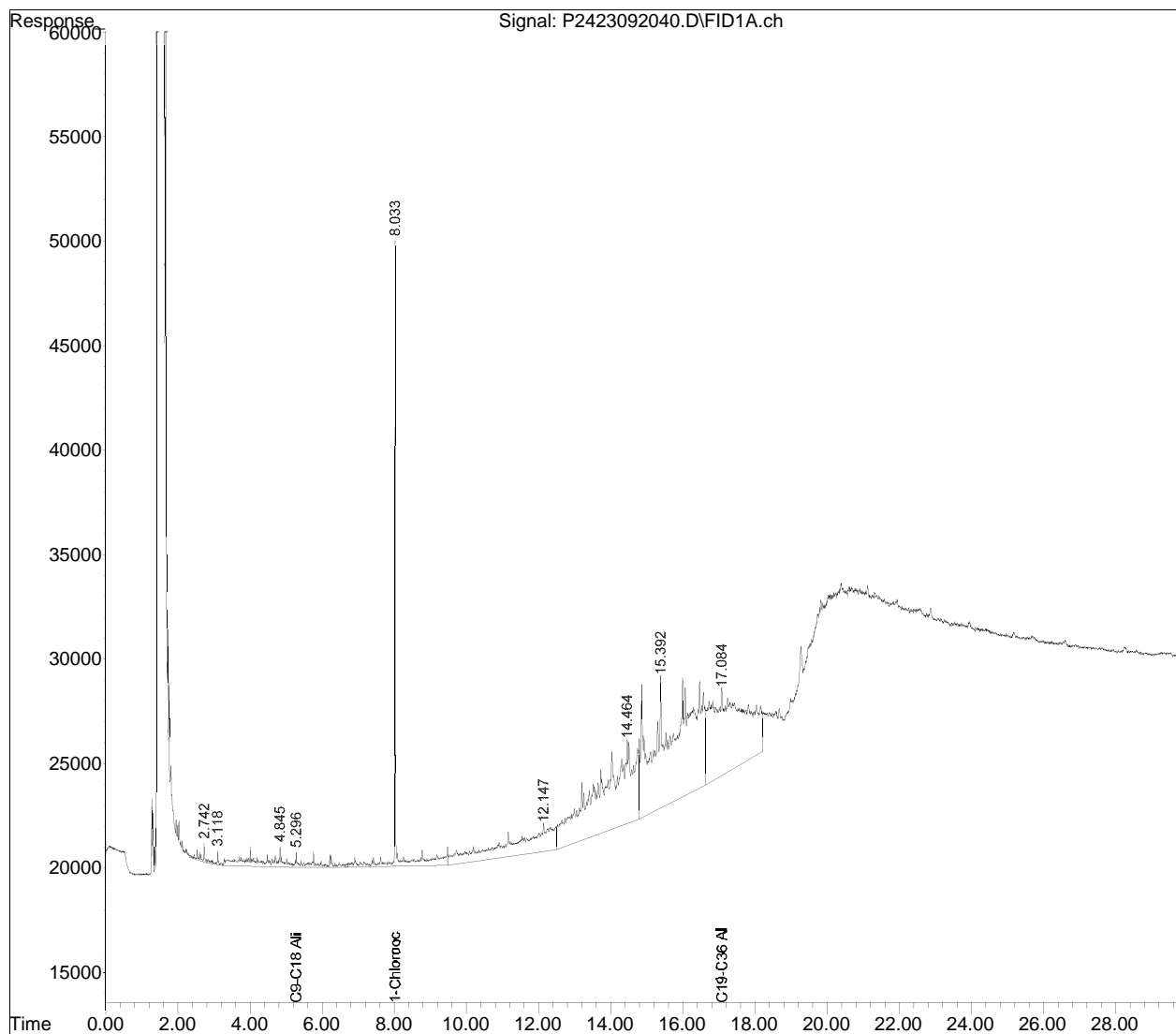


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920\
Data File : P2423092040.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 06:56 pm
Operator : Petro24a:mtc
Sample : L2353698-01,42,,
Misc : wg1829566,wg1828966,ical20112
ALS Vial : 20 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 15:21:18 2023
Quant Method : I:\PETRO\Petro24\2023\230920\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

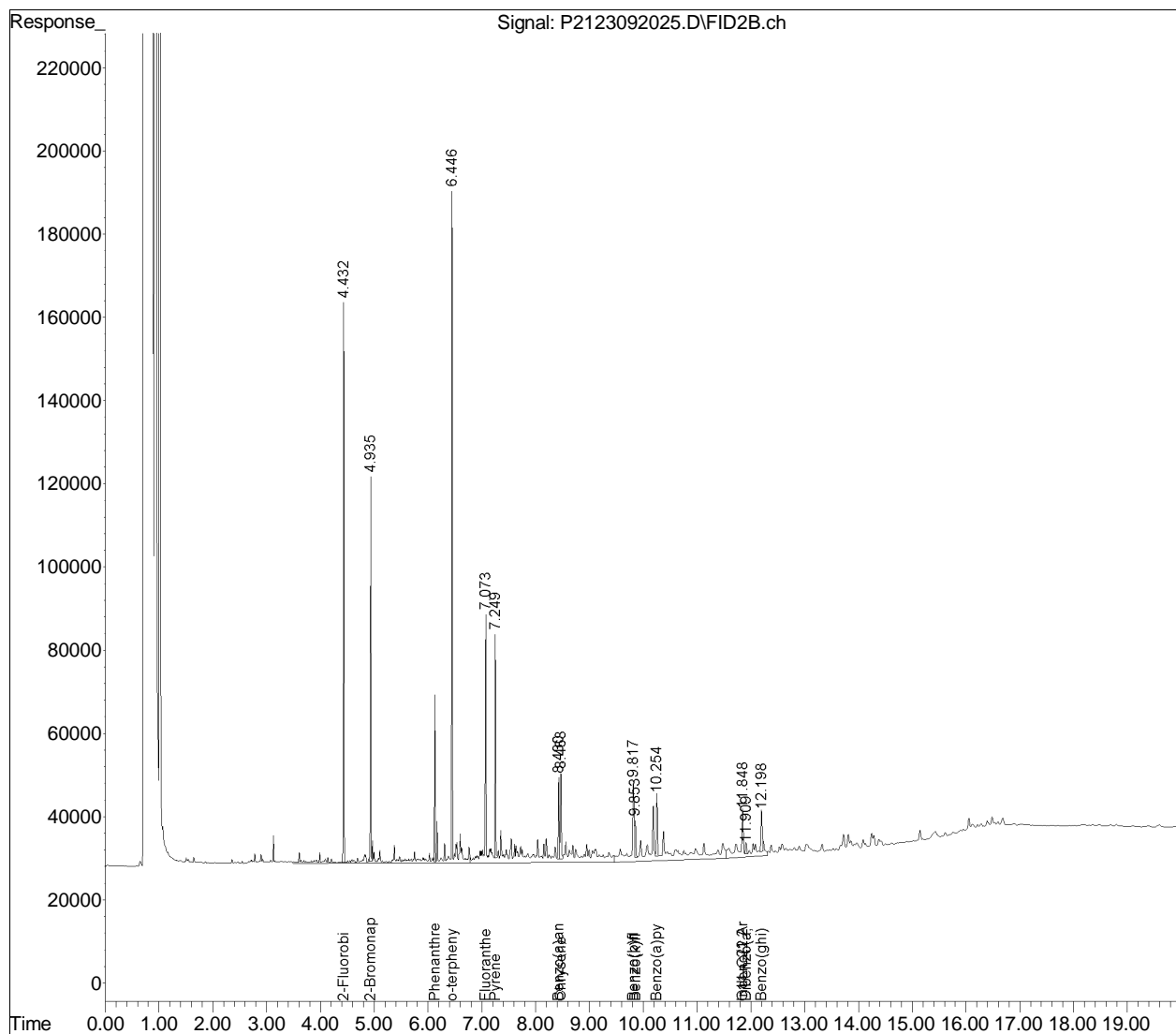


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092025.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 2:53 pm
 Operator : Petro21b:SC
 Sample : L2353698-02,42,,
 Misc : WG1829563,WG1828966,ical18504
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 28 11:11:22 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

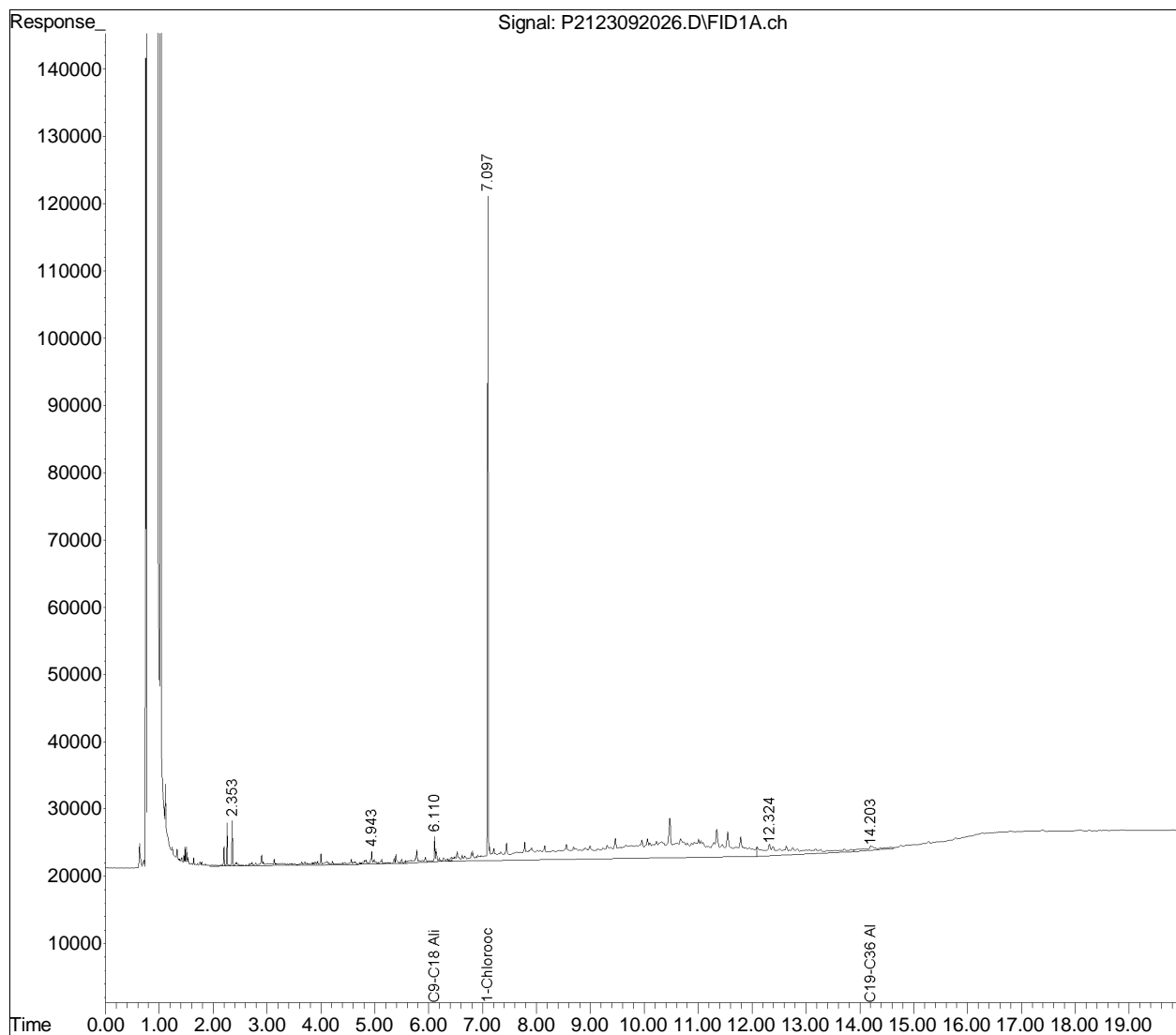


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092026.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 2:53 pm
Operator : Petro21a:sc
Sample : L2353698-02,42,,
Misc : WG1829563,WG1828966,ical18505
ALS Vial : 13 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 28 10:49:16 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

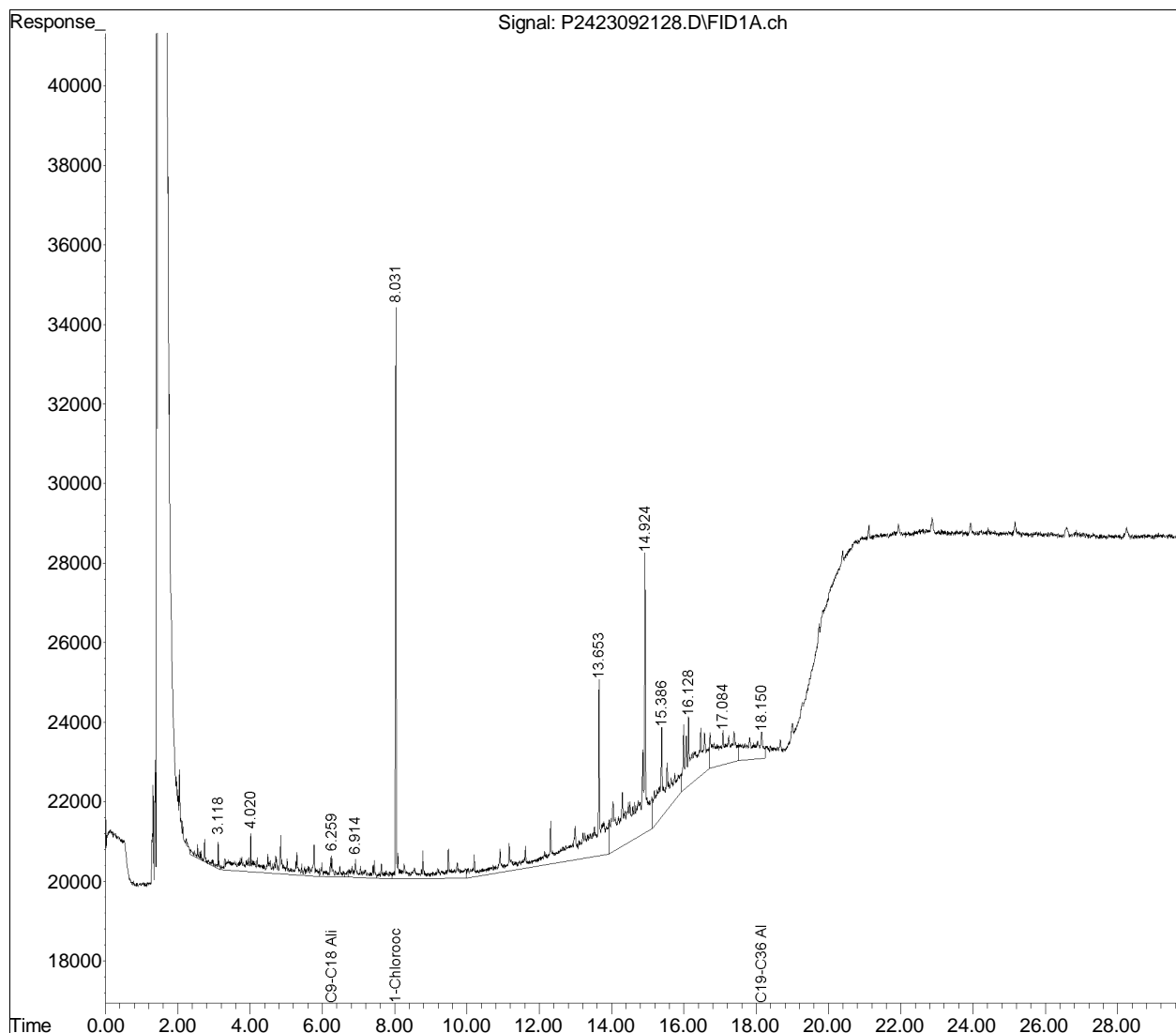


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230921\
Data File : P2423092128.D
Signal(s) : FID1A.ch
Acq On : 21 Sep 2023 07:19 pm
Operator : Petro24a:cre
Sample : L2353698-03d,42,2, 2xprf
Misc : WG1830209,WG1828966,ical20112
ALS Vial : 14 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 25 11:19:52 2023
Quant Method : I:\PETRO\Petro24\2023\230921\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

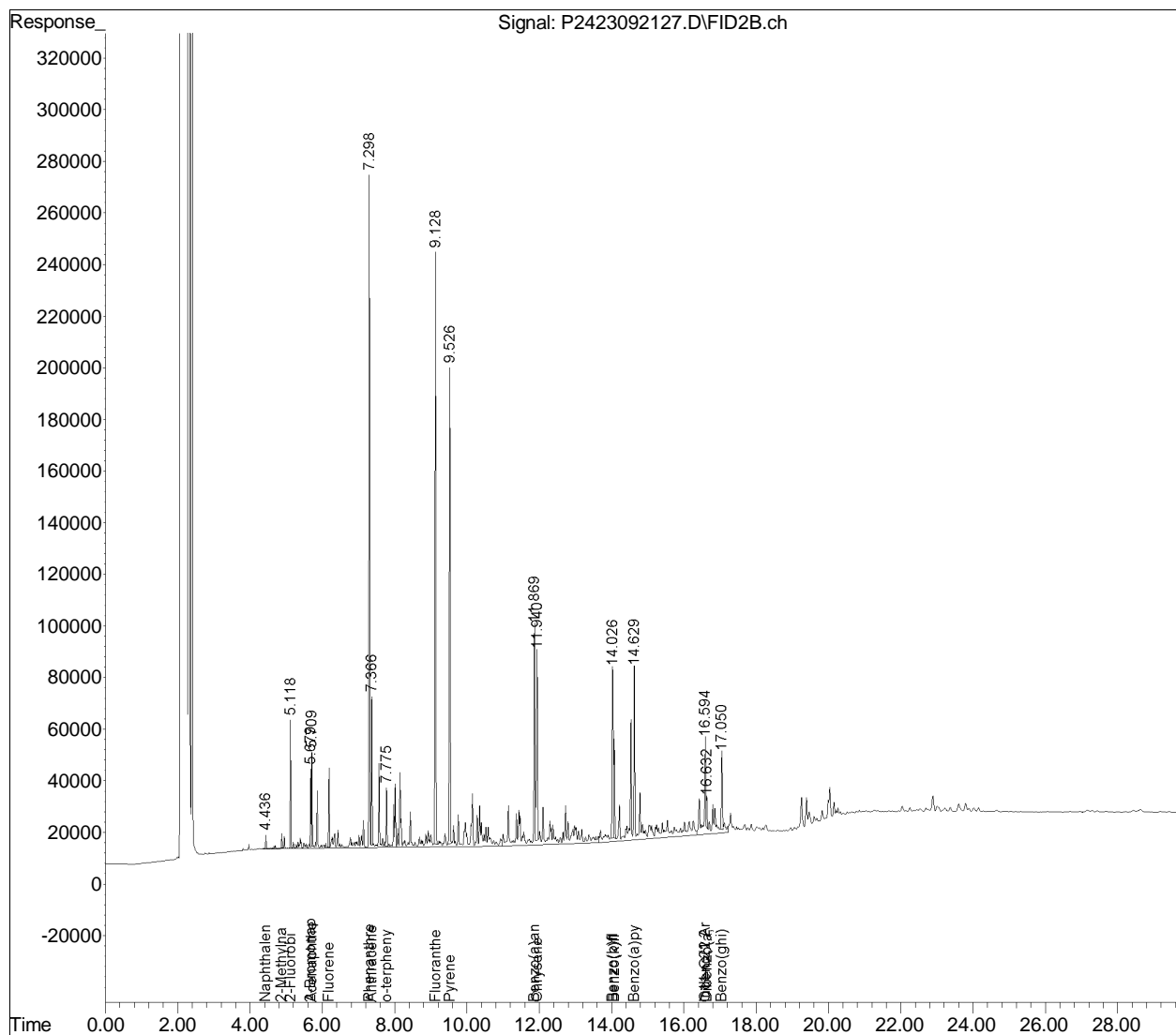


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230921.SEC\
 Data File : P2423092127.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2023 07:19 pm
 Operator : Petro24b:cre
 Sample : L2353698-03d,42,2, 2xprf
 Misc : WG1830209,WG1828966,ical20111
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 25 11:57:21 2023
 Quant Method : I:\PETRO\Petro24\2023\230921.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Thu Sep 21 09:50:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

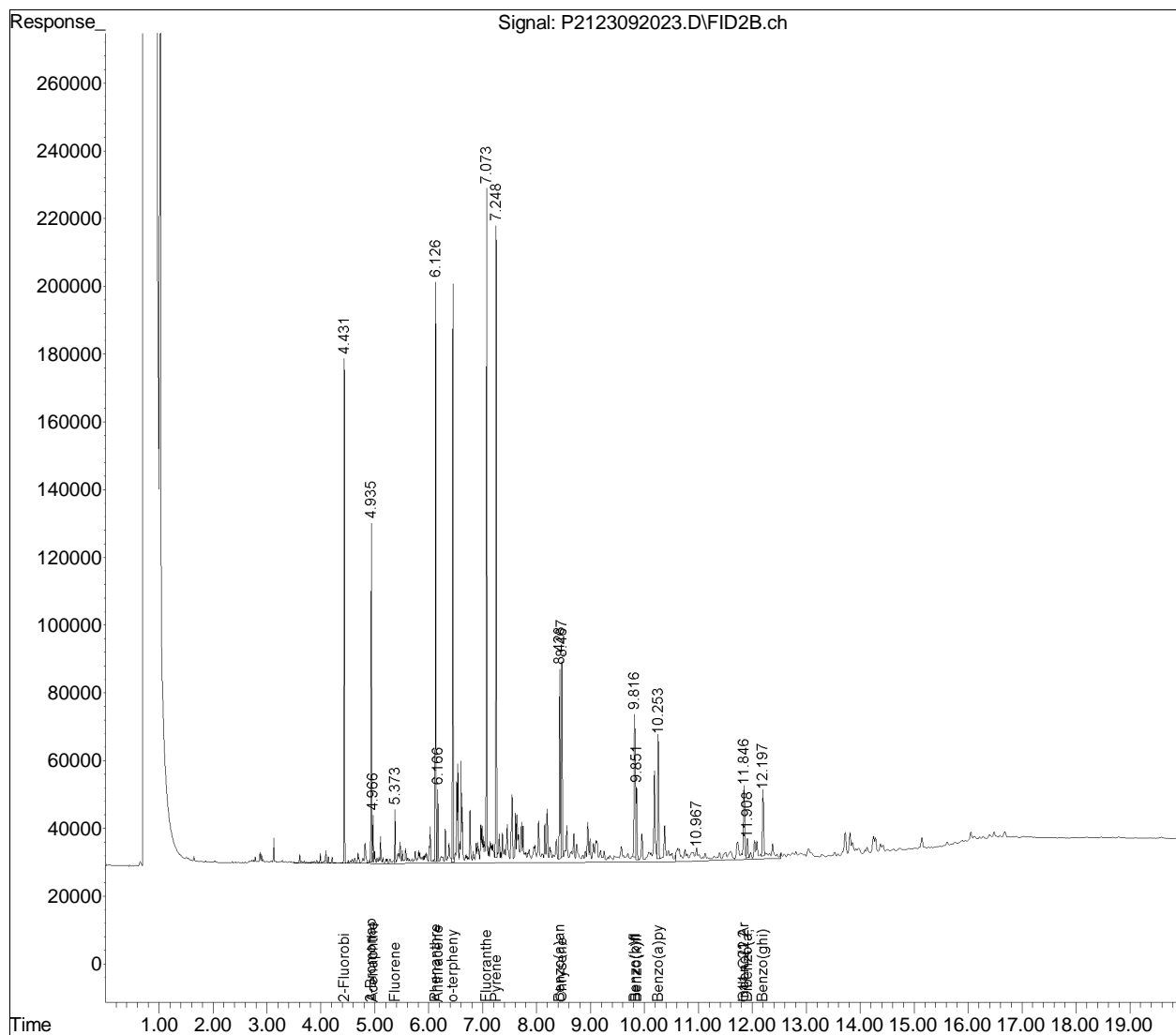


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092023.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 2:28 pm
 Operator : Petro21b:cre
 Sample : L2353698-04,42,,
 Misc : WG1829563,WG1828966,ical18504
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 15:32:48 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

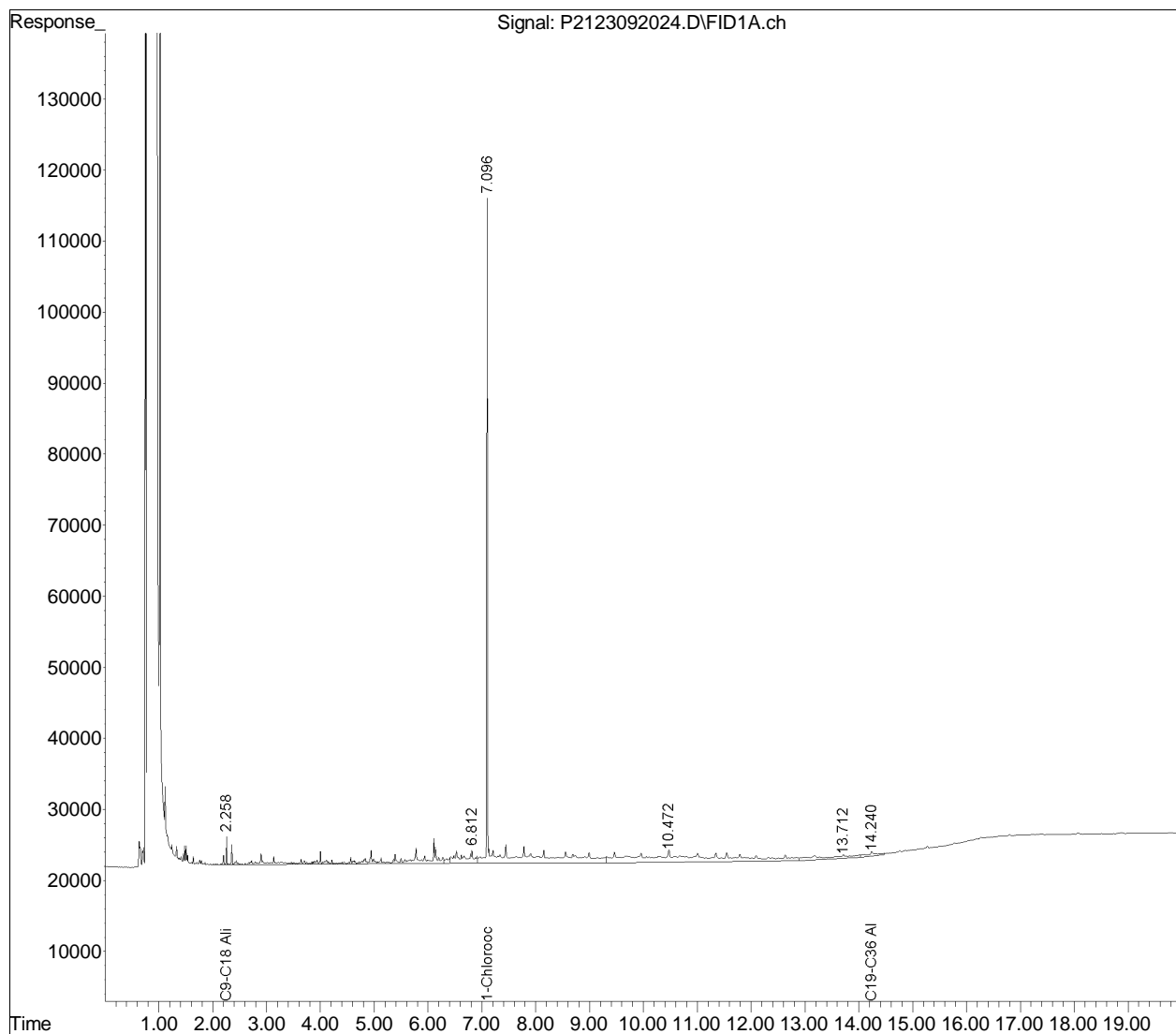


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092024.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 2:28 pm
Operator : Petro21a:cre
Sample : L2353698-04,42,,
Misc : WG1829563,WG1828966,ical18505
ALS Vial : 12 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 14:36:50 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

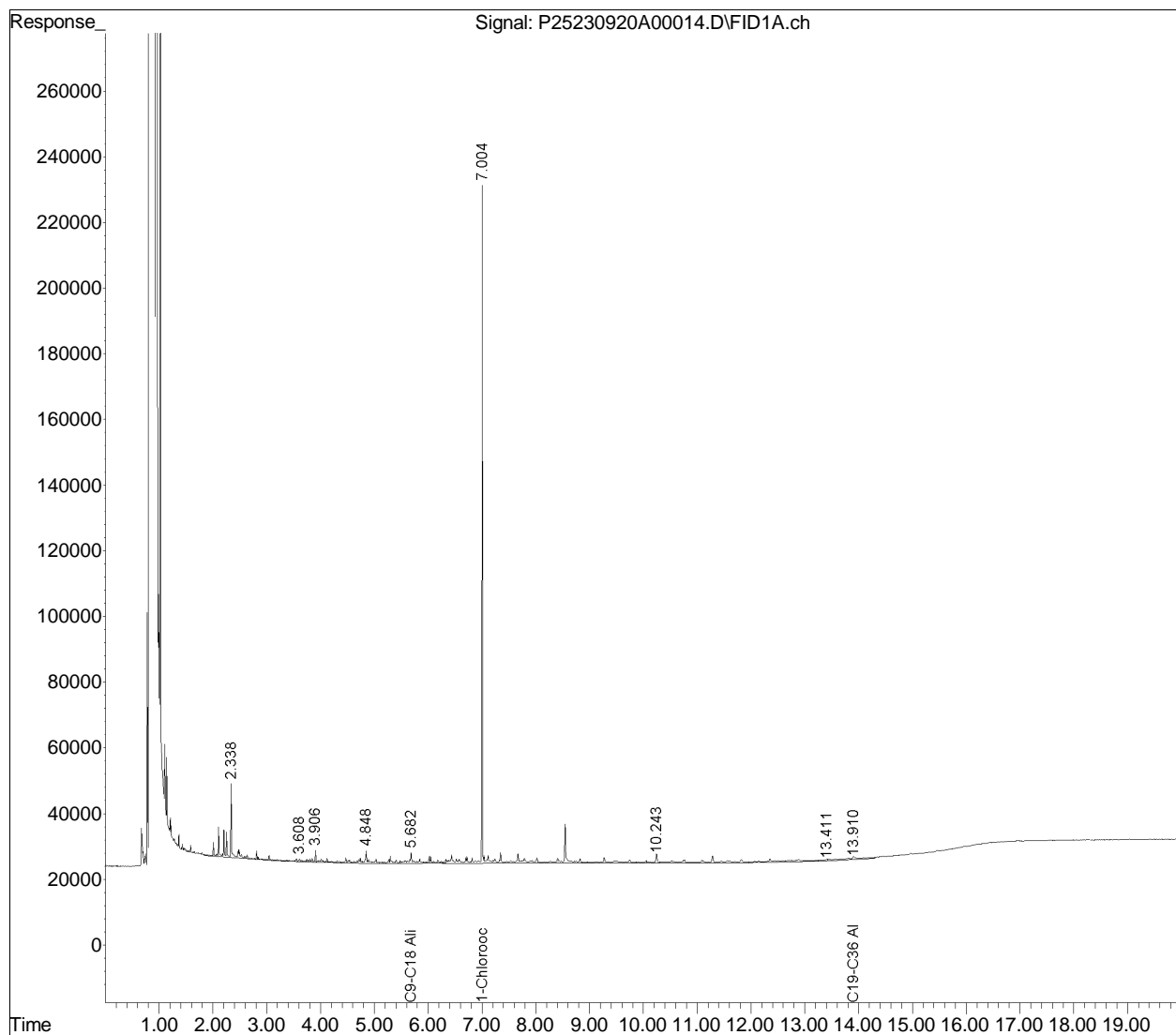


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920\
Data File : P25230920A00014.D
Signal(s) : FID1A.ch
Acq On : 20-Sep-2023, 14:50:32
Operator : Petro25a:sc
Sample : L2353698-05,42,,
Misc : WG1829568,WG1828966,ICAL20166
ALS Vial : 14 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 09:02:00 2023
Quant Method : I:\PETRO\Petro25\2023\230920\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 09:31:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

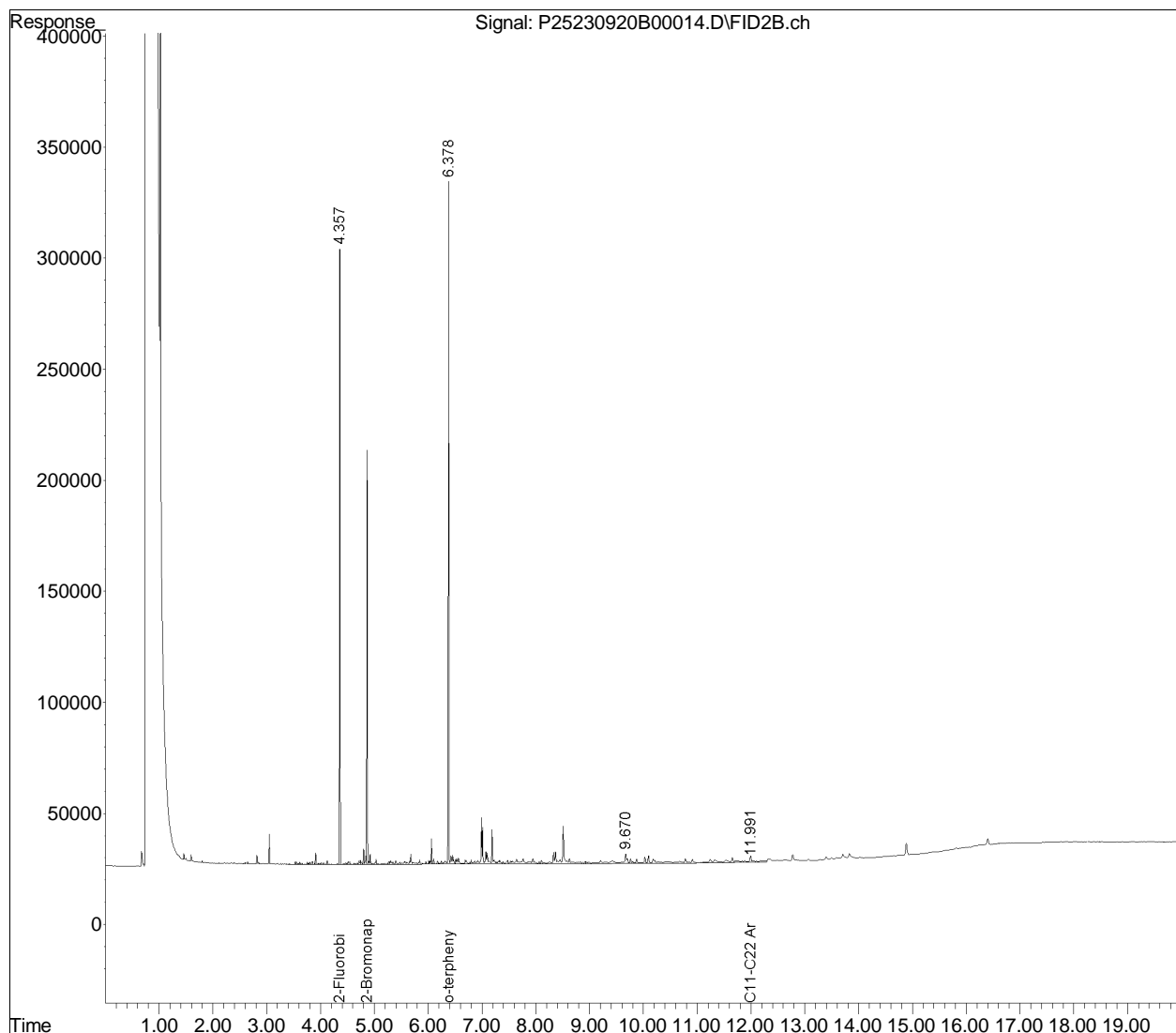


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920.sec\
Data File : P25230920B00014.D
Signal(s) : FID2B.ch
Acq On : 20-Sep-2023, 14:50:32
Operator : Petro25b:sc
Sample : L2353698-05,42,,
Misc : WG1829568,WG1828966,ICAL20167
ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 09:33:16 2023
Quant Method : I:\PETRO\Petro25\2023\230920.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

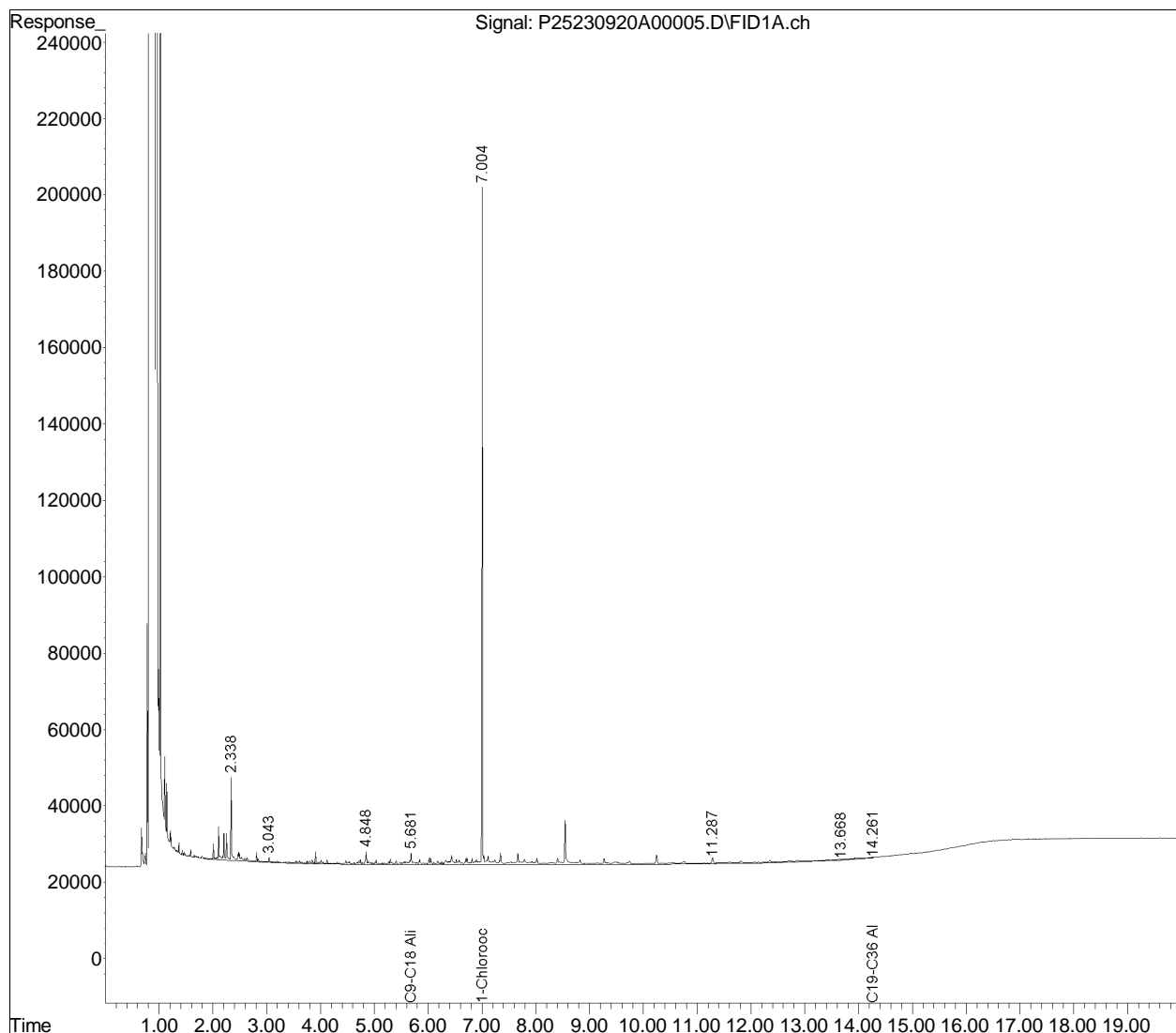


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920\
Data File : P25230920A00005.D
Signal(s) : FID1A.ch
Acq On : 20-Sep-2023, 11:06:19
Operator : Petro25a:sc
Sample : L2353698-06,42,,
Misc : WG1829568,WG1828966,ICAL20166
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 08:44:34 2023
Quant Method : I:\PETRO\Petro25\2023\230920\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 09:31:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

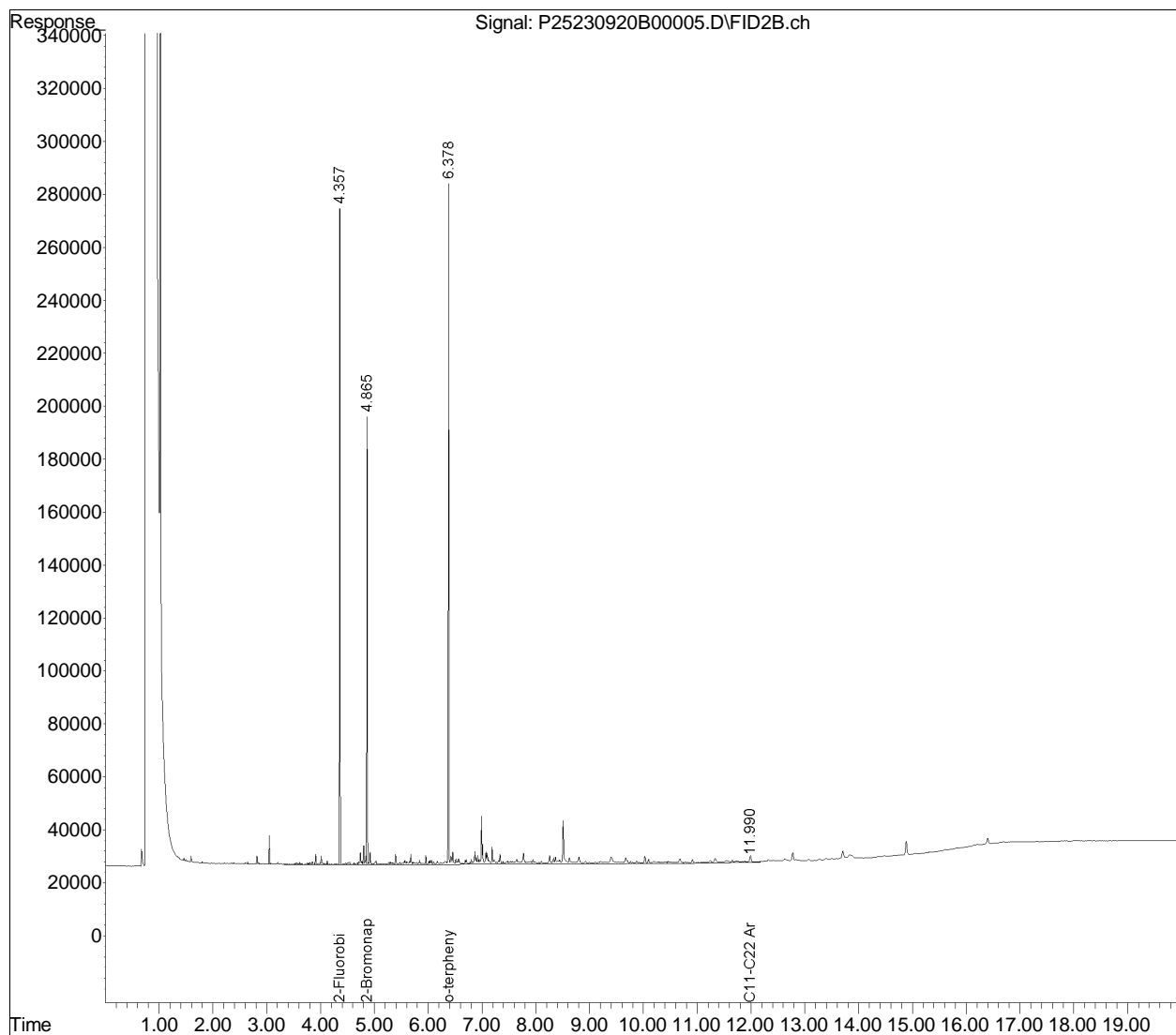


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920.sec\
Data File : P25230920B00005.D
Signal(s) : FID2B.ch
Acq On : 20-Sep-2023, 11:06:19
Operator : Petro25b:sc
Sample : L2353698-06,42,,
Misc : WG1829568,WG1828966,ICAL20167
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 09:24:39 2023
Quant Method : I:\PETRO\Petro25\2023\230920.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\

Data File : 13230918a-27.d

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 18 Sep 2023 12:35 pm

Operator : pest13:er

Sample : WG1827993-1,42,,

Misc : wg1828591,WG1827993,ical20295 (Sig #1); wg1828591,WG1827628,ical20

ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e

Integration File signal 2: events2.e

Quant Time: Sep 22 09:26:30 2023

Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m

Quant Title : pcb

QLast Update : Wed Sep 13 12:33:26 2023

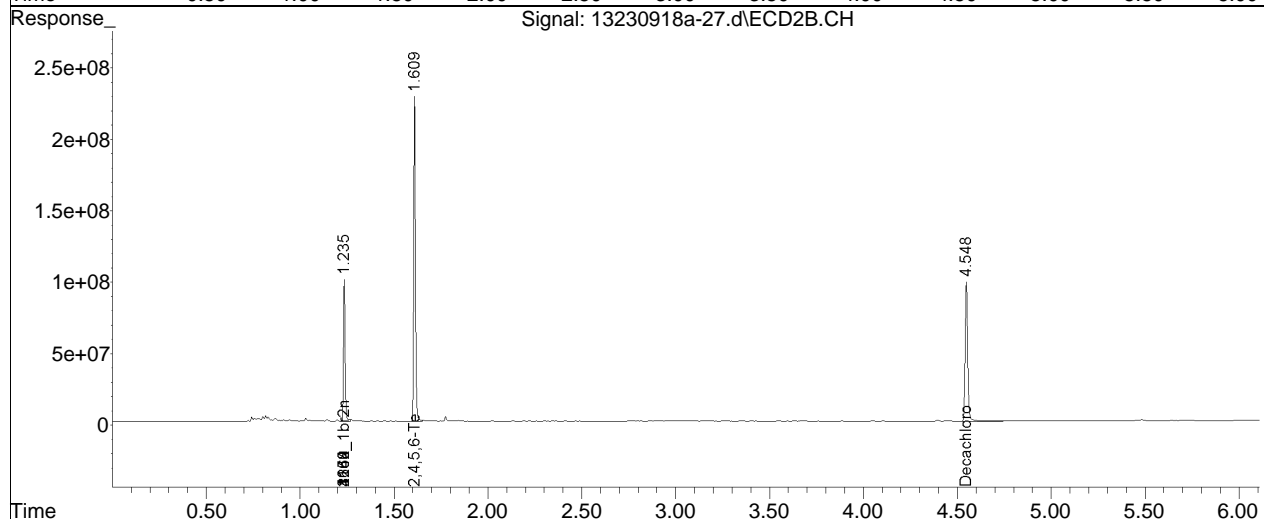
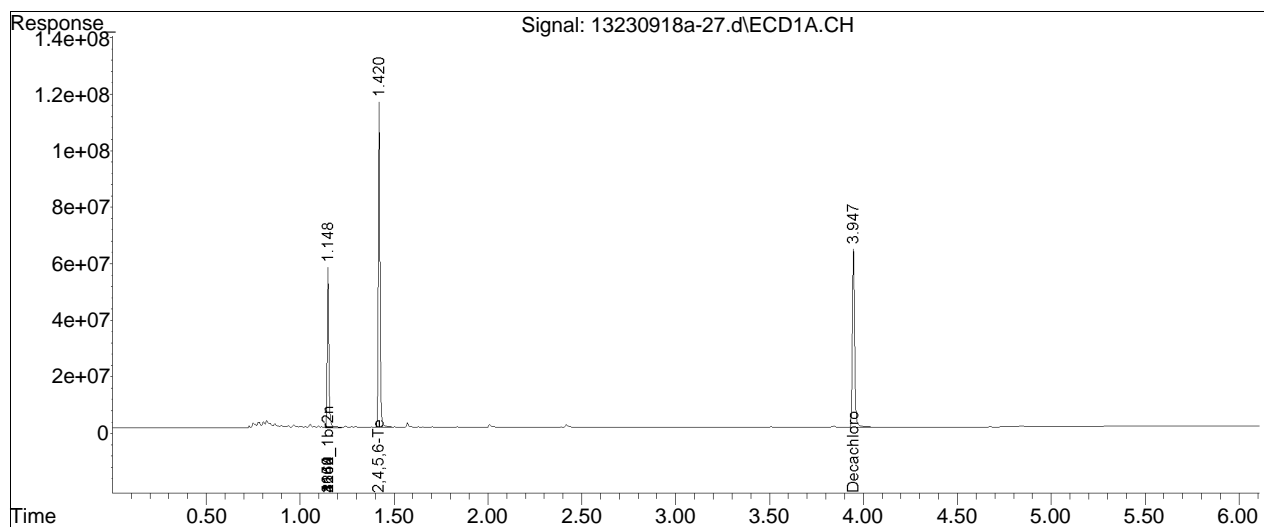
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :

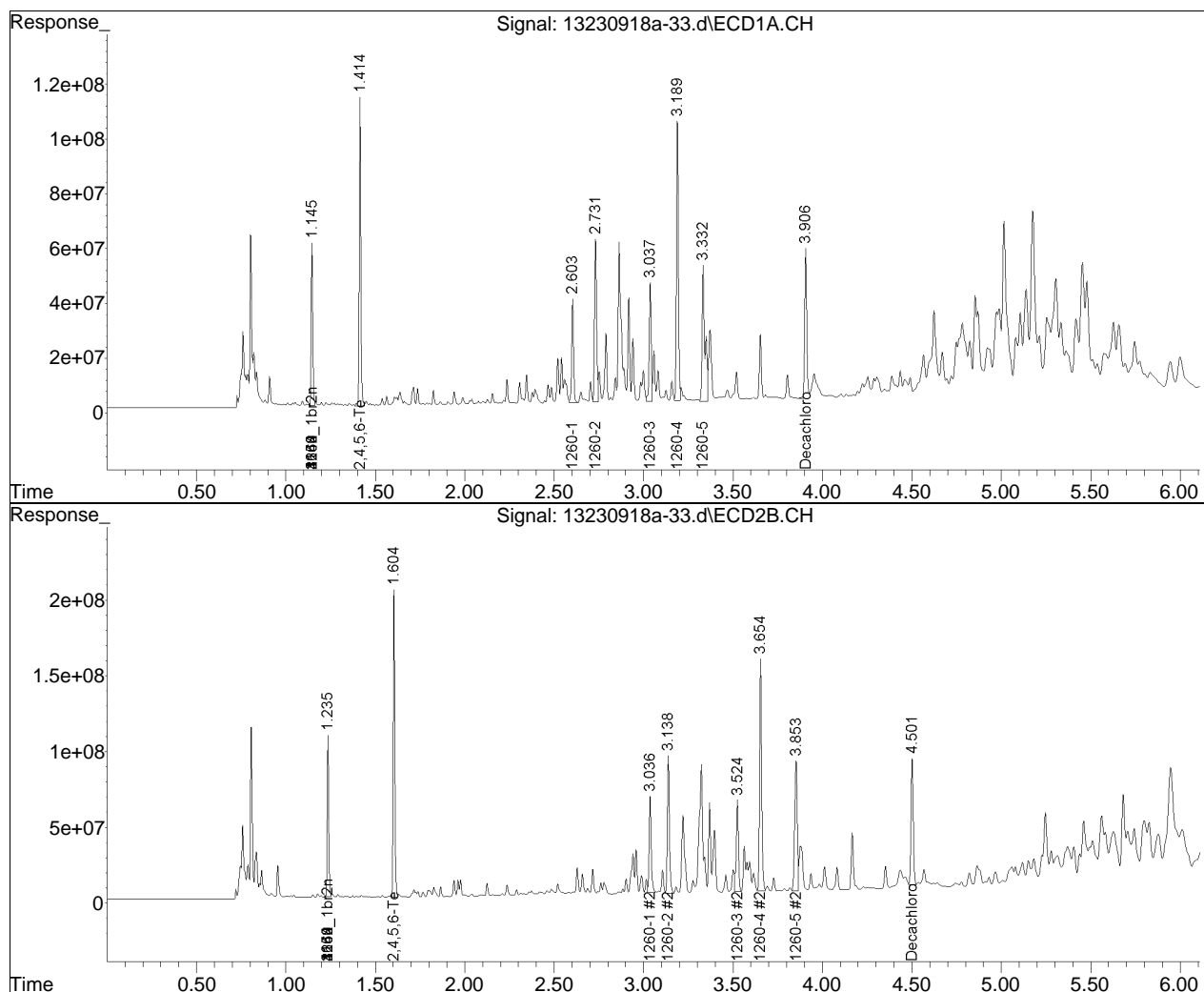


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-33.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 1:35 pm
 Operator : pest13:er
 Sample : L2353698-01,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 33 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:37:11 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

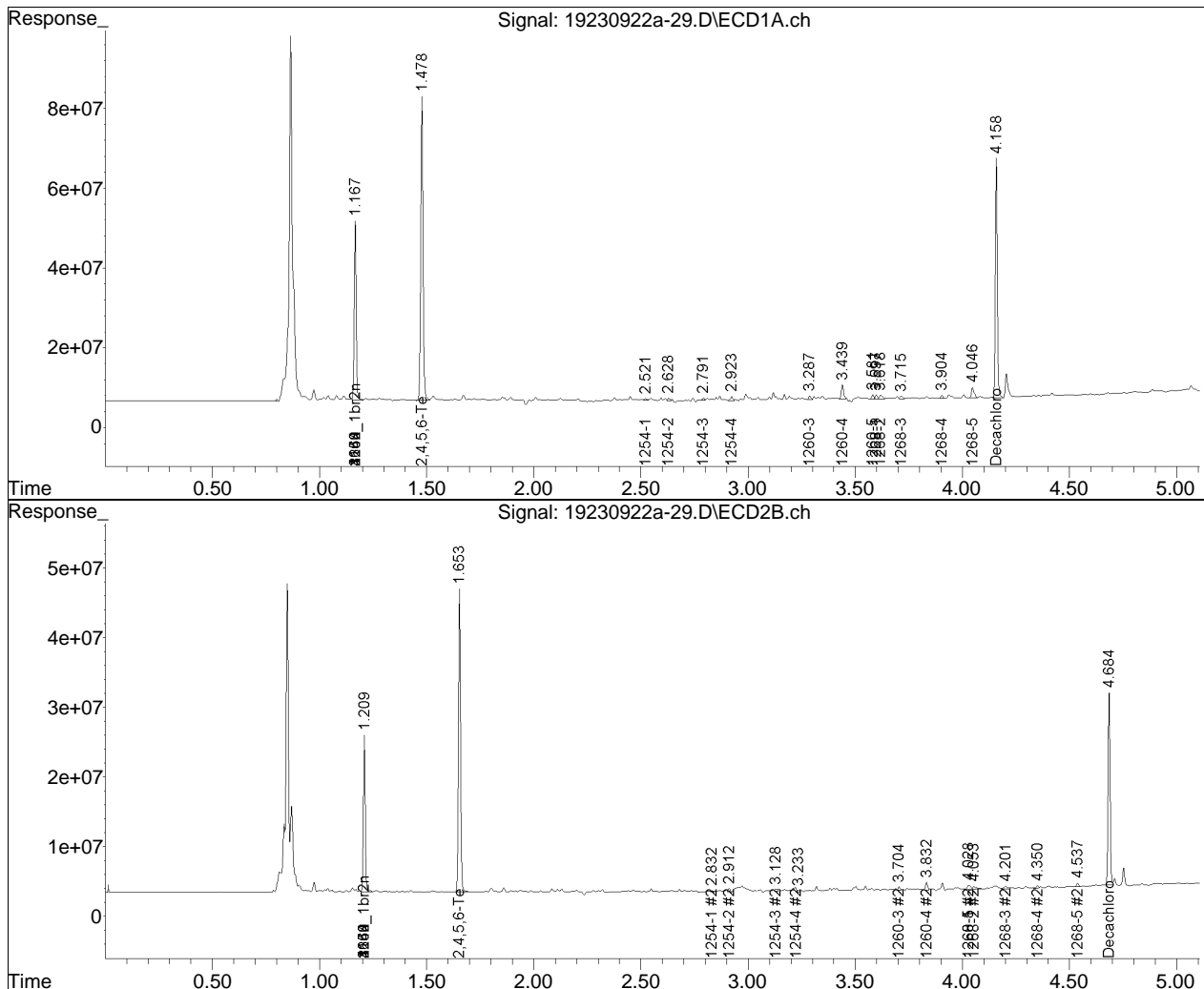


Sub List : Default - All compounds listed\19230922a-23.D••

Data Path : I:\PCB\Pest19\2023\230922a\
 Data File : 19230922a-29.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2023 04:51 pm
 Operator : pest19:meo
 Sample : L2353698-02,42,, rrc0
 Misc : wg1830613,WG1827993,ical20293
 ALS Vial : 29 Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Sep 28 15:27:31 2023
 Quant Method : I:\PCB\Pest19\2023\230922a\P19_pcb_08_14_23_ugL_ICAL20293.m
 Quant Title : pcb
 QLast Update : Thu Aug 24 08:37:54 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

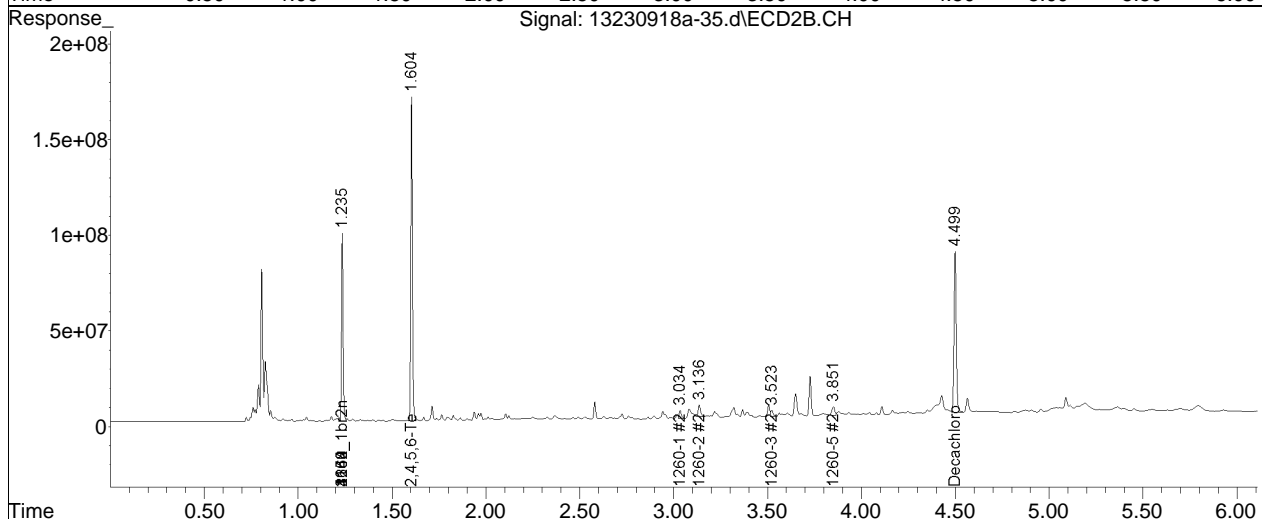
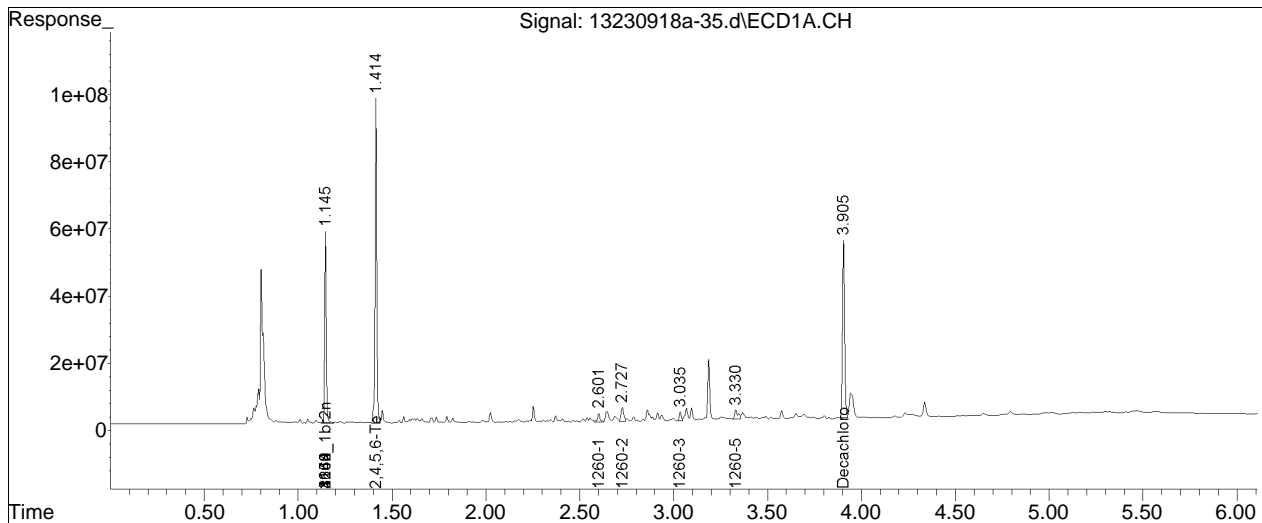


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-35.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 1:54 pm
 Operator : pest13:er
 Sample : L2353698-03,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 35 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:39:56 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

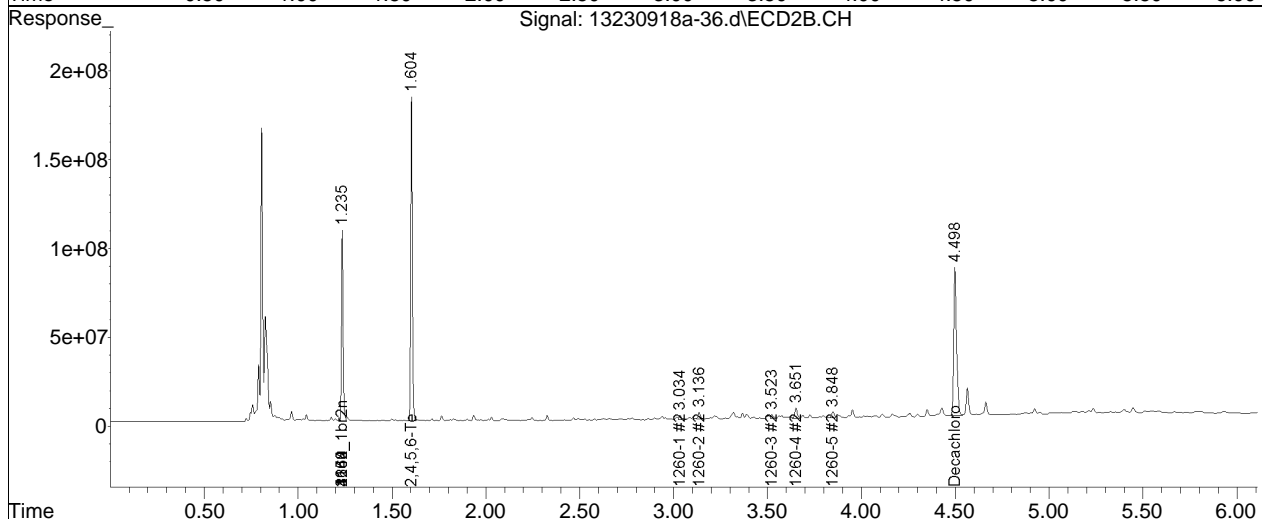
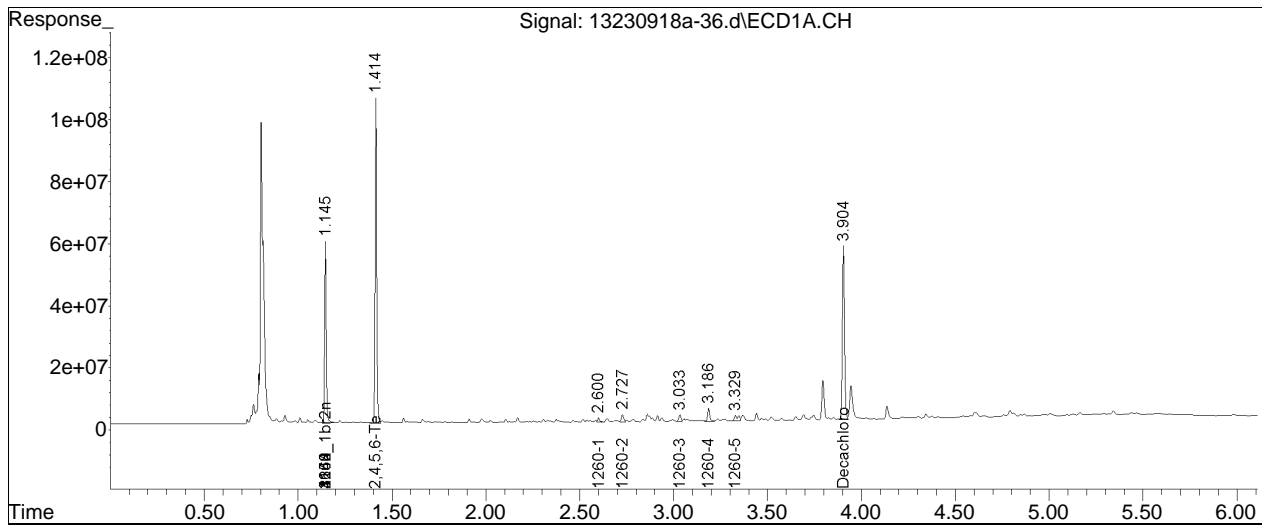


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-36.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 2:04 pm
 Operator : pest13:er
 Sample : L2353698-04,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 36 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:42:18 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

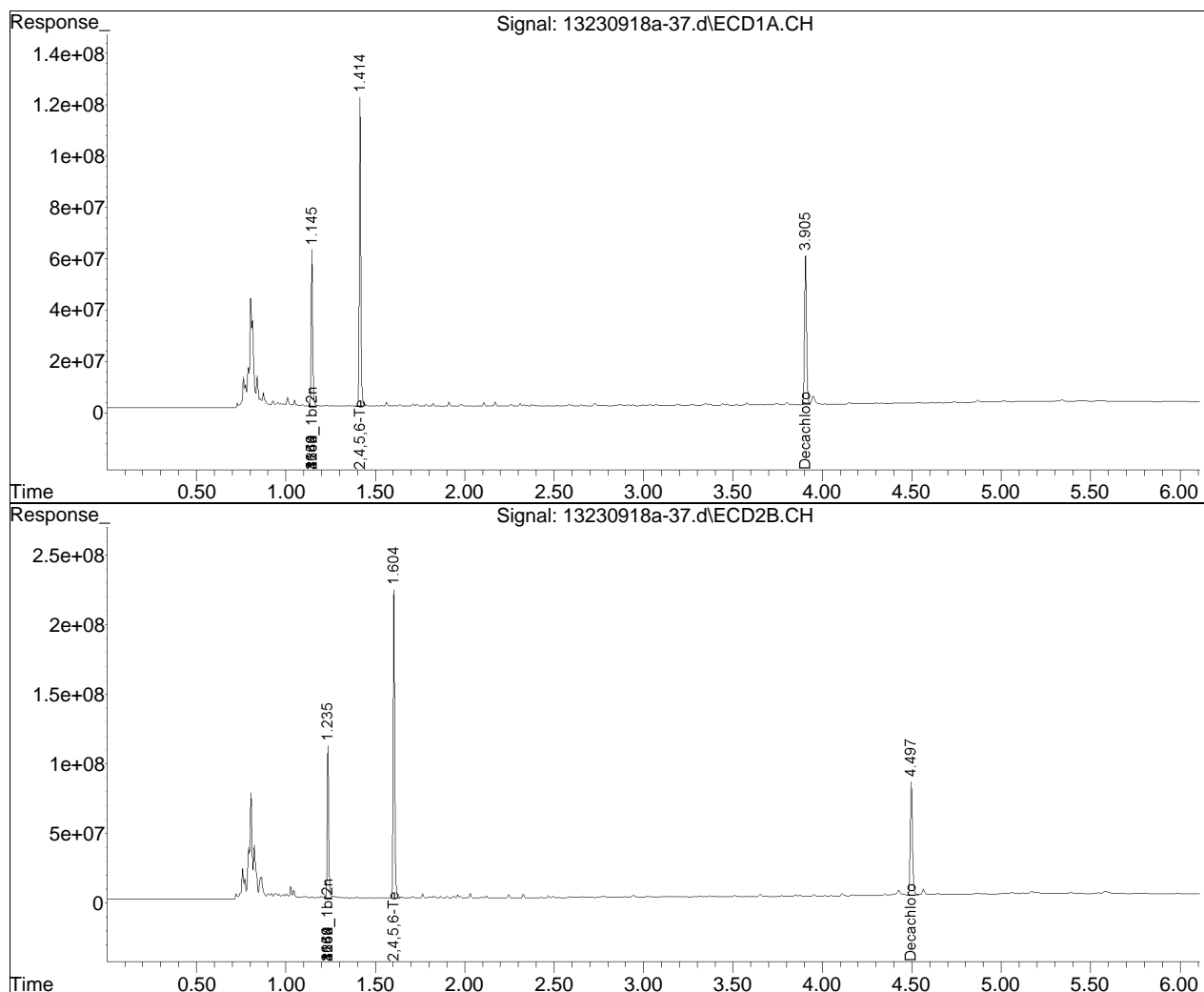


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-37.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 2:14 pm
 Operator : pest13:er
 Sample : L2353698-05,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 37 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:43:29 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

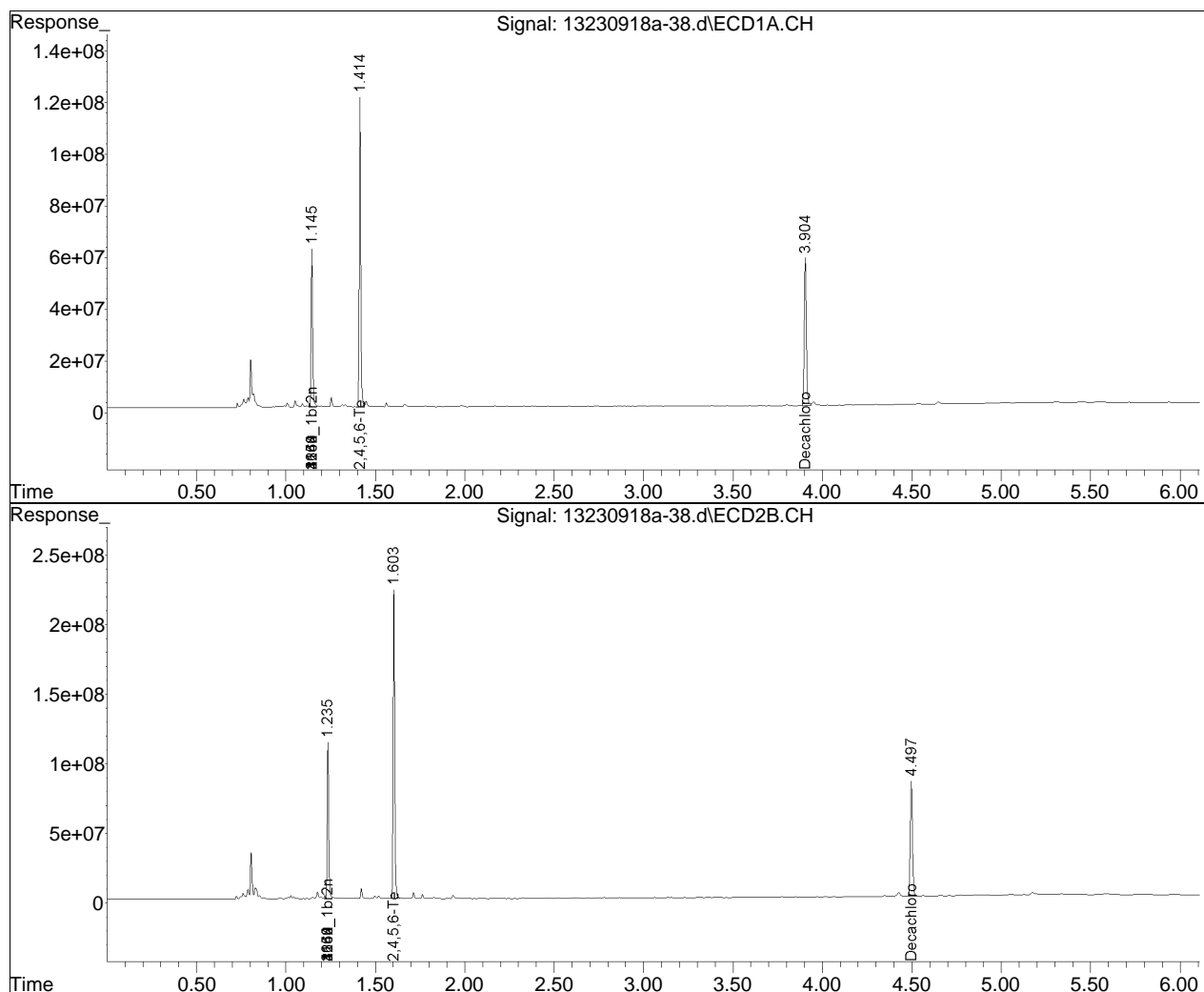


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-38.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 2:24 pm
 Operator : pest13:er
 Sample : L2353698-06,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 38 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:44:31 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



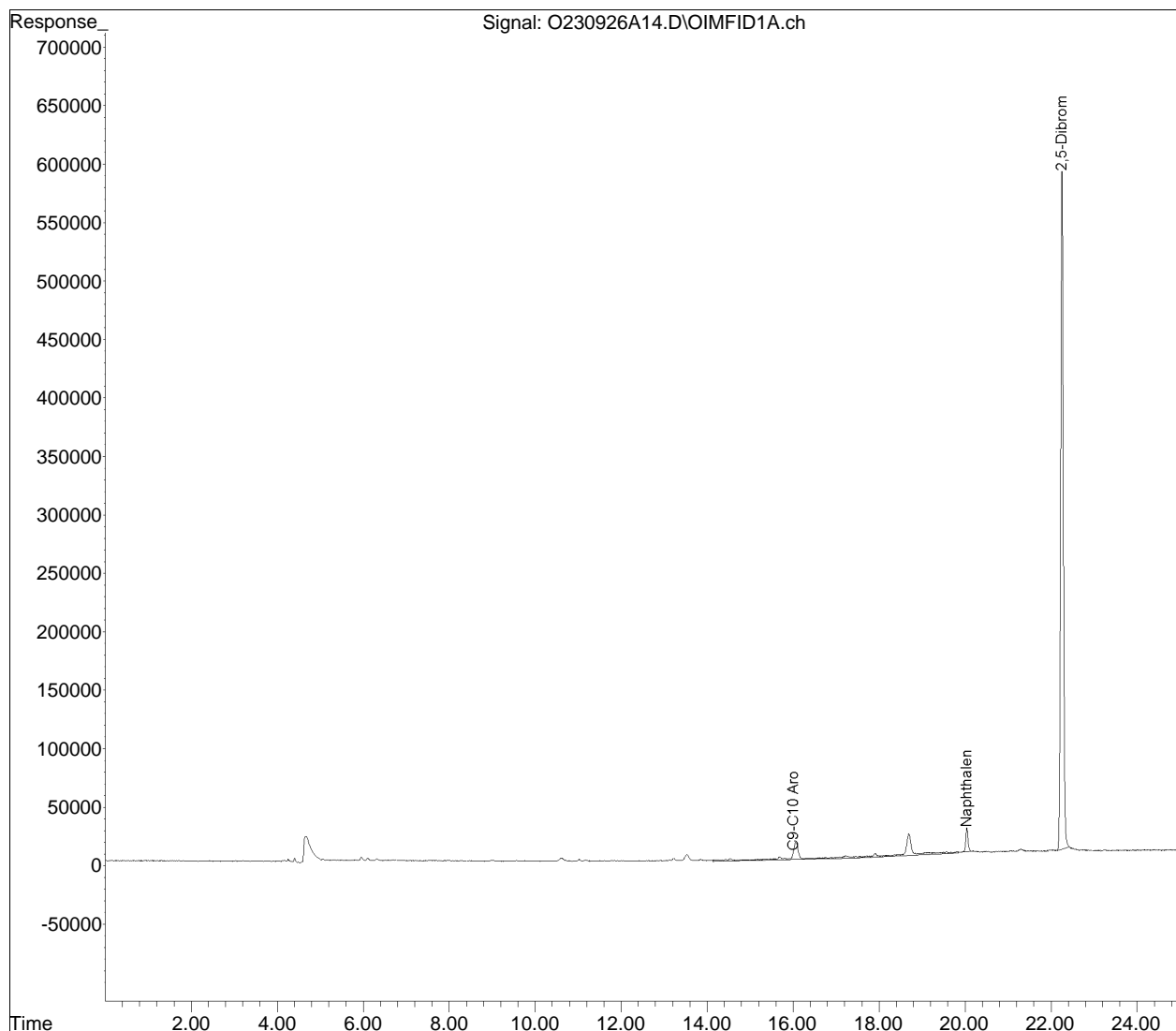
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A14.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:41:44 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



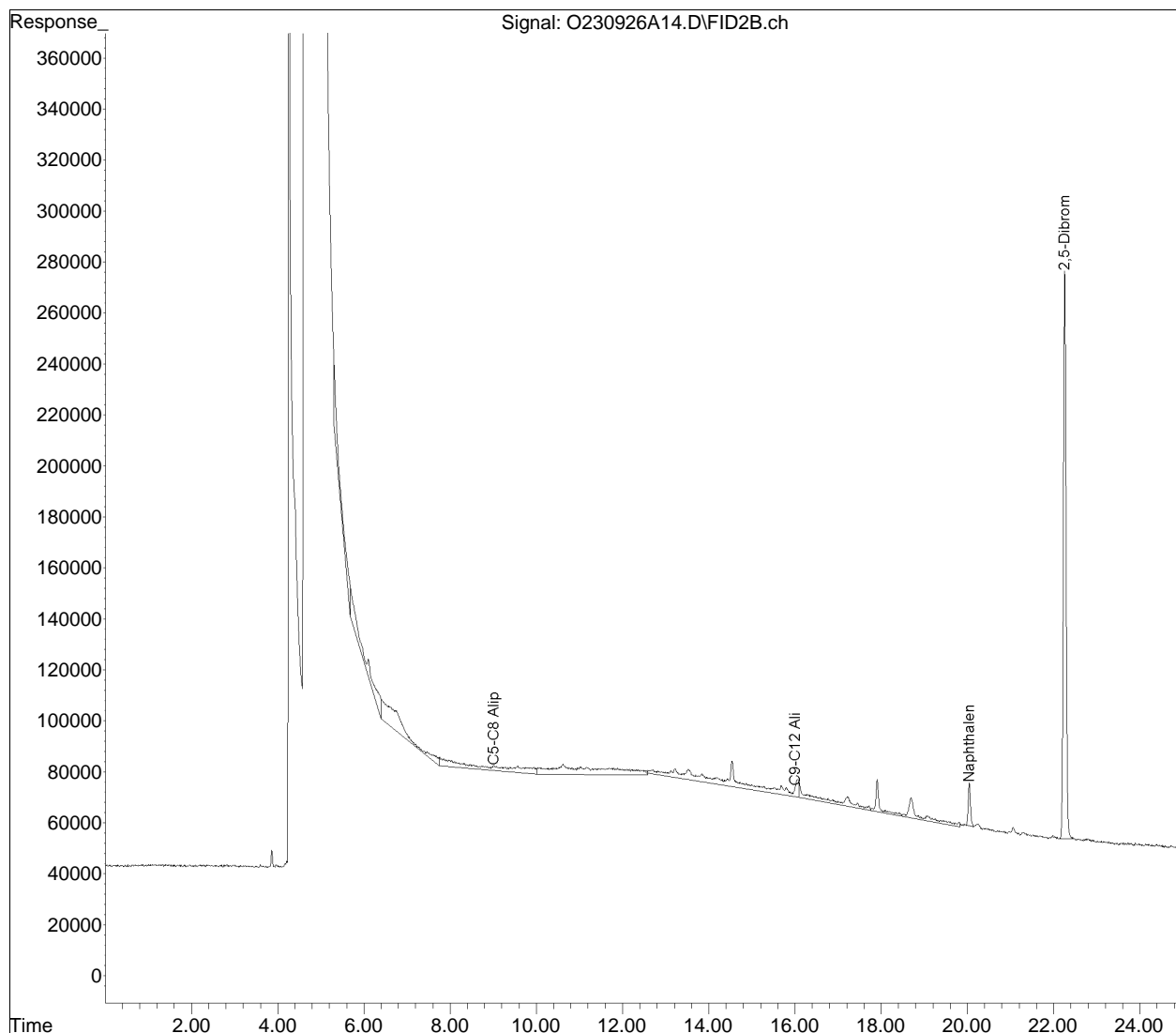
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A14.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:24:54 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



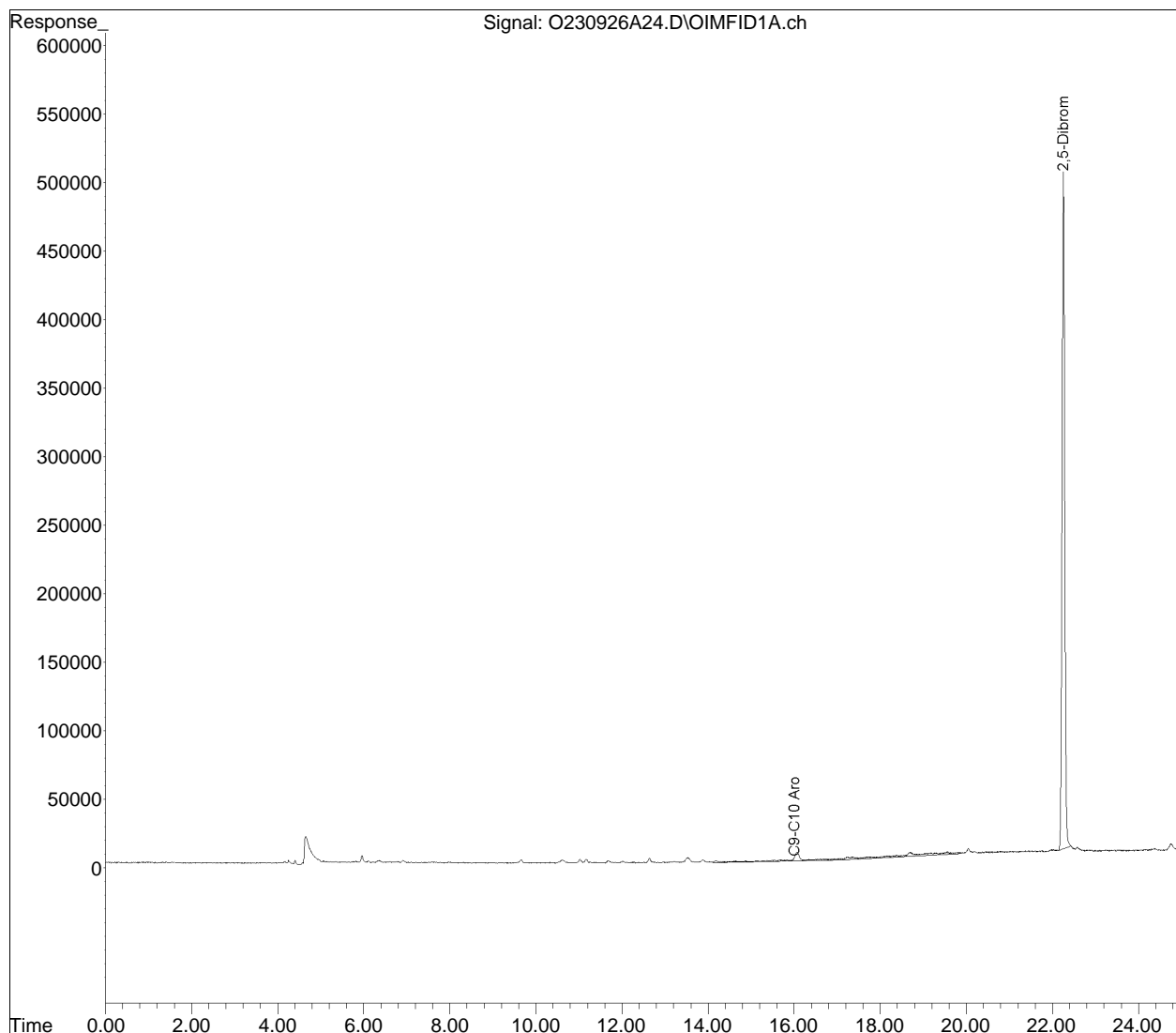
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A24.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 12:16 am
Operator : OVPH:BAD
Sample : L2353698-01,41,15,22.07,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:03 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



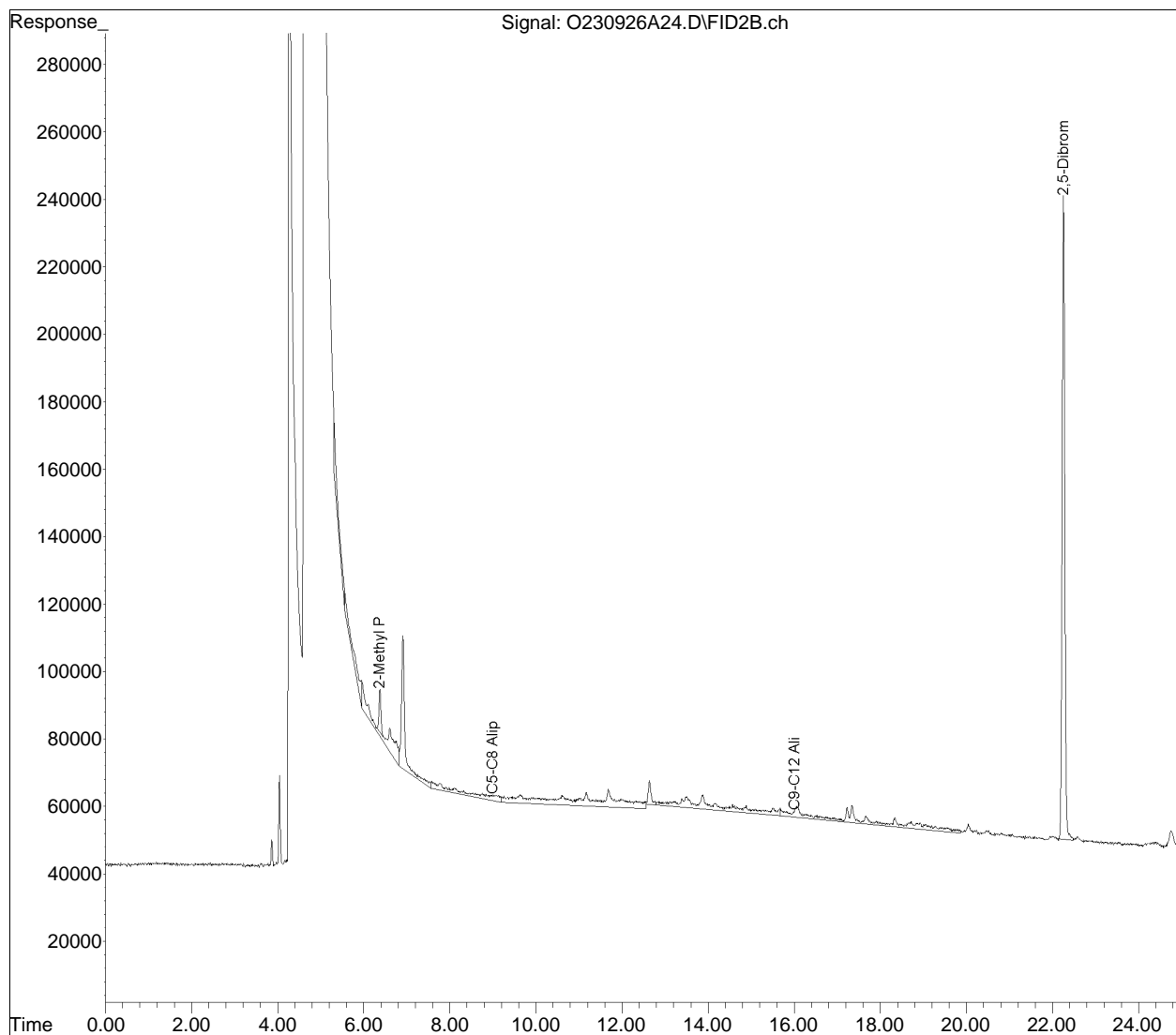
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A24.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 12:16 am
Operator : OVPH:BAD
Sample : L2353698-01,41,15,22.07,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:10 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



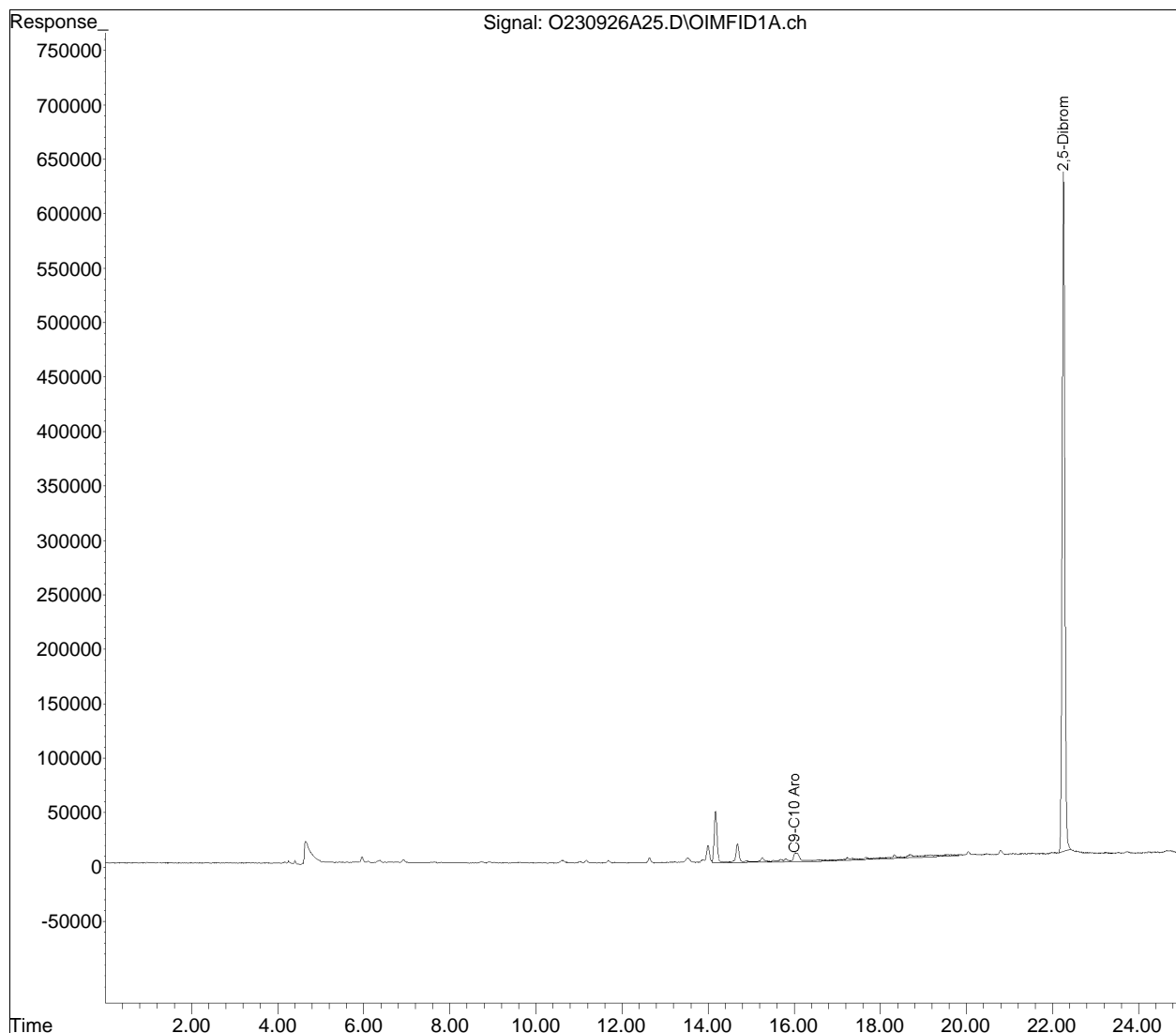
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A25.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 12:46 am
Operator : OVPH:BAD
Sample : L2353698-02,41,15,22.83,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:05 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



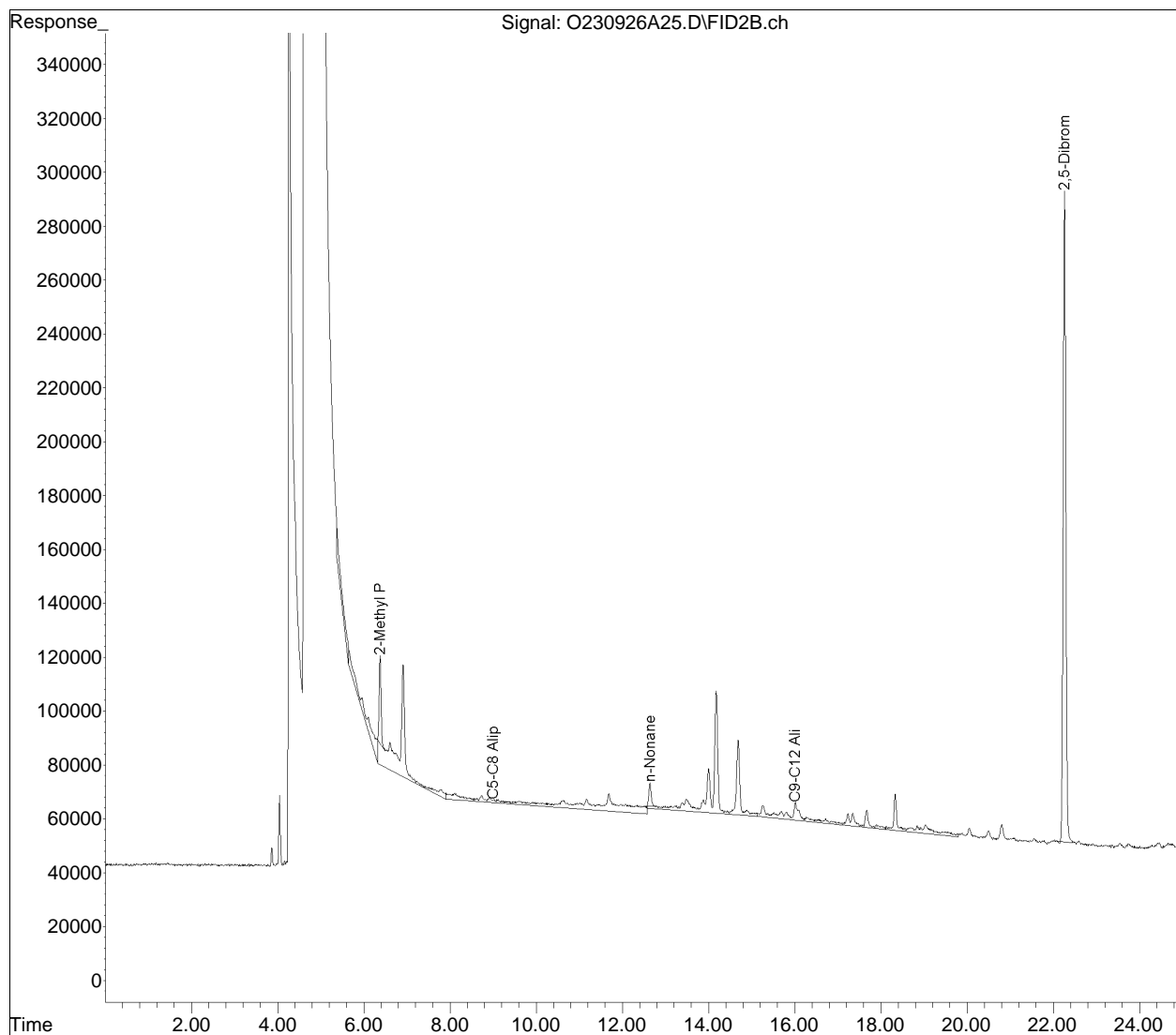
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A25.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 12:46 am
Operator : OVPH:BAD
Sample : L2353698-02,41,15,22.83,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 25 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:12 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



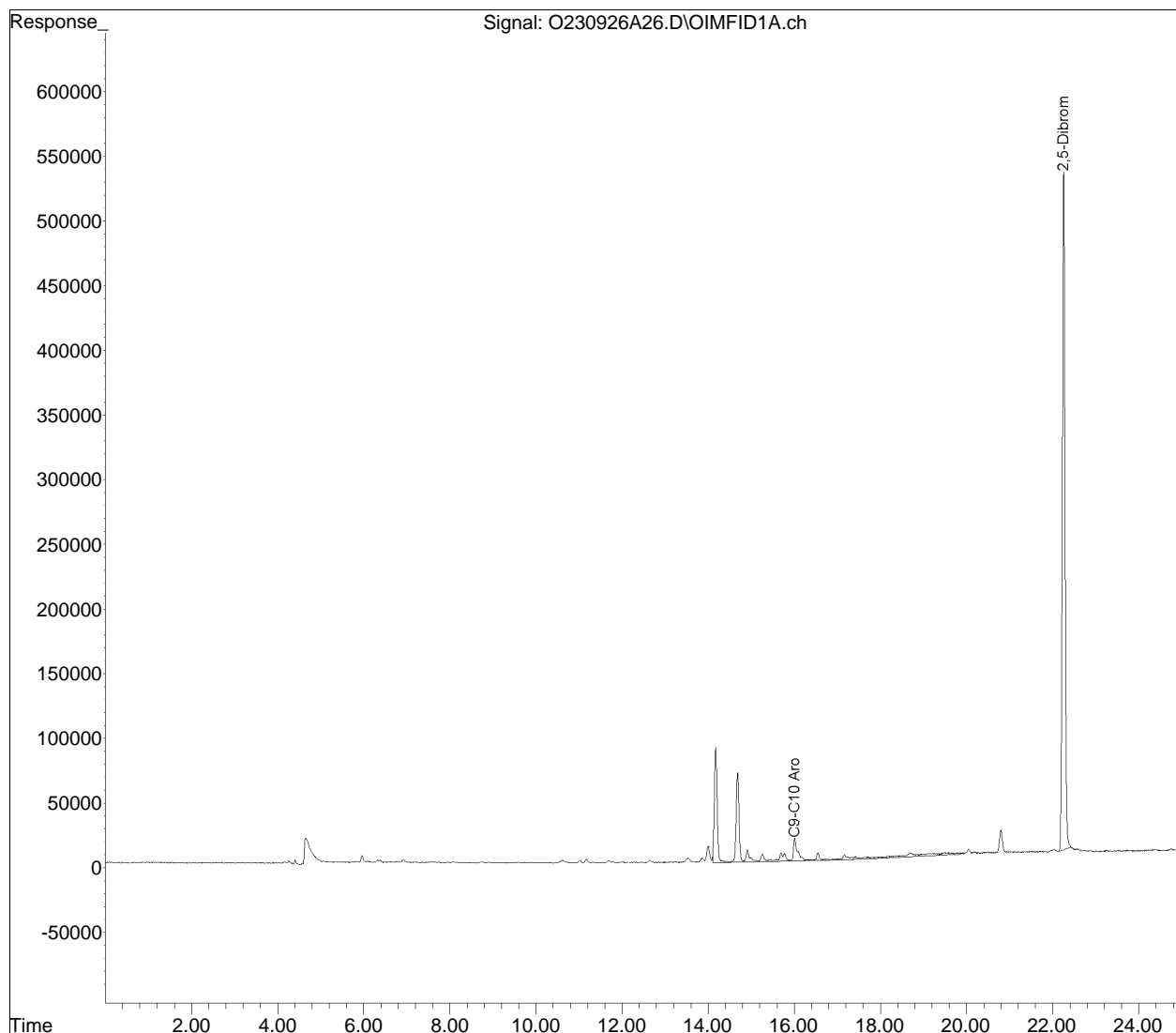
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A26.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 1:16 am
Operator : OVPH:BAD
Sample : L2353698-03,41,15,24.56,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:07 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



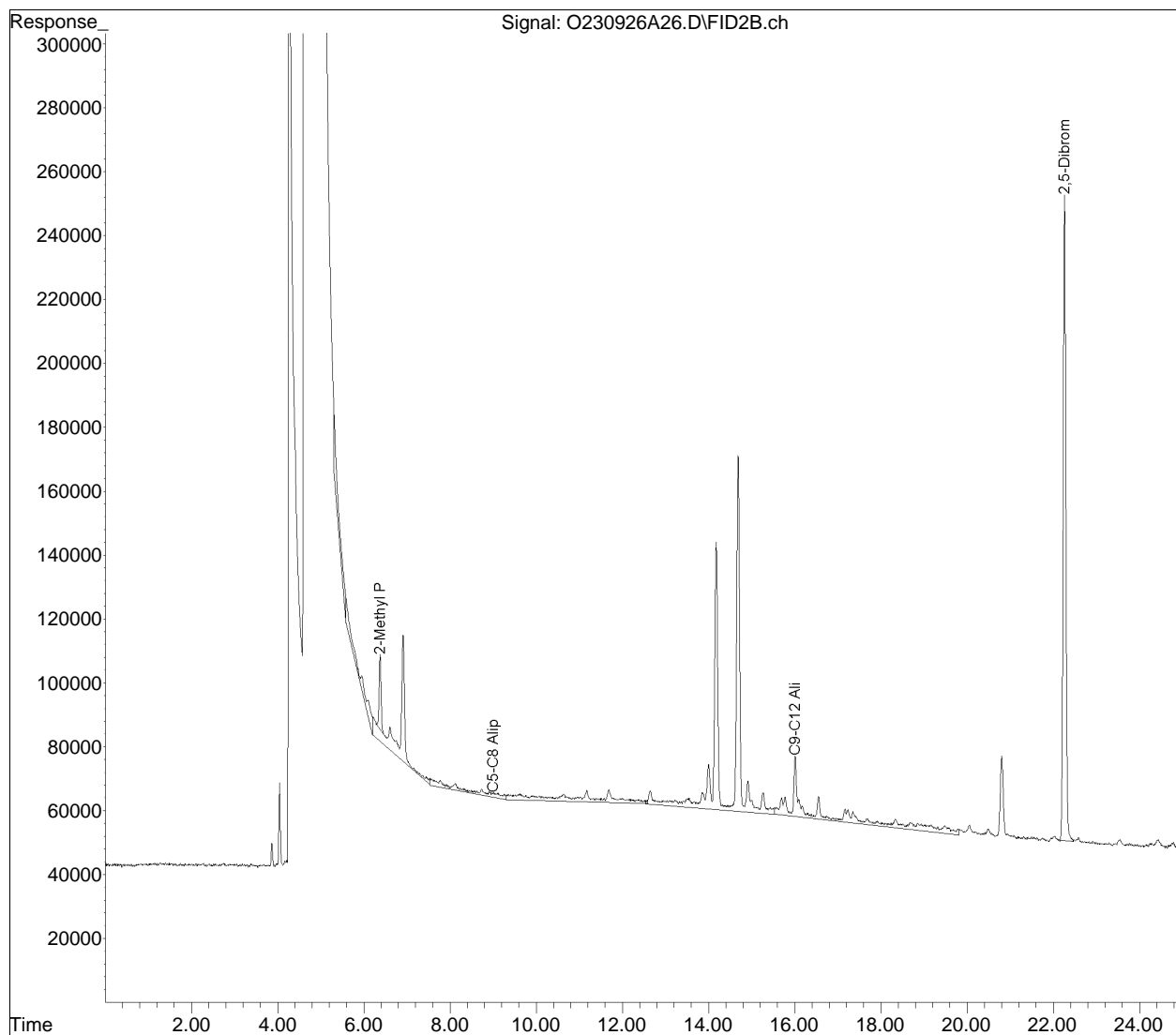
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A26.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 1:16 am
Operator : OVPH:BAD
Sample : L2353698-03,41,15,24.56,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 26 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:14 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



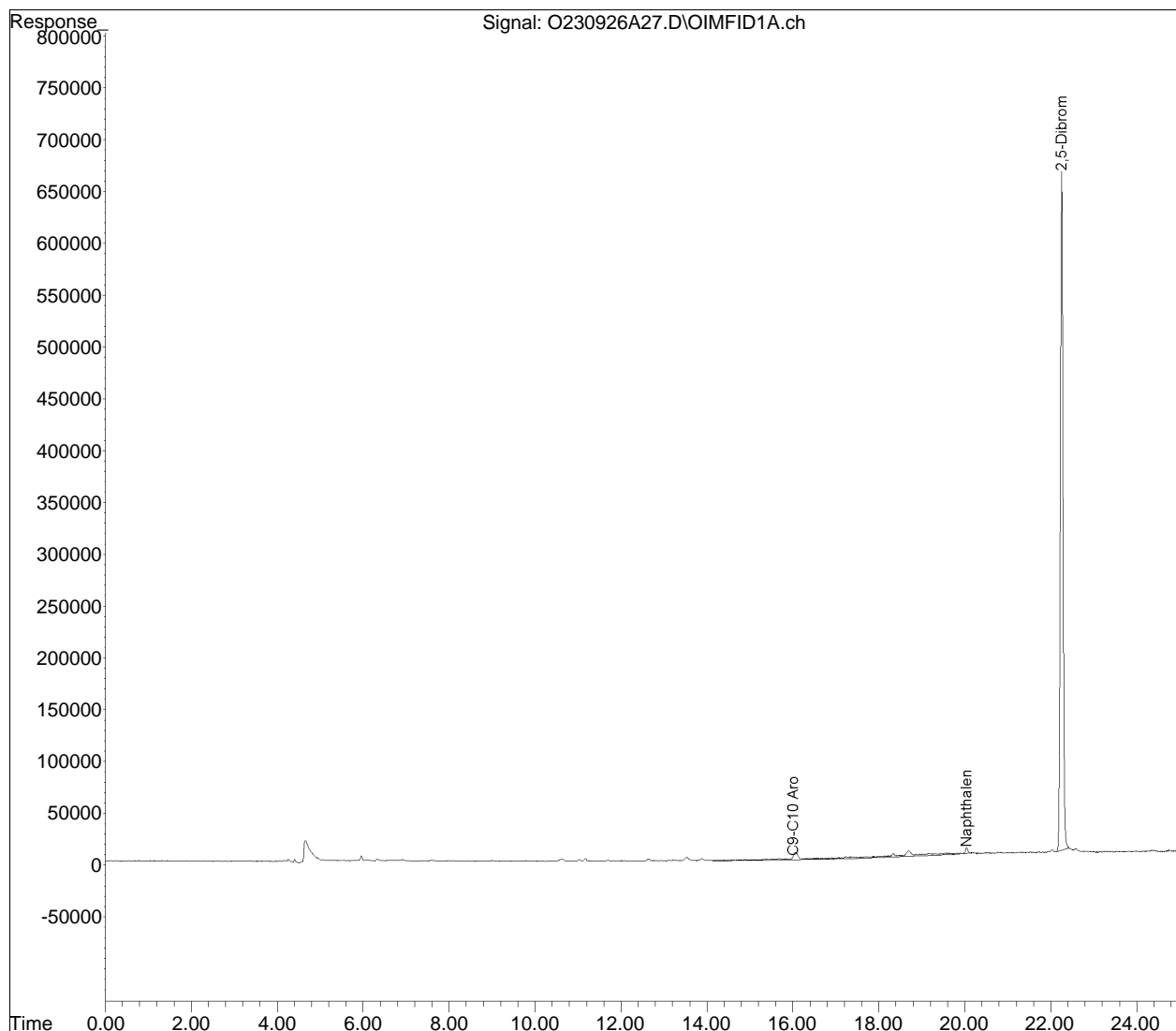
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A27.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 1:46 am
Operator : OVPH:BAD
Sample : L2353698-04,41,15,20.48,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:09 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



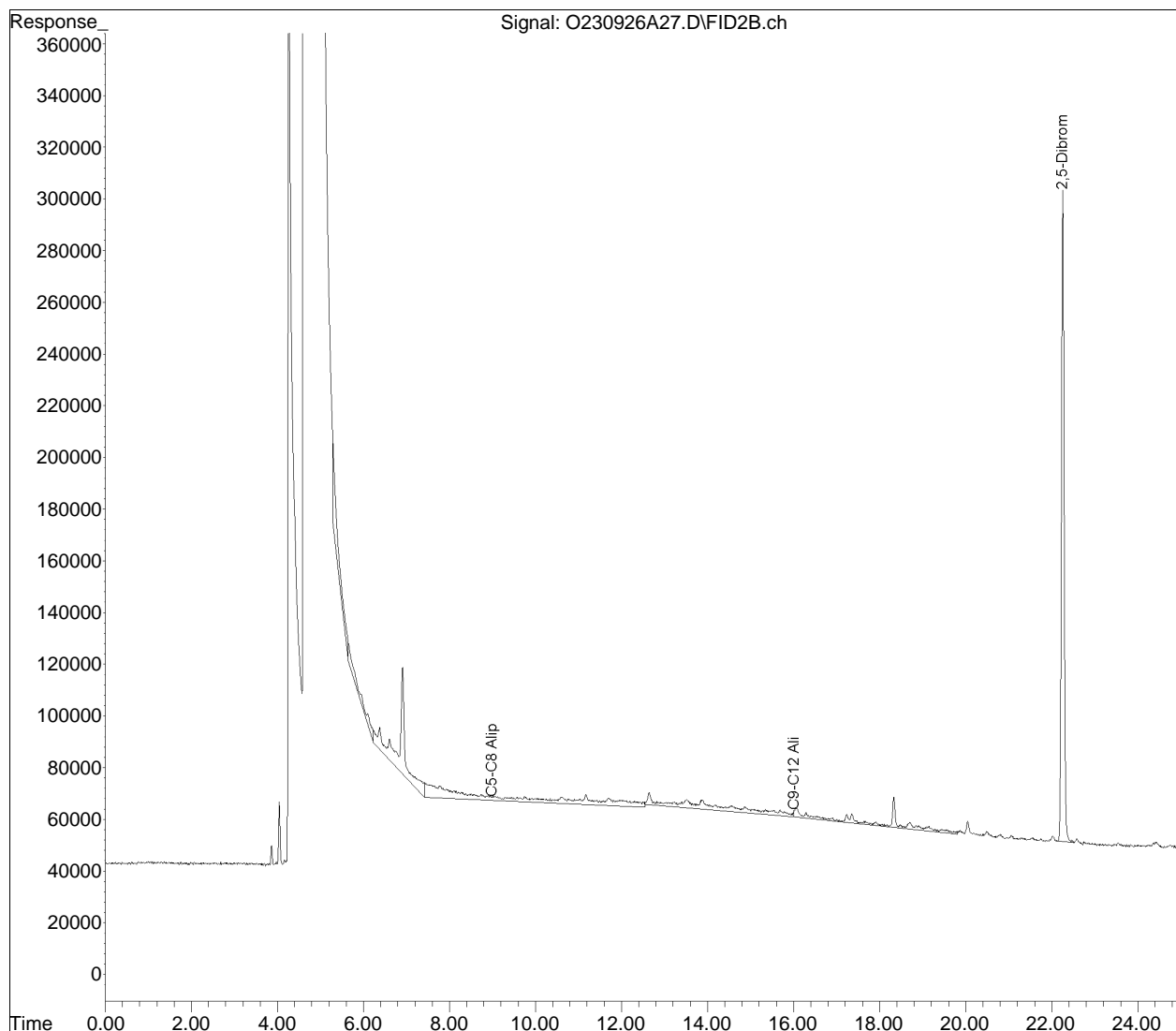
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A27.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 1:46 am
Operator : OVPH:BAD
Sample : L2353698-04,41,15,20.48,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 27 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:16 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



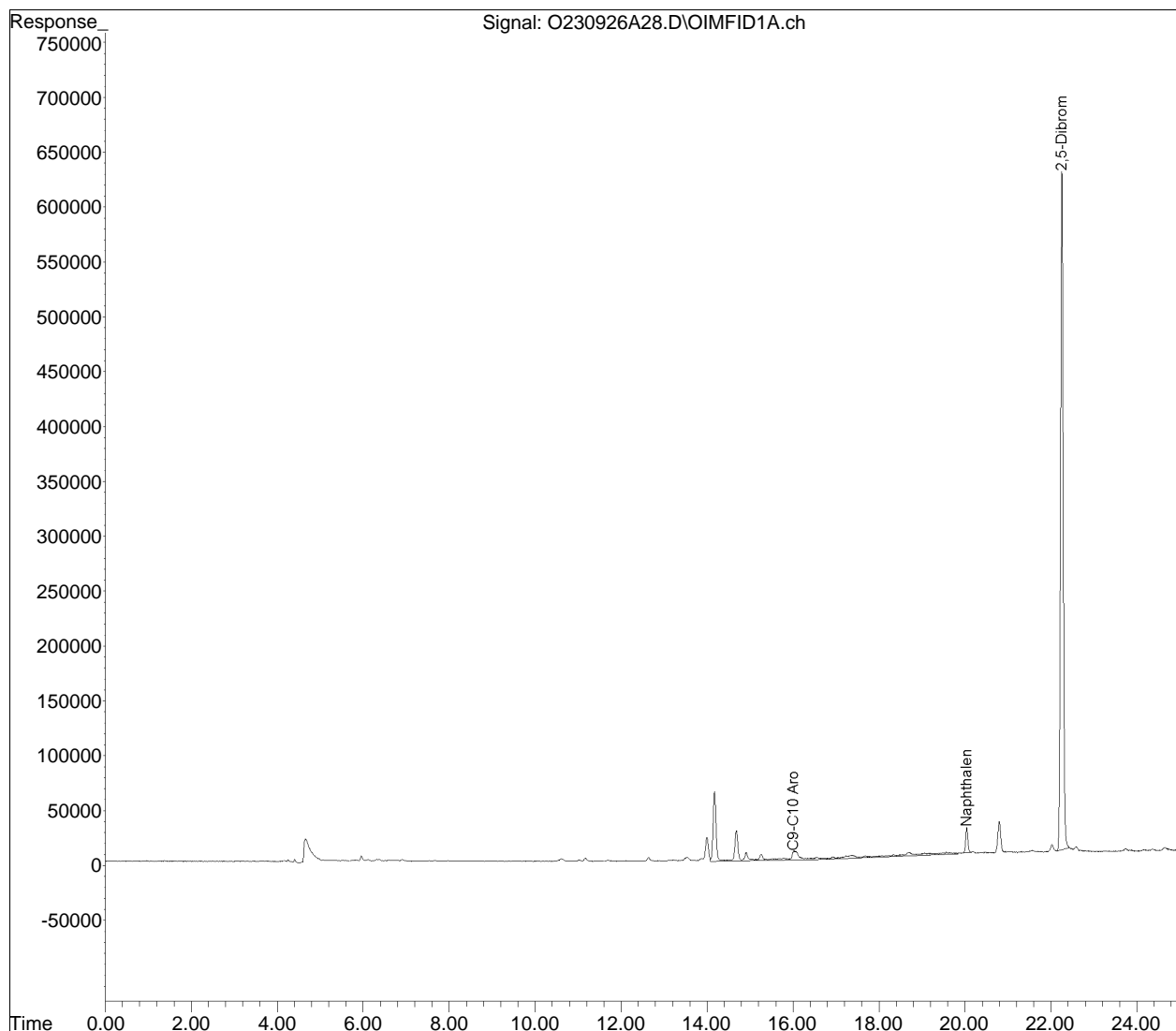
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A28.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 2:16 am
Operator : OVPH:BAD
Sample : L2353698-05,41,15,21.18,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:11 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



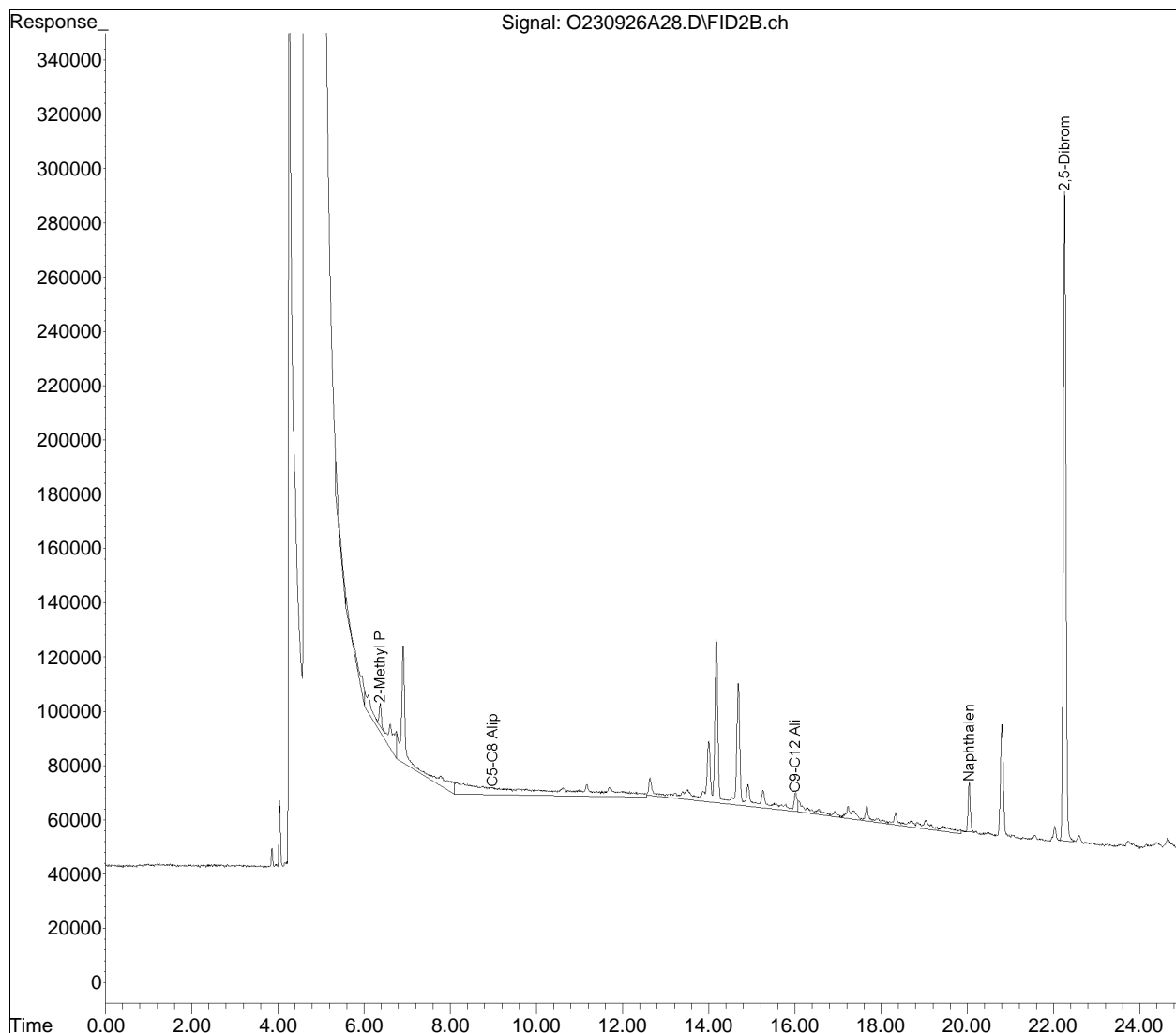
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A28.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 2:16 am
Operator : OVPH:BAD
Sample : L2353698-05,41,15,21.18,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 28 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:18 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



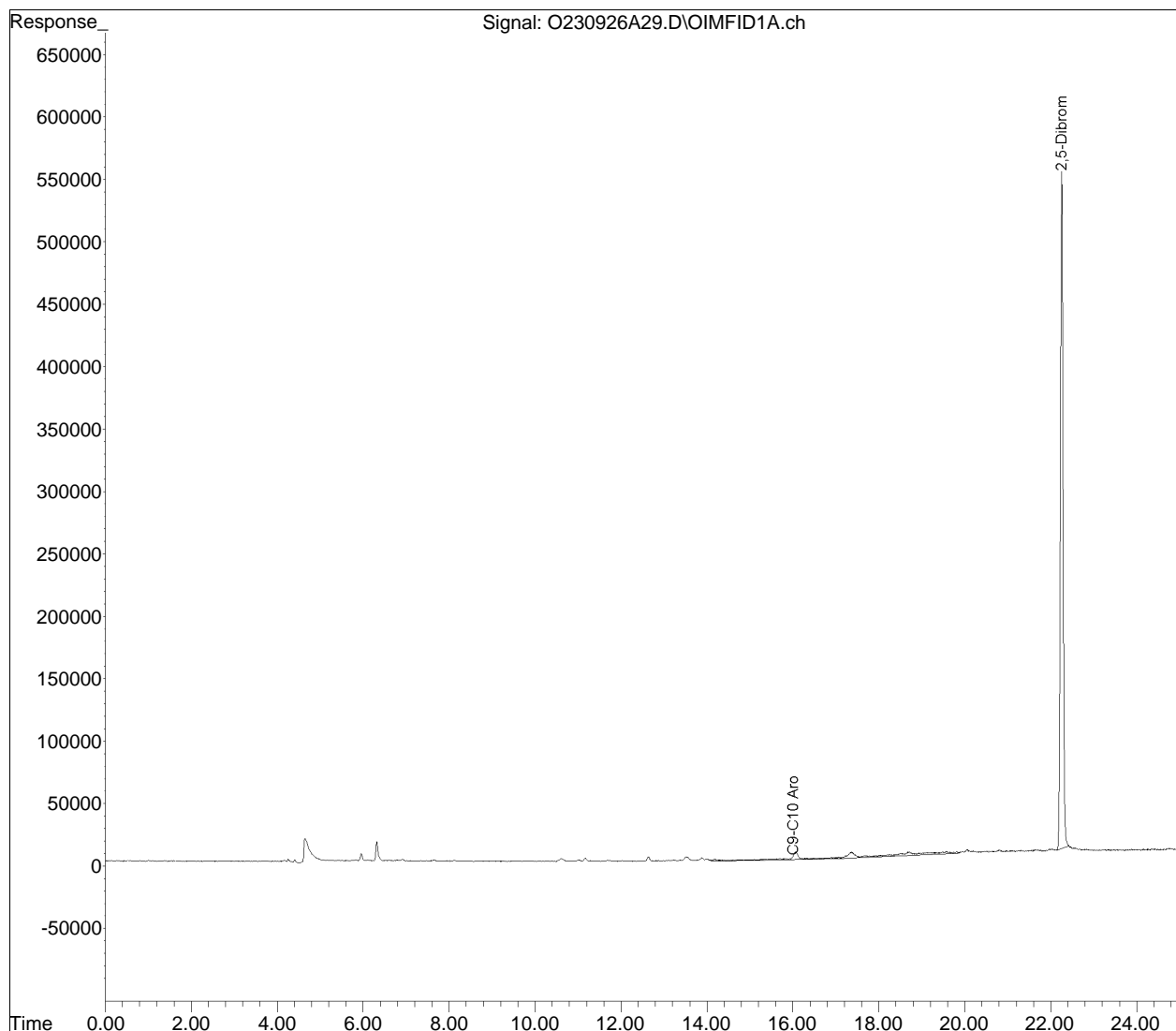
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A29.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 2:46 am
Operator : OVPH:BAD
Sample : L2353698-06,41,15,18.13,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 29 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:13 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



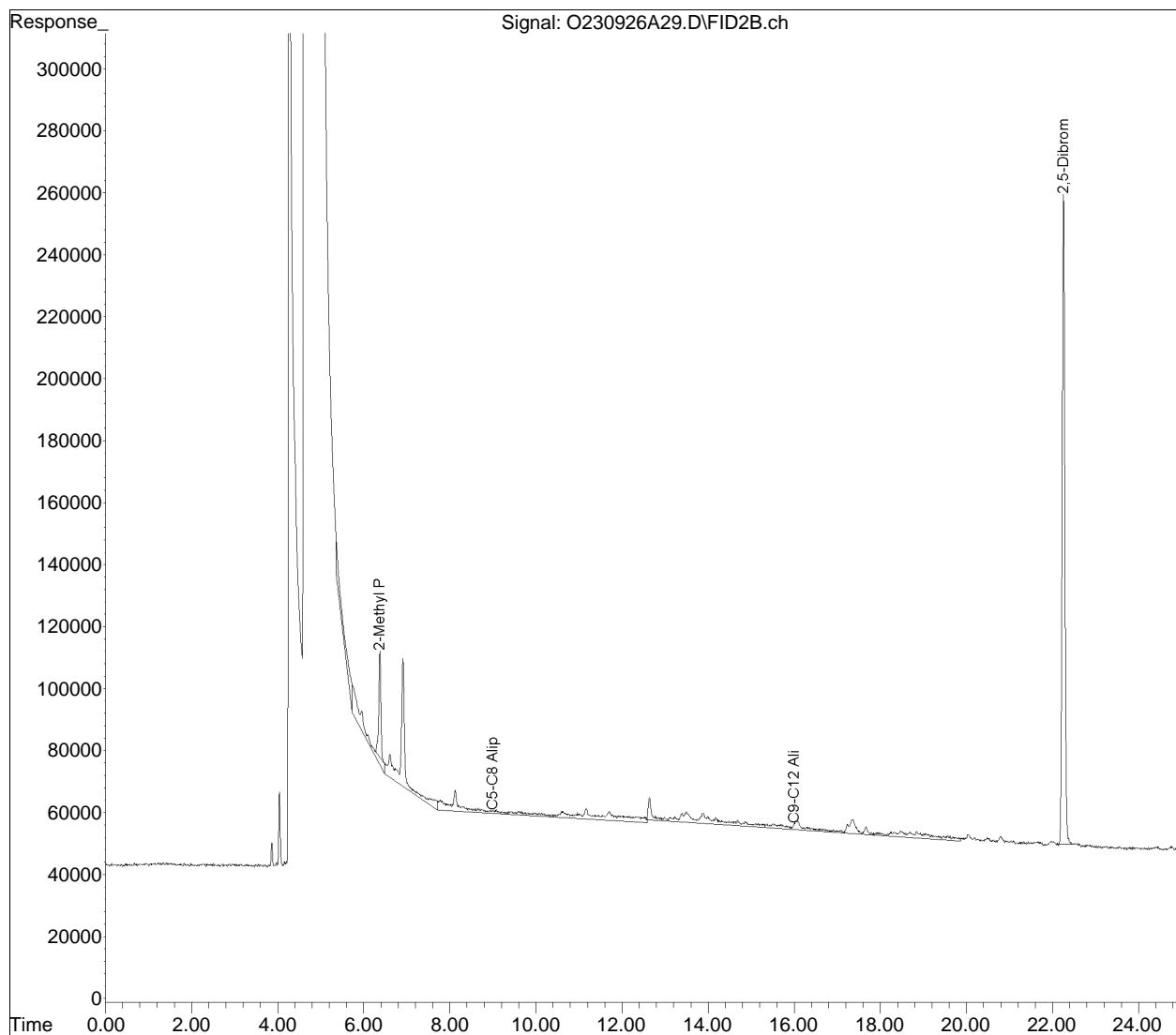
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A29.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 2:46 am
Operator : OVPH:BAD
Sample : L2353698-06,41,15,18.13,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 29 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:20 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 22, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,

Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134326 CLIENT PROJECT ID: L2353698

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353698
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

REVISED
11.13.23 DJ

Batch: S 134326
 Date Sampled: 9/12/2023
 Date Received: 9/15/2023
 Date Analyzed: 9/21/2023
 Date of Report: 9/22/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-406	N/A	0	0	0	0	0	0	0	0	8	0	0	0	92

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-401	N/A	0	0	0	0	0	0	0	0	<1	0	0	0	100

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-412	N/A	0	0	0	0	0	0	0	0	5	0	0	0	95

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-416	N/A	0	0	0	0	0	0	0	0	<1	0	0	0	100

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-407	N/A	0	0	0	0	0	0	0	0	3	0	0	0	97

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
BKD-SED-001	N/A	0	0	0	0	0	0	30	0	0	0	0	0	70

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

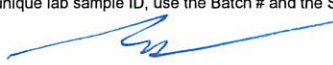
Aerobiology Laboratory Associates, Inc.

Client #: 1497
Client Project: L2353698
Client Reference: ME
Client Name: Alpha Analytical - Westborough
Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134326
Date Sampled: 9/12/2023
Date Received: 9/15/2023
Date Analyzed: 9/21/2023
Date of Report: 9/22/2023

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite
Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals
Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage



Thomas Pickett, Analyst

Client Name: Alpha Analytical - Westborough

Client Project #: L2353698

Client Reference: ME

Batch: **S** 134326

Date Received: 9/15/2023

Date Due: 9/22/2023

Stop on first pos: Yes or No

Batch: **S** 134326

Sample ID	Description	Analyst	Stereo Scope				Optical Properties				RI		Asbestos Percent					Non-Asbestos Percent															
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Elongation	Sign of Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous						
SD-405 ⁶ DT	Soil	TP	0	M/A																	Fw						8						92
SD-401	Soil		0	M/A																	Fw						61					100	
SD-412	Soil		0	M/A																	Fw						5					95	
SD-416	Soil		0	M/A																	Fw						61					100	
SD-407	Soil		0	MA																	Fw						3					97	
BKD-SED-001	Soil		0	M/A																	I						30					70	


Analyzed By / Date: [Signature] 9-21-23

QC By / Date: [Signature] 9/21/23

Fax, Email, Verbal Results By / Date:

of Samples: 6

Comments:

		Subcontract Chain of Custody Aerobiology Laboratory (Pace) 22 Cummings Park Woburn, MA 01801 5134326		Alpha Job Number L2353698	
Client Information		Project Information		Regulatory Requirements/Report Limits	
Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com		Project Location: ME Project Manager: Graham Parker Turnaround & Deliverables Information Due Date: Deliverables:		State/Federal Program: Regulatory Criteria:	
Project Specific Requirements and/or Report Requirements					
Reference following Alpha Job Number on final report/deliverables: L2353698			Report to include Method Blank, LCS/LCSD:		
Additional Comments: Send all results/reports to subreports@alphalab.com					
Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
GLP (AAL) 11/13/23 per client	SD-405 SD-406 SD-401 SD-412 SD-416 SD-407 BKD-SED-001	09-12-23 14:35 09-12-23 14:20 09-12-23 15:50 09-12-23 15:49 09-12-23 16:00 09-12-23 15:00	SOIL SOIL SOIL SOIL SOIL SOIL	Asbestos-PLM Asbestos-PLM Asbestos-PLM Asbestos-PLM Asbestos-PLM Asbestos-PLM	
Relinquished By:		Date/Time:	Received By:	Date/Time:	
<i>Henry Delecker AAL</i>		<i>9/15/23</i>	<i>Karen Davis AAL</i>	<i>9-15-23 9:25</i>	
<i>Karen Davis AAL</i>		<i>9-15-23 12:23</i>	<i>Margaret Valente</i>	<i>9/15/23 1225 pm</i>	
Form No: AL_subcoc					



ANALYTICAL REPORT

Lab Number:	L2353839
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Danielle Obery
Phone:	(207) 287-3692
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/29/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353839-01	SD-403	SOIL	WISCASSETT MAINE	09/14/23 11:20	09/14/23
L2353839-02	SD-404	SOIL	WISCASSETT MAINE	09/14/23 11:40	09/14/23
L2353839-03	SD-414	SOIL	WISCASSETT MAINE	09/14/23 12:29	09/14/23
L2353839-04	SD-415	SOIL	WISCASSETT MAINE	09/14/23 13:10	09/14/23
L2353839-05	SD-417	SOIL	WISCASSETT MAINE	09/14/23 13:55	09/14/23
L2353839-06	SD-418	SOIL	WISCASSETT MAINE	09/14/23 14:12	09/14/23
L2353839-07	TRIP BLANK	WATER	WISCASSETT MAINE	09/14/23 14:12	09/14/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

L2353839-03: The collection time on the chain of custody was 12:29; however, the collection time on the container label was 11:29. At the client's request, the collection date/time is reported as 14-SEP-23 12:29.

Volatile Organics

L2353839-01, -03, -04, -05, and -06: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to excessive sample weight. A High Level analysis was performed and reported.

L2353839-01, -04, and -05: The surrogate recovery is above the acceptance criteria for 1,2-dichloroethane-d4 (132%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353839-03: The surrogate recovery is above the acceptance criteria for 1,2-dichloroethane-d4 (133%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353839-06: The surrogate recovery is above the acceptance criteria for 1,2-dichloroethane-d4 (136%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

WG1832676-5 and WG1832677-5: The surrogate recovery is above the acceptance criteria for 1,2-dichloroethane-d4 (142%). Since the blank was non-detect for all associated target analytes, re-analysis was not required.

The WG1832403-3/-4 LCS/LCSD recoveries, associated with L2353839-07, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially high bias for chloromethane (160%/150%) and dichlorodifluoromethane (160%/160%) and a potentially low bias for trichlorofluoromethane

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Case Narrative (continued)

(59%/52%), chloroethane (LCSD 48%), and ethyl ether (52%/47%).

Semivolatile Organics by SIM

L2353839-01D, -05D, and -06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2353839-01D, -03, and -04: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2353839-05D and -06D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

The WG1828959-2/-3 LCS/LCSD recoveries, associated with L2353839-01 through -06, are above the individual acceptance criteria for pentachlorophenol (111%/119%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects for this compound are considered to have a potentially high bias.

The surrogate recovery for the WG1828959-3 LCSD, associated with L2353839-01 through -06, is outside the acceptance criteria for nitrobenzene-d5 (127%). The LCSD spike compounds are within overall method allowances; therefore, no further action was taken.

VPH

L2353839-01, -03, -05, and -06: The sample was outside the recommended 1:1 methanol:soil ratio due to the amount of soil provided in the sample vial.

L2353839-02: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (183%) and 2,5-dibromotoluene-fid (186%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Case Narrative (continued)

L2353839-03: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (209%) and 2,5-dibromotoluene-fid (213%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353839-04: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (176%) and 2,5-dibromotoluene-fid (177%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

L2353839-06: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (147%) and 2,5-dibromotoluene-fid (147%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

EPH

L2353839-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

PCBs

L2353839-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

Total Metals

The WG1828039-3 MS recoveries for calcium (5280%), iron (1060%), manganese (127%), nickel (0%), and vanadium (21%), performed on L2353839-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1828039-3 MS recoveries, performed on L2353839-01, are outside the acceptance criteria for chromium (74%), copper (42%), lead (1790%), magnesium (158%), potassium (127%), sodium (211%), and zinc (63%). A post digestion spike was performed and was within acceptance criteria.

The WG1828039-4 Laboratory Duplicate RPDs for arsenic (114%), barium (103%), calcium (44%), chromium (35%), cobalt (37%), copper (65%), iron (66%), lead (42%), manganese (40%), nickel (62%), sodium (24%),

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Case Narrative (continued)

vanadium (32%), and zinc (53%), performed on L2353839-01, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.

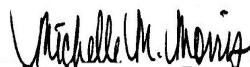
Total Organic Carbon

L2353839-01: The Sample Replicate RPD is outside the acceptance criteria of 30%. A double-burn re-analysis was performed with a confirming result. The results of the original analysis are reported. The elevated RPD has been attributed to the non-homogeneous nature of the sample.

The WG1833428-4 MS recovery for total organic carbon (rep2) (148%), performed on L2353839-04, is outside the 75-125% acceptance criteria, possibly due to sample matrix. The associated SRM recoveries are within criteria, indicating the sample batch was in control, and all sample results were accepted.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Michelle M. Morris

Title: Technical Director/Representative

Date: 09/29/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 14:30
 Analyst: JIC
 Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	120	1
1,1-Dichloroethane	ND		ug/kg	50	7.3	1
Chloroform	ND		ug/kg	76	7.0	1
Carbon tetrachloride	ND		ug/kg	50	12.	1
1,2-Dichloropropane	ND		ug/kg	50	6.3	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.9	1
Chlorobenzene	ND		ug/kg	25	6.4	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.4	1
Bromodichloromethane	ND		ug/kg	25	5.5	1
1,1-Dichloropropene	ND		ug/kg	25	8.0	1
Bromoform	ND		ug/kg	200	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	8.4	1
Benzene	ND		ug/kg	25	8.4	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.1	1
Chloromethane	ND		ug/kg	200	47.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	76	6.9	1
Trichloroethene	ND		ug/kg	25	6.9	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	100	8.6	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	50	15.	1
Xylenes, Total	ND		ug/kg	50	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8	1
1,2-Dichloroethene, Total	ND		ug/kg	50	6.9	1
Dibromomethane	ND		ug/kg	100	12.	1
1,2,3-Trichloropropane	ND		ug/kg	100	6.4	1
Styrene	ND		ug/kg	50	9.9	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
Tetrahydrofuran	ND		ug/kg	200	80.	1
2,2-Dichloropropane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,3-Dichloropropane	ND		ug/kg	100	8.4	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6	1
Bromobenzene	ND		ug/kg	100	7.3	1
n-Butylbenzene	ND		ug/kg	50	8.4	1
sec-Butylbenzene	ND		ug/kg	50	7.4	1
tert-Butylbenzene	ND		ug/kg	100	5.9	1
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.7	1
o-Chlorotoluene	ND		ug/kg	100	9.6	1
p-Chlorotoluene	ND		ug/kg	100	5.4	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Hexachlorobutadiene	ND		ug/kg	200	8.5	1
Isopropylbenzene	ND		ug/kg	50	5.5	1
p-Isopropyltoluene	ND		ug/kg	50	5.5	1
Naphthalene	38	J	ug/kg	200	33.	1
n-Propylbenzene	ND		ug/kg	50	8.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.	1
Ethyl ether	ND		ug/kg	100	17.	1
Diisopropyl Ether	ND		ug/kg	100	11.	1
Tert-Butyl Alcohol	ND		ug/kg	1000	260	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	108		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 14:54
 Analyst: JIC
 Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.3	0.75	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.3	0.26	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.3	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.99	1
Acetone	68		ug/kg	27	11.	1
Carbon disulfide	ND		ug/kg	11	4.9	1
2-Butanone	8.2	J	ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
Tetrahydrofuran	ND		ug/kg	4.3	1.7	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
1,3,5-Trichlorobenzene	ND		ug/kg	2.2	0.19	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.3	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.3	0.70	1
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.29	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
Diisopropyl Ether	ND		ug/kg	2.2	0.23	1
Tert-Butyl Alcohol	ND		ug/kg	22	5.5	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.2	0.14	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.2	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	94		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 15:18
 Analyst: JIC
 Percent Solids: 36%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	980	450	1
1,1-Dichloroethane	ND		ug/kg	200	28.	1
Chloroform	ND		ug/kg	300	28.	1
Carbon tetrachloride	ND		ug/kg	200	45.	1
1,2-Dichloropropane	ND		ug/kg	200	25.	1
Dibromochloromethane	ND		ug/kg	200	28.	1
1,1,2-Trichloroethane	ND		ug/kg	200	52.	1
Tetrachloroethene	ND		ug/kg	98	39.	1
Chlorobenzene	ND		ug/kg	98	25.	1
Trichlorofluoromethane	ND		ug/kg	790	140	1
1,2-Dichloroethane	ND		ug/kg	200	51.	1
1,1,1-Trichloroethane	ND		ug/kg	98	33.	1
Bromodichloromethane	ND		ug/kg	98	21.	1
1,1-Dichloropropene	ND		ug/kg	98	31.	1
Bromoform	ND		ug/kg	790	48.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	98	33.	1
Benzene	ND		ug/kg	98	33.	1
Toluene	ND		ug/kg	200	110	1
Ethylbenzene	ND		ug/kg	200	28.	1
Chloromethane	ND		ug/kg	790	180	1
Bromomethane	ND		ug/kg	390	110	1
Vinyl chloride	ND		ug/kg	200	66.	1
Chloroethane	ND		ug/kg	390	89.	1
1,1-Dichloroethene	ND		ug/kg	200	47.	1
trans-1,2-Dichloroethene	ND		ug/kg	300	27.	1
Trichloroethene	ND		ug/kg	98	27.	1
1,2-Dichlorobenzene	ND		ug/kg	390	28.	1
1,3-Dichlorobenzene	ND		ug/kg	390	29.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatiles Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	390	34.	1
Methyl tert butyl ether	ND		ug/kg	390	40.	1
p/m-Xylene	ND		ug/kg	390	110	1
o-Xylene	ND		ug/kg	200	57.	1
Xylenes, Total	ND		ug/kg	200	57.	1
cis-1,2-Dichloroethene	ND		ug/kg	200	34.	1
1,2-Dichloroethene, Total	ND		ug/kg	200	27.	1
Dibromomethane	ND		ug/kg	390	47.	1
1,2,3-Trichloropropane	ND		ug/kg	390	25.	1
Styrene	ND		ug/kg	200	39.	1
Dichlorodifluoromethane	ND		ug/kg	2000	180	1
Acetone	ND		ug/kg	2000	950	1
Carbon disulfide	ND		ug/kg	2000	900	1
2-Butanone	ND		ug/kg	2000	440	1
4-Methyl-2-pentanone	ND		ug/kg	2000	250	1
2-Hexanone	ND		ug/kg	2000	230	1
Bromochloromethane	ND		ug/kg	390	40.	1
Tetrahydrofuran	ND		ug/kg	790	310	1
2,2-Dichloropropane	ND		ug/kg	390	40.	1
1,2-Dibromoethane	ND		ug/kg	200	55.	1
1,3-Dichloropropane	ND		ug/kg	390	33.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	98	26.	1
Bromobenzene	ND		ug/kg	390	28.	1
n-Butylbenzene	ND		ug/kg	200	33.	1
sec-Butylbenzene	ND		ug/kg	200	29.	1
tert-Butylbenzene	ND		ug/kg	390	23.	1
1,3,5-Trichlorobenzene	ND		ug/kg	390	34.	1
o-Chlorotoluene	ND		ug/kg	390	38.	1
p-Chlorotoluene	ND		ug/kg	390	21.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	590	200	1
Hexachlorobutadiene	ND		ug/kg	790	33.	1
Isopropylbenzene	ND		ug/kg	200	21.	1
p-Isopropyltoluene	ND		ug/kg	200	21.	1
Naphthalene	680	J	ug/kg	790	130	1
n-Propylbenzene	ND		ug/kg	200	34.	1
1,2,3-Trichlorobenzene	ND		ug/kg	390	63.	1
1,2,4-Trichlorobenzene	ND		ug/kg	390	54.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	390	38.	1
1,2,4-Trimethylbenzene	ND		ug/kg	390	66.	1
Ethyl ether	ND		ug/kg	390	67.	1
Diisopropyl Ether	ND		ug/kg	390	42.	1
Tert-Butyl Alcohol	ND		ug/kg	3900	1000	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	390	25.	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	390	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	133	Q	70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	108		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 15:41
 Analyst: JIC
 Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	750	340	1
1,1-Dichloroethane	ND		ug/kg	150	22.	1
Chloroform	ND		ug/kg	220	21.	1
Carbon tetrachloride	ND		ug/kg	150	34.	1
1,2-Dichloropropane	ND		ug/kg	150	19.	1
Dibromochloromethane	ND		ug/kg	150	21.	1
1,1,2-Trichloroethane	ND		ug/kg	150	40.	1
Tetrachloroethene	ND		ug/kg	75	29.	1
Chlorobenzene	ND		ug/kg	75	19.	1
Trichlorofluoromethane	ND		ug/kg	600	100	1
1,2-Dichloroethane	ND		ug/kg	150	38.	1
1,1,1-Trichloroethane	ND		ug/kg	75	25.	1
Bromodichloromethane	ND		ug/kg	75	16.	1
1,1-Dichloropropene	ND		ug/kg	75	24.	1
Bromoform	ND		ug/kg	600	37.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	75	25.	1
Benzene	ND		ug/kg	75	25.	1
Toluene	ND		ug/kg	150	82.	1
Ethylbenzene	ND		ug/kg	150	21.	1
Chloromethane	ND		ug/kg	600	140	1
Bromomethane	ND		ug/kg	300	87.	1
Vinyl chloride	ND		ug/kg	150	50.	1
Chloroethane	ND		ug/kg	300	68.	1
1,1-Dichloroethene	ND		ug/kg	150	36.	1
trans-1,2-Dichloroethene	ND		ug/kg	220	20.	1
Trichloroethene	ND		ug/kg	75	20.	1
1,2-Dichlorobenzene	ND		ug/kg	300	22.	1
1,3-Dichlorobenzene	ND		ug/kg	300	22.	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	300	26.	1
Methyl tert butyl ether	ND		ug/kg	300	30.	1
p/m-Xylene	ND		ug/kg	300	84.	1
o-Xylene	ND		ug/kg	150	44.	1
Xylenes, Total	ND		ug/kg	150	44.	1
cis-1,2-Dichloroethene	ND		ug/kg	150	26.	1
1,2-Dichloroethene, Total	ND		ug/kg	150	20.	1
Dibromomethane	ND		ug/kg	300	36.	1
1,2,3-Trichloropropane	ND		ug/kg	300	19.	1
Styrene	ND		ug/kg	150	29.	1
Dichlorodifluoromethane	ND		ug/kg	1500	140	1
Acetone	ND		ug/kg	1500	720	1
Carbon disulfide	ND		ug/kg	1500	680	1
2-Butanone	ND		ug/kg	1500	330	1
4-Methyl-2-pentanone	ND		ug/kg	1500	190	1
2-Hexanone	ND		ug/kg	1500	180	1
Bromochloromethane	ND		ug/kg	300	31.	1
Tetrahydrofuran	ND		ug/kg	600	240	1
2,2-Dichloropropane	ND		ug/kg	300	30.	1
1,2-Dibromoethane	ND		ug/kg	150	42.	1
1,3-Dichloropropane	ND		ug/kg	300	25.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	75	20.	1
Bromobenzene	ND		ug/kg	300	22.	1
n-Butylbenzene	ND		ug/kg	150	25.	1
sec-Butylbenzene	ND		ug/kg	150	22.	1
tert-Butylbenzene	ND		ug/kg	300	18.	1
1,3,5-Trichlorobenzene	ND		ug/kg	300	26.	1
o-Chlorotoluene	ND		ug/kg	300	29.	1
p-Chlorotoluene	ND		ug/kg	300	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	450	150	1
Hexachlorobutadiene	ND		ug/kg	600	25.	1
Isopropylbenzene	ND		ug/kg	150	16.	1
p-Isopropyltoluene	ND		ug/kg	150	16.	1
Naphthalene	ND		ug/kg	600	98.	1
n-Propylbenzene	ND		ug/kg	150	26.	1
1,2,3-Trichlorobenzene	ND		ug/kg	300	48.	1
1,2,4-Trichlorobenzene	ND		ug/kg	300	41.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	300	29.	1
1,2,4-Trimethylbenzene	ND		ug/kg	300	50.	1
Ethyl ether	ND		ug/kg	300	51.	1
Diisopropyl Ether	ND		ug/kg	300	32.	1
Tert-Butyl Alcohol	ND		ug/kg	3000	770	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	300	19.	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	300	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	105		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 16:05
 Analyst: JIC
 Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	320	140	1
1,1-Dichloroethane	ND		ug/kg	63	9.1	1
Chloroform	ND		ug/kg	94	8.8	1
Carbon tetrachloride	ND		ug/kg	63	14.	1
1,2-Dichloropropane	ND		ug/kg	63	7.9	1
Dibromochloromethane	ND		ug/kg	63	8.8	1
1,1,2-Trichloroethane	ND		ug/kg	63	17.	1
Tetrachloroethene	ND		ug/kg	32	12.	1
Chlorobenzene	ND		ug/kg	32	8.0	1
Trichlorofluoromethane	ND		ug/kg	250	44.	1
1,2-Dichloroethane	ND		ug/kg	63	16.	1
1,1,1-Trichloroethane	ND		ug/kg	32	10.	1
Bromodichloromethane	ND		ug/kg	32	6.9	1
1,1-Dichloropropene	ND		ug/kg	32	10.	1
Bromoform	ND		ug/kg	250	16.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	10.	1
Benzene	ND		ug/kg	32	10.	1
Toluene	ND		ug/kg	63	34.	1
Ethylbenzene	ND		ug/kg	63	8.9	1
Chloromethane	ND		ug/kg	250	59.	1
Bromomethane	ND		ug/kg	130	37.	1
Vinyl chloride	ND		ug/kg	63	21.	1
Chloroethane	ND		ug/kg	130	28.	1
1,1-Dichloroethene	ND		ug/kg	63	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	94	8.6	1
Trichloroethene	ND		ug/kg	32	8.6	1
1,2-Dichlorobenzene	ND		ug/kg	130	9.1	1
1,3-Dichlorobenzene	ND		ug/kg	130	9.3	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	35.	1
o-Xylene	ND		ug/kg	63	18.	1
Xylenes, Total	ND		ug/kg	63	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	63	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	63	8.6	1
Dibromomethane	ND		ug/kg	130	15.	1
1,2,3-Trichloropropane	ND		ug/kg	130	8.0	1
Styrene	ND		ug/kg	63	12.	1
Dichlorodifluoromethane	ND		ug/kg	630	58.	1
Acetone	ND		ug/kg	630	300	1
Carbon disulfide	ND		ug/kg	630	290	1
2-Butanone	ND		ug/kg	630	140	1
4-Methyl-2-pentanone	ND		ug/kg	630	81.	1
2-Hexanone	ND		ug/kg	630	74.	1
Bromochloromethane	ND		ug/kg	130	13.	1
Tetrahydrofuran	ND		ug/kg	250	100	1
2,2-Dichloropropane	ND		ug/kg	130	13.	1
1,2-Dibromoethane	ND		ug/kg	63	18.	1
1,3-Dichloropropane	ND		ug/kg	130	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	32	8.3	1
Bromobenzene	ND		ug/kg	130	9.1	1
n-Butylbenzene	ND		ug/kg	63	10.	1
sec-Butylbenzene	ND		ug/kg	63	9.2	1
tert-Butylbenzene	ND		ug/kg	130	7.4	1
1,3,5-Trichlorobenzene	ND		ug/kg	130	11.	1
o-Chlorotoluene	ND		ug/kg	130	12.	1
p-Chlorotoluene	ND		ug/kg	130	6.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	190	63.	1
Hexachlorobutadiene	ND		ug/kg	250	11.	1
Isopropylbenzene	ND		ug/kg	63	6.9	1
p-Isopropyltoluene	ND		ug/kg	63	6.9	1
Naphthalene	ND		ug/kg	250	41.	1
n-Propylbenzene	ND		ug/kg	63	11.	1
1,2,3-Trichlorobenzene	ND		ug/kg	130	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	130	17.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	130	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	21.	1
Ethyl ether	ND		ug/kg	130	21.	1
Diisopropyl Ether	ND		ug/kg	130	13.	1
Tert-Butyl Alcohol	ND		ug/kg	1300	320	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	130	8.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	130	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	132	Q	70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	107		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/25/23 16:28
 Analyst: JIC
 Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	360	160	1
1,1-Dichloroethane	ND		ug/kg	71	10.	1
Chloroform	ND		ug/kg	110	10.	1
Carbon tetrachloride	ND		ug/kg	71	16.	1
1,2-Dichloropropane	ND		ug/kg	71	8.9	1
Dibromochloromethane	ND		ug/kg	71	10.	1
1,1,2-Trichloroethane	ND		ug/kg	71	19.	1
Tetrachloroethene	ND		ug/kg	36	14.	1
Chlorobenzene	ND		ug/kg	36	9.1	1
Trichlorofluoromethane	ND		ug/kg	280	50.	1
1,2-Dichloroethane	ND		ug/kg	71	18.	1
1,1,1-Trichloroethane	54		ug/kg	36	12.	1
Bromodichloromethane	ND		ug/kg	36	7.8	1
1,1-Dichloropropene	ND		ug/kg	36	11.	1
Bromoform	ND		ug/kg	280	18.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	36	12.	1
Benzene	ND		ug/kg	36	12.	1
Toluene	ND		ug/kg	71	39.	1
Ethylbenzene	ND		ug/kg	71	10.	1
Chloromethane	ND		ug/kg	280	66.	1
Bromomethane	ND		ug/kg	140	42.	1
Vinyl chloride	ND		ug/kg	71	24.	1
Chloroethane	ND		ug/kg	140	32.	1
1,1-Dichloroethene	ND		ug/kg	71	17.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	9.8	1
Trichloroethene	ND		ug/kg	36	9.8	1
1,2-Dichlorobenzene	ND		ug/kg	140	10.	1
1,3-Dichlorobenzene	ND		ug/kg	140	10.	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	140	12.	1
Methyl tert butyl ether	ND		ug/kg	140	14.	1
p/m-Xylene	ND		ug/kg	140	40.	1
o-Xylene	ND		ug/kg	71	21.	1
Xylenes, Total	ND		ug/kg	71	21.	1
cis-1,2-Dichloroethene	ND		ug/kg	71	12.	1
1,2-Dichloroethene, Total	ND		ug/kg	71	9.8	1
Dibromomethane	ND		ug/kg	140	17.	1
1,2,3-Trichloropropane	ND		ug/kg	140	9.1	1
Styrene	ND		ug/kg	71	14.	1
Dichlorodifluoromethane	ND		ug/kg	710	65.	1
Acetone	ND		ug/kg	710	340	1
Carbon disulfide	ND		ug/kg	710	320	1
2-Butanone	ND		ug/kg	710	160	1
4-Methyl-2-pentanone	ND		ug/kg	710	91.	1
2-Hexanone	ND		ug/kg	710	84.	1
Bromochloromethane	ND		ug/kg	140	15.	1
Tetrahydrofuran	ND		ug/kg	280	110	1
2,2-Dichloropropane	ND		ug/kg	140	14.	1
1,2-Dibromoethane	ND		ug/kg	71	20.	1
1,3-Dichloropropane	ND		ug/kg	140	12.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	36	9.4	1
Bromobenzene	ND		ug/kg	140	10.	1
n-Butylbenzene	ND		ug/kg	71	12.	1
sec-Butylbenzene	ND		ug/kg	71	10.	1
tert-Butylbenzene	ND		ug/kg	140	8.4	1
1,3,5-Trichlorobenzene	ND		ug/kg	140	12.	1
o-Chlorotoluene	ND		ug/kg	140	14.	1
p-Chlorotoluene	ND		ug/kg	140	7.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	210	71.	1
Hexachlorobutadiene	ND		ug/kg	280	12.	1
Isopropylbenzene	ND		ug/kg	71	7.8	1
p-Isopropyltoluene	ND		ug/kg	71	7.8	1
Naphthalene	ND		ug/kg	280	46.	1
n-Propylbenzene	ND		ug/kg	71	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	140	23.	1
1,2,4-Trichlorobenzene	ND		ug/kg	140	19.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	140	14.	1
1,2,4-Trimethylbenzene	ND		ug/kg	140	24.	1
Ethyl ether	ND		ug/kg	140	24.	1
Diisopropyl Ether	ND		ug/kg	140	15.	1
Tert-Butyl Alcohol	ND		ug/kg	1400	370	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	140	9.1	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	140	12.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	136	Q	70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	111		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-07
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/26/23 11:26
 Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	ND		ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-07
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	0.70	J	ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-07
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	91		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	100		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 10:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832403-5					
Methylene chloride	ND		ug/l	3.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	ND		ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 10:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832403-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	0.71	J	ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 10:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1832403-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	96		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-06 Batch: WG1832676-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-06 Batch: WG1832676-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01,03-06 Batch: WG1832676-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	142	Q	70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1832677-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1832677-5					
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	25	10.
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
Tetrahydrofuran	ND		ug/kg	4.0	1.6
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,3,5-Trichlorobenzene	ND		ug/kg	2.0	0.17
o-Chlorotoluene	ND		ug/kg	2.0	0.19
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 11:28
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02 Batch: WG1832677-5					
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Ethyl ether	ND		ug/kg	2.0	0.34
Diisopropyl Ether	ND		ug/kg	2.0	0.21
Tert-Butyl Alcohol	ND		ug/kg	20	5.1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	2.0	0.13
Tertiary-Amyl Methyl Ether	ND		ug/kg	2.0	0.18

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	142	Q	70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	107		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832403-3 WG1832403-4								
Methylene chloride	100		97		70-130	3		20
1,1-Dichloroethane	110		99		70-130	11		20
Chloroform	98		92		70-130	6		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	97		93		70-130	4		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		98		75-130	2		25
Trichlorofluoromethane	59	Q	52	Q	62-150	13		20
1,2-Dichloroethane	90		84		70-130	7		20
1,1,1-Trichloroethane	100		94		67-130	6		20
Bromodichloromethane	92		86		67-130	7		20
1,1-Dichloropropene	96		92		70-130	4		20
Bromoform	96		92		54-136	4		20
1,1,1,2-Tetrachloroethane	120		120		67-130	0		20
Benzene	97		93		70-130	4		25
Toluene	110		100		70-130	10		25
Ethylbenzene	100		95		70-130	5		20
Chloromethane	160	Q	150	Q	64-130	6		20
Bromomethane	41		41		39-139	0		20
Vinyl chloride	92		88		55-140	4		20
Chloroethane	56		48	Q	55-138	15		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832403-3 WG1832403-4								
1,1-Dichloroethene	120		110		61-145	9		25
trans-1,2-Dichloroethene	100		97		70-130	3		20
Trichloroethene	88		84		70-130	5		25
1,2-Dichlorobenzene	110		100		70-130	10		20
1,3-Dichlorobenzene	110		100		70-130	10		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	86		85		63-130	1		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		85		70-130	11		20
cis-1,2-Dichloroethene	98		93		70-130	5		20
Dibromomethane	88		85		70-130	3		20
1,2,3-Trichloropropane	110		100		64-130	10		20
Styrene	85		80		70-130	6		20
Dichlorodifluoromethane	160	Q	160	Q	36-147	0		20
Acetone	110		100		58-148	10		20
Carbon disulfide	120		110		51-130	9		20
2-Butanone	100		95		63-138	5		20
4-Methyl-2-pentanone	95		96		59-130	1		20
2-Hexanone	94		94		57-130	0		20
Bromochloromethane	97		93		70-130	4		20
Tetrahydrofuran	99		97		58-130	2		20
2,2-Dichloropropane	100		92		63-133	8		20
1,2-Dibromoethane	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832403-3 WG1832403-4								
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	120		110		70-130	9		20
n-Butylbenzene	110		100		53-136	10		20
sec-Butylbenzene	120		110		70-130	9		20
tert-Butylbenzene	120		110		70-130	9		20
o-Chlorotoluene	120		110		70-130	9		20
p-Chlorotoluene	120		110		70-130	9		20
1,2-Dibromo-3-chloropropane	110		100		41-144	10		20
Hexachlorobutadiene	120		100		63-130	18		20
Isopropylbenzene	120		110		70-130	9		20
p-Isopropyltoluene	110		100		70-130	10		20
Naphthalene	110		100		70-130	10		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	110		97		70-130	13		20
1,2,4-Trichlorobenzene	100		94		70-130	6		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,3,5-Trichlorobenzene	110		100		70-130	10		20
1,2,4-Trimethylbenzene	110		110		70-130	0		20
Ethyl ether	52	Q	47	Q	59-134	10		20
Diisopropyl Ether	100		100		70-130	0		20
Tert-Butyl Alcohol	92		84		70-130	9		20
Ethyl-Tert-Butyl-Ether	91		88		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1832403-3 WG1832403-4								
Tertiary-Amyl Methyl Ether	79		79		66-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		87		70-130
Toluene-d8	108		108		70-130
4-Bromofluorobenzene	115		114		70-130
Dibromofluoromethane	97		93		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1832676-3 WG1832676-4								
Methylene chloride	91		96		70-130	5		30
1,1-Dichloroethane	101		106		70-130	5		30
Chloroform	93		101		70-130	8		30
Carbon tetrachloride	94		95		70-130	1		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	98		94		70-130	4		30
1,1,2-Trichloroethane	96		91		70-130	5		30
Tetrachloroethene	89		86		70-130	3		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	78		82		70-139	5		30
1,2-Dichloroethane	114		116		70-130	2		30
1,1,1-Trichloroethane	105		103		70-130	2		30
Bromodichloromethane	101		100		70-130	1		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	100		92		70-130	8		30
1,1,1,2-Tetrachloroethane	112		104		70-130	7		30
Benzene	98		98		70-130	0		30
Toluene	104		104		70-130	0		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	98		100		52-130	2		30
Bromomethane	105		108		57-147	3		30
Vinyl chloride	100		103		67-130	3		30
Chloroethane	84		87		50-151	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1832676-3 WG1832676-4								
1,1-Dichloroethene	85		88		65-135	3		30
trans-1,2-Dichloroethene	94		97		70-130	3		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	101		98		70-130	3		30
Methyl tert butyl ether	107		102		66-130	5		30
p/m-Xylene	92		93		70-130	1		30
o-Xylene	93		94		70-130	1		30
cis-1,2-Dichloroethene	90		94		70-130	4		30
Dibromomethane	97		99		70-130	2		30
1,2,3-Trichloropropane	118		113		68-130	4		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	111		116		30-146	4		30
Acetone	132		131		54-140	1		30
Carbon disulfide	94		98		59-130	4		30
2-Butanone	107		102		70-130	5		30
4-Methyl-2-pentanone	118		110		70-130	7		30
2-Hexanone	115		106		70-130	8		30
Bromochloromethane	84		87		70-130	4		30
Tetrahydrofuran	118		111		66-130	6		30
2,2-Dichloropropane	104		102		70-130	2		30
1,2-Dibromoethane	99		93		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1832676-3 WG1832676-4									
1,3-Dichloropropane	104		98		69-130		6		30
1,1,1,2-Tetrachloroethane	92		89		70-130		3		30
Bromobenzene	104		102		70-130		2		30
n-Butylbenzene	113		109		70-130		4		30
sec-Butylbenzene	106		104		70-130		2		30
tert-Butylbenzene	102		101		70-130		1		30
1,3,5-Trichlorobenzene	106		101		70-139		5		30
o-Chlorotoluene	96		113		70-130		16		30
p-Chlorotoluene	112		110		70-130		2		30
1,2-Dibromo-3-chloropropane	93		86		68-130		8		30
Hexachlorobutadiene	94		90		67-130		4		30
Isopropylbenzene	110		108		70-130		2		30
p-Isopropyltoluene	104		102		70-130		2		30
Naphthalene	105		102		70-130		3		30
n-Propylbenzene	112		110		70-130		2		30
1,2,3-Trichlorobenzene	106		102		70-130		4		30
1,2,4-Trichlorobenzene	107		102		70-130		5		30
1,3,5-Trimethylbenzene	109		107		70-130		2		30
1,2,4-Trimethylbenzene	111		108		70-130		3		30
Ethyl ether	112		111		67-130		1		30
Diisopropyl Ether	125		124		66-130		1		30
Tert-Butyl Alcohol	109		101		70-130		8		30
Ethyl-Tert-Butyl-Ether	110		109		70-130		1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01,03-06 Batch: WG1832676-3 WG1832676-4								
Tertiary-Amyl Methyl Ether	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		122		70-130
Toluene-d8	105		104		70-130
4-Bromofluorobenzene	116		116		70-130
Dibromofluoromethane	92		95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1832677-3 WG1832677-4								
Methylene chloride	91		96		70-130	5		30
1,1-Dichloroethane	101		106		70-130	5		30
Chloroform	93		101		70-130	8		30
Carbon tetrachloride	94		95		70-130	1		30
1,2-Dichloropropane	109		108		70-130	1		30
Dibromochloromethane	98		94		70-130	4		30
1,1,2-Trichloroethane	96		91		70-130	5		30
Tetrachloroethene	89		86		70-130	3		30
Chlorobenzene	96		96		70-130	0		30
Trichlorofluoromethane	78		82		70-139	5		30
1,2-Dichloroethane	114		116		70-130	2		30
1,1,1-Trichloroethane	105		103		70-130	2		30
Bromodichloromethane	101		100		70-130	1		30
1,1-Dichloropropene	114		113		70-130	1		30
Bromoform	100		92		70-130	8		30
1,1,1,2-Tetrachloroethane	112		104		70-130	7		30
Benzene	98		98		70-130	0		30
Toluene	104		104		70-130	0		30
Ethylbenzene	100		100		70-130	0		30
Chloromethane	98		100		52-130	2		30
Bromomethane	105		108		57-147	3		30
Vinyl chloride	100		103		67-130	3		30
Chloroethane	84		87		50-151	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1832677-3 WG1832677-4								
1,1-Dichloroethene	85		88		65-135	3		30
trans-1,2-Dichloroethene	94		97		70-130	3		30
Trichloroethene	100		100		70-130	0		30
1,2-Dichlorobenzene	101		99		70-130	2		30
1,3-Dichlorobenzene	101		98		70-130	3		30
1,4-Dichlorobenzene	101		98		70-130	3		30
Methyl tert butyl ether	107		102		66-130	5		30
p/m-Xylene	92		93		70-130	1		30
o-Xylene	93		94		70-130	1		30
cis-1,2-Dichloroethene	90		94		70-130	4		30
Dibromomethane	97		99		70-130	2		30
1,2,3-Trichloropropane	118		113		68-130	4		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	111		116		30-146	4		30
Acetone	132		131		54-140	1		30
Carbon disulfide	94		98		59-130	4		30
2-Butanone	107		102		70-130	5		30
4-Methyl-2-pentanone	118		110		70-130	7		30
2-Hexanone	115		106		70-130	8		30
Bromochloromethane	84		87		70-130	4		30
Tetrahydrofuran	118		111		66-130	6		30
2,2-Dichloropropane	104		102		70-130	2		30
1,2-Dibromoethane	99		93		70-130	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1832677-3 WG1832677-4								
1,3-Dichloropropane	104		98		69-130	6		30
1,1,1,2-Tetrachloroethane	92		89		70-130	3		30
Bromobenzene	104		102		70-130	2		30
n-Butylbenzene	113		109		70-130	4		30
sec-Butylbenzene	106		104		70-130	2		30
tert-Butylbenzene	102		101		70-130	1		30
1,3,5-Trichlorobenzene	106		101		70-139	5		30
o-Chlorotoluene	96		113		70-130	16		30
p-Chlorotoluene	112		110		70-130	2		30
1,2-Dibromo-3-chloropropane	93		86		68-130	8		30
Hexachlorobutadiene	94		90		67-130	4		30
Isopropylbenzene	110		108		70-130	2		30
p-Isopropyltoluene	104		102		70-130	2		30
Naphthalene	105		102		70-130	3		30
n-Propylbenzene	112		110		70-130	2		30
1,2,3-Trichlorobenzene	106		102		70-130	4		30
1,2,4-Trichlorobenzene	107		102		70-130	5		30
1,3,5-Trimethylbenzene	109		107		70-130	2		30
1,2,4-Trimethylbenzene	111		108		70-130	3		30
Ethyl ether	112		111		67-130	1		30
Diisopropyl Ether	125		124		66-130	1		30
Tert-Butyl Alcohol	109		101		70-130	8		30
Ethyl-Tert-Butyl-Ether	110		109		70-130	1		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02 Batch: WG1832677-3 WG1832677-4								
Tertiary-Amyl Methyl Ether	101		100		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	116		122		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	116		116		70-130
Dibromofluoromethane	92		95		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 15:59
 Analyst: ALS
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Biphenyl	370	J	ug/kg	460	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	2500		ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	3300		ug/kg	200	19.	1
Pyridine	ND		ug/kg	220	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	57		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	58		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01 D2

Date Collected: 09/14/23 11:20

Client ID: SD-403

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 18:44

Analyst: JJW

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Fluoranthene	38000		ug/kg	400	28.	50
Benzo(a)anthracene	14000		ug/kg	400	38.	50
Benzo(a)pyrene	14000		ug/kg	400	48.	50
Benzo(b)fluoranthene	15000		ug/kg	400	38.	50
Chrysene	13000		ug/kg	400	30.	50
Phenanthrene	29000		ug/kg	400	34.	50
Indeno(1,2,3-cd)Pyrene	9400		ug/kg	400	48.	50
Pyrene	31000		ug/kg	400	28.	50

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01 D

Date Collected: 09/14/23 11:20

Client ID: SD-403

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 18:27

Analyst: JJW

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	4400		ug/kg	80	17.	10
2-Chloronaphthalene	ND		ug/kg	80	10.	10
Fluoranthene	32000	E	ug/kg	80	5.6	10
Hexachlorobutadiene	ND		ug/kg	80	11.	10
Naphthalene	4000		ug/kg	80	14.	10
Benzo(a)anthracene	14000	E	ug/kg	80	7.6	10
Benzo(a)pyrene	13000	E	ug/kg	80	9.6	10
Benzo(b)fluoranthene	15000	E	ug/kg	80	7.6	10
Benzo(k)fluoranthene	4300		ug/kg	80	7.2	10
Chrysene	12000	E	ug/kg	80	6.0	10
Acenaphthylene	180		ug/kg	80	10.	10
Anthracene	7100		ug/kg	80	6.4	10
Benzo(ghi)perylene	7100		ug/kg	80	6.8	10
Fluorene	4000		ug/kg	80	9.6	10
Phenanthrene	27000	E	ug/kg	80	6.8	10
Dibenzo(a,h)anthracene	1700		ug/kg	80	8.0	10
Indeno(1,2,3-cd)Pyrene	9200	E	ug/kg	80	9.6	10
Pyrene	26000	E	ug/kg	80	5.6	10
1-Methylnaphthalene	680		ug/kg	80	12.	10
2-Methylnaphthalene	1100		ug/kg	80	23.	10
Pentachlorophenol	ND		ug/kg	320	35.	10
Hexachlorobenzene	ND		ug/kg	80	8.4	10
Hexachloroethane	ND		ug/kg	80	15.	10

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01 D

Date Collected: 09/14/23 11:20

Client ID: SD-403

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	112		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	73		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 16:16
 Analyst: ALS
 Percent Solids: 30%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	1800	590	1
1,2,4-Trichlorobenzene	ND		ug/kg	550	63.	1
Bis(2-chloroethyl)ether	ND		ug/kg	490	74.	1
1,2-Dichlorobenzene	ND		ug/kg	550	98.	1
1,3-Dichlorobenzene	ND		ug/kg	550	94.	1
1,4-Dichlorobenzene	ND		ug/kg	550	96.	1
3,3'-Dichlorobenzidine	ND		ug/kg	550	140	1
2,4-Dinitrotoluene	ND		ug/kg	550	110	1
2,6-Dinitrotoluene	ND		ug/kg	550	94.	1
Azobenzene	ND		ug/kg	550	53.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	550	59.	1
4-Bromophenyl phenyl ether	ND		ug/kg	550	84.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	660	94.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	590	55.	1
Hexachlorocyclopentadiene	ND		ug/kg	1600	500	1
Isophorone	ND		ug/kg	490	71.	1
Nitrobenzene	ND		ug/kg	490	81.	1
NDPA/DPA	ND		ug/kg	440	62.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	550	85.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	550	190	1
Butyl benzyl phthalate	ND		ug/kg	550	140	1
Di-n-butylphthalate	ND		ug/kg	550	100	1
Di-n-octylphthalate	ND		ug/kg	550	190	1
Diethyl phthalate	ND		ug/kg	550	51.	1
Dimethyl phthalate	ND		ug/kg	550	120	1
Biphenyl	ND		ug/kg	1200	71.	1
Aniline	ND		ug/kg	660	260	1
4-Chloroaniline	ND		ug/kg	550	100	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	550	100	1
3-Nitroaniline	ND		ug/kg	550	100	1
4-Nitroaniline	ND		ug/kg	550	230	1
Dibenzofuran	65	J	ug/kg	550	52.	1
n-Nitrosodimethylamine	ND		ug/kg	1100	100	1
2,4,6-Trichlorophenol	ND		ug/kg	330	100	1
p-Chloro-m-cresol	ND		ug/kg	550	82.	1
2-Chlorophenol	ND		ug/kg	550	65.	1
2,4-Dichlorophenol	ND		ug/kg	490	88.	1
2,4-Dimethylphenol	ND		ug/kg	550	180	1
2-Nitrophenol	ND		ug/kg	1200	210	1
4-Nitrophenol	ND		ug/kg	770	220	1
2,4-Dinitrophenol	ND		ug/kg	2600	260	1
4,6-Dinitro-o-cresol	ND		ug/kg	1400	260	1
Phenol	ND		ug/kg	550	83.	1
2-Methylphenol	ND		ug/kg	550	85.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	790	86.	1
2,4,5-Trichlorophenol	ND		ug/kg	550	100	1
Benzoic Acid	ND		ug/kg	1800	550	1
Benzyl Alcohol	ND		ug/kg	550	170	1
Carbazole	180	J	ug/kg	550	53.	1
Pyridine	ND		ug/kg	590	210	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	40		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 16:03
 Analyst: JJW
 Percent Solids: 30%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	140		ug/kg	22	4.6	1
2-Chloronaphthalene	ND		ug/kg	22	2.8	1
Fluoranthene	2000		ug/kg	22	1.5	1
Hexachlorobutadiene	ND		ug/kg	22	3.1	1
Naphthalene	60		ug/kg	22	3.9	1
Benzo(a)anthracene	760		ug/kg	22	2.1	1
Benzo(a)pyrene	720		ug/kg	22	2.6	1
Benzo(b)fluoranthene	900		ug/kg	22	2.1	1
Benzo(k)fluoranthene	320		ug/kg	22	2.0	1
Chrysene	700		ug/kg	22	1.6	1
Acenaphthylene	47		ug/kg	22	2.7	1
Anthracene	270		ug/kg	22	1.8	1
Benzo(ghi)perylene	1000		ug/kg	22	1.9	1
Fluorene	110		ug/kg	22	2.6	1
Phenanthrene	1200		ug/kg	22	1.9	1
Dibenzo(a,h)anthracene	120		ug/kg	22	2.2	1
Indeno(1,2,3-cd)Pyrene	780		ug/kg	22	2.6	1
Pyrene	1600		ug/kg	22	1.5	1
1-Methylnaphthalene	18	J	ug/kg	22	3.4	1
2-Methylnaphthalene	23		ug/kg	22	6.2	1
Pentachlorophenol	ND		ug/kg	88	9.6	1
Hexachlorobenzene	ND		ug/kg	22	2.3	1
Hexachloroethane	ND		ug/kg	22	4.0	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02

Date Collected: 09/14/23 11:40

Client ID: SD-404

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	59		10-136
4-Terphenyl-d14	51		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 16:32
 Analyst: ALS
 Percent Solids: 36%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	1500	500	1
1,2,4-Trichlorobenzene	ND		ug/kg	460	52.	1
Bis(2-chloroethyl)ether	ND		ug/kg	410	62.	1
1,2-Dichlorobenzene	ND		ug/kg	460	82.	1
1,3-Dichlorobenzene	ND		ug/kg	460	79.	1
1,4-Dichlorobenzene	ND		ug/kg	460	80.	1
3,3'-Dichlorobenzidine	ND		ug/kg	460	120	1
2,4-Dinitrotoluene	ND		ug/kg	460	91.	1
2,6-Dinitrotoluene	ND		ug/kg	460	78.	1
Azobenzene	ND		ug/kg	460	44.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	460	49.	1
4-Bromophenyl phenyl ether	ND		ug/kg	460	70.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	550	78.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	490	46.	1
Hexachlorocyclopentadiene	ND		ug/kg	1300	410	1
Isophorone	ND		ug/kg	410	59.	1
Nitrobenzene	ND		ug/kg	410	68.	1
NDPA/DPA	ND		ug/kg	360	52.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	460	71.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	460	160	1
Butyl benzyl phthalate	ND		ug/kg	460	120	1
Di-n-butylphthalate	ND		ug/kg	460	87.	1
Di-n-octylphthalate	ND		ug/kg	460	160	1
Diethyl phthalate	ND		ug/kg	460	42.	1
Dimethyl phthalate	ND		ug/kg	460	96.	1
Biphenyl	ND		ug/kg	1000	59.	1
Aniline	ND		ug/kg	550	220	1
4-Chloroaniline	ND		ug/kg	460	83.	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	460	88.	1
3-Nitroaniline	ND		ug/kg	460	86.	1
4-Nitroaniline	ND		ug/kg	460	190	1
Dibenzofuran	370	J	ug/kg	460	43.	1
n-Nitrosodimethylamine	ND		ug/kg	910	88.	1
2,4,6-Trichlorophenol	ND		ug/kg	270	87.	1
p-Chloro-m-cresol	ND		ug/kg	460	68.	1
2-Chlorophenol	ND		ug/kg	460	54.	1
2,4-Dichlorophenol	ND		ug/kg	410	74.	1
2,4-Dimethylphenol	ND		ug/kg	460	150	1
2-Nitrophenol	ND		ug/kg	990	170	1
4-Nitrophenol	ND		ug/kg	640	190	1
2,4-Dinitrophenol	ND		ug/kg	2200	210	1
4,6-Dinitro-o-cresol	ND		ug/kg	1200	220	1
Phenol	ND		ug/kg	460	69.	1
2-Methylphenol	ND		ug/kg	460	71.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	660	72.	1
2,4,5-Trichlorophenol	ND		ug/kg	460	88.	1
Benzoic Acid	ND		ug/kg	1500	460	1
Benzyl Alcohol	ND		ug/kg	460	140	1
Carbazole	230	J	ug/kg	460	44.	1
Pyridine	ND		ug/kg	490	170	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	54		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	71		10-136
4-Terphenyl-d14	69		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 16:19
 Analyst: JJW
 Percent Solids: 36%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:57

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	450		ug/kg	18	3.8	1
2-Chloronaphthalene	ND		ug/kg	18	2.4	1
Fluoranthene	5700	E	ug/kg	18	1.3	1
Hexachlorobutadiene	ND		ug/kg	18	2.6	1
Naphthalene	69		ug/kg	18	3.3	1
Benzo(a)anthracene	1600		ug/kg	18	1.7	1
Benzo(a)pyrene	910		ug/kg	18	2.2	1
Benzo(b)fluoranthene	1200		ug/kg	18	1.7	1
Benzo(k)fluoranthene	360		ug/kg	18	1.6	1
Chrysene	1200		ug/kg	18	1.4	1
Acenaphthylene	91		ug/kg	18	2.3	1
Anthracene	710		ug/kg	18	1.5	1
Benzo(ghi)perylene	270		ug/kg	18	1.6	1
Fluorene	680		ug/kg	18	2.2	1
Phenanthrene	4800	E	ug/kg	18	1.6	1
Dibenzo(a,h)anthracene	76		ug/kg	18	1.8	1
Indeno(1,2,3-cd)Pyrene	380		ug/kg	18	2.2	1
Pyrene	3900	E	ug/kg	18	1.3	1
1-Methylnaphthalene	51		ug/kg	18	2.8	1
2-Methylnaphthalene	51		ug/kg	18	5.2	1
Pentachlorophenol	21	J	ug/kg	73	8.0	1
Hexachlorobenzene	ND		ug/kg	18	1.9	1
Hexachloroethane	ND		ug/kg	18	3.4	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03

Date Collected: 09/14/23 12:29

Client ID: SD-414

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	82		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03 D

Date Collected: 09/14/23 12:29

Client ID: SD-414

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/18/23 23:57

Analytical Date: 09/26/23 17:54

Analyst: JJW

Percent Solids: 36%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	5800		ug/kg	91	6.4	5
Phenanthrene	4700		ug/kg	91	7.8	5
Pyrene	4200		ug/kg	91	6.4	5

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 16:49
 Analyst: ALS
 Percent Solids: 47%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	1200	380	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	40.	1
Bis(2-chloroethyl)ether	ND		ug/kg	310	47.	1
1,2-Dichlorobenzene	ND		ug/kg	350	63.	1
1,3-Dichlorobenzene	ND		ug/kg	350	60.	1
1,4-Dichlorobenzene	ND		ug/kg	350	61.	1
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	1
2,4-Dinitrotoluene	ND		ug/kg	350	70.	1
2,6-Dinitrotoluene	ND		ug/kg	350	60.	1
Azobenzene	ND		ug/kg	350	34.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	350	37.	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	53.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	1
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	1
Isophorone	ND		ug/kg	310	45.	1
Nitrobenzene	ND		ug/kg	310	52.	1
NDPA/DPA	ND		ug/kg	280	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	1
Butyl benzyl phthalate	ND		ug/kg	350	88.	1
Di-n-butylphthalate	ND		ug/kg	350	66.	1
Di-n-octylphthalate	ND		ug/kg	350	120	1
Diethyl phthalate	ND		ug/kg	350	32.	1
Dimethyl phthalate	ND		ug/kg	350	73.	1
Biphenyl	ND		ug/kg	800	45.	1
Aniline	ND		ug/kg	420	160	1
4-Chloroaniline	ND		ug/kg	350	64.	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	350	67.	1
3-Nitroaniline	ND		ug/kg	350	66.	1
4-Nitroaniline	ND		ug/kg	350	140	1
Dibenzofuran	120	J	ug/kg	350	33.	1
n-Nitrosodimethylamine	ND		ug/kg	700	67.	1
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	1
p-Chloro-m-cresol	ND		ug/kg	350	52.	1
2-Chlorophenol	ND		ug/kg	350	41.	1
2,4-Dichlorophenol	ND		ug/kg	310	56.	1
2,4-Dimethylphenol	ND		ug/kg	350	120	1
2-Nitrophenol	ND		ug/kg	760	130	1
4-Nitrophenol	ND		ug/kg	490	140	1
2,4-Dinitrophenol	ND		ug/kg	1700	160	1
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	1
Phenol	ND		ug/kg	350	53.	1
2-Methylphenol	ND		ug/kg	350	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	55.	1
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	1
Benzoic Acid	ND		ug/kg	1100	350	1
Benzyl Alcohol	ND		ug/kg	350	110	1
Carbazole	250	J	ug/kg	350	34.	1
Pyridine	ND		ug/kg	380	130	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	79		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 16:35
 Analyst: JJW
 Percent Solids: 47%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	150		ug/kg	14	2.9	1
2-Chloronaphthalene	ND		ug/kg	14	1.8	1
Fluoranthene	4400	E	ug/kg	14	0.98	1
Hexachlorobutadiene	ND		ug/kg	14	2.0	1
Naphthalene	83		ug/kg	14	2.5	1
Benzo(a)anthracene	960		ug/kg	14	1.3	1
Benzo(a)pyrene	720		ug/kg	14	1.7	1
Benzo(b)fluoranthene	1200		ug/kg	14	1.3	1
Benzo(k)fluoranthene	360		ug/kg	14	1.2	1
Chrysene	1300		ug/kg	14	1.0	1
Acenaphthylene	150		ug/kg	14	1.7	1
Anthracene	380		ug/kg	14	1.1	1
Benzo(ghi)perylene	280		ug/kg	14	1.2	1
Fluorene	190		ug/kg	14	1.7	1
Phenanthrene	2500	E	ug/kg	14	1.2	1
Dibenzo(a,h)anthracene	64		ug/kg	14	1.4	1
Indeno(1,2,3-cd)Pyrene	390		ug/kg	14	1.7	1
Pyrene	3000	E	ug/kg	14	0.98	1
1-Methylnaphthalene	32		ug/kg	14	2.2	1
2-Methylnaphthalene	40		ug/kg	14	4.0	1
Pentachlorophenol	ND		ug/kg	56	6.2	1
Hexachlorobenzene	ND		ug/kg	14	1.5	1
Hexachloroethane	ND		ug/kg	14	2.6	1

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04

Date Collected: 09/14/23 13:10

Client ID: SD-415

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	73		10-136
4-Terphenyl-d14	95		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04 D

Date Collected: 09/14/23 13:10

Client ID: SD-415

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/19/23 00:01

Analytical Date: 09/26/23 18:10

Analyst: JJW

Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Fluoranthene	4500		ug/kg	70	4.9	5
Phenanthrene	2500		ug/kg	70	5.9	5
Pyrene	3200		ug/kg	70	4.9	5

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 17:05
 Analyst: ALS
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	760	250	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
1,2-Dichlorobenzene	ND		ug/kg	230	41.	1
1,3-Dichlorobenzene	ND		ug/kg	230	40.	1
1,4-Dichlorobenzene	ND		ug/kg	230	40.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Azobenzene	ND		ug/kg	230	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Isophorone	ND		ug/kg	210	30.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	520		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Biphenyl	ND		ug/kg	520	30.	1
Aniline	ND		ug/kg	280	110	1
4-Chloroaniline	ND		ug/kg	230	42.	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	96.	1
Dibenzofuran	63	J	ug/kg	230	22.	1
n-Nitrosodimethylamine	ND		ug/kg	460	44.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	87.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Benzoic Acid	ND		ug/kg	750	230	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	180	J	ug/kg	230	22.	1
Pyridine	ND		ug/kg	250	88.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	78		10-136
4-Terphenyl-d14	65		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05 D

Date Collected: 09/14/23 13:55

Client ID: SD-417

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/19/23 00:01

Analytical Date: 09/27/23 14:57

Analyst: DV

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	96	J	ug/kg	180	39.	20
2-Chloronaphthalene	ND		ug/kg	180	24.	20
Fluoranthene	9500		ug/kg	180	13.	20
Hexachlorobutadiene	ND		ug/kg	180	26.	20
Naphthalene	43	J	ug/kg	180	33.	20
Benzo(a)anthracene	5300		ug/kg	180	18.	20
Benzo(a)pyrene	3900		ug/kg	180	22.	20
Benzo(b)fluoranthene	5000		ug/kg	180	18.	20
Benzo(k)fluoranthene	1700		ug/kg	180	17.	20
Chrysene	4600		ug/kg	180	14.	20
Acenaphthylene	67	J	ug/kg	180	23.	20
Anthracene	920		ug/kg	180	15.	20
Benzo(ghi)perylene	1600		ug/kg	180	16.	20
Fluorene	100	J	ug/kg	180	22.	20
Phenanthrene	1600		ug/kg	180	16.	20
Dibenzo(a,h)anthracene	460		ug/kg	180	18.	20
Indeno(1,2,3-cd)Pyrene	2200		ug/kg	180	22.	20
Pyrene	7900		ug/kg	180	13.	20
1-Methylnaphthalene	ND		ug/kg	180	29.	20
2-Methylnaphthalene	ND		ug/kg	180	52.	20
Pentachlorophenol	ND		ug/kg	740	81.	20
Hexachlorobenzene	ND		ug/kg	180	19.	20
Hexachloroethane	ND		ug/kg	180	34.	20

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05 D

Date Collected: 09/14/23 13:55

Client ID: SD-417

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	0	Q	25-120
Phenol-d6	0	Q	10-120
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
2,4,6-Tribromophenol	0	Q	10-136
4-Terphenyl-d14	0	Q	18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 17:22
 Analyst: ALS
 Percent Solids: 65%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	830	270	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	29.	1
Bis(2-chloroethyl)ether	ND		ug/kg	230	34.	1
1,2-Dichlorobenzene	ND		ug/kg	250	45.	1
1,3-Dichlorobenzene	ND		ug/kg	250	43.	1
1,4-Dichlorobenzene	ND		ug/kg	250	44.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	67.	1
2,4-Dinitrotoluene	ND		ug/kg	250	50.	1
2,6-Dinitrotoluene	ND		ug/kg	250	43.	1
Azobenzene	ND		ug/kg	250	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	27.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	38.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	43.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	720	230	1
Isophorone	ND		ug/kg	230	33.	1
Nitrobenzene	ND		ug/kg	230	37.	1
NDPA/DPA	ND		ug/kg	200	29.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	39.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	87.	1
Butyl benzyl phthalate	ND		ug/kg	250	63.	1
Di-n-butylphthalate	ND		ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	86.	1
Diethyl phthalate	ND		ug/kg	250	23.	1
Dimethyl phthalate	ND		ug/kg	250	53.	1
Biphenyl	59	J	ug/kg	570	33.	1
Aniline	ND		ug/kg	300	120	1
4-Chloroaniline	ND		ug/kg	250	46.	1

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	250	48.	1
3-Nitroaniline	ND		ug/kg	250	47.	1
4-Nitroaniline	ND		ug/kg	250	100	1
Dibenzofuran	500		ug/kg	250	24.	1
n-Nitrosodimethylamine	ND		ug/kg	500	48.	1
2,4,6-Trichlorophenol	ND		ug/kg	150	48.	1
p-Chloro-m-cresol	ND		ug/kg	250	38.	1
2-Chlorophenol	ND		ug/kg	250	30.	1
2,4-Dichlorophenol	ND		ug/kg	230	40.	1
2,4-Dimethylphenol	ND		ug/kg	250	83.	1
2-Nitrophenol	ND		ug/kg	540	95.	1
4-Nitrophenol	ND		ug/kg	350	100	1
2,4-Dinitrophenol	ND		ug/kg	1200	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	650	120	1
Phenol	ND		ug/kg	250	38.	1
2-Methylphenol	ND		ug/kg	250	39.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	360	39.	1
2,4,5-Trichlorophenol	ND		ug/kg	250	48.	1
Benzoic Acid	ND		ug/kg	820	250	1
Benzyl Alcohol	ND		ug/kg	250	77.	1
Carbazole	1100		ug/kg	250	24.	1
Pyridine	ND		ug/kg	270	96.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	80		18-120

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06 D

Date Collected: 09/14/23 14:12

Client ID: SD-418

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3546

Analytical Method: 1,8270E-SIM

Extraction Date: 09/19/23 00:01

Analytical Date: 09/27/23 13:50

Analyst: DV

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	1000		ug/kg	200	42.	20
2-Chloronaphthalene	ND		ug/kg	200	26.	20
Fluoranthene	20000		ug/kg	200	14.	20
Hexachlorobutadiene	ND		ug/kg	200	28.	20
Naphthalene	410		ug/kg	200	36.	20
Benzo(a)anthracene	9100		ug/kg	200	19.	20
Benzo(a)pyrene	9100		ug/kg	200	24.	20
Benzo(b)fluoranthene	11000		ug/kg	200	19.	20
Benzo(k)fluoranthene	3300		ug/kg	200	18.	20
Chrysene	8500		ug/kg	200	15.	20
Acenaphthylene	160	J	ug/kg	200	25.	20
Anthracene	2500		ug/kg	200	16.	20
Benzo(ghi)perylene	4800		ug/kg	200	17.	20
Fluorene	880		ug/kg	200	24.	20
Phenanthrene	10000		ug/kg	200	17.	20
Dibenzo(a,h)anthracene	1200		ug/kg	200	20.	20
Indeno(1,2,3-cd)Pyrene	6600		ug/kg	200	24.	20
Pyrene	16000		ug/kg	200	14.	20
1-Methylnaphthalene	180	J	ug/kg	200	31.	20
2-Methylnaphthalene	220		ug/kg	200	57.	20
Pentachlorophenol	ND		ug/kg	800	88.	20
Hexachlorobenzene	ND		ug/kg	200	21.	20
Hexachloroethane	ND		ug/kg	200	37.	20

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06 D

Date Collected: 09/14/23 14:12

Client ID: SD-418

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	0	Q	25-120
Phenol-d6	0	Q	10-120
Nitrobenzene-d5	0	Q	23-120
2-Fluorobiphenyl	0	Q	30-120
2,4,6-Tribromophenol	0	Q	10-136
4-Terphenyl-d14	0	Q	18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
Aniline	ND		ug/kg	200	77.
4-Chloroaniline	ND		ug/kg	160	30.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-06 Batch: WG1828957-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Pyridine	ND		ug/kg	180	62.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1828959-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.85
Fluoranthene	2.6	J	ug/kg	6.6	0.46
Hexachlorobutadiene	ND		ug/kg	6.6	0.92
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.9	J	ug/kg	6.6	0.62
Benzo(a)pyrene	1.7	J	ug/kg	6.6	0.79
Benzo(b)fluoranthene	1.9	J	ug/kg	6.6	0.62
Benzo(k)fluoranthene	0.66	J	ug/kg	6.6	0.59
Chrysene	1.5	J	ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.52
Benzo(ghi)perylene	1.5	J	ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	0.79	J	ug/kg	6.6	0.66
Indeno(1,2,3-cd)Pyrene	1.8	J	ug/kg	6.6	0.79
Pyrene	2.2	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9
Pentachlorophenol	ND		ug/kg	26	2.9
Hexachlorobenzene	ND		ug/kg	6.6	0.69
Hexachloroethane	ND		ug/kg	6.6	1.2

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-06 Batch: WG1828959-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Acenaphthene	68		65		31-137	5		50
Benzidine	42		37		10-66	13		50
1,2,4-Trichlorobenzene	77		73		38-107	5		50
Hexachlorobenzene	82		77		40-140	6		50
Bis(2-chloroethyl)ether	67		67		40-140	0		50
2-Chloronaphthalene	81		77		40-140	5		50
1,2-Dichlorobenzene	66		63		40-140	5		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	67		63		28-104	6		50
3,3'-Dichlorobenzidine	68		65		40-140	5		50
2,4-Dinitrotoluene	84		79		40-132	6		50
2,6-Dinitrotoluene	87		81		40-140	7		50
Azobenzene	75		72		40-140	4		50
Fluoranthene	77		73		40-140	5		50
4-Chlorophenyl phenyl ether	81		76		40-140	6		50
4-Bromophenyl phenyl ether	86		80		40-140	7		50
Bis(2-chloroisopropyl)ether	64		62		40-140	3		50
Bis(2-chloroethoxy)methane	72		68		40-117	6		50
Hexachlorobutadiene	89		85		40-140	5		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	70		67		40-140	4		50
Naphthalene	66		63		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Nitrobenzene	72		69		40-140	4		50
NDPA/DPA	75		72		36-157	4		50
n-Nitrosodi-n-propylamine	71		68		32-121	4		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		75		40-140	4		50
Di-n-butylphthalate	71		68		40-140	4		50
Di-n-octylphthalate	79		76		40-140	4		50
Diethyl phthalate	76		73		40-140	4		50
Dimethyl phthalate	78		75		40-140	4		50
Benzo(a)anthracene	75		72		40-140	4		50
Benzo(a)pyrene	77		75		40-140	3		50
Benzo(b)fluoranthene	71		69		40-140	3		50
Benzo(k)fluoranthene	72		68		40-140	6		50
Chrysene	74		71		40-140	4		50
Acenaphthylene	74		71		40-140	4		50
Anthracene	71		66		40-140	7		50
Benzo(ghi)perylene	70		66		40-140	6		50
Fluorene	75		72		40-140	4		50
Phenanthrene	69		66		40-140	4		50
Dibenzo(a,h)anthracene	68		65		40-140	5		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	78		74		35-142	5		50
Biphenyl	80		76		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Aniline	55		54		40-140	2		50
4-Chloroaniline	59		59		40-140	0		50
1-Methylnaphthalene	74		71		26-130	4		50
2-Nitroaniline	84		81		47-134	4		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	73		68		41-125	7		50
Dibenzofuran	74		72		40-140	3		50
2-Methylnaphthalene	71		68		40-140	4		50
n-Nitrosodimethylamine	67		64		22-100	5		50
2,4,6-Trichlorophenol	96		92		30-130	4		50
p-Chloro-m-cresol	76		74		26-103	3		50
2-Chlorophenol	69		66		25-102	4		50
2,4-Dichlorophenol	82		79		30-130	4		50
2,4-Dimethylphenol	72		67		30-130	7		50
2-Nitrophenol	80		75		30-130	6		50
4-Nitrophenol	91		85		11-114	7		50
2,4-Dinitrophenol	90		63		4-130	35		50
4,6-Dinitro-o-cresol	96		82		10-130	16		50
Pentachlorophenol	83		78		17-109	6		50
Phenol	70		65		26-90	7		50
2-Methylphenol	69		67		30-130.	3		50
3-Methylphenol/4-Methylphenol	69		66		30-130	4		50
2,4,5-Trichlorophenol	93		88		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-06 Batch: WG1828957-2 WG1828957-3								
Benzoic Acid	40		37		10-110	8		50
Benzyl Alcohol	73		69		40-140	6		50
Carbazole	69		64		54-128	8		50
Pyridine	46		43		10-93	7		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		70		25-120
Phenol-d6	76		71		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	82		78		30-120
2,4,6-Tribromophenol	88		79		10-136
4-Terphenyl-d14	75		68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1828959-2 WG1828959-3								
Acenaphthene	87		97		40-140	11		50
2-Chloronaphthalene	89		102		40-140	14		50
Fluoranthene	99		106		40-140	7		50
Hexachlorobutadiene	72		81		34-107	12		50
Naphthalene	86		97		40-140	12		50
Benzo(a)anthracene	98		114		40-140	15		50
Benzo(a)pyrene	105		119		40-140	13		50
Benzo(b)fluoranthene	105		110		40-140	5		50
Benzo(k)fluoranthene	86		104		40-140	19		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	105		118		40-140	12		50
Anthracene	96		104		40-140	8		50
Benzo(ghi)perylene	87		99		40-140	13		50
Fluorene	95		106		40-140	11		50
Phenanthrene	92		101		40-140	9		50
Dibenzo(a,h)anthracene	98		108		40-140	10		50
Indeno(1,2,3-cd)Pyrene	120		131		40-140	9		50
Pyrene	98		107		35-142	9		50
1-Methylnaphthalene	89		100		40-140	12		50
2-Methylnaphthalene	100		112		40-140	11		50
Pentachlorophenol	111	Q	119	Q	17-109	7		50
Hexachlorobenzene	67		75		40-140	11		50
Hexachloroethane	68		76		29-106	11		50

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-06 Batch: WG1828959-2 WG1828959-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
2-Fluorophenol	92		102		25-120
Phenol-d6	102		113		10-120
Nitrobenzene-d5	115		127	Q	23-120
2-Fluorobiphenyl	89		99		30-120
2,4,6-Tribromophenol	78		86		10-136
4-Terphenyl-d14	98		106		18-120

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 03:16
 Analyst: BAD
 Percent Solids: 81%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.6

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	5.04	5.04	1
C9-C12 Aliphatics	ND		mg/kg	5.04	5.04	1
C9-C10 Aromatics	ND		mg/kg	5.04	5.04	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.04	5.04	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.04	5.04	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	113		70-130
2,5-Dibromotoluene-FID	116		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 16:01
 Analyst: MTC
 Percent Solids: 81%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.78	7.78	1
C19-C36 Aliphatics	9.50		mg/kg	7.78	7.78	1
C11-C22 Aromatics	98.2		mg/kg	7.78	7.78	1
C11-C22 Aromatics, Adjusted	54.5		mg/kg	7.78	7.78	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	68		40-140
o-Terphenyl	84		40-140
2-Fluorobiphenyl	74		40-140
2-Bromonaphthalene	75		40-140

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 03:46
 Analyst: BAD
 Percent Solids: 30%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	26.4	26.4	1
C9-C12 Aliphatics	ND		mg/kg	26.4	26.4	1
C9-C10 Aromatics	ND		mg/kg	26.4	26.4	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	26.4	26.4	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	26.4	26.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	183	Q	70-130
2,5-Dibromotoluene-FID	186	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 15:18
 Analyst: SC
 Percent Solids: 30%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	22.0	22.0	1
C19-C36 Aliphatics	ND		mg/kg	22.0	22.0	1
C11-C22 Aromatics	152		mg/kg	22.0	22.0	1
C11-C22 Aromatics, Adjusted	68.0		mg/kg	22.0	22.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	75		40-140
2-Fluorobiphenyl	84		40-140
2-Bromonaphthalene	86		40-140

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 04:16
 Analyst: BAD
 Percent Solids: 36%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.3

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	19.7	19.7	1
C9-C12 Aliphatics	ND		mg/kg	19.7	19.7	1
C9-C10 Aromatics	ND		mg/kg	19.7	19.7	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	19.7	19.7	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	19.7	19.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	209	Q	70-130
2,5-Dibromotoluene-FID	213	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 15:43
 Analyst: SC
 Percent Solids: 36%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:02
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	17.9	17.9	1
C19-C36 Aliphatics	ND		mg/kg	17.9	17.9	1
C11-C22 Aromatics	65.8		mg/kg	17.9	17.9	1
C11-C22 Aromatics, Adjusted	42.4		mg/kg	17.9	17.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	66		40-140
o-Terphenyl	63		40-140
2-Fluorobiphenyl	67		40-140
2-Bromonaphthalene	68		40-140

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 04:46
 Analyst: BAD
 Percent Solids: 47%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:	Satisfactory
Sample Temperature upon receipt:	Received on Ice
Were samples received in methanol?	Yes (Covering the Soil)
Methanol ratio:	1:1 +/- 25%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	15.0	15.0	1
C9-C12 Aliphatics	ND		mg/kg	15.0	15.0	1
C9-C10 Aromatics	ND		mg/kg	15.0	15.0	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	15.0	15.0	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	15.0	15.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	176	Q	70-130
2,5-Dibromotoluene-FID	177	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 17:46
 Analyst: MTC
 Percent Solids: 47%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	13.8	13.8	1
C19-C36 Aliphatics	36.0		mg/kg	13.8	13.8	1
C11-C22 Aromatics	108		mg/kg	13.8	13.8	1
C11-C22 Aromatics, Adjusted	77.6		mg/kg	13.8	13.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	70		40-140
o-Terphenyl	76		40-140
2-Fluorobiphenyl	72		40-140
2-Bromonaphthalene	72		40-140

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 05:16
 Analyst: BAD
 Percent Solids: 71%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.7

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.30	6.30	1
C9-C12 Aliphatics	ND		mg/kg	6.30	6.30	1
C9-C10 Aromatics	ND		mg/kg	6.30	6.30	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.30	6.30	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.30	6.30	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	122		70-130
2,5-Dibromotoluene-FID	123		70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05
 Client ID: SD-417
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:55
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/20/23 19:02
 Analyst: SC
 Percent Solids: 71%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	29.1		mg/kg	9.02	9.02	1
C19-C36 Aliphatics	552		mg/kg	9.02	9.02	1
C11-C22 Aromatics	236		mg/kg	9.02	9.02	1
C11-C22 Aromatics, Adjusted	147		mg/kg	9.02	9.02	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	61		40-140
o-Terphenyl	64		40-140
2-Fluorobiphenyl	69		40-140
2-Bromonaphthalene	69		40-140

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/27/23 05:47
 Analyst: BAD
 Percent Solids: 65%

Trap: EST, Carbopack B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.8

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	7.14	7.14	1
C9-C12 Aliphatics	ND		mg/kg	7.14	7.14	1
C9-C10 Aromatics	ND		mg/kg	7.14	7.14	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	7.14	7.14	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	7.14	7.14	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	147	Q	70-130
2,5-Dibromotoluene-FID	147	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06 D
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/28/23 18:16
 Analyst: SC
 Percent Solids: 65%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 02:07
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	99.4	99.4	10
C19-C36 Aliphatics	324		mg/kg	99.4	99.4	10
C11-C22 Aromatics	280		mg/kg	99.4	99.4	10
C11-C22 Aromatics, Adjusted	200		mg/kg	99.4	99.4	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	77		40-140
o-Terphenyl	66		40-140
2-Fluorobiphenyl	60		40-140
2-Bromonaphthalene	60		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/20/23 10:41
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/19/23 02:02
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG1828966-1					
C9-C18 Aliphatics	ND		mg/kg	6.51	6.51
C19-C36 Aliphatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics	ND		mg/kg	6.51	6.51
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.51	6.51

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	71		40-140
o-Terphenyl	72		40-140
2-Fluorobiphenyl	73		40-140
2-Bromonaphthalene	73		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/26/23 19:15
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-06 Batch: WG1833143-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics	ND		mg/kg	5.00	5.00
C9-C10 Aromatics	ND		mg/kg	5.00	5.00
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1828966-2 WG1828966-3								
C9-C18 Aliphatics	58		56		40-140	4		25
C19-C36 Aliphatics	70		64		40-140	9		25
C11-C22 Aromatics	77		71		40-140	8		25
Naphthalene	67		64		40-140	5		25
2-Methylnaphthalene	70		67		40-140	4		25
Acenaphthylene	65		62		40-140	5		25
Acenaphthene	70		66		40-140	6		25
Fluorene	74		69		40-140	7		25
Phenanthrene	75		69		40-140	8		25
Anthracene	74		68		40-140	8		25
Fluoranthene	74		68		40-140	8		25
Pyrene	76		70		40-140	8		25
Benzo(a)anthracene	75		69		40-140	8		25
Chrysene	78		71		40-140	9		25
Benzo(b)fluoranthene	72		67		40-140	7		25
Benzo(k)fluoranthene	69		64		40-140	8		25
Benzo(a)pyrene	76		70		40-140	8		25
Indeno(1,2,3-cd)Pyrene	73		68		40-140	7		25
Dibenzo(a,h)anthracene	71		66		40-140	7		25
Benzo(ghi)perylene	69		65		40-140	6		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1828966-2 WG1828966-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	58		56		40-140
o-Terphenyl	70		64		40-140
2-Fluorobiphenyl	71		71		40-140
2-Bromonaphthalene	71		72		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-06 Batch: WG1833143-2 WG1833143-3								
C5-C8 Aliphatics	90		90		70-130	0		25
C9-C12 Aliphatics	103		104		70-130	1		25
C9-C10 Aromatics	107		108		70-130	1		25
Benzene	103		104		70-130	1		25
Toluene	105		106		70-130	1		25
Ethylbenzene	106		106		70-130	0		25
p/m-Xylene	104		105		70-130	1		25
o-Xylene	106		106		70-130	0		25
Methyl tert butyl ether	109		108		70-130	1		25
Naphthalene	114		110		70-130	4		25
1,2,4-Trimethylbenzene	107		108		70-130	1		25
Pentane	77		76		70-130	1		25
2-Methylpentane	92		92		70-130	0		25
2,2,4-Trimethylpentane	101		101		70-130	0		25
n-Nonane	101		102		30-130	1		25
n-Decane	103		105		70-130	2		25
n-Butylcyclohexane	104		105		70-130	1		25

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2,5-Dibromotoluene-PID	109		109		70-130
2,5-Dibromotoluene-FID	106		107		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-01
 Client ID: SD-403
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:20
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 23:49
 Analyst: AD
 Percent Solids: 81%

Extraction Method: EPA 3540C
 Extraction Date: 09/16/23 10:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	5.35	1	A
Aroclor 1221	ND		ug/kg	36.2	6.04	1	A
Aroclor 1232	ND		ug/kg	36.2	12.8	1	A
Aroclor 1242	ND		ug/kg	36.2	8.13	1	A
Aroclor 1248	ND		ug/kg	24.1	9.04	1	A
Aroclor 1254	12.2	J	ug/kg	36.2	6.60	1	A
Aroclor 1260	18.2	J	ug/kg	24.1	11.1	1	A
Aroclor 1262	ND		ug/kg	12.0	7.66	1	A
Aroclor 1268	ND		ug/kg	12.0	6.25	1	A
PCBs, Total	30.4	J	ug/kg	12.0	5.35	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-02
 Client ID: SD-404
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 23:59
 Analyst: AD
 Percent Solids: 30%

Extraction Method: EPA 3540C
 Extraction Date: 09/16/23 10:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	96.8	14.3	1	A
Aroclor 1221	ND		ug/kg	96.8	16.2	1	A
Aroclor 1232	ND		ug/kg	96.8	34.2	1	A
Aroclor 1242	ND		ug/kg	96.8	21.7	1	A
Aroclor 1248	ND		ug/kg	64.5	24.2	1	A
Aroclor 1254	ND		ug/kg	96.8	17.6	1	A
Aroclor 1260	31.7	J	ug/kg	64.5	29.8	1	A
Aroclor 1262	ND		ug/kg	32.2	20.5	1	A
Aroclor 1268	ND		ug/kg	32.2	16.7	1	A
PCBs, Total	31.7	J	ug/kg	32.2	14.3	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03
 Client ID: SD-414
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 12:29
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/19/23 00:09
 Analyst: AD
 Percent Solids: 36%

Extraction Method: EPA 3540C
 Extraction Date: 09/16/23 10:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	78.2	11.6	1	A
Aroclor 1221	ND		ug/kg	78.2	13.1	1	A
Aroclor 1232	ND		ug/kg	78.2	27.6	1	A
Aroclor 1242	ND		ug/kg	78.2	17.6	1	A
Aroclor 1248	ND		ug/kg	52.2	19.6	1	A
Aroclor 1254	ND		ug/kg	78.2	14.3	1	A
Aroclor 1260	ND		ug/kg	52.2	24.1	1	A
Aroclor 1262	ND		ug/kg	26.1	16.6	1	A
Aroclor 1268	ND		ug/kg	26.1	13.5	1	A
PCBs, Total	ND		ug/kg	26.1	11.6	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-04
 Client ID: SD-415
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 13:10
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/19/23 00:19
 Analyst: AD
 Percent Solids: 47%

Extraction Method: EPA 3540C
 Extraction Date: 09/16/23 10:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	59.5	8.80	1	A
Aroclor 1221	ND		ug/kg	59.5	9.93	1	A
Aroclor 1232	ND		ug/kg	59.5	21.0	1	A
Aroclor 1242	ND		ug/kg	59.5	13.4	1	A
Aroclor 1248	ND		ug/kg	39.6	14.9	1	A
Aroclor 1254	ND		ug/kg	59.5	10.8	1	A
Aroclor 1260	98.1		ug/kg	39.6	18.3	1	A
Aroclor 1262	ND		ug/kg	19.8	12.6	1	A
Aroclor 1268	ND		ug/kg	19.8	10.3	1	A
PCBs, Total	98.1		ug/kg	19.8	8.80	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05 D

Date Collected: 09/14/23 13:55

Client ID: SD-417

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: EPA 3540C

Analytical Method: 1,8082A

Extraction Date: 09/16/23 10:45

Analytical Date: 09/19/23 00:39

Cleanup Method: EPA 3665A

Analyst: AD

Cleanup Date: 09/18/23

Percent Solids: 71%

Cleanup Method: EPA 3660B

Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	208	30.8	5	A
Aroclor 1221	ND		ug/kg	208	34.8	5	A
Aroclor 1232	ND		ug/kg	208	73.6	5	A
Aroclor 1242	ND		ug/kg	208	46.8	5	A
Aroclor 1248	ND		ug/kg	139	52.1	5	A
Aroclor 1254	ND		ug/kg	208	38.0	5	A
Aroclor 1260	4370		ug/kg	139	64.2	5	A
Aroclor 1262	ND		ug/kg	69.4	44.1	5	A
Aroclor 1268	ND		ug/kg	69.4	36.0	5	A
PCBs, Total	4370		ug/kg	69.4	30.8	5	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	51		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-06
 Client ID: SD-418
 Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 14:12
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/19/23 00:29
 Analyst: AD
 Percent Solids: 65%

Extraction Method: EPA 3540C
 Extraction Date: 09/16/23 10:45
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/18/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.0	6.82	1	A
Aroclor 1221	ND		ug/kg	46.0	7.69	1	A
Aroclor 1232	ND		ug/kg	46.0	16.3	1	A
Aroclor 1242	ND		ug/kg	46.0	10.3	1	A
Aroclor 1248	ND		ug/kg	30.7	11.5	1	A
Aroclor 1254	ND		ug/kg	46.0	8.40	1	A
Aroclor 1260	1980		ug/kg	30.7	14.2	1	A
Aroclor 1262	ND		ug/kg	15.4	9.75	1	A
Aroclor 1268	ND		ug/kg	15.4	7.95	1	A
PCBs, Total	1980		ug/kg	15.4	6.82	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 23:19
Analyst: AD

Extraction Method: EPA 3540C
Extraction Date: 09/16/23 10:45
Cleanup Method: EPA 3665A
Cleanup Date: 09/18/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/18/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-06 Batch: WG1828236-1						
Aroclor 1016	ND		ug/kg	28.2	4.18	A
Aroclor 1221	ND		ug/kg	28.2	4.71	A
Aroclor 1232	ND		ug/kg	28.2	9.97	A
Aroclor 1242	ND		ug/kg	28.2	6.34	A
Aroclor 1248	ND		ug/kg	18.8	7.06	A
Aroclor 1254	ND		ug/kg	28.2	5.14	A
Aroclor 1260	ND		ug/kg	18.8	8.69	A
Aroclor 1262	ND		ug/kg	9.41	5.97	A
Aroclor 1268	ND		ug/kg	9.41	4.87	A
PCBs, Total	ND		ug/kg	9.41	4.18	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	54		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-06 Batch: WG1828236-2 WG1828236-3									
Aroclor 1016	66		66		40-140	0		50	A
Aroclor 1260	62		60		40-140	3		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		69		30-150	A
Decachlorobiphenyl	68		67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		66		30-150	B
Decachlorobiphenyl	62		57		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-01

Date Collected: 09/14/23 11:20

Client ID: SD-403

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4300		mg/kg	120	18.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Antimony, Total	0.60	J	mg/kg	1.9	0.16	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Arsenic, Total	11		mg/kg	0.60	0.08	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Barium, Total	16		mg/kg	3.6	0.25	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.21	J	mg/kg	0.36	0.10	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.08	J	mg/kg	0.24	0.03	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Calcium, Total	16000		mg/kg	600	73.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Chromium, Total	47		mg/kg	2.4	0.56	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Cobalt, Total	6.9		mg/kg	0.60	0.06	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Copper, Total	46		mg/kg	2.4	0.23	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Iron, Total	47000		mg/kg	240	25.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Lead, Total	200		mg/kg	0.72	0.18	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Magnesium, Total	3400		mg/kg	120	15.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Manganese, Total	300		mg/kg	2.4	0.53	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.084	0.055	1	09/23/23 01:08	09/23/23 13:39	EPA 7471B	1,7471B	GMG
Nickel, Total	190		mg/kg	1.2	0.32	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Potassium, Total	1100		mg/kg	120	19.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Selenium, Total	1.6	J	mg/kg	2.4	0.91	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Silver, Total	0.07	J	mg/kg	0.60	0.06	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Sodium, Total	2200		mg/kg	180	14.	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Thallium, Total	0.14	J	mg/kg	0.48	0.06	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Vanadium, Total	690		mg/kg	1.2	0.46	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF
Zinc, Total	56		mg/kg	12	3.1	10	09/23/23 00:20	09/27/23 18:15	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-02

Date Collected: 09/14/23 11:40

Client ID: SD-404

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	12000		mg/kg	330	49.	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Antimony, Total	ND		mg/kg	5.3	0.44	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Arsenic, Total	11		mg/kg	1.6	0.22	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Barium, Total	29		mg/kg	9.9	0.69	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.57	J	mg/kg	0.99	0.29	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.18	J	mg/kg	0.66	0.09	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Calcium, Total	3200		mg/kg	1600	200	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Chromium, Total	38		mg/kg	6.6	1.5	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Cobalt, Total	7.3		mg/kg	1.6	0.17	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Copper, Total	27		mg/kg	6.6	0.64	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Iron, Total	20000		mg/kg	660	68.	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Lead, Total	53		mg/kg	2.0	0.48	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Magnesium, Total	8300		mg/kg	330	40.	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Manganese, Total	220		mg/kg	6.6	1.4	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Mercury, Total	0.154	J	mg/kg	0.234	0.152	1	09/23/23 01:08	09/23/23 13:42	EPA 7471B	1,7471B	GMG
Nickel, Total	36		mg/kg	3.3	0.88	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Potassium, Total	3700		mg/kg	330	52.	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Selenium, Total	4.5	J	mg/kg	6.6	2.5	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	1.6	0.16	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Sodium, Total	19000		mg/kg	490	38.	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Thallium, Total	0.20	J	mg/kg	1.3	0.17	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Vanadium, Total	79		mg/kg	3.3	1.2	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF
Zinc, Total	73		mg/kg	33	8.5	10	09/23/23 00:20	09/27/23 19:17	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-03

Date Collected: 09/14/23 12:29

Client ID: SD-414

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 36%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13000		mg/kg	270	40.	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Antimony, Total	ND		mg/kg	4.4	0.37	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Arsenic, Total	12		mg/kg	1.4	0.18	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Barium, Total	30		mg/kg	8.2	0.57	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.58	J	mg/kg	0.82	0.24	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.13	J	mg/kg	0.54	0.07	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Calcium, Total	14000		mg/kg	1400	160	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Chromium, Total	37		mg/kg	5.4	1.3	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Cobalt, Total	7.2		mg/kg	1.4	0.14	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Copper, Total	22		mg/kg	5.4	0.53	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Iron, Total	20000		mg/kg	540	56.	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Lead, Total	31		mg/kg	1.6	0.40	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Magnesium, Total	8400		mg/kg	270	33.	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Manganese, Total	250		mg/kg	5.4	1.2	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Mercury, Total	ND		mg/kg	0.178	0.116	1	09/23/23 01:08	09/23/23 13:45	EPA 7471B	1,7471B	GMG
Nickel, Total	24		mg/kg	2.7	0.73	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Potassium, Total	3600		mg/kg	270	43.	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Selenium, Total	4.3	J	mg/kg	5.4	2.0	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	1.4	0.13	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Sodium, Total	16000		mg/kg	410	32.	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Thallium, Total	0.18	J	mg/kg	1.1	0.14	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Vanadium, Total	47		mg/kg	2.7	1.0	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF
Zinc, Total	62		mg/kg	27	7.1	10	09/23/23 00:20	09/27/23 19:22	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-04

Date Collected: 09/14/23 13:10

Client ID: SD-415

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8400		mg/kg	200	30.	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Antimony, Total	ND		mg/kg	3.3	0.28	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Arsenic, Total	10		mg/kg	1.0	0.13	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Barium, Total	25		mg/kg	6.1	0.43	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.39	J	mg/kg	0.61	0.18	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.12	J	mg/kg	0.41	0.05	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Calcium, Total	41000		mg/kg	1000	120	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Chromium, Total	34		mg/kg	4.1	0.96	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Cobalt, Total	5.8		mg/kg	1.0	0.11	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Copper, Total	25		mg/kg	4.1	0.40	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Iron, Total	16000		mg/kg	410	42.	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Lead, Total	29		mg/kg	1.2	0.30	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Magnesium, Total	6000		mg/kg	200	25.	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Manganese, Total	190		mg/kg	4.1	0.91	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Mercury, Total	0.100	J	mg/kg	0.134	0.087	1	09/23/23 01:08	09/23/23 13:49	EPA 7471B	1,7471B	GMG
Nickel, Total	93		mg/kg	2.0	0.54	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Potassium, Total	2500		mg/kg	200	32.	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Selenium, Total	2.6	J	mg/kg	4.1	1.5	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	1.0	0.10	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Sodium, Total	10000		mg/kg	310	24.	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Thallium, Total	0.14	J	mg/kg	0.82	0.10	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Vanadium, Total	260		mg/kg	2.0	0.77	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF
Zinc, Total	51		mg/kg	20	5.3	10	09/23/23 00:20	09/27/23 19:27	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-05

Date Collected: 09/14/23 13:55

Client ID: SD-417

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6800		mg/kg	140	20.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Antimony, Total	7.0		mg/kg	2.2	0.19	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Arsenic, Total	38		mg/kg	0.69	0.09	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Barium, Total	150		mg/kg	4.2	0.29	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.59		mg/kg	0.42	0.12	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Cadmium, Total	3.2		mg/kg	0.28	0.04	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Calcium, Total	12000		mg/kg	690	84.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Chromium, Total	160		mg/kg	2.8	0.65	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Cobalt, Total	48		mg/kg	0.69	0.07	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Copper, Total	1500		mg/kg	2.8	0.27	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Iron, Total	170000		mg/kg	280	29.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Lead, Total	920		mg/kg	0.83	0.20	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Magnesium, Total	5400		mg/kg	140	17.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Manganese, Total	810		mg/kg	2.8	0.62	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Mercury, Total	2.44		mg/kg	0.093	0.061	1	09/23/23 01:08	09/23/23 13:52	EPA 7471B	1,7471B	GMG
Nickel, Total	2000		mg/kg	1.4	0.37	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Potassium, Total	1400		mg/kg	140	22.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Selenium, Total	3.1		mg/kg	2.8	1.0	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Silver, Total	1.7		mg/kg	0.69	0.07	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Sodium, Total	230		mg/kg	210	16.	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Thallium, Total	0.10	J	mg/kg	0.56	0.07	10	09/23/23 00:20	09/27/23 19:31	EPA 3050B	1,6020B	EJF
Vanadium, Total	12000		mg/kg	14	5.3	100	09/23/23 00:20	09/27/23 19:45	EPA 3050B	1,6020B	EJF
Zinc, Total	1000		mg/kg	140	36.	100	09/23/23 00:20	09/27/23 19:45	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-06

Date Collected: 09/14/23 14:12

Client ID: SD-418

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 65%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	11000		mg/kg	150	22.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Antimony, Total	4.0		mg/kg	2.4	0.20	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Arsenic, Total	16		mg/kg	0.75	0.10	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Barium, Total	150		mg/kg	4.5	0.32	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.53		mg/kg	0.45	0.13	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Cadmium, Total	9.6		mg/kg	0.30	0.04	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Calcium, Total	29000		mg/kg	750	91.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Chromium, Total	100		mg/kg	3.0	0.70	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Cobalt, Total	46		mg/kg	0.75	0.08	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Copper, Total	1100		mg/kg	3.0	0.29	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Iron, Total	73000		mg/kg	300	31.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Lead, Total	530		mg/kg	0.90	0.22	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Magnesium, Total	9600		mg/kg	150	18.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Manganese, Total	1000		mg/kg	3.0	0.66	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Mercury, Total	48.6		mg/kg	2.55	1.66	25	09/23/23 01:08	09/23/23 14:03	EPA 7471B	1,7471B	GMG
Nickel, Total	2100		mg/kg	1.5	0.40	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Potassium, Total	1500		mg/kg	150	24.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Selenium, Total	3.7		mg/kg	3.0	1.1	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Silver, Total	1.7		mg/kg	0.75	0.07	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Sodium, Total	350		mg/kg	220	18.	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Thallium, Total	0.11	J	mg/kg	0.60	0.08	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Vanadium, Total	5200		mg/kg	1.5	0.57	10	09/23/23 00:20	09/27/23 19:36	EPA 3050B	1,6020B	EJF
Zinc, Total	2100		mg/kg	150	39.	100	09/23/23 00:20	09/27/23 19:50	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1828039-1									
Aluminum, Total	ND	mg/kg	100	15.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Antimony, Total	ND	mg/kg	1.6	0.14	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Arsenic, Total	ND	mg/kg	0.50	0.07	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Barium, Total	ND	mg/kg	3.0	0.21	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Beryllium, Total	ND	mg/kg	0.30	0.09	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Cadmium, Total	ND	mg/kg	0.20	0.03	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Calcium, Total	ND	mg/kg	500	61.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Chromium, Total	ND	mg/kg	2.0	0.47	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Cobalt, Total	ND	mg/kg	0.50	0.05	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Copper, Total	ND	mg/kg	2.0	0.19	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Iron, Total	ND	mg/kg	200	21.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Lead, Total	ND	mg/kg	0.60	0.15	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Magnesium, Total	ND	mg/kg	100	12.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Manganese, Total	ND	mg/kg	2.0	0.44	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Nickel, Total	ND	mg/kg	1.0	0.27	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Potassium, Total	ND	mg/kg	100	16.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Selenium, Total	ND	mg/kg	2.0	0.76	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Silver, Total	ND	mg/kg	0.50	0.05	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Sodium, Total	ND	mg/kg	150	12.	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Thallium, Total	ND	mg/kg	0.40	0.05	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Vanadium, Total	ND	mg/kg	1.0	0.38	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF
Zinc, Total	ND	mg/kg	10	2.6	10	09/23/23 00:20	09/27/23 17:52	1,6020B	EJF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-06 Batch: WG1828040-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/23/23 00:34	09/23/23 08:07	1,7471B	GMG



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828039-2 SRM Lot Number: D119-540								
Aluminum, Total	78		-		48-152	-		20
Antimony, Total	108		-		10-190	-		20
Arsenic, Total	104		-		83-117	-		20
Barium, Total	108		-		82-118	-		20
Beryllium, Total	103		-		83-117	-		20
Cadmium, Total	100		-		82-117	-		20
Calcium, Total	100		-		81-118	-		20
Chromium, Total	100		-		82-119	-		20
Cobalt, Total	98		-		83-117	-		20
Copper, Total	96		-		84-116	-		20
Iron, Total	100		-		60-140	-		20
Lead, Total	101		-		82-118	-		20
Magnesium, Total	96		-		76-124	-		20
Manganese, Total	102		-		82-118	-		20
Nickel, Total	100		-		82-117	-		20
Potassium, Total	89		-		70-130	-		20
Selenium, Total	106		-		79-121	-		20
Silver, Total	112		-		80-120	-		20
Sodium, Total	108		-		74-126	-		20
Thallium, Total	98		-		81-119	-		20
Vanadium, Total	98		-		79-121	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828039-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-06 Batch: WG1828040-2 SRM Lot Number: D119-540					
Mercury, Total	101	-	73-127	-	

Matrix Spike Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1828039-3 QC Sample: L2353839-01 Client ID: SD-403												
Aluminum, Total	4300	189	4500	106		-	-		75-125	-		20
Antimony, Total	0.60J	47.3	37	78		-	-		75-125	-		20
Arsenic, Total	11	11.4	23	106		-	-		75-125	-		20
Barium, Total	16	189	210	102		-	-		75-125	-		20
Beryllium, Total	0.21J	4.73	4.5	95		-	-		75-125	-		20
Cadmium, Total	0.08J	5.02	4.6	92		-	-		75-125	-		20
Calcium, Total	16000	947	66000	5280	Q	-	-		75-125	-		20
Chromium, Total	47	18.9	61	74	Q	-	-		75-125	-		20
Cobalt, Total	6.9	47.3	46	82		-	-		75-125	-		20
Copper, Total	46	23.7	56	42	Q	-	-		75-125	-		20
Iron, Total	47000	94.7	48000	1060	Q	-	-		75-125	-		20
Lead, Total	200	50.2	1100	1790	Q	-	-		75-125	-		20
Magnesium, Total	3400	947	4900	158	Q	-	-		75-125	-		20
Manganese, Total	300	47.3	360	127	Q	-	-		75-125	-		20
Nickel, Total	190	47.3	150	0	Q	-	-		75-125	-		20
Potassium, Total	1100	947	2300	127	Q	-	-		75-125	-		20
Selenium, Total	1.6J	11.4	11	97		-	-		75-125	-		20
Silver, Total	0.07J	4.73	4.9	103		-	-		75-125	-		20
Sodium, Total	2200	947	4200	211	Q	-	-		75-125	-		20
Thallium, Total	0.14J	11.4	11	97		-	-		75-125	-		20
Vanadium, Total	690	47.3	700	21	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1828039-3 QC Sample: L2353839-01 Client ID: SD-403									
Zinc, Total	56	47.3	86	63	Q	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1828039-4 QC Sample: L2353839-01 Client ID: SD-403						
Aluminum, Total	4300	3600	mg/kg	18		20
Antimony, Total	0.60J	1.8J	mg/kg	NC		20
Arsenic, Total	11	40	mg/kg	114	Q	20
Barium, Total	16	50	mg/kg	103	Q	20
Beryllium, Total	0.21J	0.20J	mg/kg	NC		20
Cadmium, Total	0.08J	0.16J	mg/kg	NC		20
Calcium, Total	16000	25000	mg/kg	44	Q	20
Chromium, Total	47	67	mg/kg	35	Q	20
Cobalt, Total	6.9	10	mg/kg	37	Q	20
Copper, Total	46	90	mg/kg	65	Q	20
Iron, Total	47000	93000	mg/kg	66	Q	20
Lead, Total	200	130	mg/kg	42	Q	20
Magnesium, Total	3400	3300	mg/kg	3		20
Manganese, Total	300	450	mg/kg	40	Q	20
Nickel, Total	190	100	mg/kg	62	Q	20
Potassium, Total	1100	1200	mg/kg	9		20
Selenium, Total	1.6J	1.6J	mg/kg	NC		20
Silver, Total	0.07J	ND	mg/kg	NC		20
Sodium, Total	2200	2800	mg/kg	24	Q	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1828039-4 QC Sample: L2353839-01 Client ID: SD-403					
Thallium, Total	0.14J	0.30J	mg/kg	NC	20
Vanadium, Total	690	950	mg/kg	32 Q	20
Zinc, Total	56	96	mg/kg	53 Q	20

Project Name: MASON STATION

Project Number: Not Specified

**Lab Serial Dilution
Analysis
Batch Quality Control**

Lab Number: L2353839

Report Date: 09/29/23

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1828039-6 QC Sample: L2353839-01 Client ID: SD-403						
Aluminum, Total	4300	4500	mg/kg	5		20
Calcium, Total	16000	16000	mg/kg	0		20
Iron, Total	47000	46000	mg/kg	2		20
Lead, Total	200	200	mg/kg	0		20
Magnesium, Total	3400	3700	mg/kg	9		20
Manganese, Total	300	280	mg/kg	7		20
Nickel, Total	190	190	mg/kg	0		20
Vanadium, Total	690	710	mg/kg	3		20

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-01

Date Collected: 09/14/23 11:20

Client ID: SD-403

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	0.729		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	0.269		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	0.499		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-02

Client ID: SD-404

Sample Location: WISCASSETT MAINE

Date Collected: 09/14/23 11:40

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	3.99		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	4.07		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	4.03		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	30.1		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-03

Date Collected: 09/14/23 12:29

Client ID: SD-414

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.29		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	2.74		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	2.52		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	35.5		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-04

Date Collected: 09/14/23 13:10

Client ID: SD-415

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	2.36		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	1.95		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	2.15		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	46.7		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**SAMPLE RESULTS**

Lab ID: L2353839-05

Date Collected: 09/14/23 13:55

Client ID: SD-417

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	3.54		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	3.18		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	3.36		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	70.6		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

SAMPLE RESULTS

Lab ID: L2353839-06

Date Collected: 09/14/23 14:12

Client ID: SD-418

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Organic Carbon - Mansfield Lab										
Total Organic Carbon (Rep1)	4.60		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	4.04		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	4.32		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
General Chemistry - Westborough Lab										
Solids, Total	64.5		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-06 Batch: WG1827837-2										
Solids, Total	100		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI
Total Organic Carbon - Mansfield Lab for sample(s): 01-06 Batch: WG1833428-1										
Total Organic Carbon (Rep1)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Rep2)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP
Total Organic Carbon (Average)	ND		%	0.010	0.010	1	-	09/28/23 17:22	1,9060A	SPP

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-06 Batch: WG1833428-2								
Total Organic Carbon (Rep1)	97		-		75-125	-		25
Total Organic Carbon (Rep2)	107		-		75-125	-		25
Total Organic Carbon (Average)	102		-		75-125	-		25

Matrix Spike Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1833428-4 WG1833428-5 QC Sample: L2353839-04 Client ID: SD-415												
Total Organic Carbon (Rep1)	2.36	1.72	4.02	96		4.44	111		75-125	10		25
Total Organic Carbon (Rep2)	1.95	1.39	4.01	148	Q	4.52	124		75-125	12		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353839

Report Date: 09/29/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Organic Carbon - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1833428-3 QC Sample: L2353839-04 Client ID: SD-415						
Total Organic Carbon (Rep1)	2.36	2.34	%	1		25
Total Organic Carbon (Rep2)	1.95	2.46	%	23		25
Total Organic Carbon (Average)	2.15	2.40	%	11		25

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353839-01A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-01B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-01C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-01D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)
L2353839-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		FE-6020T(180),SE-6020T(180),BA-6020T(180),TL-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),A2-TOC-9060-2REPS(28),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2353839-01F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-01G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353839-02A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-02B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-02C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-02D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)
L2353839-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),K-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),MG-6020T(180),A2-TOC-9060-2REPS(28),AG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),CO-6020T(180)
L2353839-02F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-02G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

Project Name: MASON STATION

Lab Number: L2353839

Project Number: Not Specified

Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353839-03A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-03B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-03C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-03D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)
L2353839-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),A2-TOC-9060-2REPS(28),MG-6020T(180),CD-6020T(180),CO-6020T(180)
L2353839-03F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-03G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353839-04A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-04B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-04C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-04D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)
L2353839-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),A2-TOC-9060-2REPS(28),HG-T(28),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2353839-04F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-04G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353839-05A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-05B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-05C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-05D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:09292313:45
Lab Number: L2353839
Report Date: 09/29/23

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353839-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		SE-6020T(180),BA-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),A2-TOC-9060-2REPS(28),HG-T(28),CD-6020T(180),AG-6020T(180),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2353839-05F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-05G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353839-06A	Vial MeOH preserved	A	NA		5.5	Y	Present/Intact		VPH-18(28)
L2353839-06B	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-06C	Vial water preserved	A	NA		5.5	Y	Present/Intact	15-SEP-23 11:22	8260HLW(14)
L2353839-06D	Plastic 2oz unpreserved for TS	A	NA		5.5	Y	Present/Intact		ME-TS-2540(7)
L2353839-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		5.5	Y	Present/Intact		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),HG-T(28),AL-6020T(180),MG-6020T(180),CD-6020T(180),A2-TOC-9060-2REPS(28),CO-6020T(180)
L2353839-06F	Glass 250ml/8oz unpreserved	A	NA		5.5	Y	Present/Intact		SUB-ASBESTOS()
L2353839-06G	Glass 500ml/16oz unpreserved	A	NA		5.5	Y	Present/Intact		8270TCL(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353839-07A	Vial HCl preserved	A	NA		5.5	Y	Present/Intact		ME-8260(14)
L2353839-07B	Vial HCl preserved	A	NA		5.5	Y	Present/Intact		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
Report Date: 09/29/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353839
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353839**Project Number:** Not Specified**Report Date:** 09/29/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

12353839



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Date Rec'd in Lab: 9/15/23

ALPHA Job #: REMOZ

Report Information Data Deliverables Billing Information

FAX EMAIL Same as Client info PO #:
 ADEx Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program Criteria

Westborough, MA Mansfield, MA
 TEL: 508-898-9220 TEL: 508-822-9300
 FAX: 508-898-9193 FAX: 508-822-3286

Client Information

Client: Maine DEP
 Address: 17 State House Station

Phone: 207-441-2181

Fax:
 Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:
 Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

ANALYSIS

	VOC's EPA 8260D/5035 High Low	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Organic Carbon - EPA 9060A	PCB's - EPA 8082A Low Level	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - PLM (Subcontract)	Total Solids - SM 2540
3839 -01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-04	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-05	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-06	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
-07	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE HANDLING	TOTAL # BOTTLES

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
3839 -01	SD-403	9/14/23	1120	SD	MB
-02	SD-404	9/14/23	1140	SD	MB
-03	SD-414	9/14/23	1229	SD	MB
-04	SD-415	9/14/23	1310	SD	MB
-05	SD-417	9/14/23	1355	SD	MB
-06	SD-418	9/14/23	1412	SD	LR
-07	Trip Blank	9/14/23	1412	XI	FW

Container Type	V	G	G	G	V	G	G	G	G	G	P	-
Preservative	O	A	A	A	F	A	A	A	A	A	A	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	9/14/23 1527	<i>[Signature]</i>	9/14/23 1535
<i>[Signature]</i>	9/14/23 1535	<i>[Signature]</i>	9/14/23 15:20
<i>[Signature]</i>	9/14/23 1500	<i>[Signature]</i>	9/14/23 1500

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

9/15/23 0107

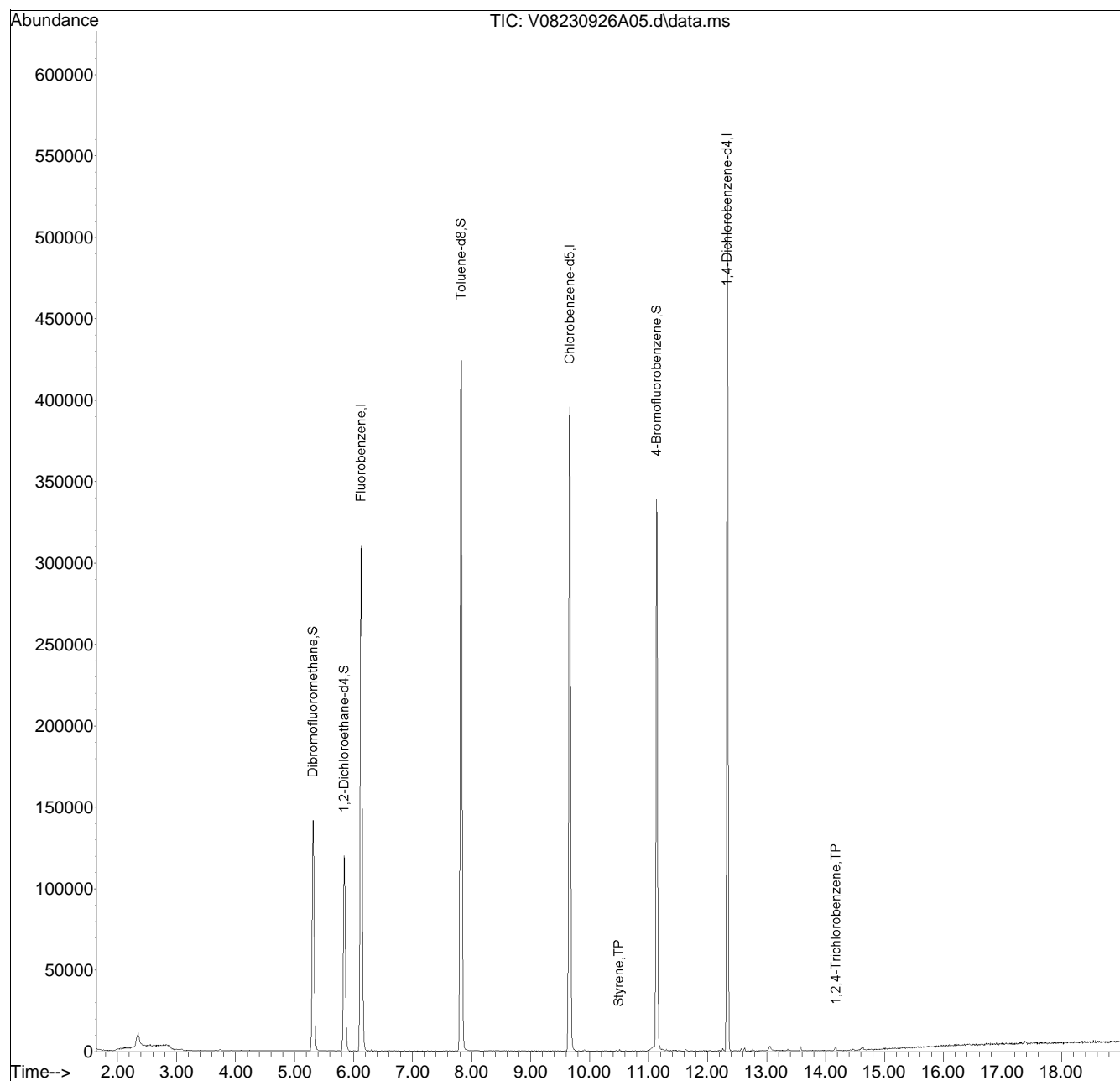


Quantitation Report (QT Reviewed)

Data Path : K:\VOA108\2023\230926A\
Data File : V08230926A05.d
Acq On : 26 Sep 2023 10:41 am
Operator : VOA108:PID
Sample : WG1832403-5,31,10,10
Misc : WG1832403,ICAL20324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 11:30:10 2023
Quant Method : K:\VOA108\2023\230926A\V108_230823N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 30 11:46:48 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

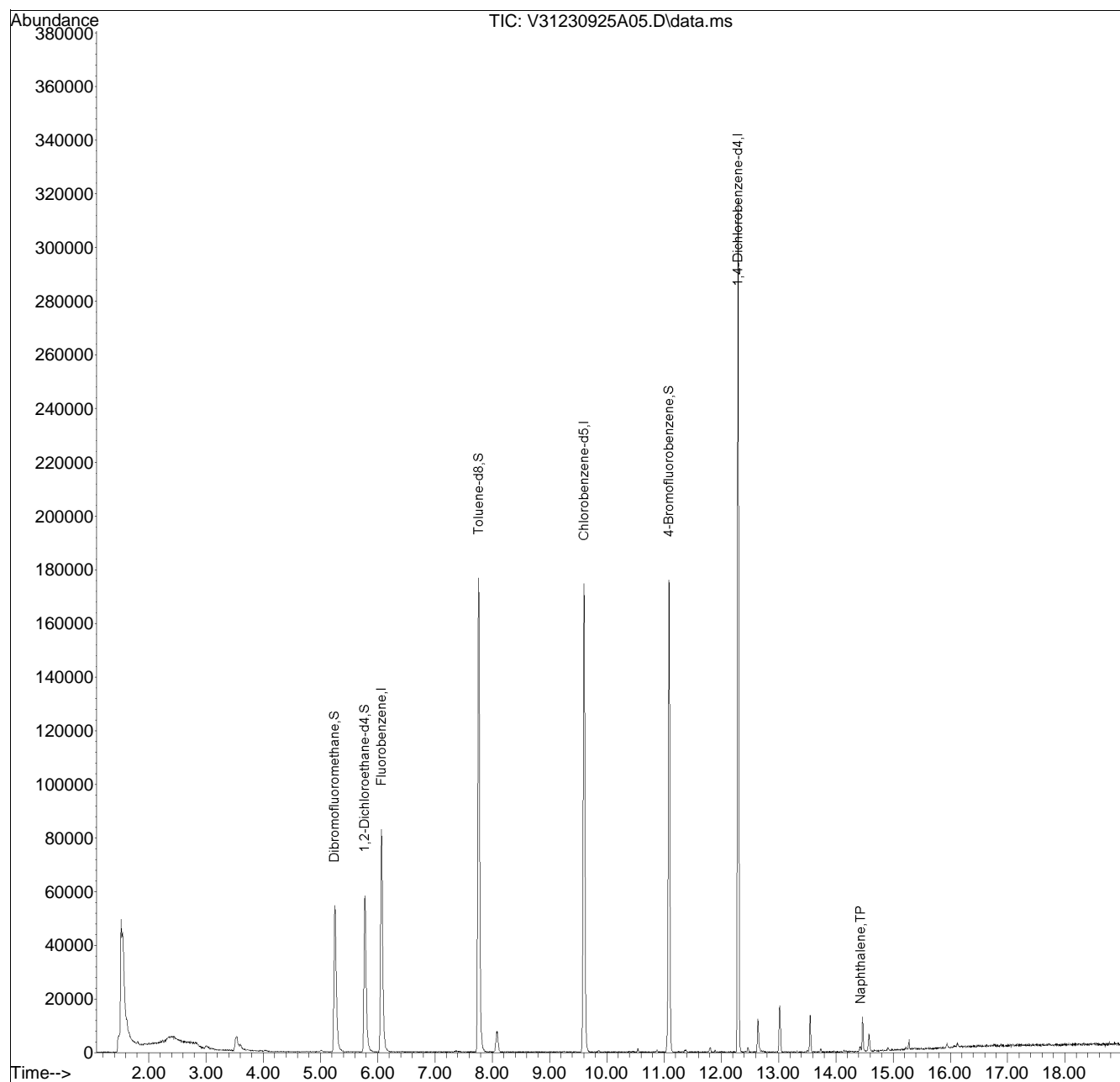


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A05.D
Acq On : 25 Sep 2023 11:28 am
Operator : VOA131:AJK
Sample : WG1832677-5,31,5,5
Misc : WG1832677,ICAL20244
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 13:23:00 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

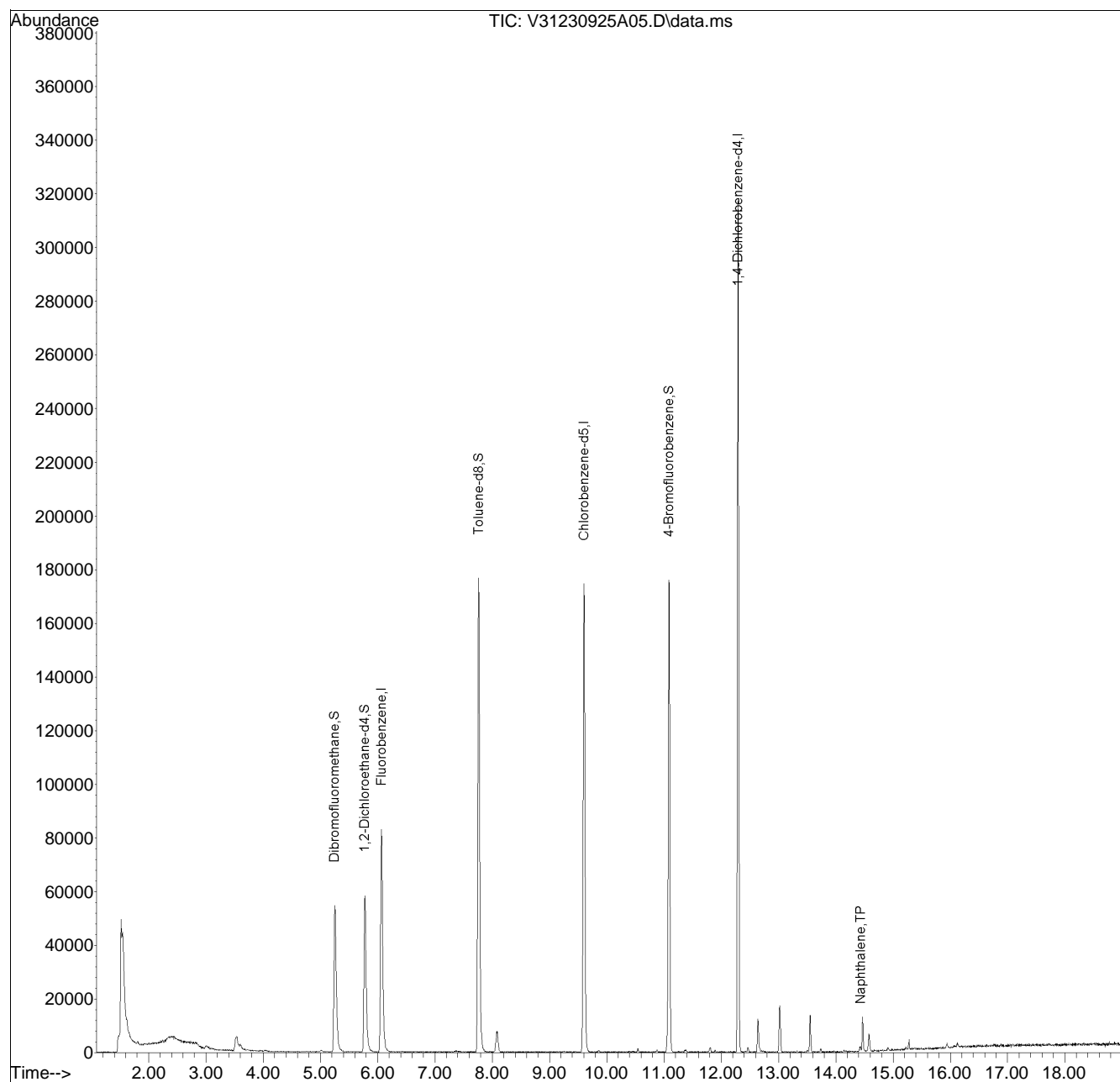


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A05.D
Acq On : 25 Sep 2023 11:28 am
Operator : VOA131:AJK
Sample : WG1832676-5,31h,15,15,0.1
Misc : WG1832676,ICAL20244
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 13:23:00 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

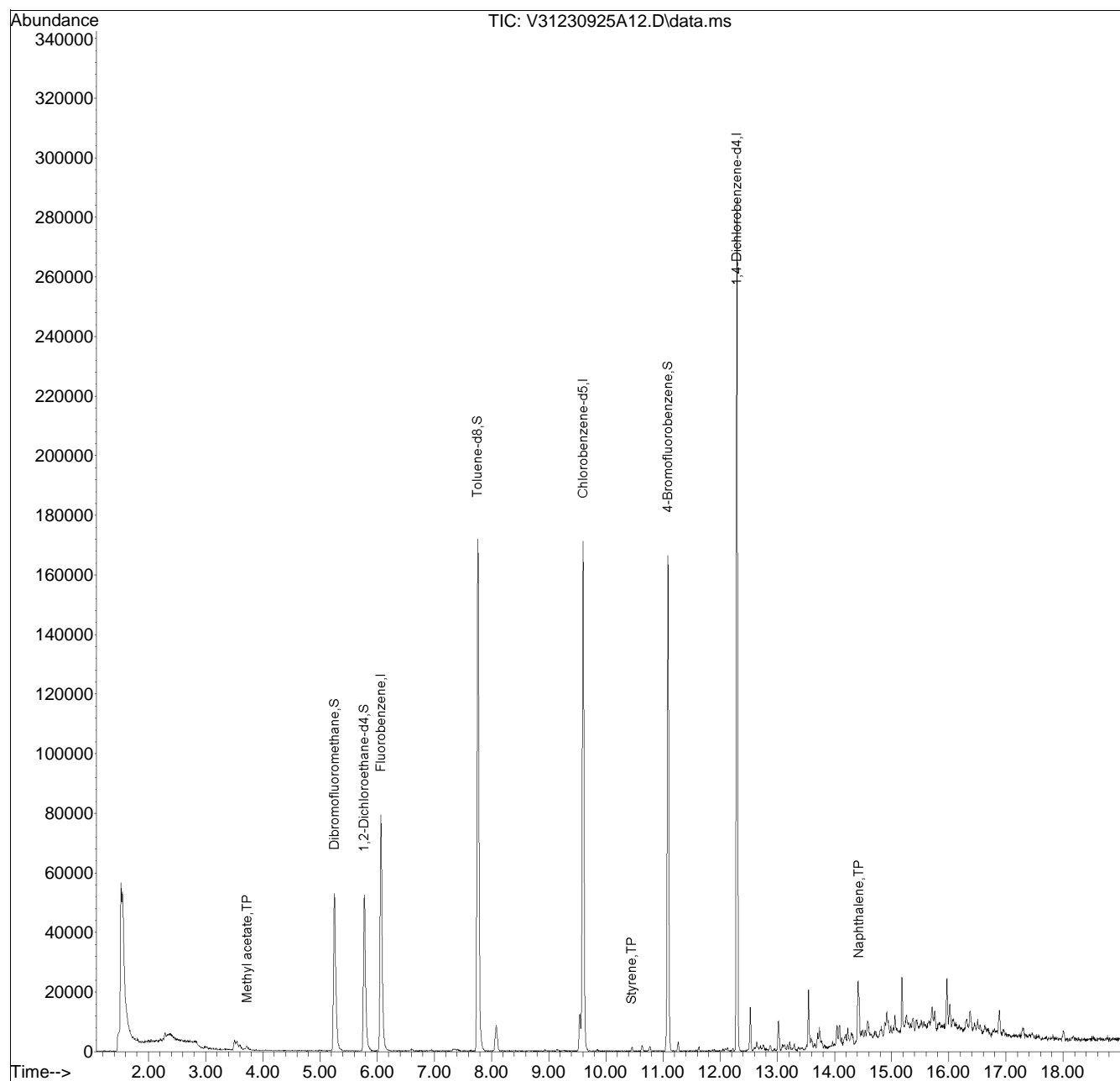


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A12.D
Acq On : 25 Sep 2023 02:30 pm
Operator : VOA131:JIC
Sample : 12353839-01,31h,23.72,15,0.100,,a
Misc : WG1832676,ICAL20244
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 27 11:28:01 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

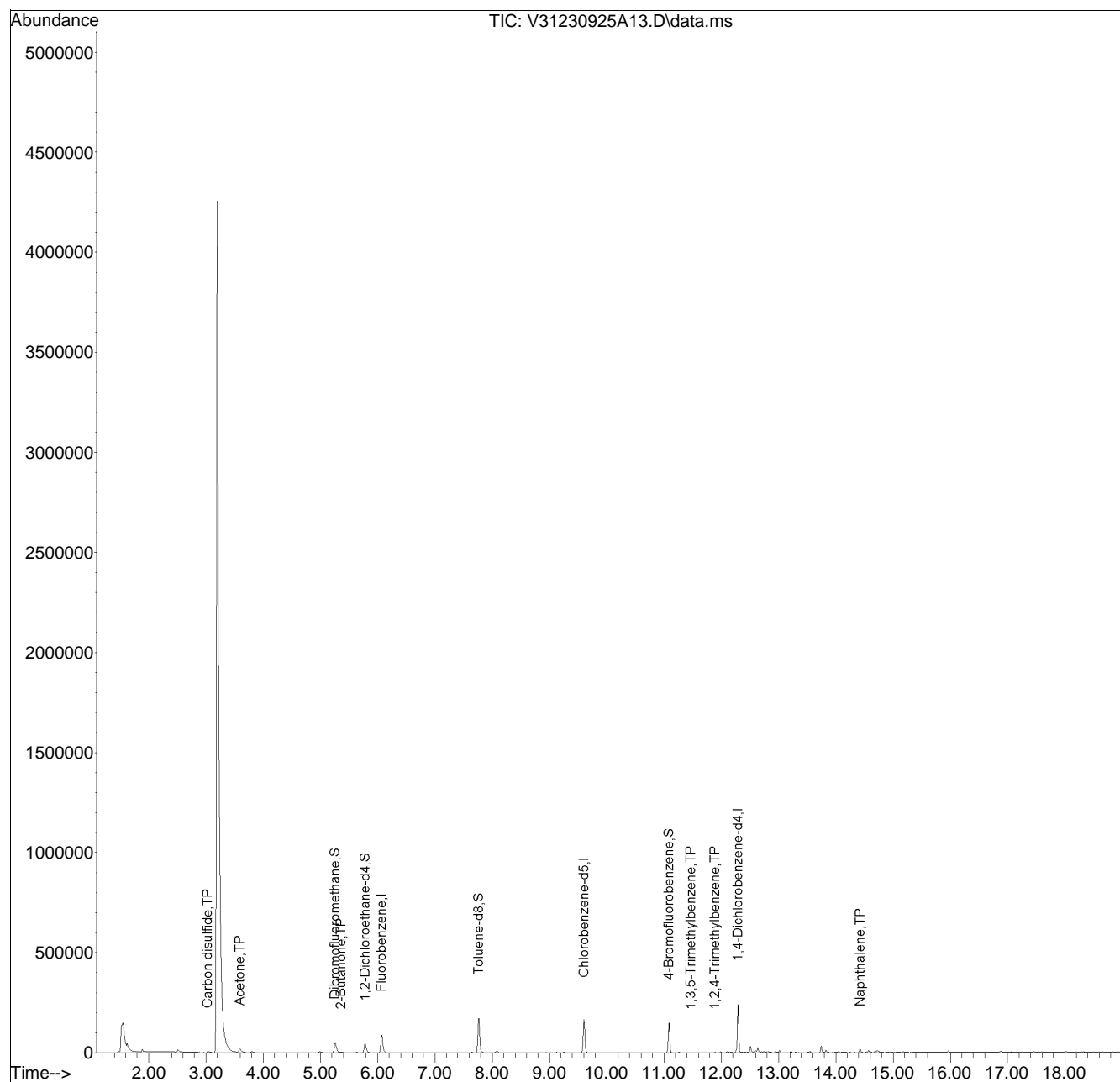


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A13.D
Acq On : 25 Sep 2023 02:54 pm
Operator : VOA131:JIC
Sample : 12353839-02,31,15.40,5,,c
Misc : WG1832677,ICAL20244
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 27 11:28:37 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

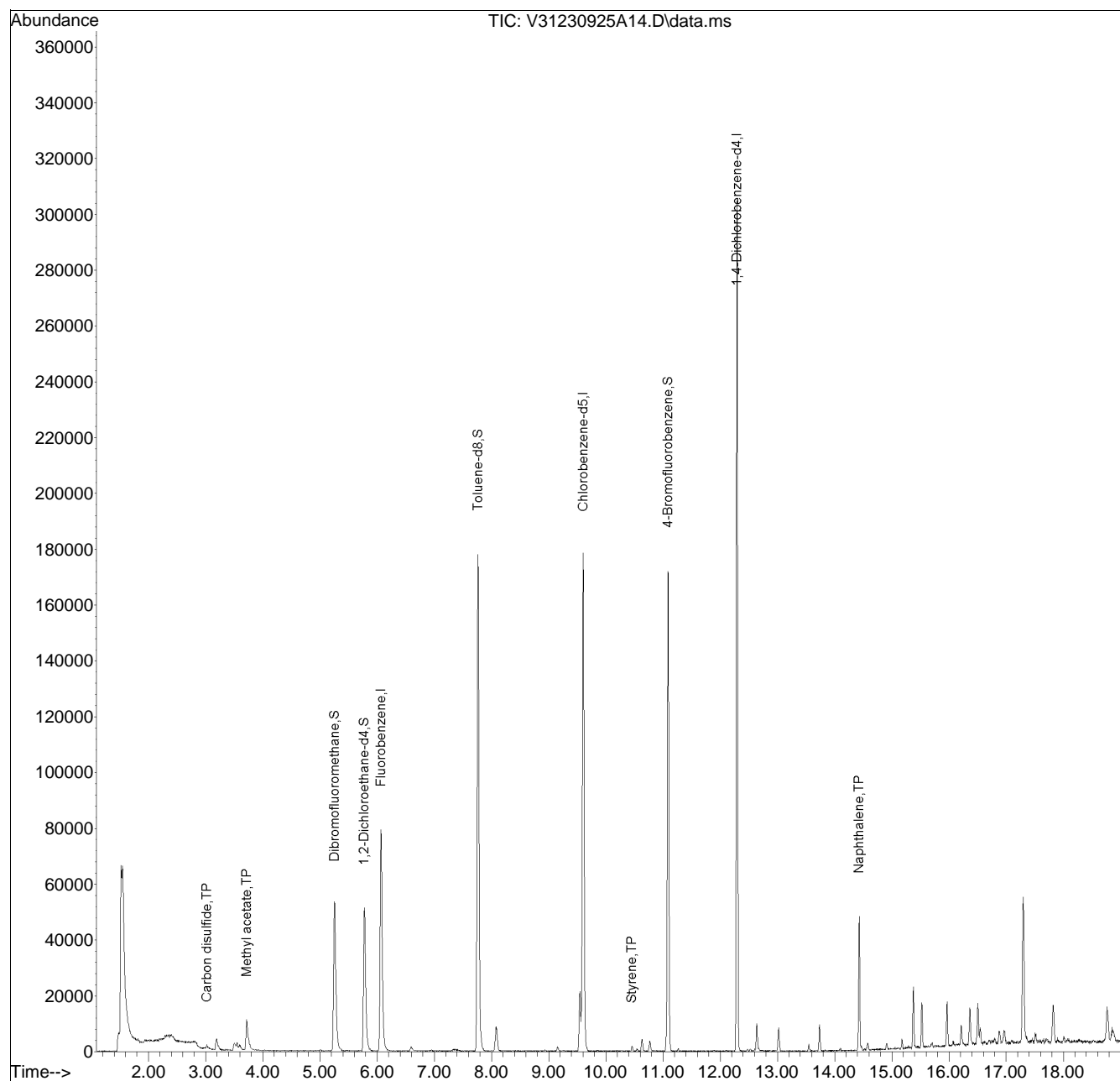


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A14.D
Acq On : 25 Sep 2023 03:18 pm
Operator : VOA131:JIC
Sample : 12353839-03,31h,19.91,15,0.100,,a
Misc : WG1832676,ICAL20244
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 27 11:29:13 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

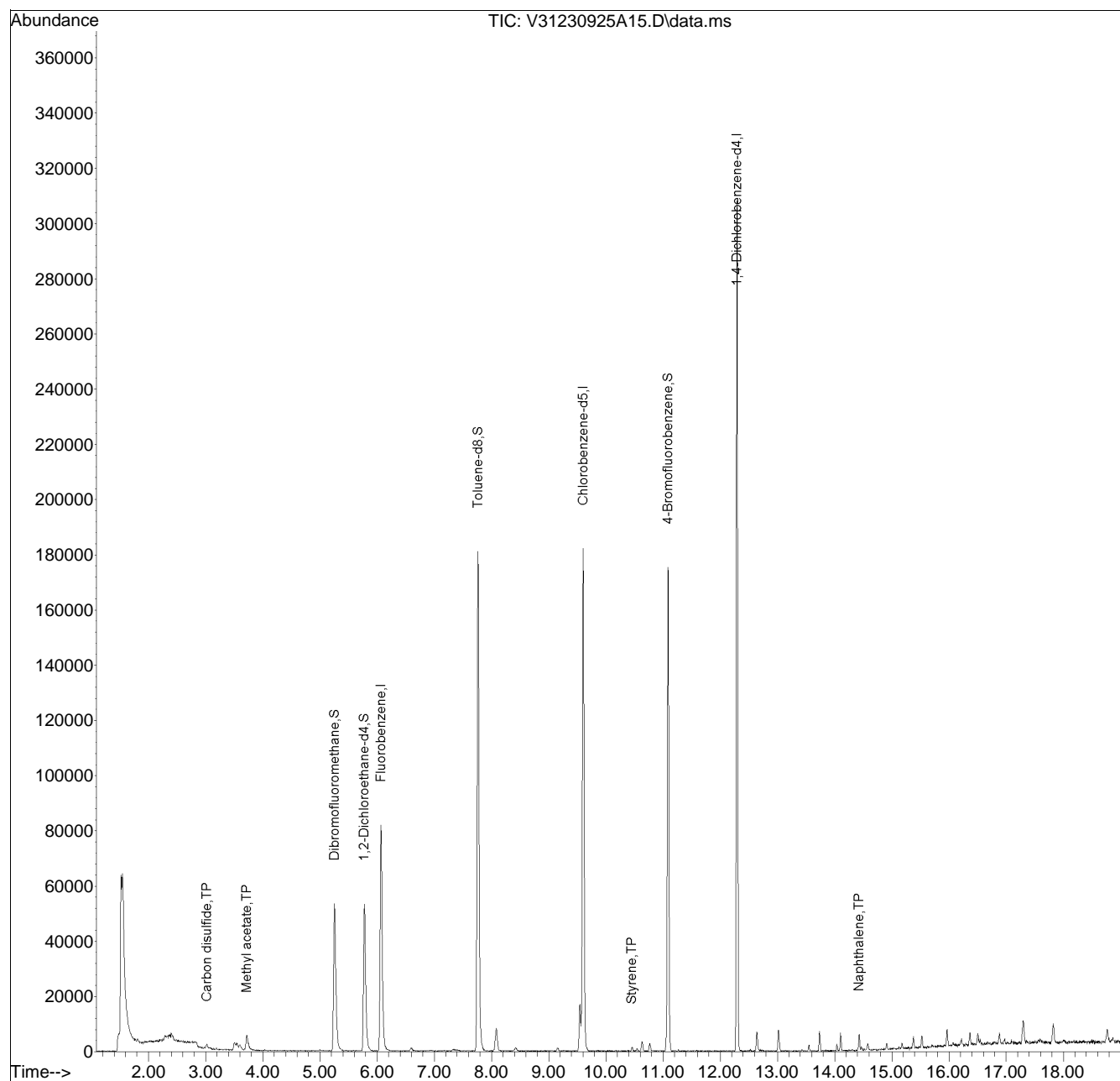


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A15.D
Acq On : 25 Sep 2023 03:41 pm
Operator : VOA131:JIC
Sample : 12353839-04,31h,17.26,15,0.100,,a
Misc : WG1832676,ICAL20244
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 27 11:29:35 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

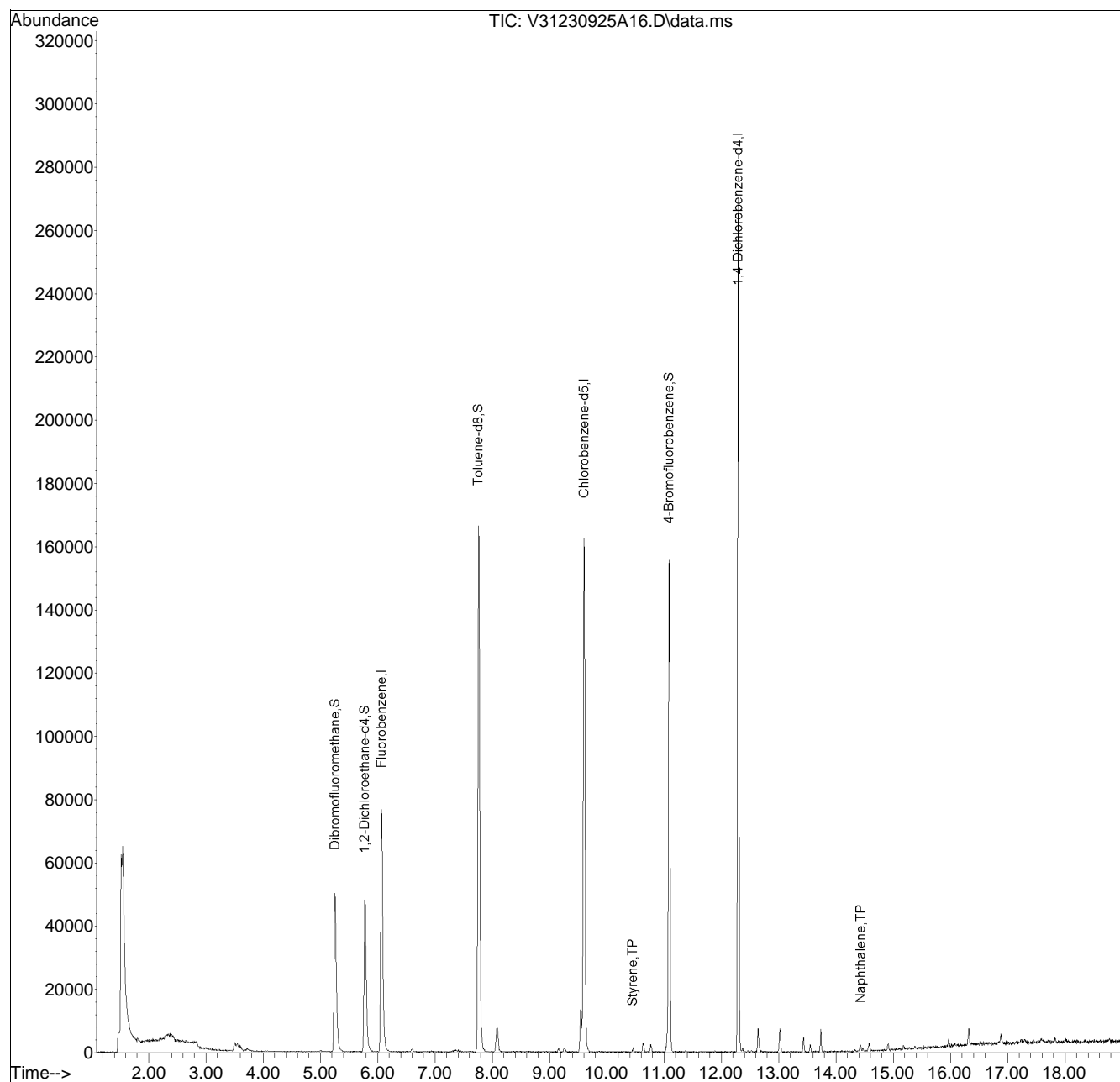


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A16.D
Acq On : 25 Sep 2023 04:05 pm
Operator : VOA131:JIC
Sample : 12353839-05,31h,25.16,15,0.100,,a
Misc : WG1832676,ICAL20244
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 27 11:30:09 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

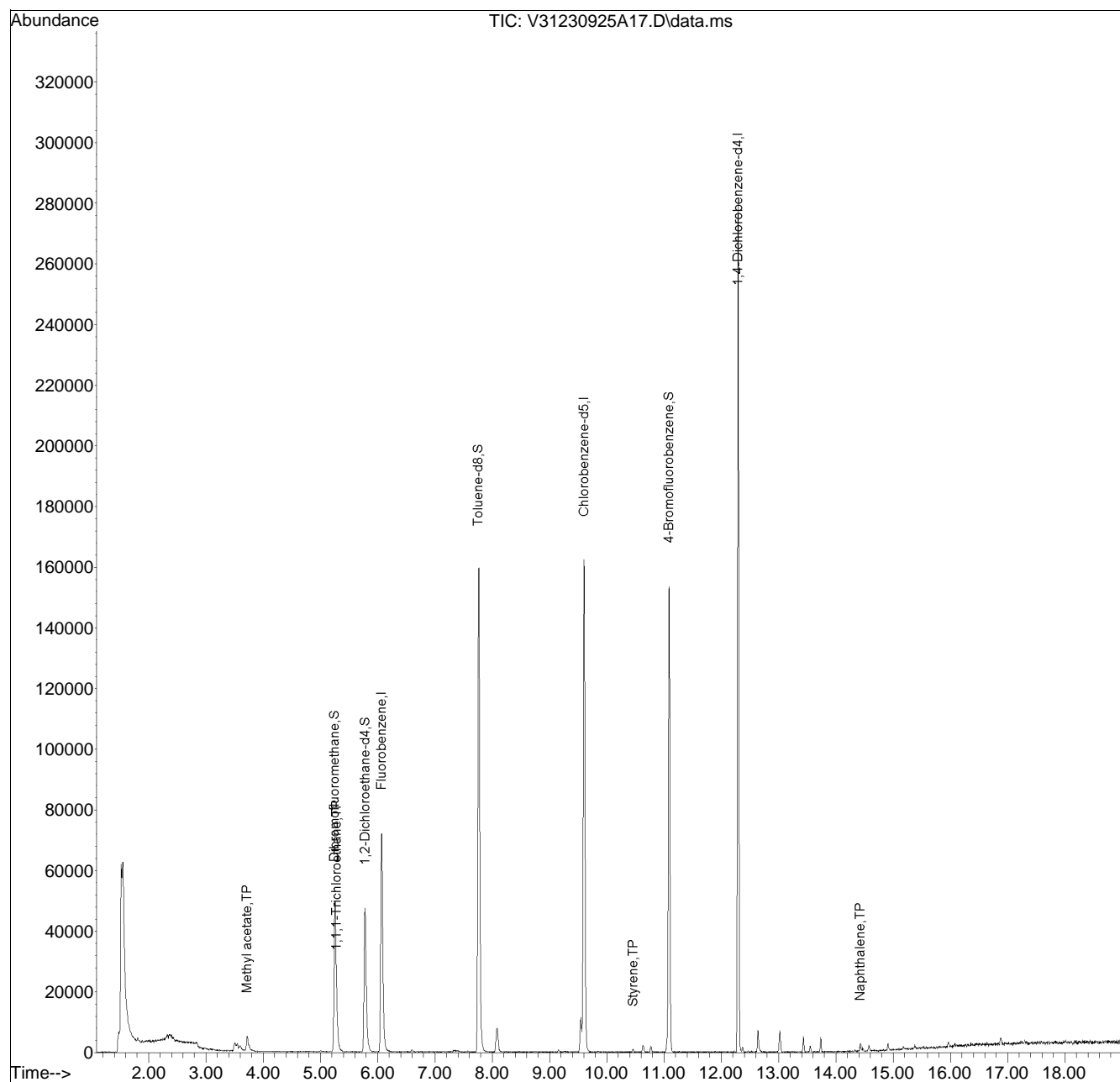


Quantitation Report (QT Reviewed)

Data Path : K:\VOA131\2023\230925A\
Data File : V31230925A17.D
Acq On : 25 Sep 2023 04:28 pm
Operator : VOA131:JIC
Sample : 12353839-06,31h,26.48,15,0.100,,a
Misc : WG1832676,ICAL20244
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 27 11:30:31 2023
Quant Method : K:\VOA131\2023\230925A\V31_230809A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 09 10:54:51 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25A01.D•

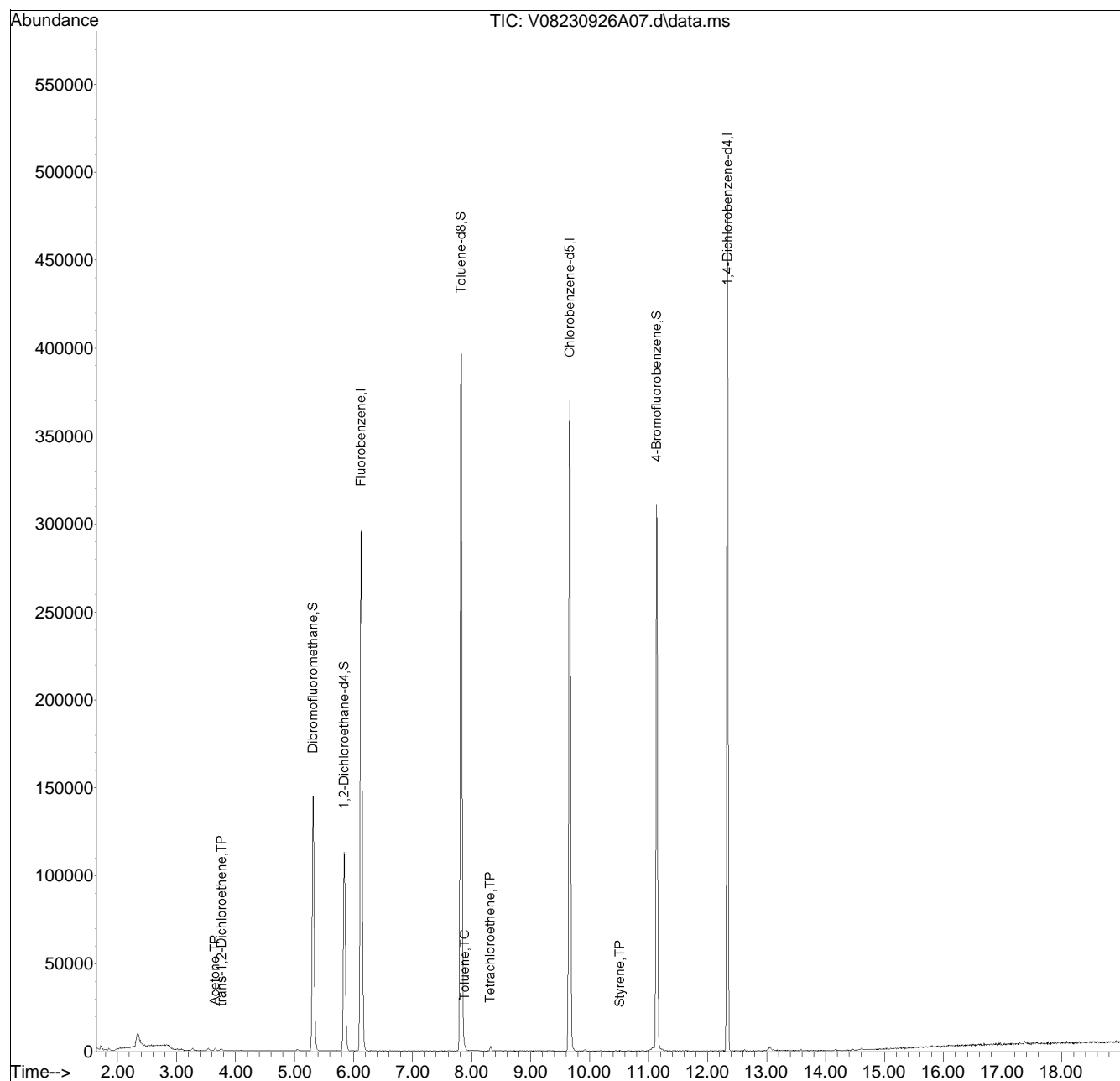


Quantitation Report (QT Reviewed)

Data Path : K:\VOA108\2023\230926A\
Data File : V08230926A07.d
Acq On : 26 Sep 2023 11:26 am
Operator : VOA108:MJV
Sample : L2353839-07,31,10,10,,A
Misc : WG1832403,ICAL20324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 27 04:44:58 2023
Quant Method : K:\VOA108\2023\230926A\V108_230823N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Aug 30 11:46:48 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

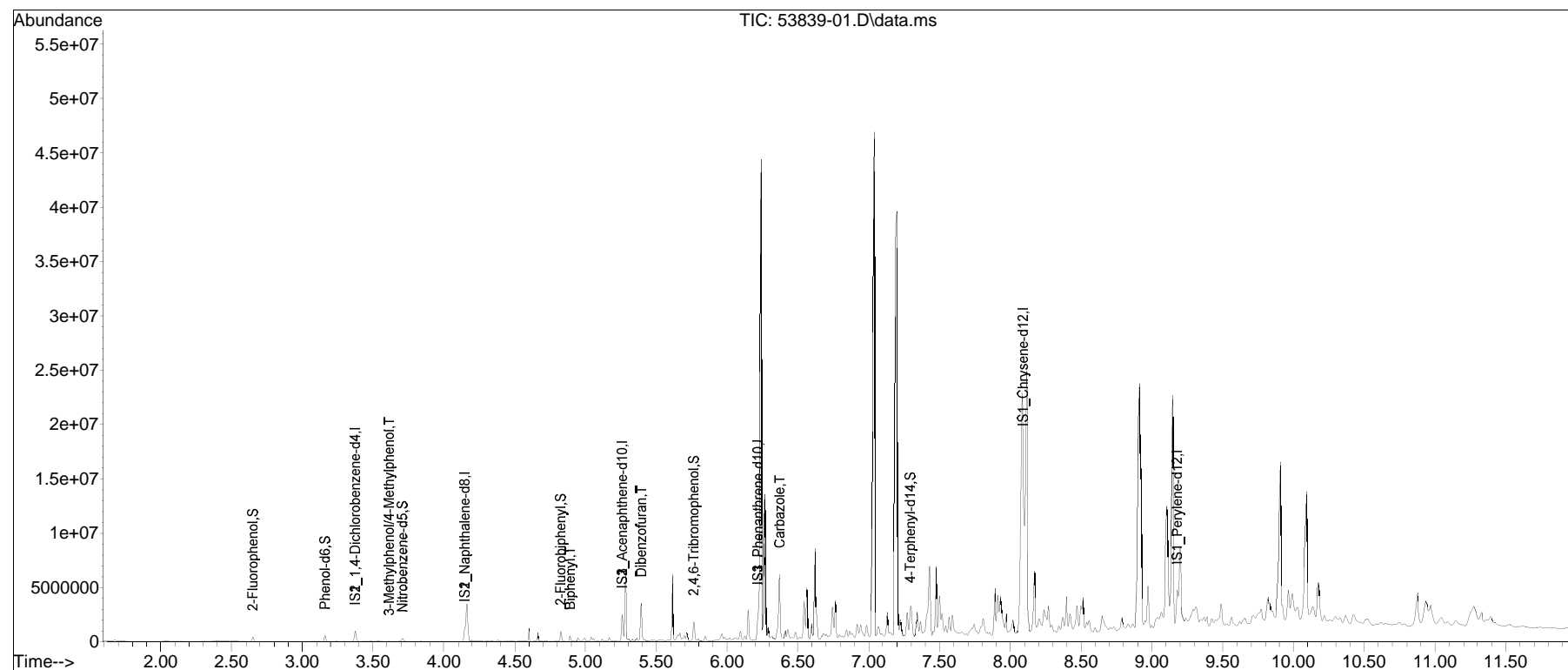


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-01.D
Acq On : 20 Sep 2023 03:59 pm
Operator : SV112:als
Sample : L2353839-01,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 25 14:35:27 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 16:12:54 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

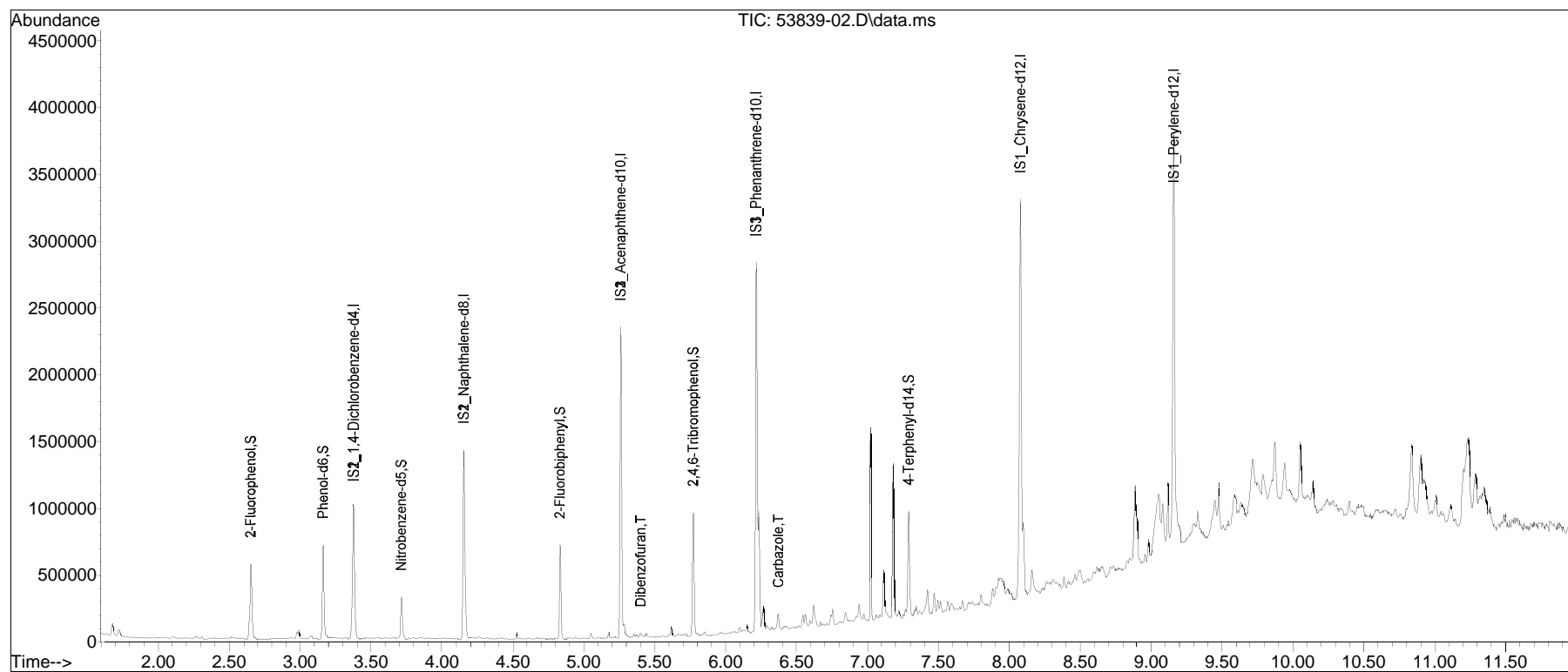


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-02.D
Acq On : 20 Sep 2023 04:16 pm
Operator : SV112:als
Sample : L2353839-02,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 14:36:06 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 16:29:22 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

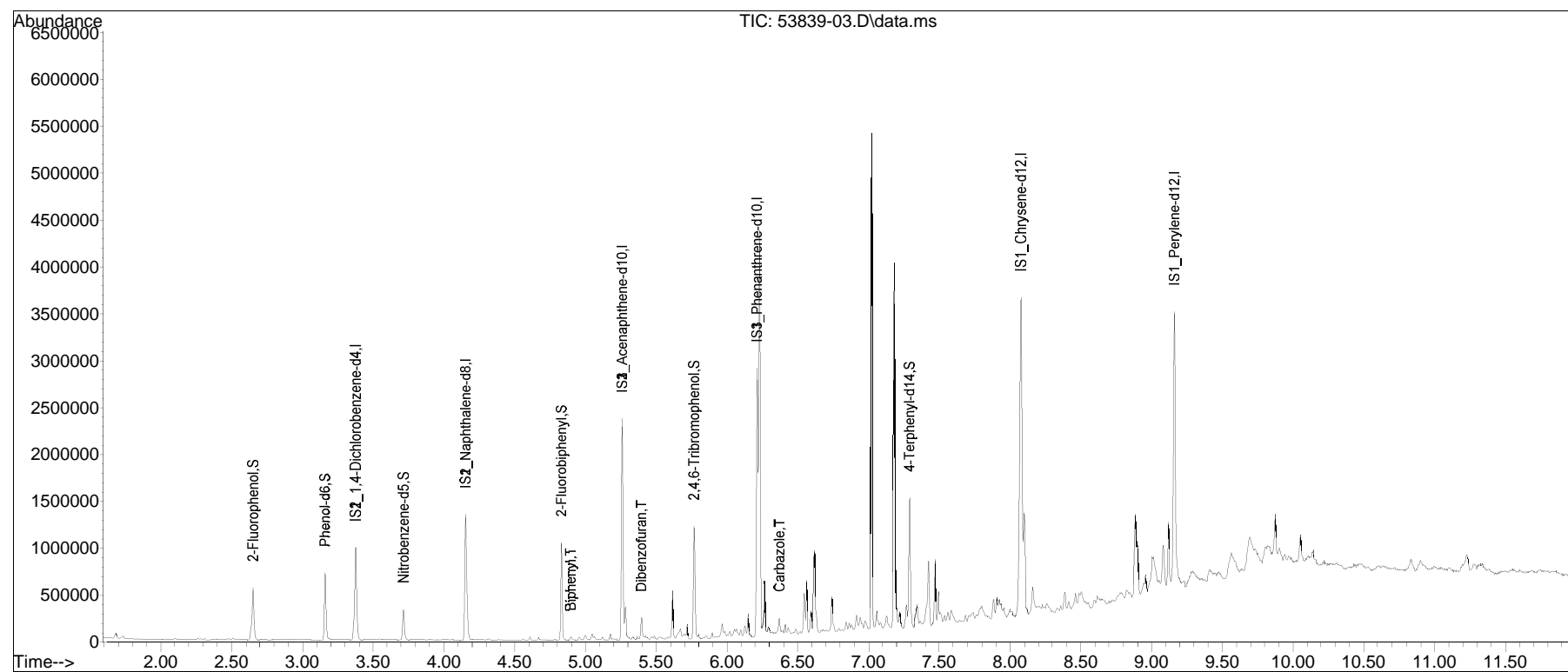


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-03.D
Acq On : 20 Sep 2023 04:32 pm
Operator : SV112:als
Sample : L2353839-03,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Sep 25 14:37:00 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 16:45:22 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

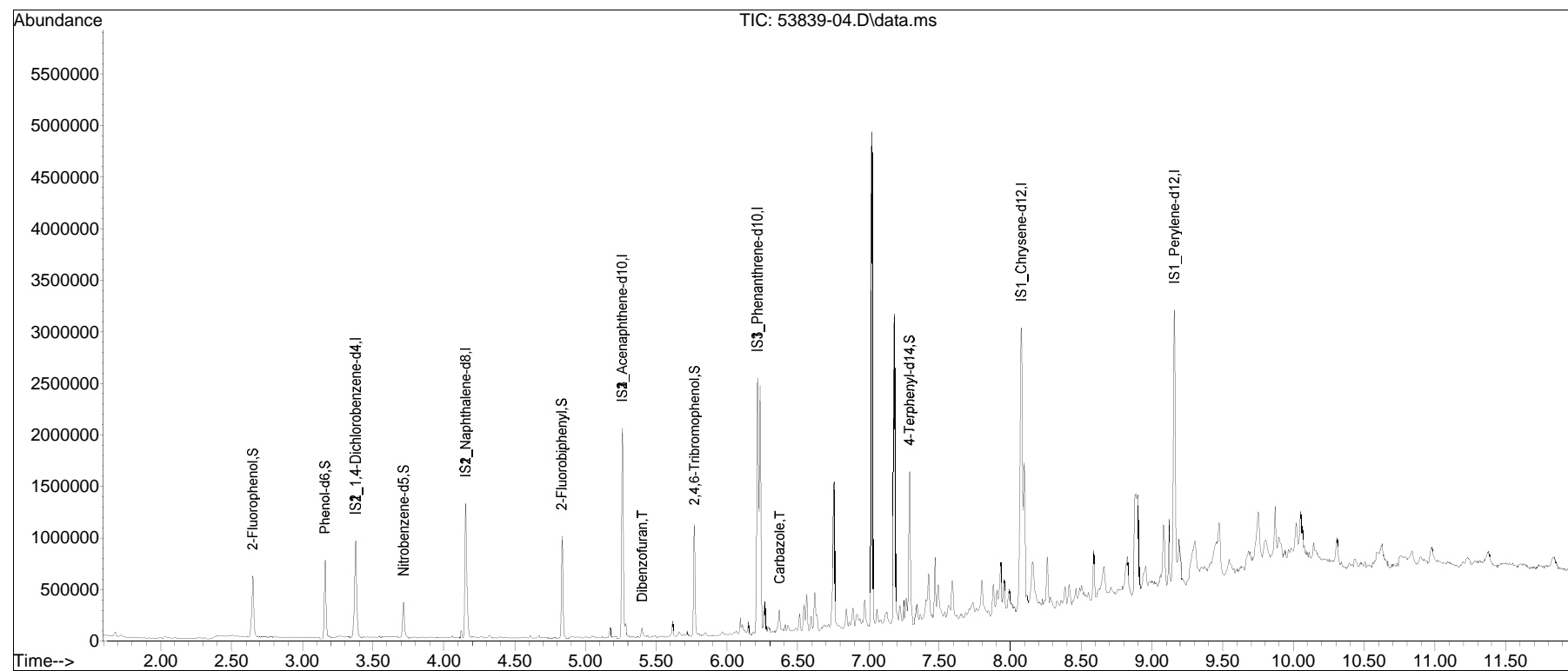


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-04.D
Acq On : 20 Sep 2023 04:49 pm
Operator : SV112:als
Sample : L2353839-04,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Sep 25 14:37:42 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 17:04:46 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

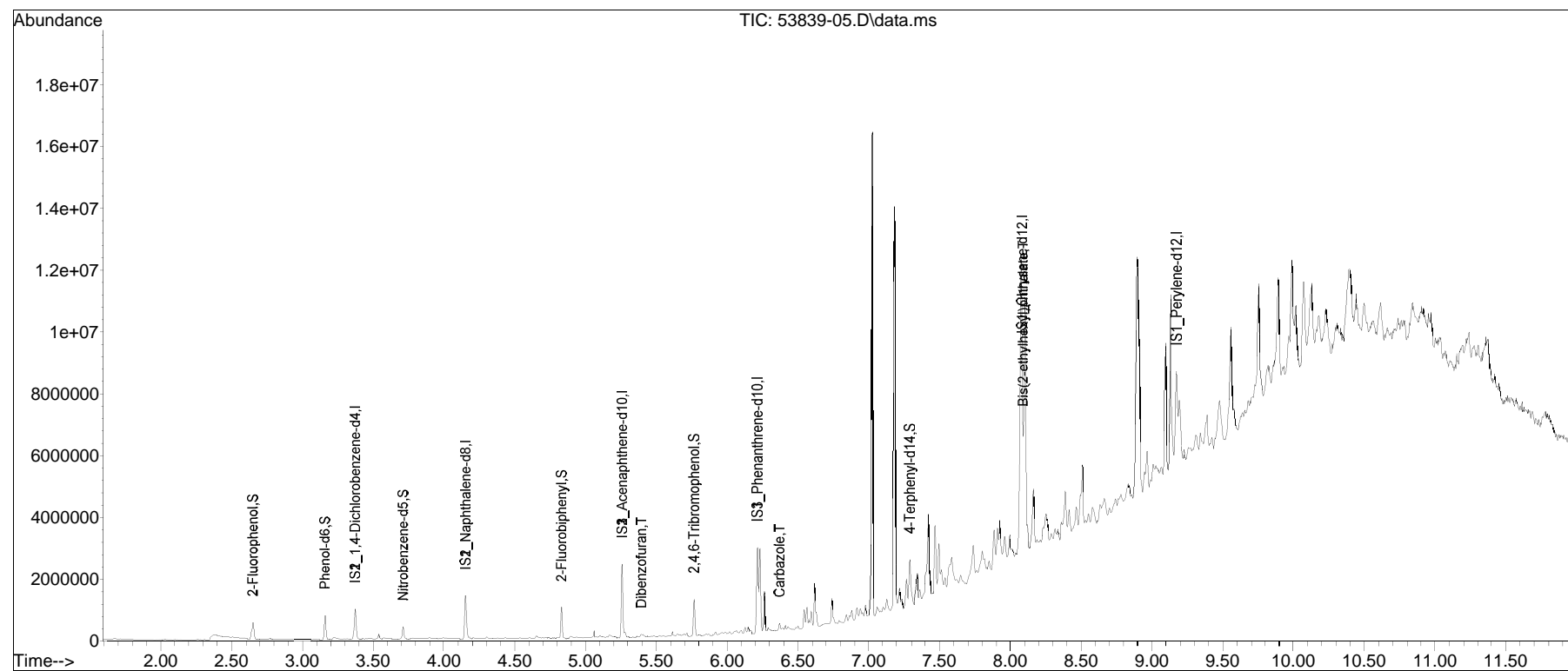


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-05.D
Acq On : 20 Sep 2023 05:05 pm
Operator : SV112:als
Sample : L2353839-05,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 25 14:38:32 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 17:18:45 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

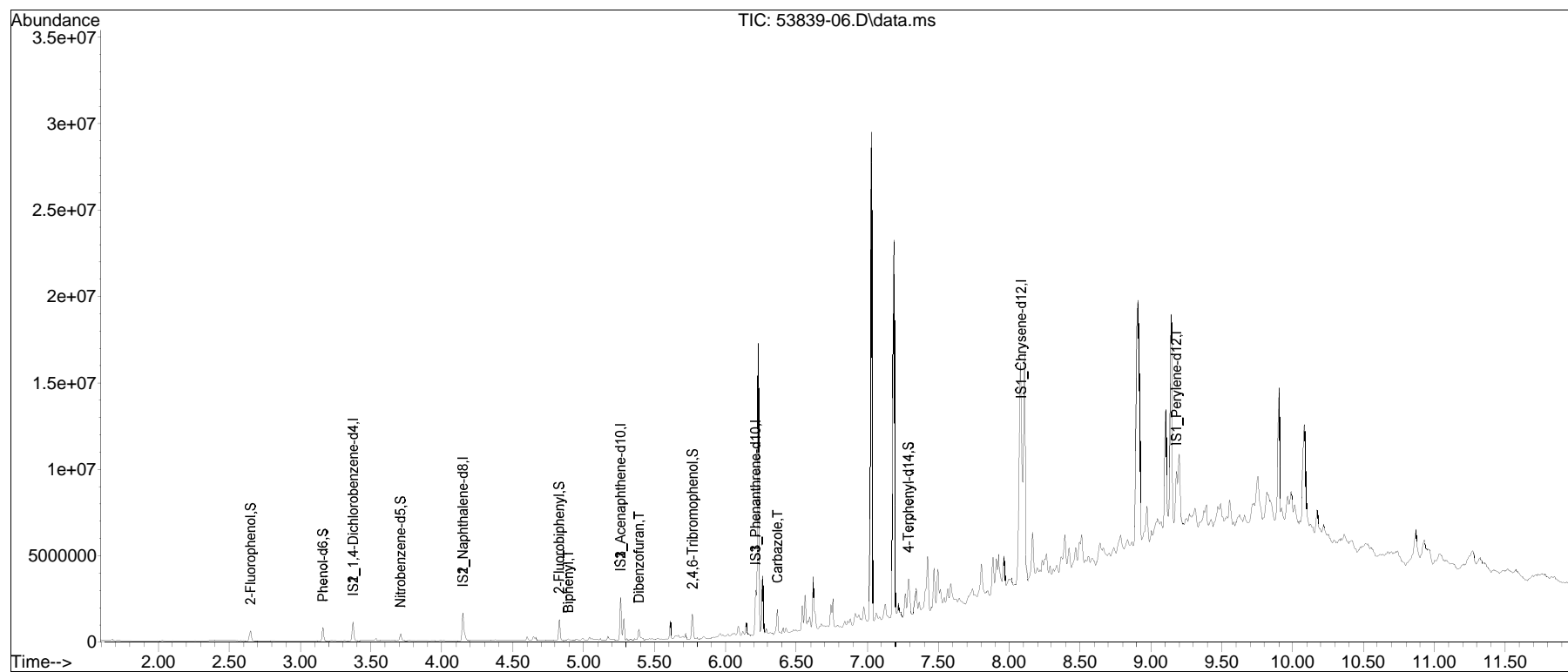


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV112\230920a\
Data File : 53839-06.D
Acq On : 20 Sep 2023 05:22 pm
Operator : SV112:als
Sample : L2353839-06,32,,HNY
Misc : WG1829680,WG1828957,ical20188
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 25 14:39:13 2023
Quant Method : I:\8270\sv112\230920a\FS230713SV112.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 17:35:14 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920.D•

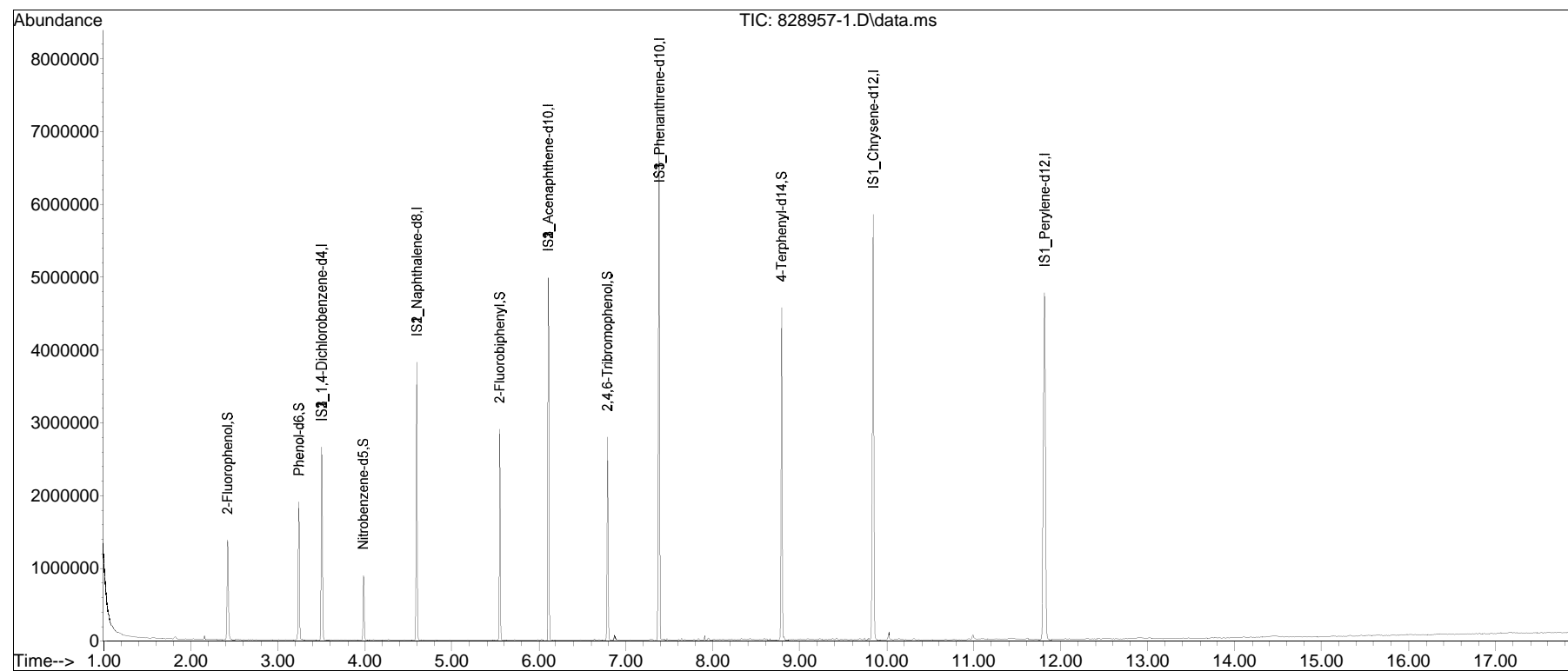


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 828957-1.D
Acq On : 20 Sep 2023 2:54 am
Operator : Buffy:im
Sample : WG1828957-1,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 09:42:03 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 03:12:10 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn\AP90919n.D•

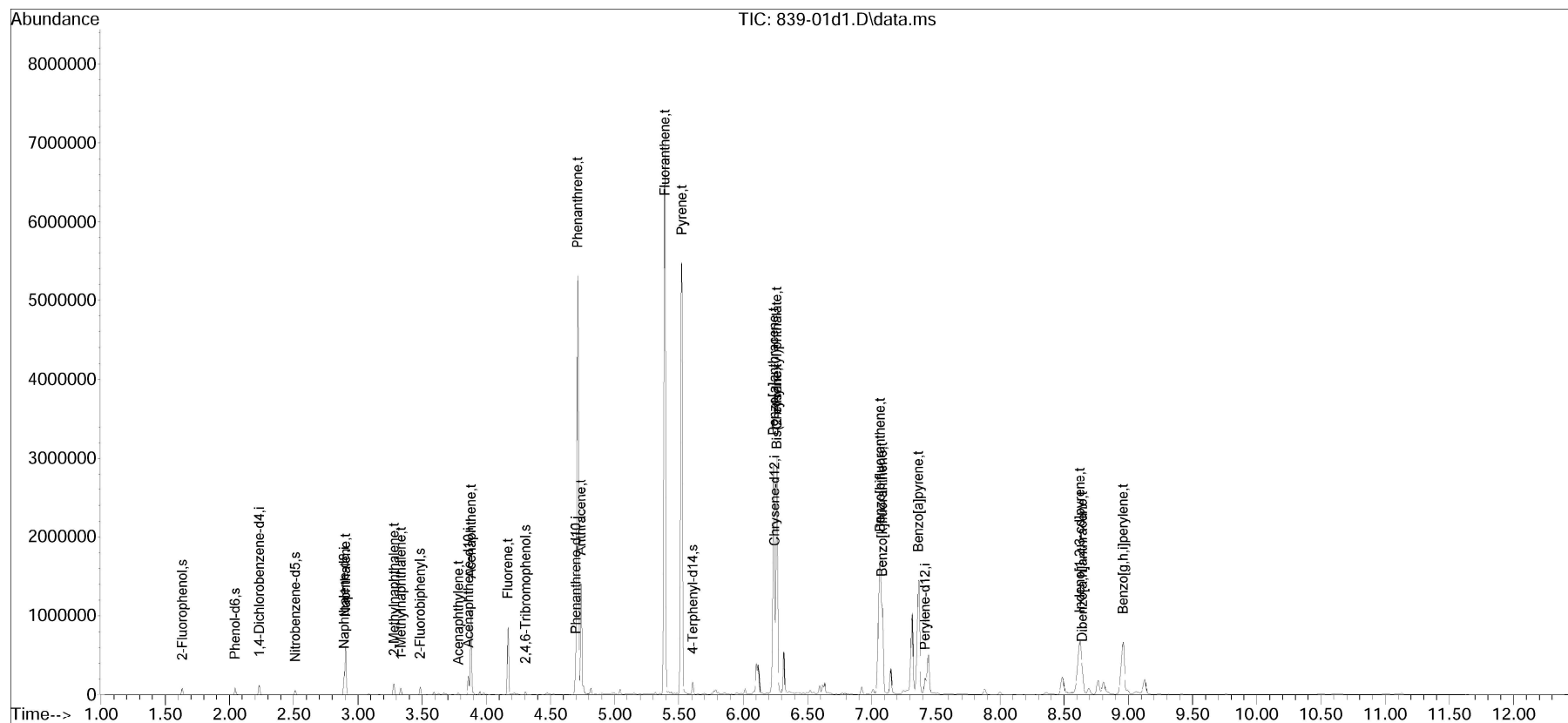


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 839-01d1.D
 Acq On : 26 Sep 2023 06:27 pm
 Operator : SV120:jjw
 Sample : L2353839-01d,32,10,RV,rp
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 27 10:07:06 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

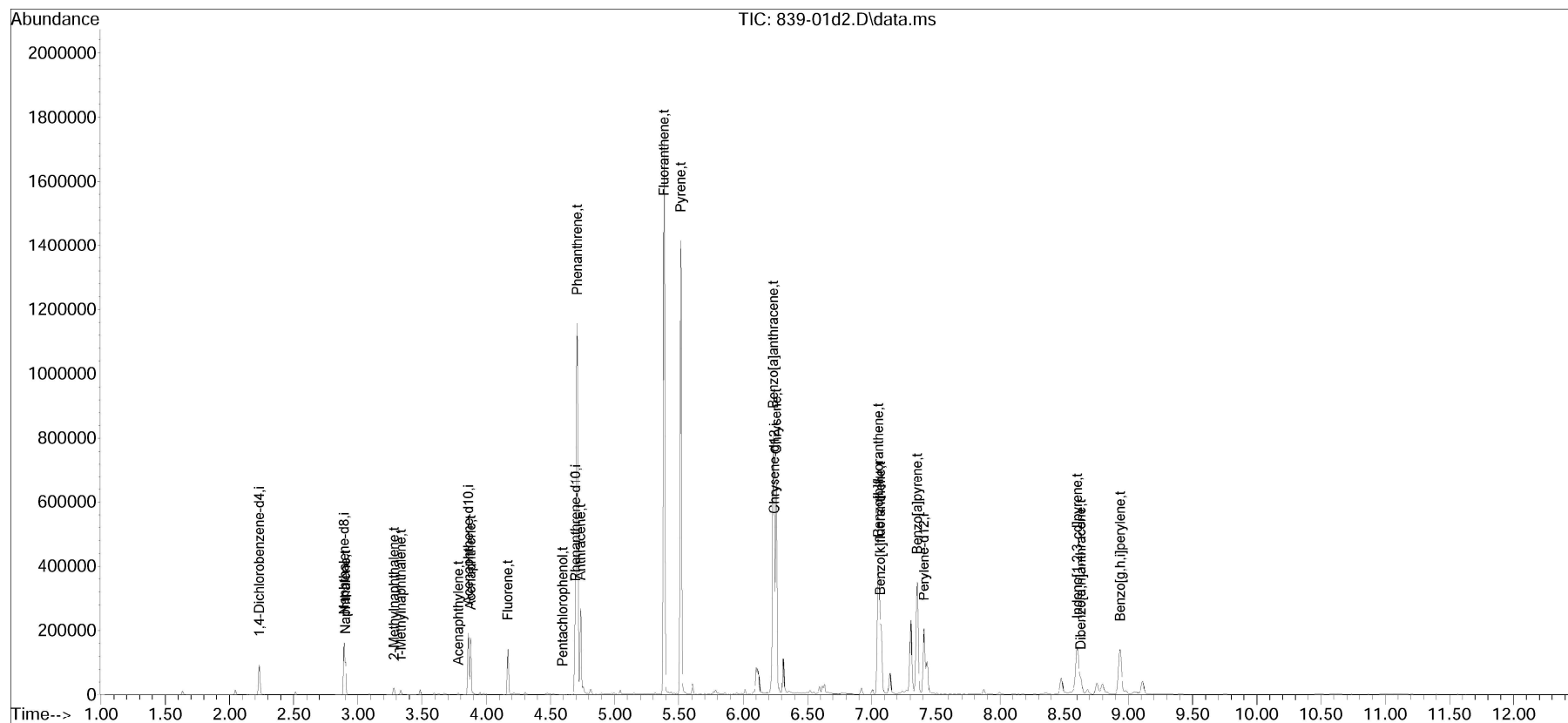


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 839-01d2.D
 Acq On : 26 Sep 2023 06:44 pm
 Operator : SV120:jjw
 Sample : L2353839-01d2,32,50,RV,rp
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 39 Sample Multiplier: 1

Quant Time: Sep 27 10:13:28 2023
 Quant Method : I:\8270SIM\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : Default - All compounds listedccv0926.D•

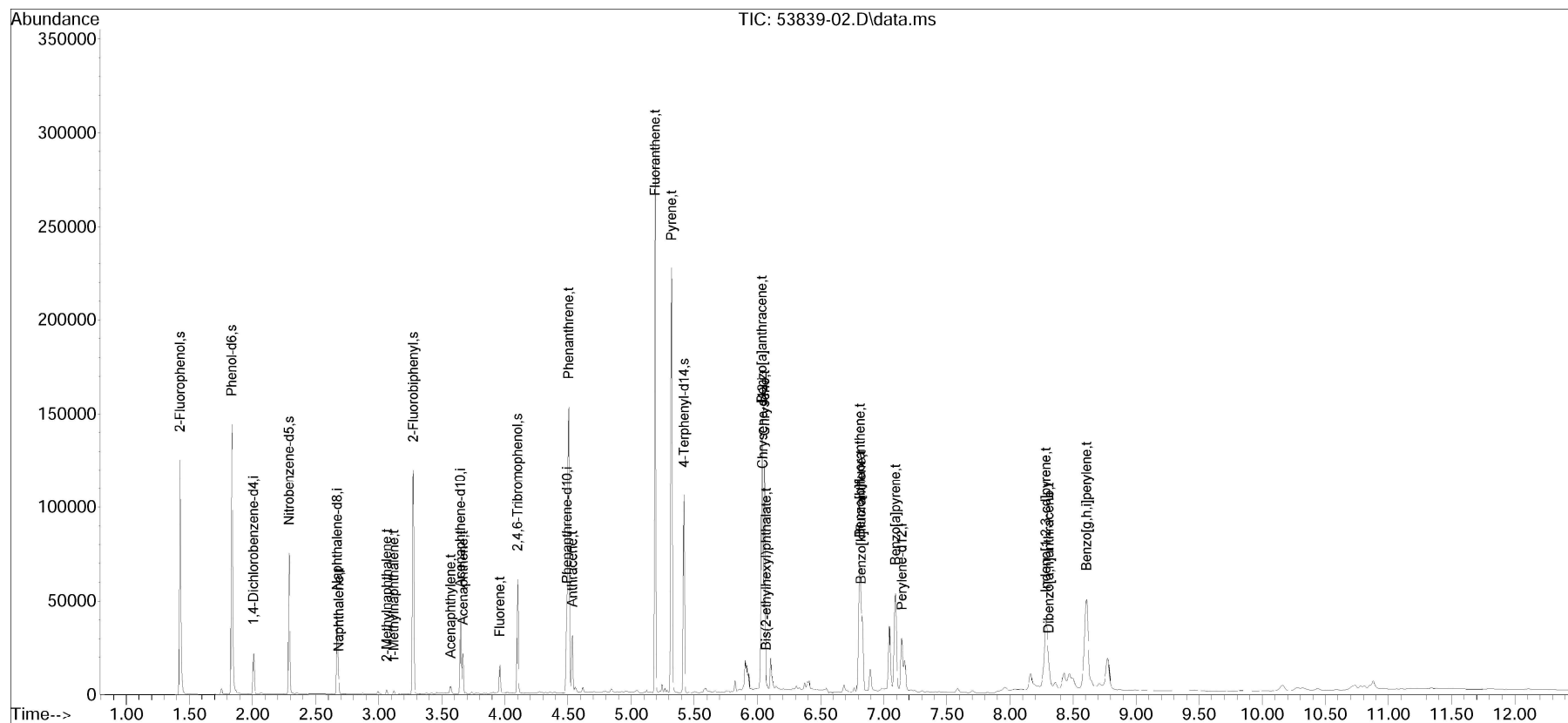


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53839-02.D
 Acq On : 20 Sep 2023 04:03 pm
 Operator : SV115:jjw
 Sample : L2353839-02,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 26 13:04:34 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

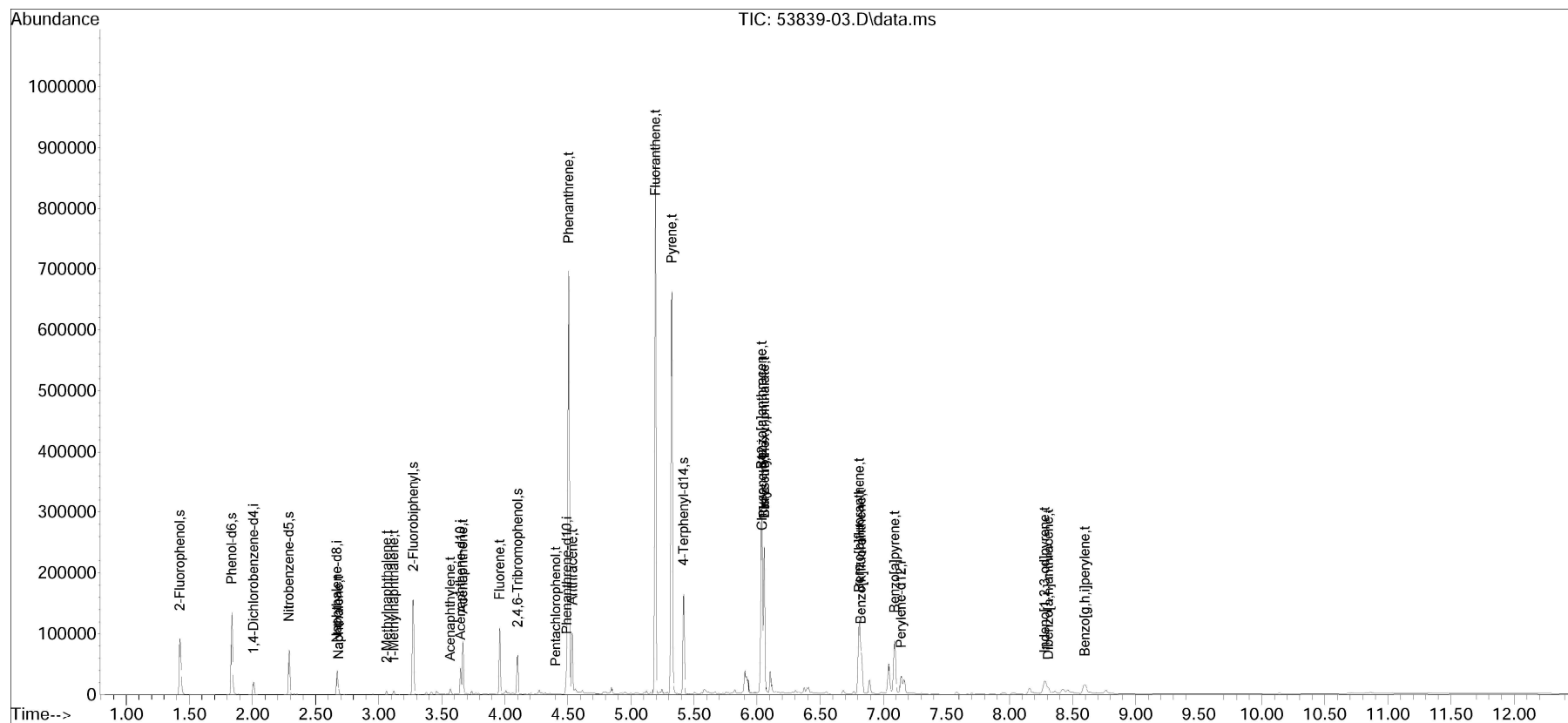


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53839-03.D
 Acq On : 20 Sep 2023 04:19 pm
 Operator : SV115:jjw
 Sample : L2353839-03,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 27 10:38:32 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

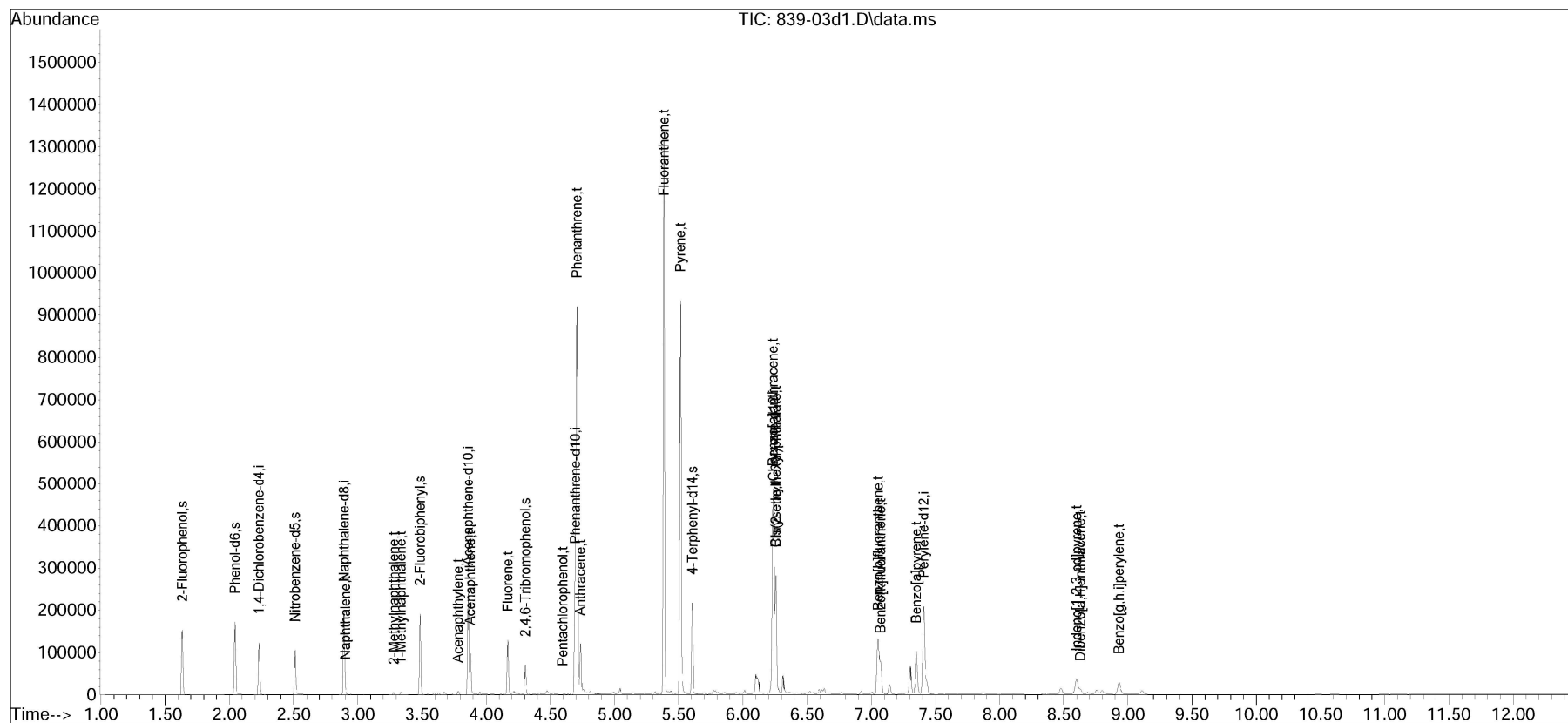


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
 Data File : 839-03d1.D
 Acq On : 26 Sep 2023 05:54 pm
 Operator : SV120:jjw
 Sample : L2353839-03d,32,5,RV,rp
 Misc : WG1831970,WG1828959,ical19770
 ALS Vial : 36 Sample Multiplier: 1

Quant Time: Sep 27 10:17:16 2023
 Quant Method : I:\8270sim\sv120\230926ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Tue Sep 26 07:43:21 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0926.D•

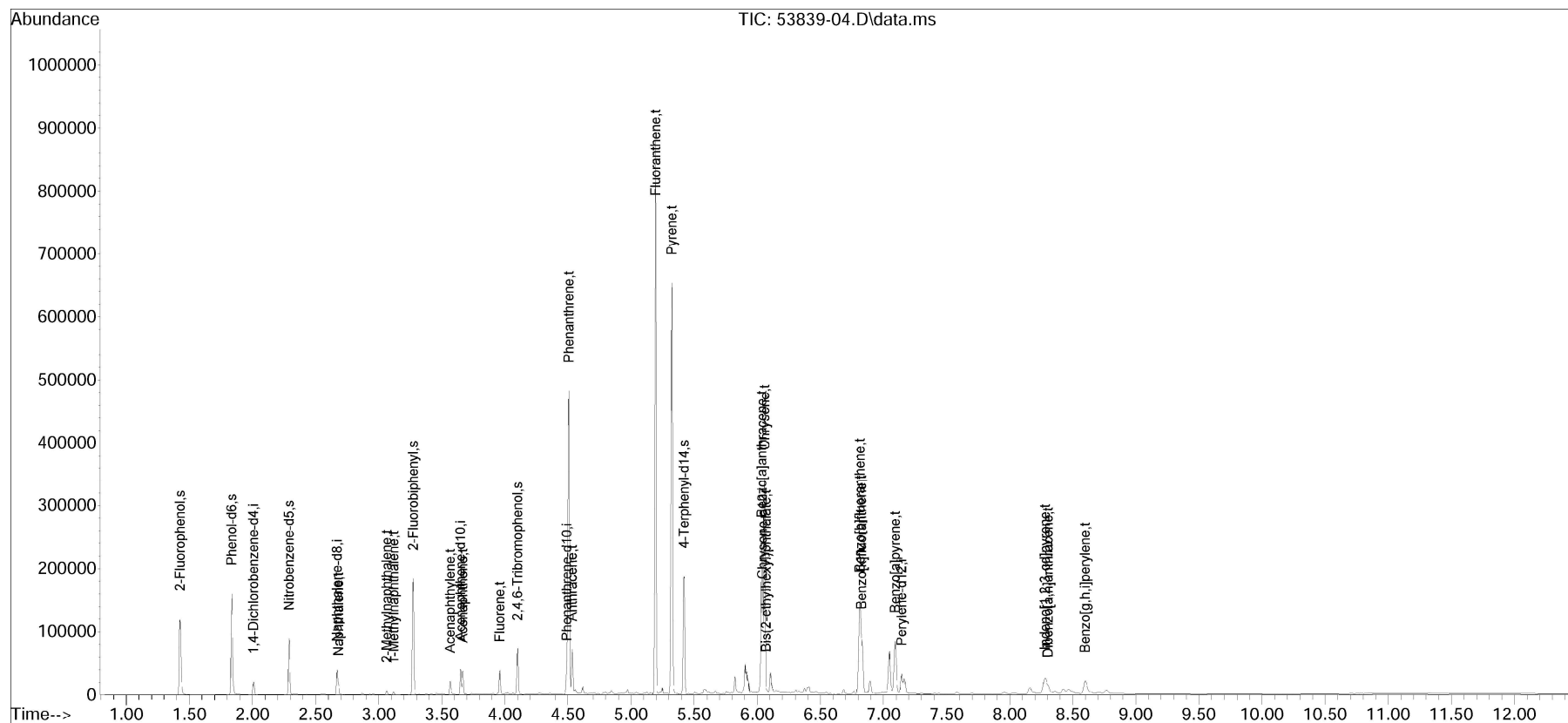


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53839-04.D
 Acq On : 20 Sep 2023 04:35 pm
 Operator : SV115:jjw
 Sample : L2353839-04,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 26 13:18:27 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

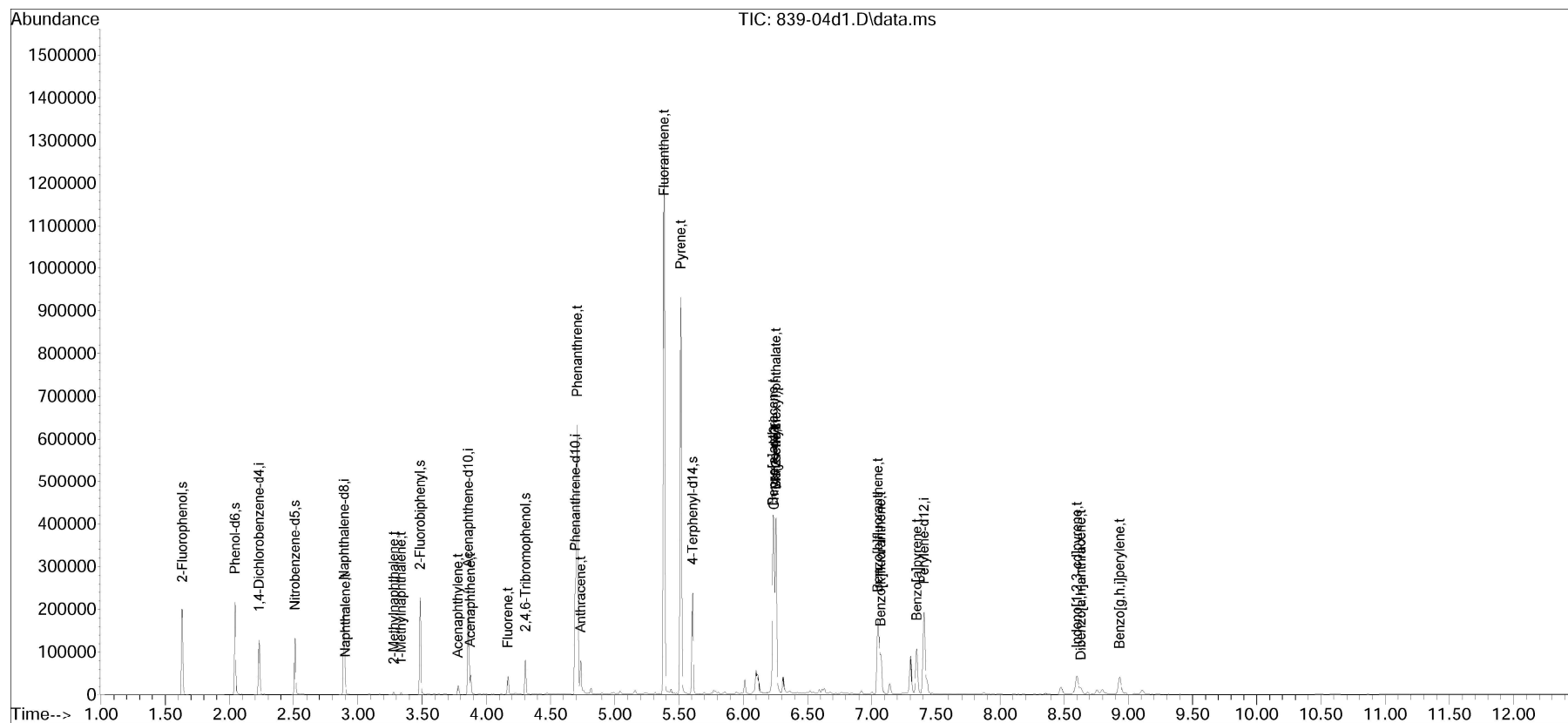


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230926ST\
Data File : 839-04d1.D
Acq On : 26 Sep 2023 06:10 pm
Operator : SV120:jjw
Sample : L2353839-04d, 32, 5, RV, rp
Misc : WG1831970, WG1828959, ical19770
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Sep 27 10:23:36 2023
Quant Method : I:\8270SIM\sv120\230926ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Sep 26 07:43:21 2023
Response via : Initial Calibration

Sub List : Default - All compounds listedccv0926.D•

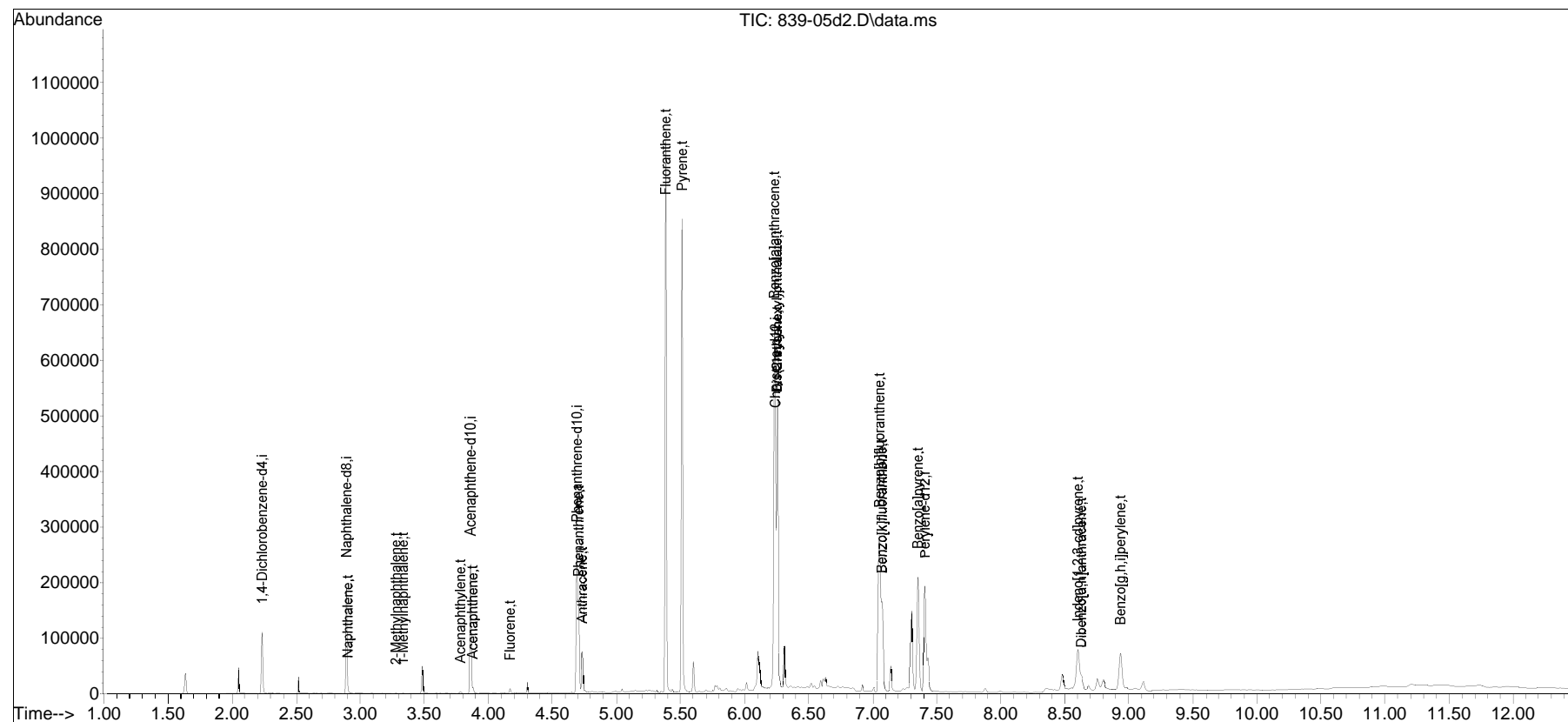


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230927ST\
 Data File : 839-05d2.D
 Acq On : 27 Sep 2023 02:57 pm
 Operator : SV120:dv
 Sample : L2353839-05d,32,20,RV,ah
 Misc : WG1832710,wg1828959,ical19770
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 27 16:14:55 2023
 Quant Method : I:\8270sim\sv120\230927ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 27 07:46:11 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0927.D•

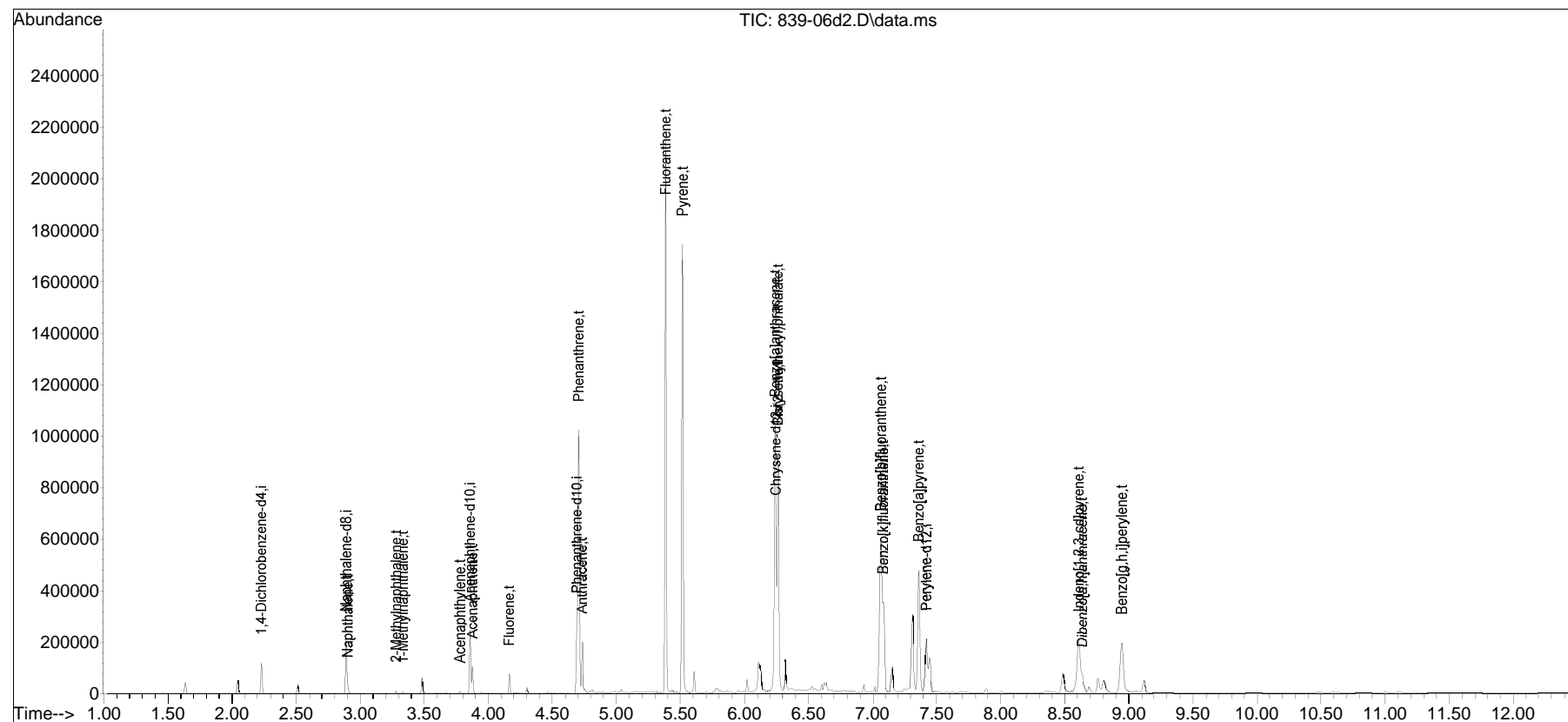


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230927ST\
 Data File : 839-06d2.D
 Acq On : 27 Sep 2023 01:50 pm
 Operator : SV120:dv
 Sample : L2353839-06d,32,20,RV,ah
 Misc : WG1832710,WG1828959,ical19770
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 14:10:01 2023
 Quant Method : I:\8270sim\sv120\230927ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 27 07:46:11 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0927.D•

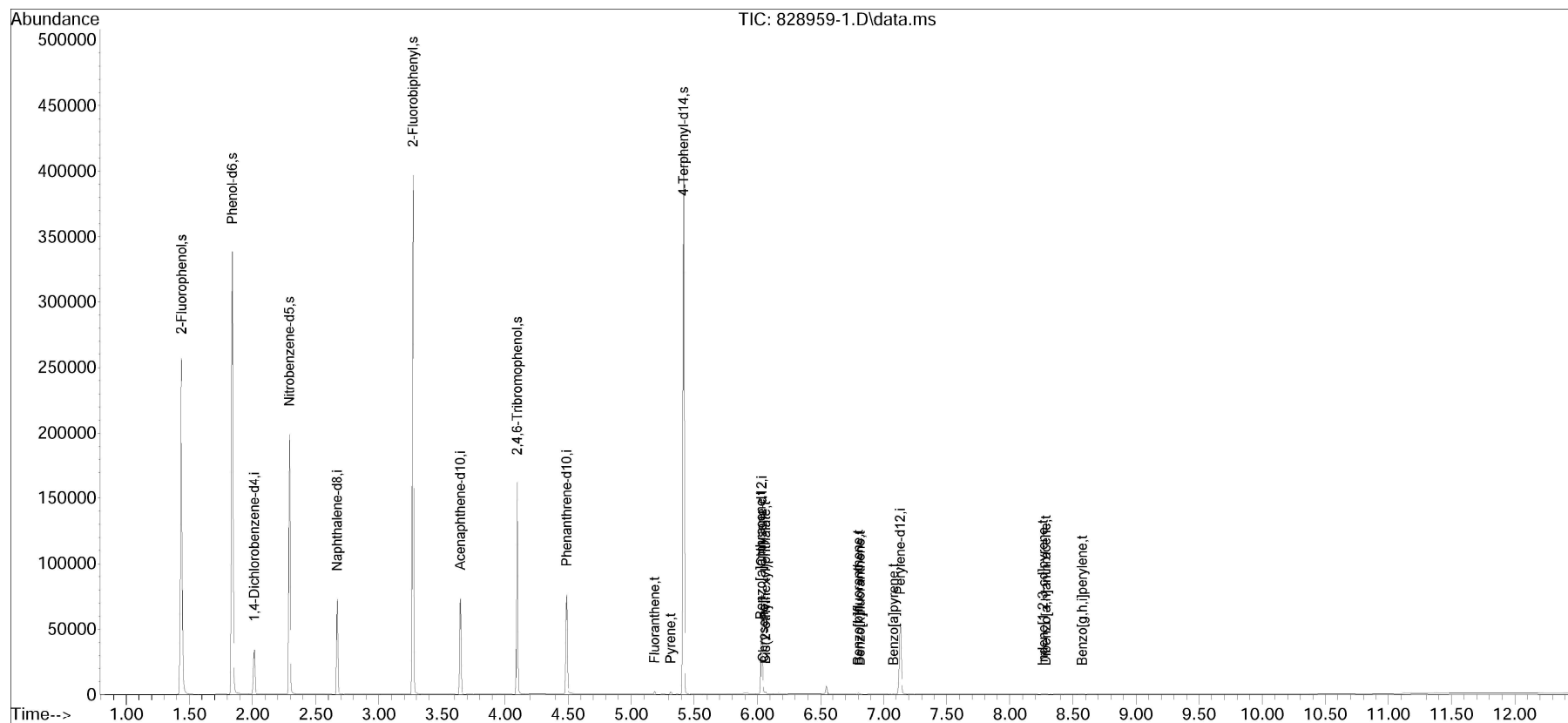


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
Data File : 828959-1.D
Acq On : 20 Sep 2023 01:03 pm
Operator : SV115:dv
Sample : WG1828959-1,32,,ah
Misc : WG1829641,WG1828959,ical19706
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 13:29:09 2023
Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 08:30:35 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

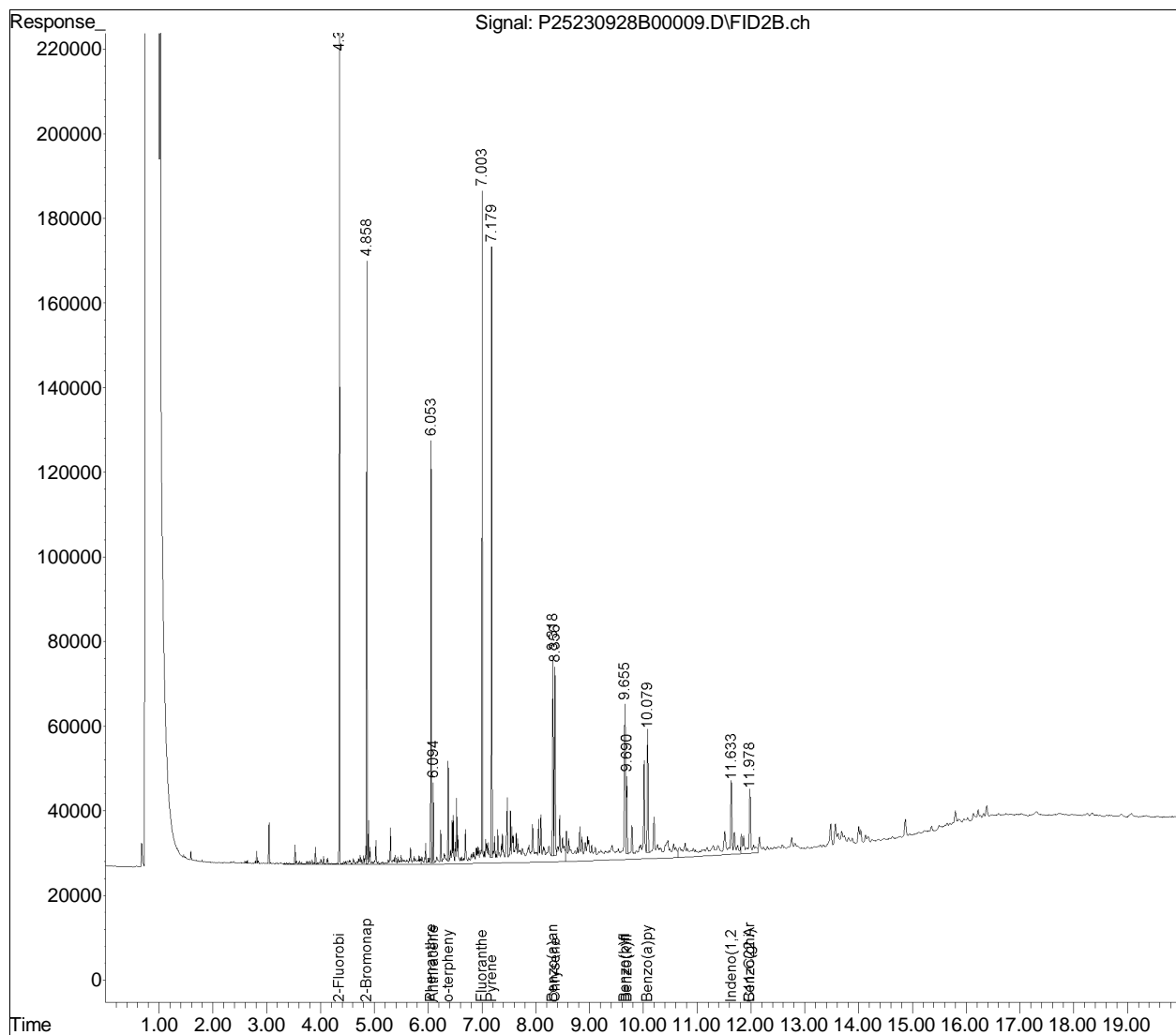


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230928.sec\
 Data File : P25230928B00009.D
 Signal(s) : FID2B.ch
 Acq On : 28-Sep-2023, 18:16:13
 Operator : Petro25b:sc
 Sample : L2353839-06d,42,10,10xprf
 Misc : WG1833047,WG1828966,ical20167
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 08:56:29 2023
 Quant Method : I:\PETRO\Petro25\2023\230928.sec\P25MAARO230711.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 27 14:11:55 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

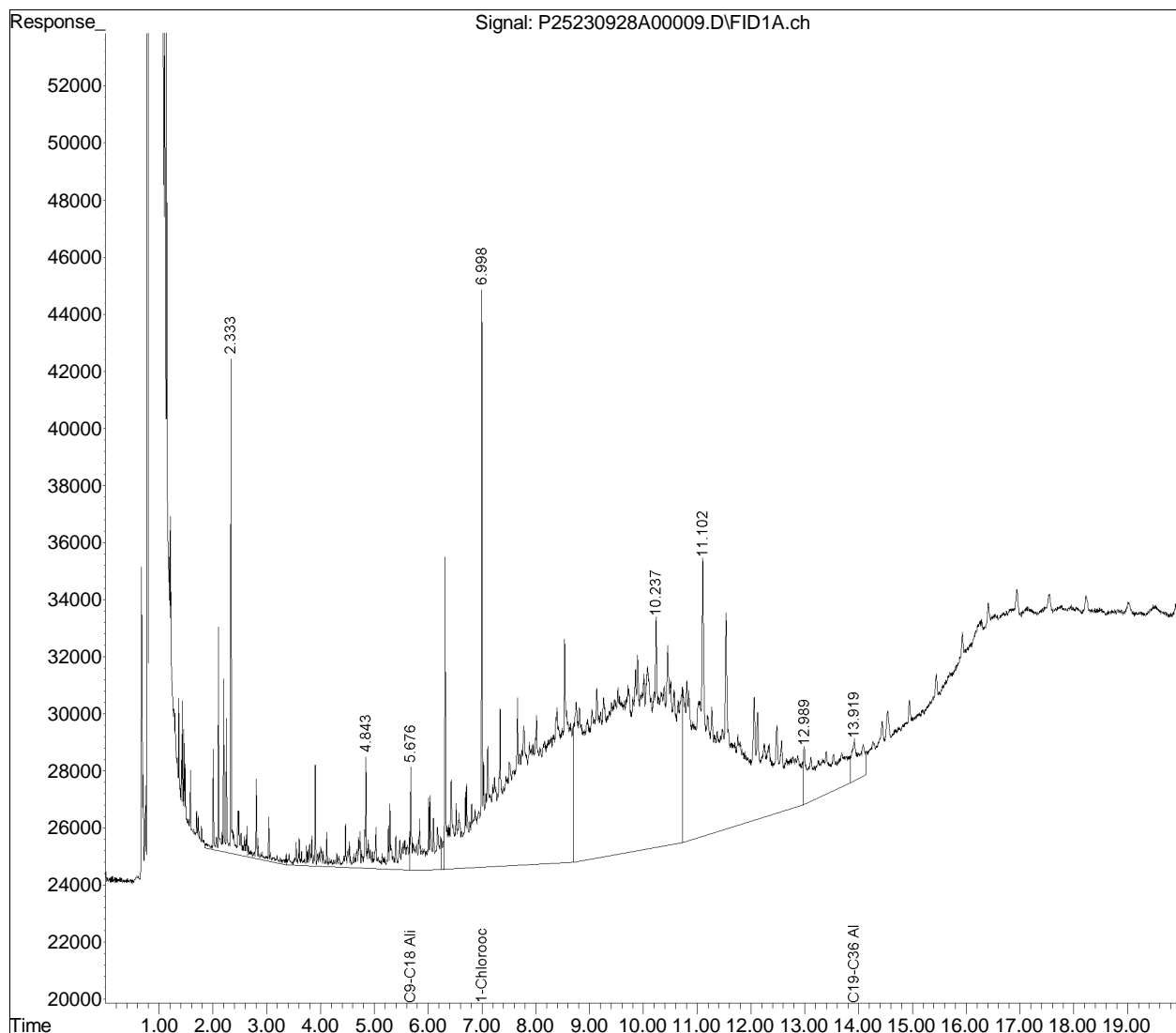


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230928\
Data File : P25230928A00009.D
Signal(s) : FID1A.ch
Acq On : 28-Sep-2023, 18:16:13
Operator : Petro25a:sc
Sample : L2353839-06d,42,10,10xprf
Misc : WG1833047,WG1828966,ical20166
ALS Vial : 9 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 29 08:47:58 2023
Quant Method : I:\PETRO\Petro25\2023\230928\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

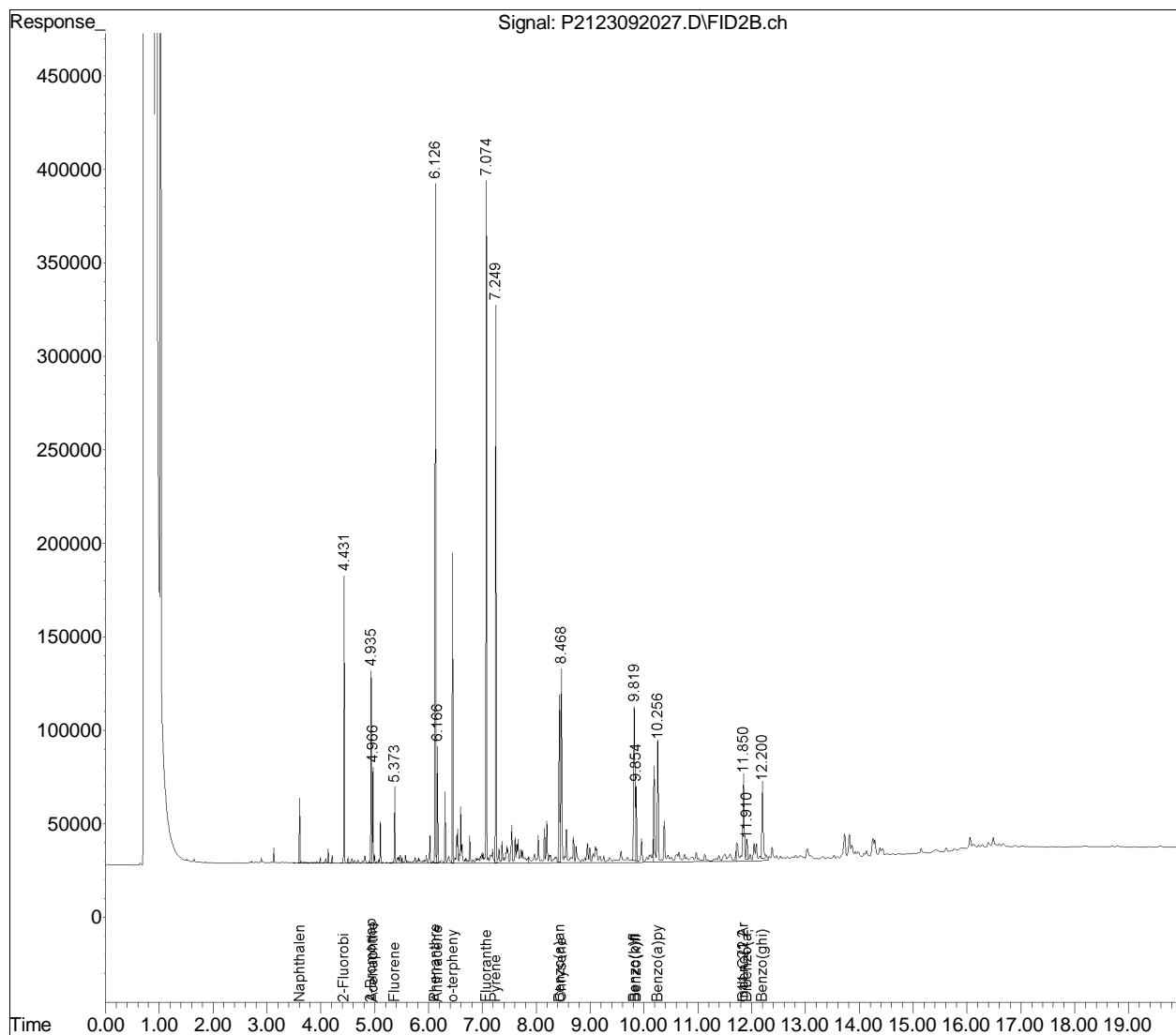


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092027.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 3:18 pm
 Operator : Petro21b:SC
 Sample : L2353839-02,42,,
 Misc : WG1829563,WG1828966,ical18504
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 28 11:13:06 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

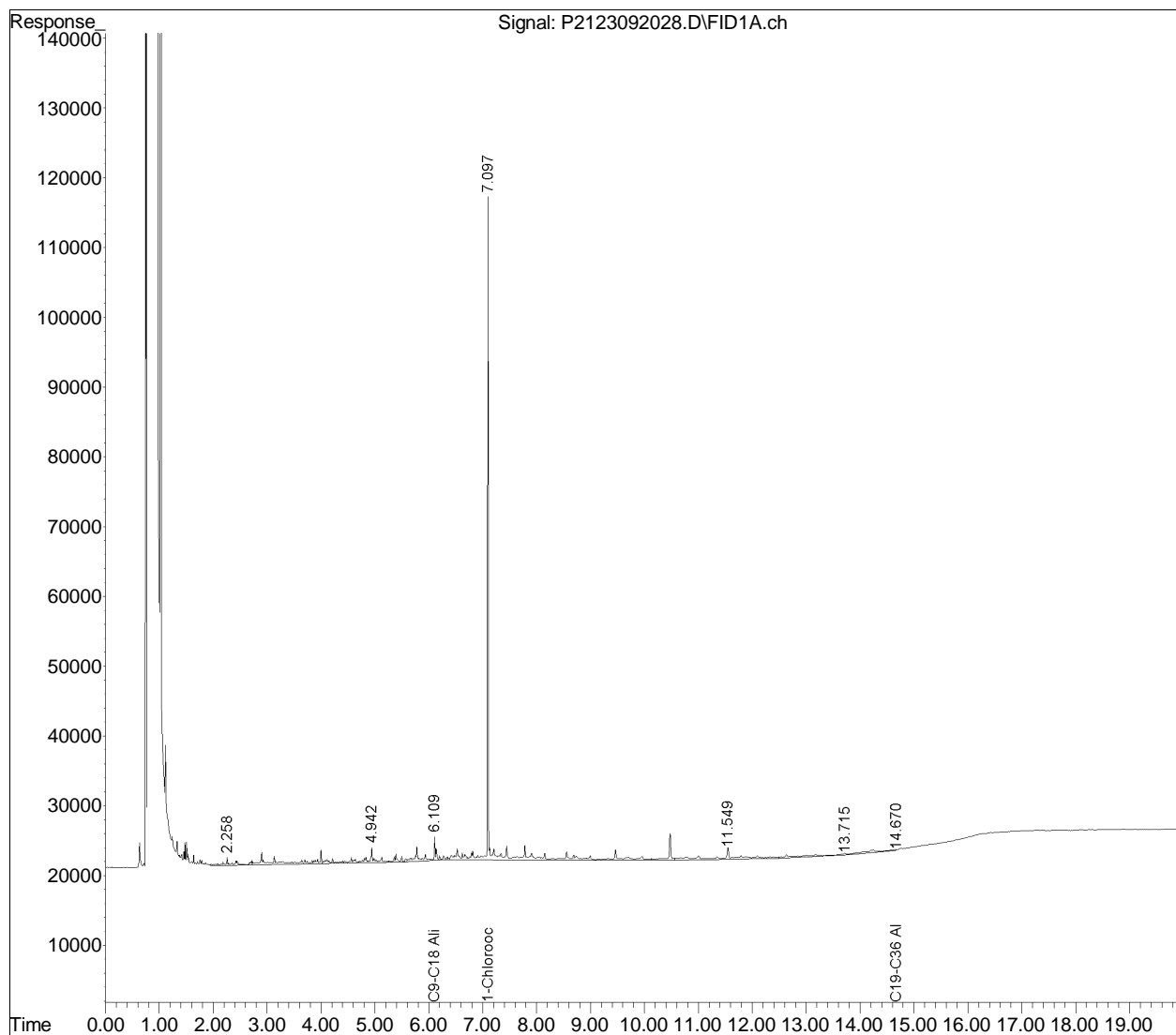


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092028.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 3:18 pm
Operator : Petro21a:sc
Sample : L2353839-02,42,,
Misc : WG1829563,WG1828966,ical18505
ALS Vial : 14 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 28 10:52:13 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

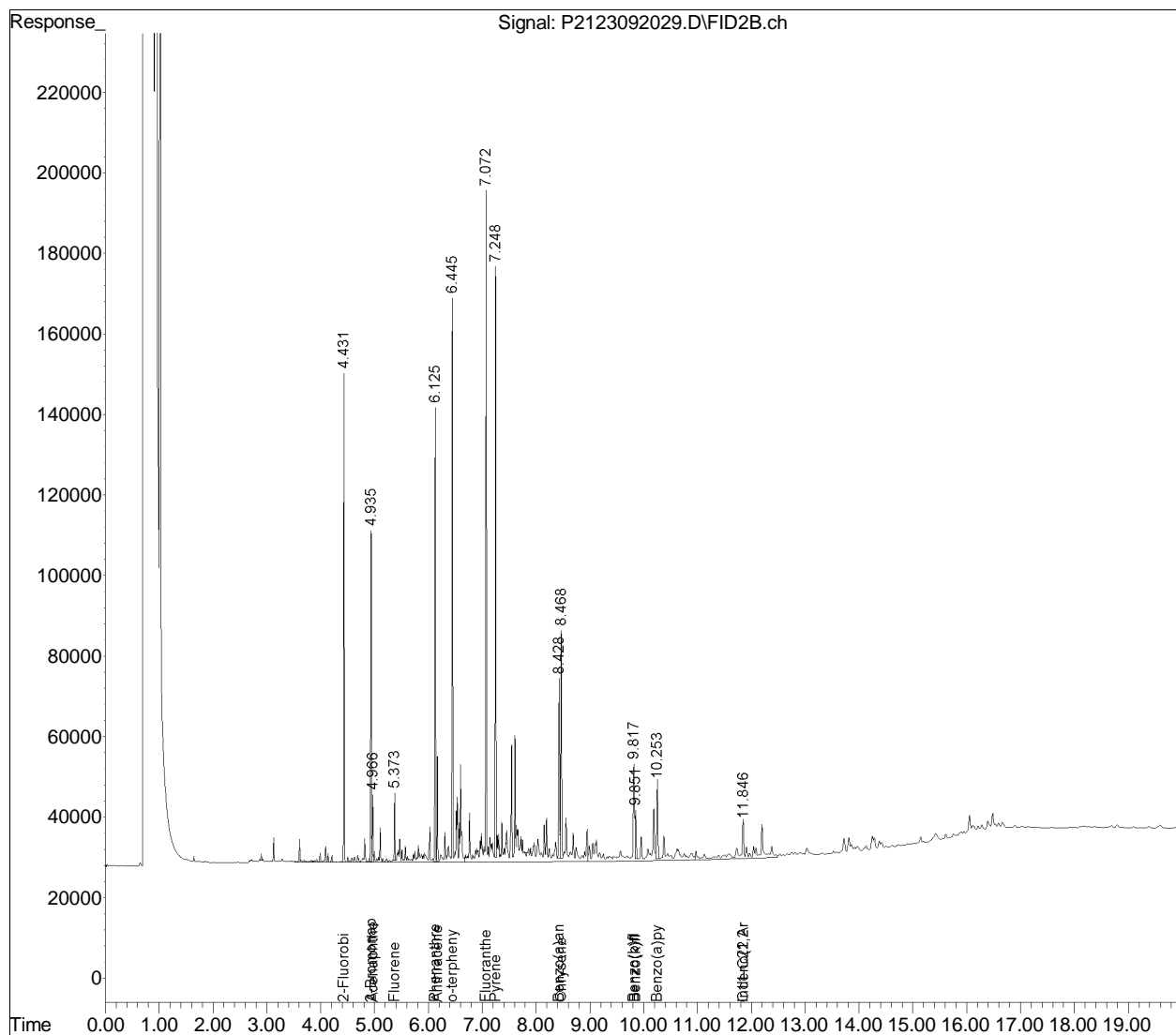


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092029.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 3:43 pm
 Operator : Petro21b:SC
 Sample : L2353839-03,42,,
 Misc : WG1829563,WG1828966,ical18504
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 28 11:15:52 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

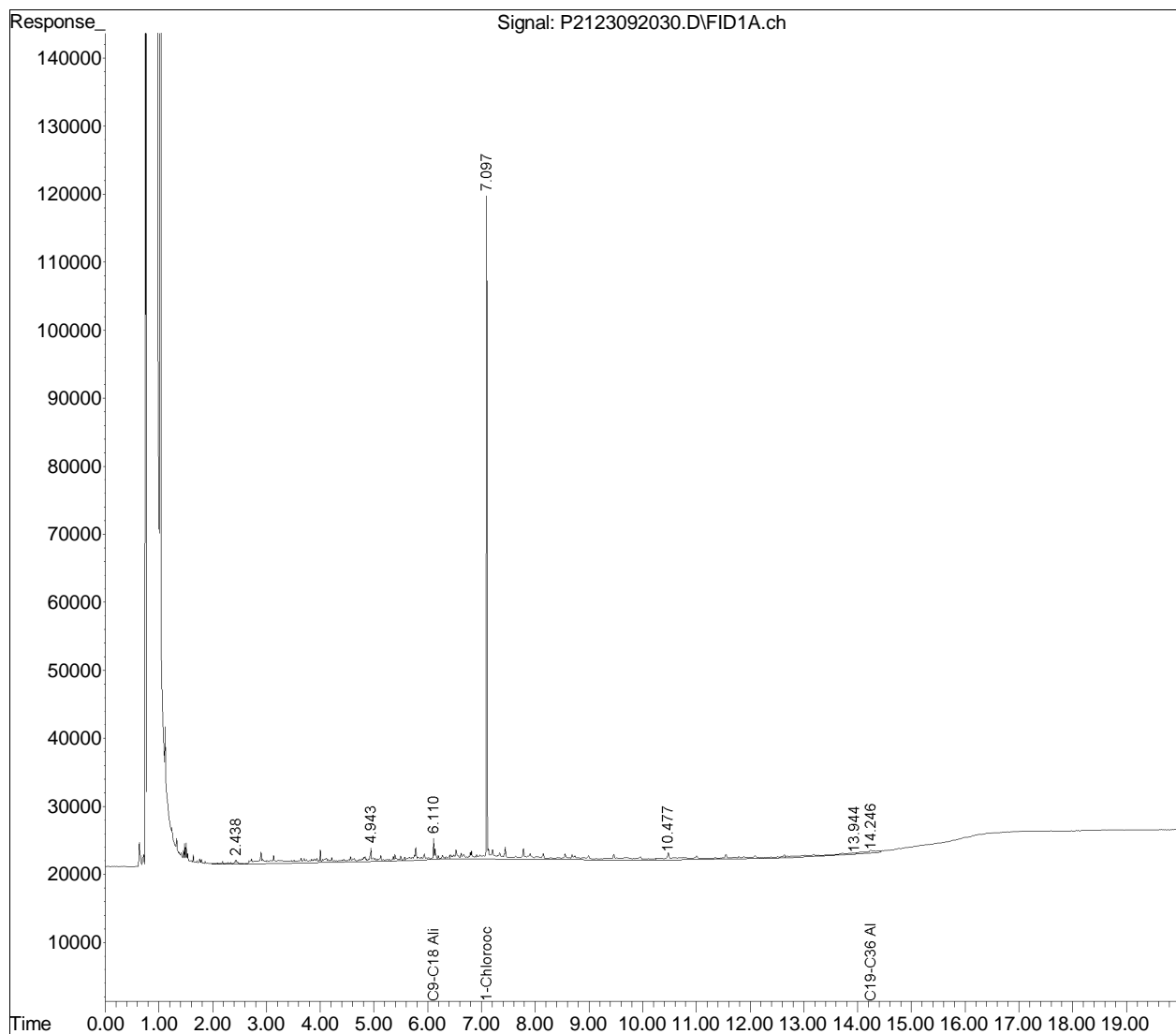


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092030.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 3:43 pm
Operator : Petro21a:sc
Sample : L2353839-03,42,,
Misc : WG1829563,WG1828966,ical18505
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 28 10:54:26 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

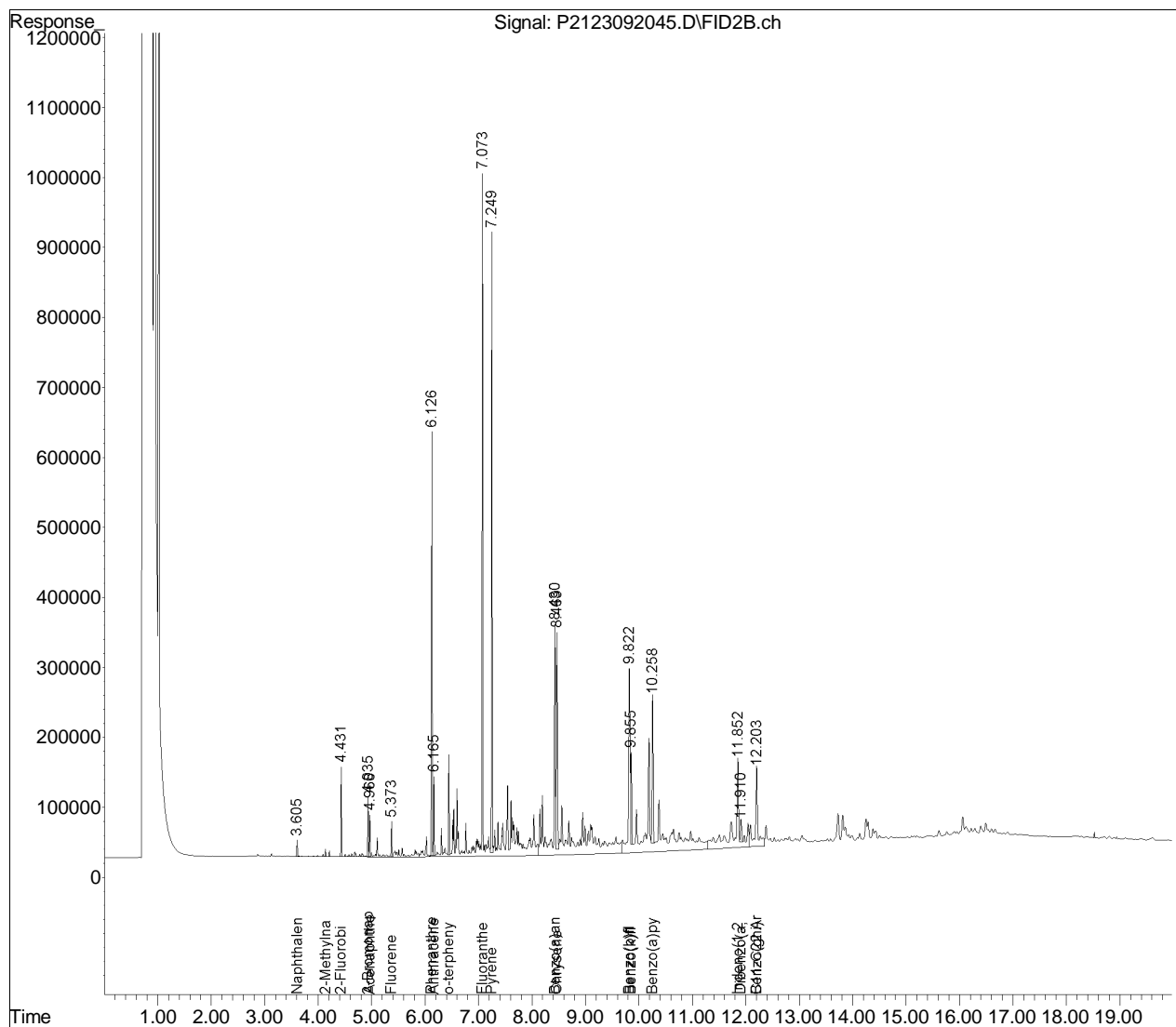


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920.SEC\
 Data File : P2123092045.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 7:02 pm
 Operator : Petro21b:SC
 Sample : L2353839-05,42,,
 Misc : WG1829563,WG1828966,ical18504
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 28 11:25:20 2023
 Quant Method : I:\PETRO\Petro21\2023\230920.SEC\P21MAARO211129B.M
 Quant Title : MA EPH Aromatic
 QLast Update : Mon Sep 18 09:18:57 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

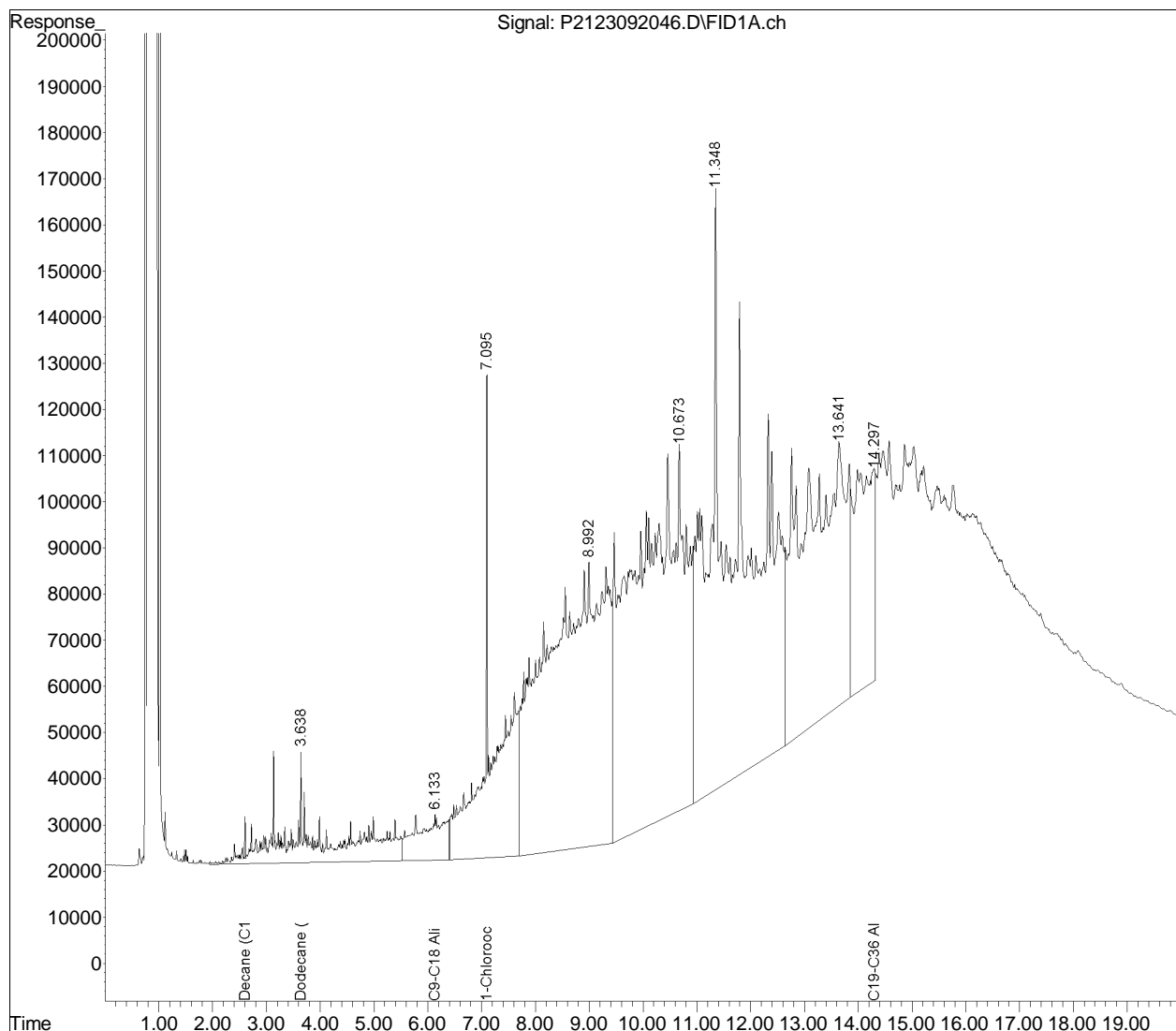


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230920\
Data File : P2123092046.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 7:02 pm
Operator : Petro21a:sc
Sample : L2353839-05,42,,
Misc : WG1829563,WG1828966,ical18505
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 28 11:00:33 2023
Quant Method : I:\PETRO\Petro21\2023\230920\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:37:22 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

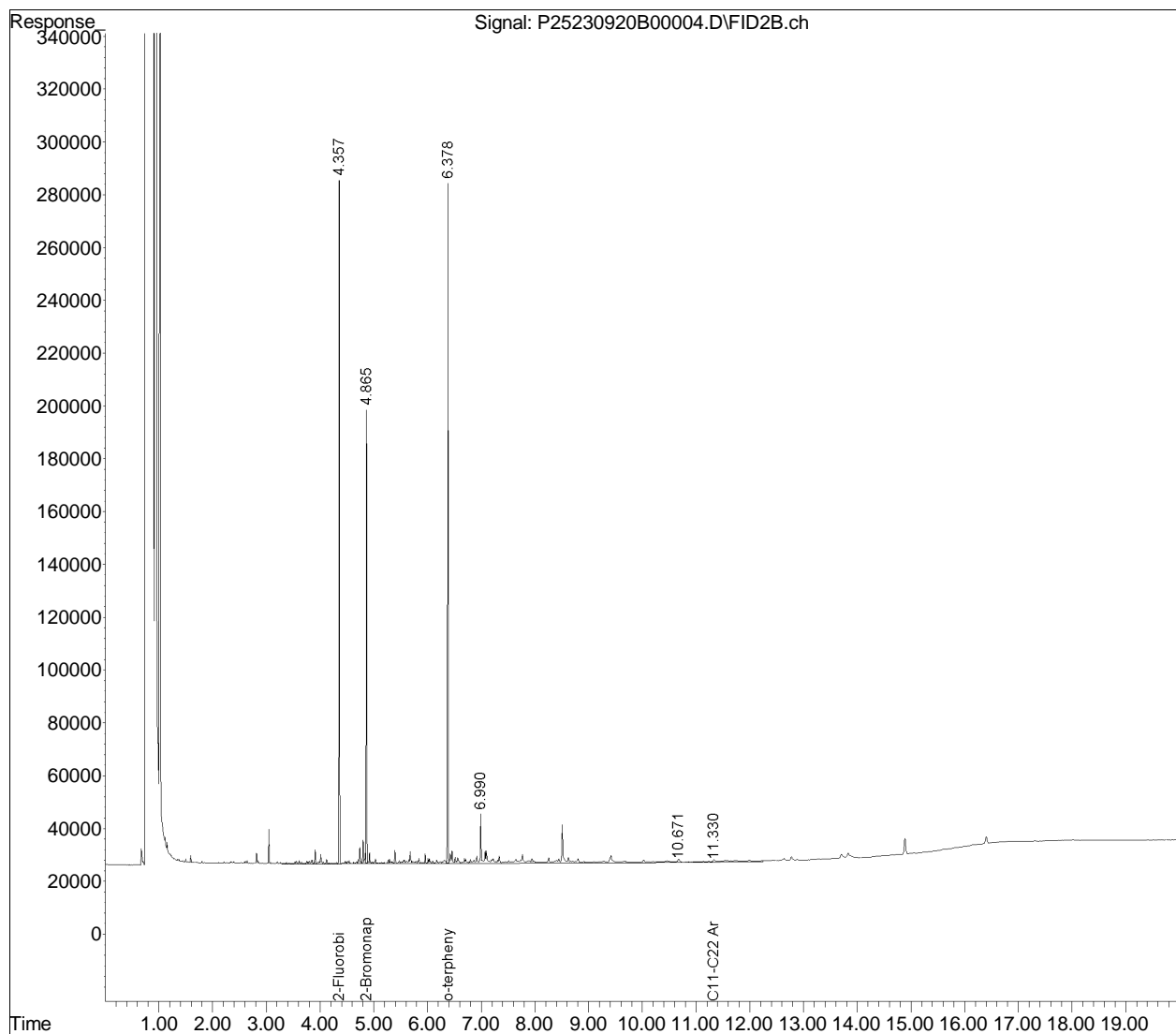


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920.sec\
Data File : P25230920B00004.D
Signal(s) : FID2B.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25b:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20167
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 09:23:34 2023
Quant Method : I:\PETRO\Petro25\2023\230920.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 20 09:35:47 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

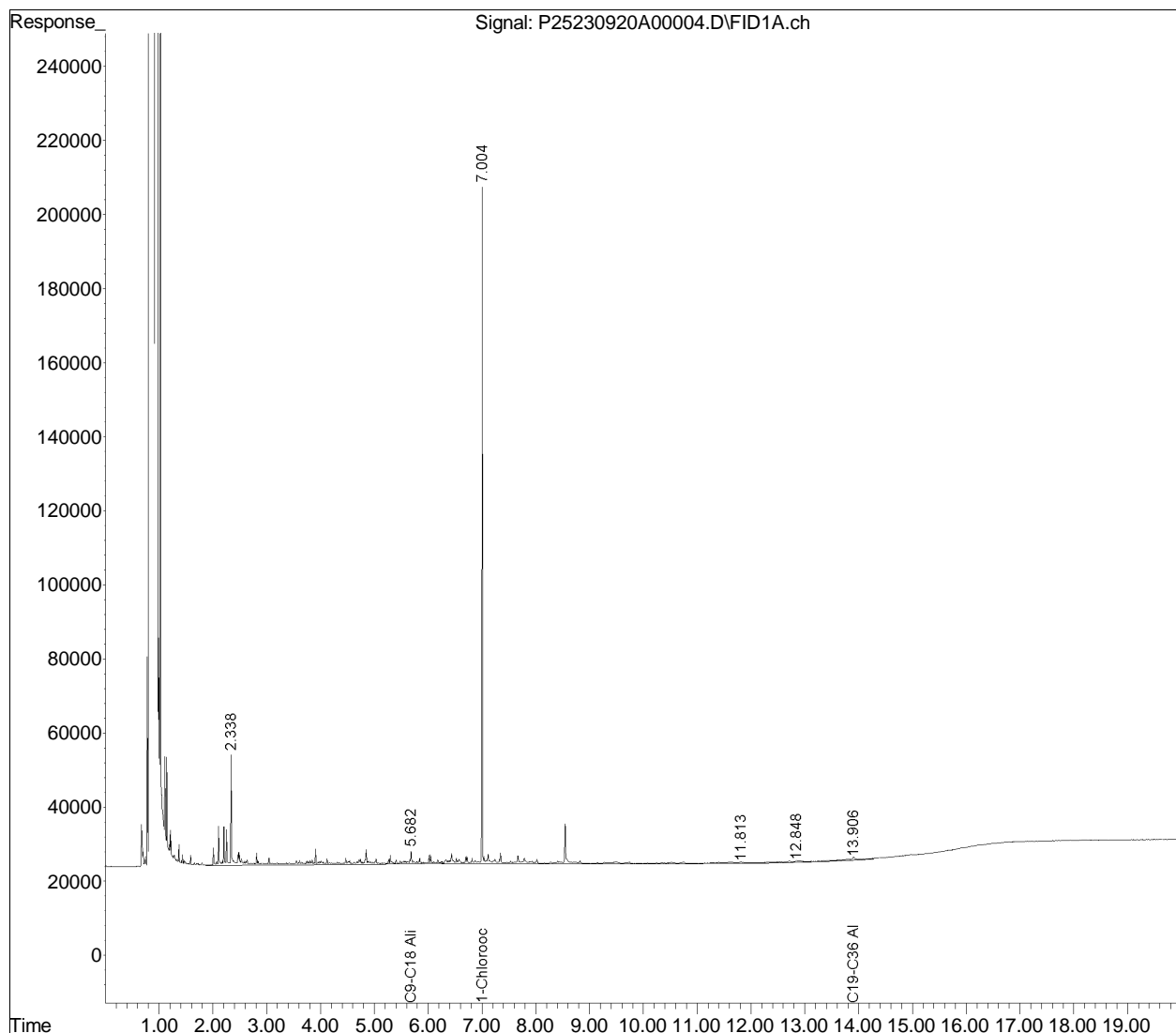


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230920\
Data File : P25230920A00004.D
Signal(s) : FID1A.ch
Acq On : 20-Sep-2023, 10:41:23
Operator : Petro25a:sc
Sample : WG1828966-1,42,,
Misc : WG1829568,WG1828966,ICAL20166
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 08:43:01 2023
Quant Method : I:\PETRO\Petro25\2023\230920\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 09:31:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

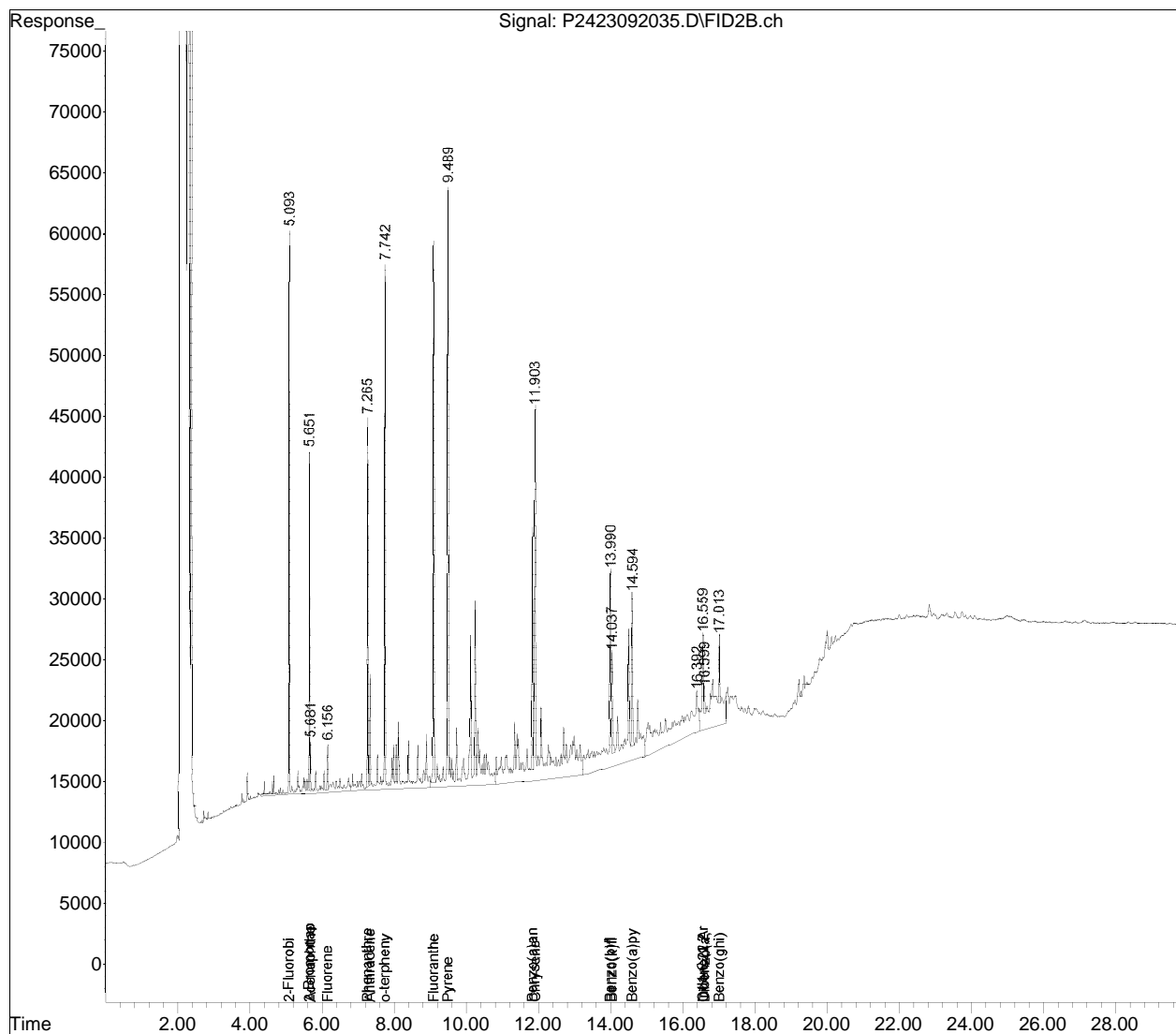


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920.SEC\
 Data File : P2423092035.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 05:46 pm
 Operator : Petro24b:mtc
 Sample : L2353839-04,42,,
 Misc : wg1829566,wg1828966,ical20111
 ALS Vial : 68 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:56:21 2023
 Quant Method : I:\PETRO\Petro24\2023\230920.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 07:51:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

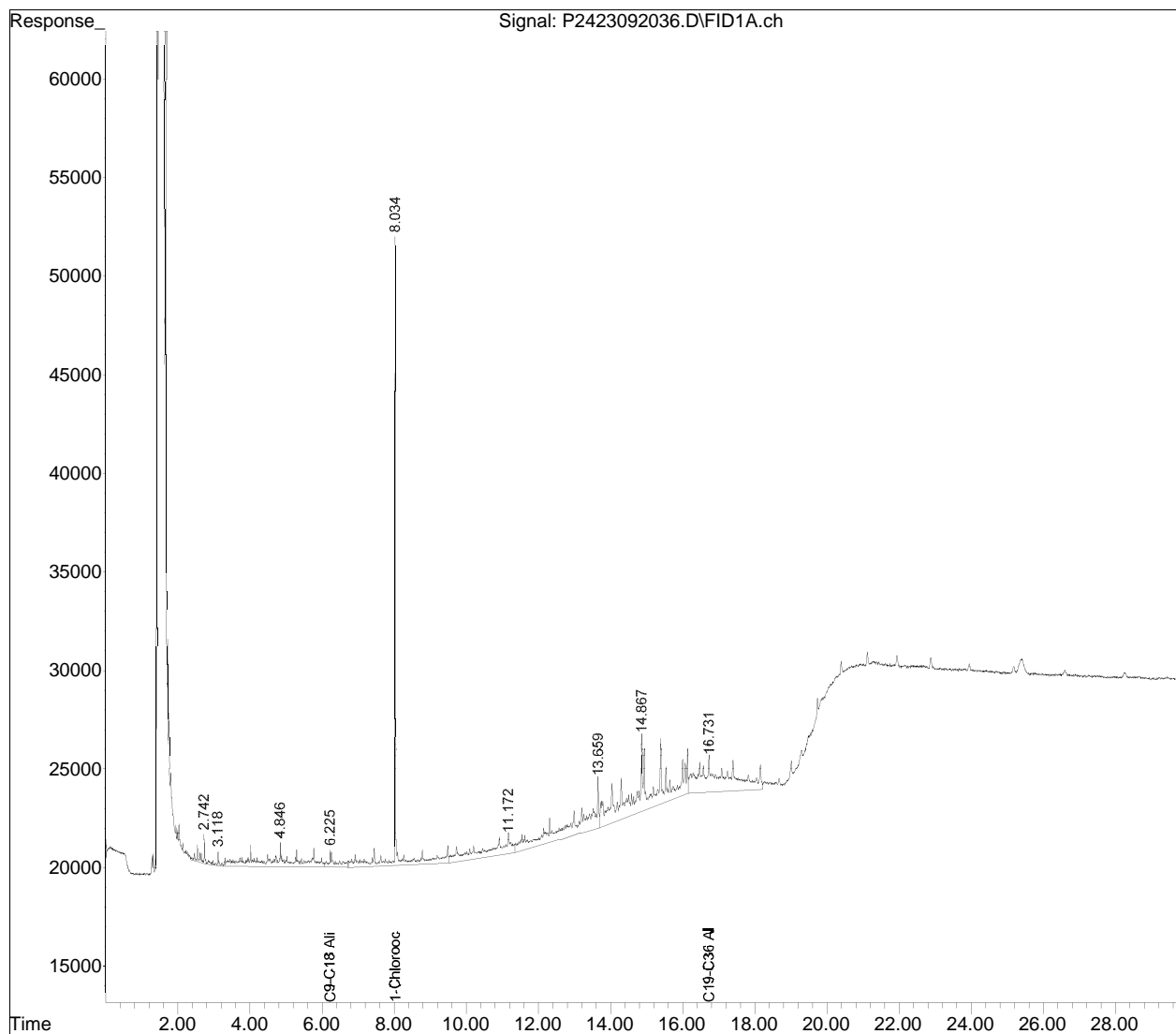


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920\
Data File : P2423092036.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 05:46 pm
Operator : Petro24a:mtc
Sample : L2353839-04,42,,
Misc : wg1829566,wg1828966,ical20112
ALS Vial : 18 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 13:44:46 2023
Quant Method : I:\PETRO\Petro24\2023\230920\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

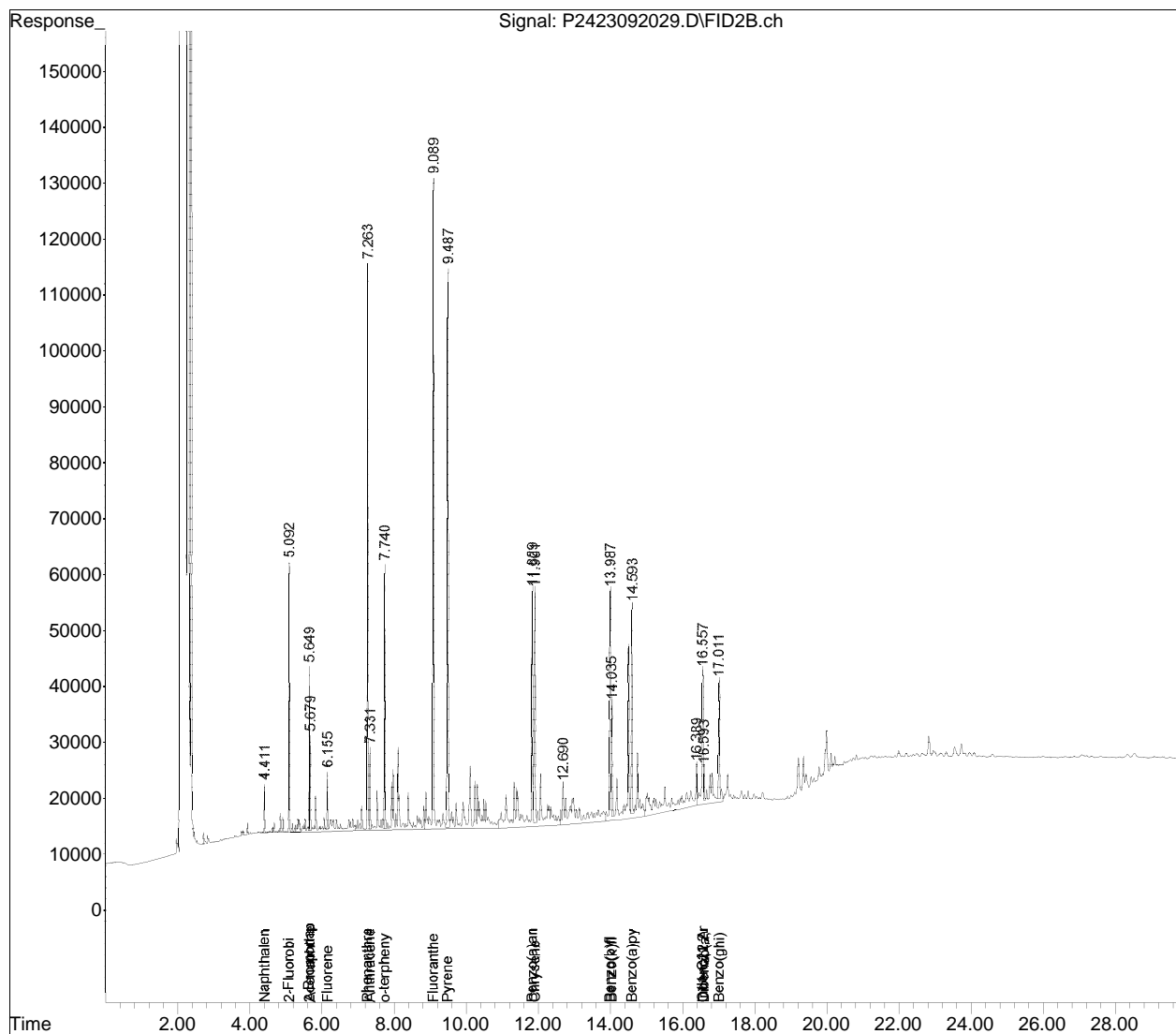


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920.SEC\
 Data File : P2423092029.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2023 04:01 pm
 Operator : Petro24b:mtc
 Sample : L2353839-01,42,,
 Misc : wg1829566,wg1828966,ical20111
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 26 13:48:44 2023
 Quant Method : I:\PETRO\Petro24\2023\230920.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Wed Sep 20 07:51:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

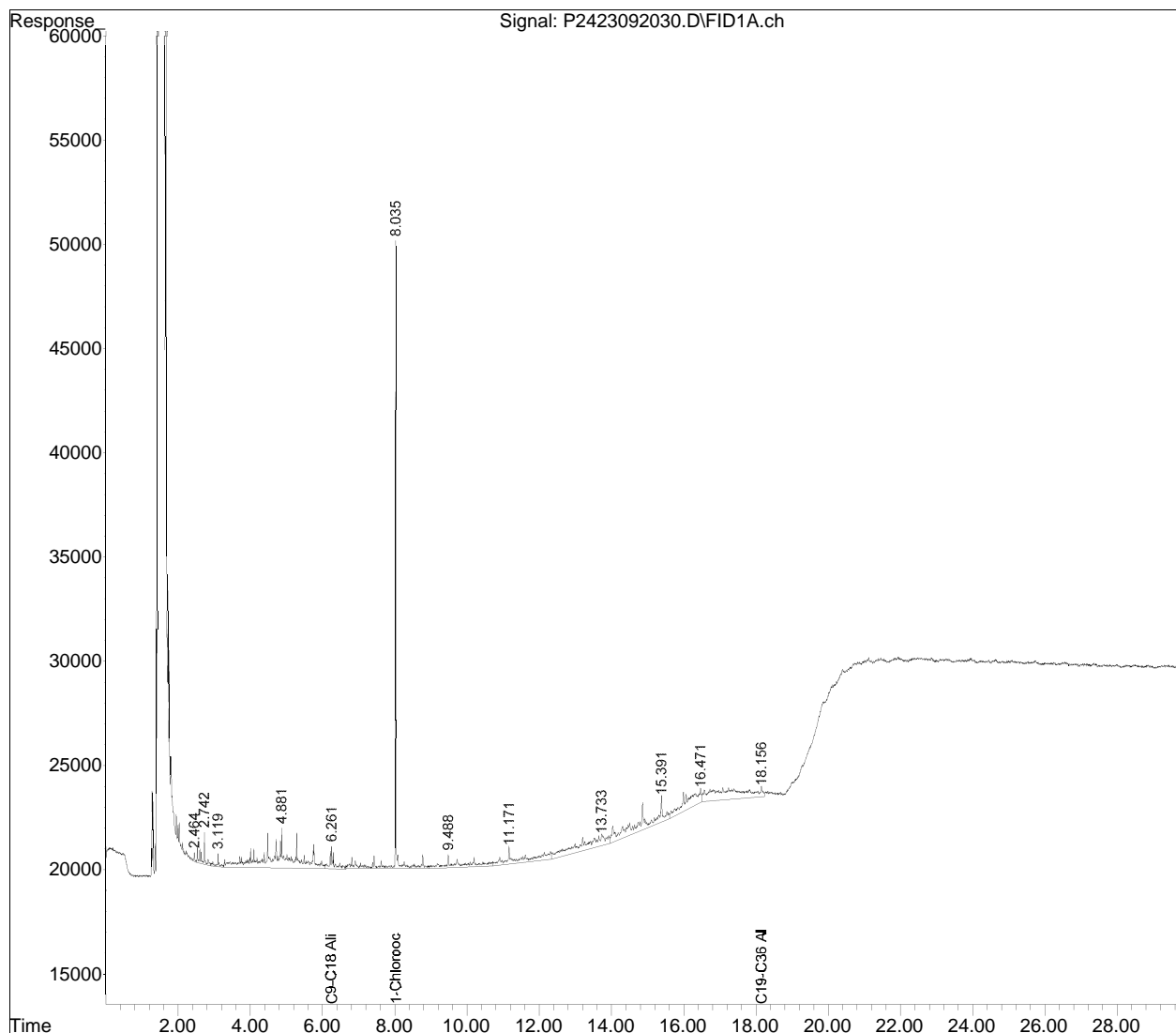


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230920\
Data File : P2423092030.D
Signal(s) : FID1A.ch
Acq On : 20 Sep 2023 04:01 pm
Operator : Petro24a:mtc
Sample : L2353839-01,42,,
Misc : wg1829566,wg1828966,ical20112
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 26 14:34:24 2023
Quant Method : I:\PETRO\Petro24\2023\230920\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Wed Sep 20 07:44:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

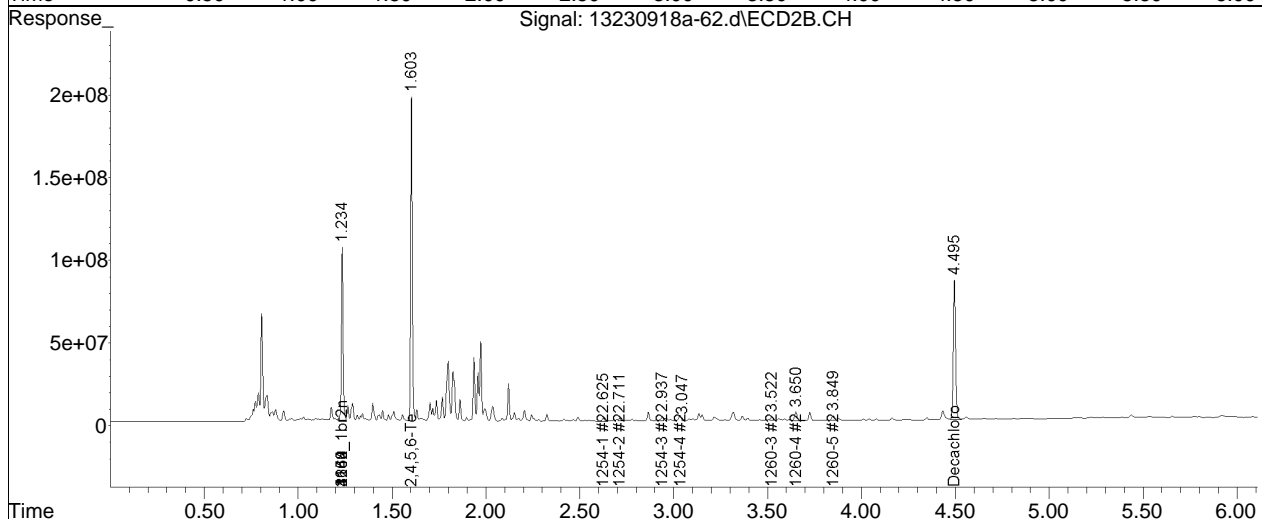
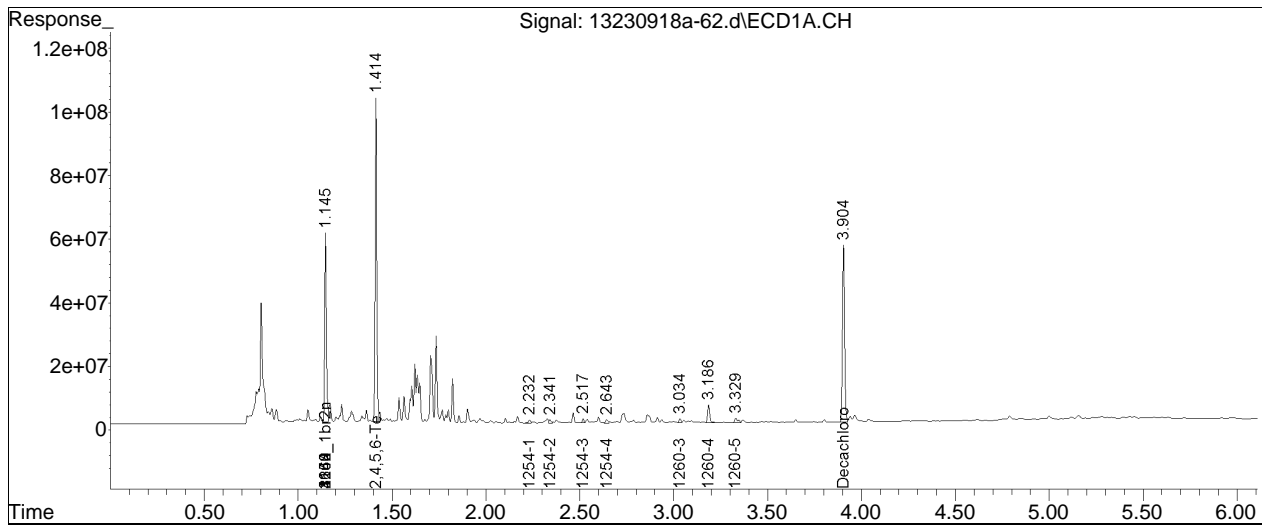


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-62.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 11:49 pm
 Operator : pest13:AD
 Sample : L2353839-01,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 62 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 22:25:12 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

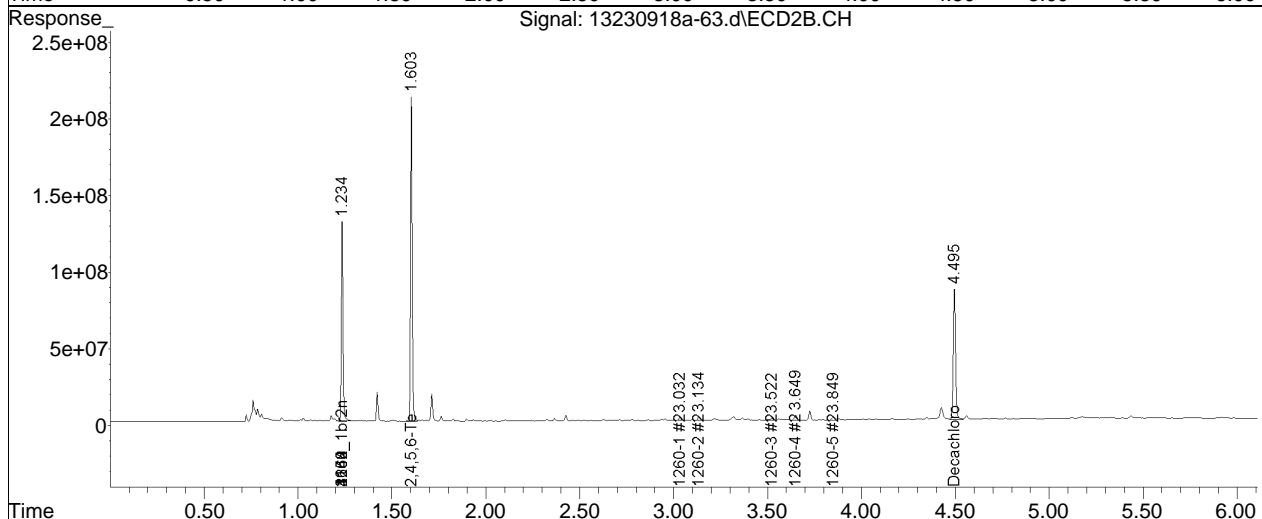
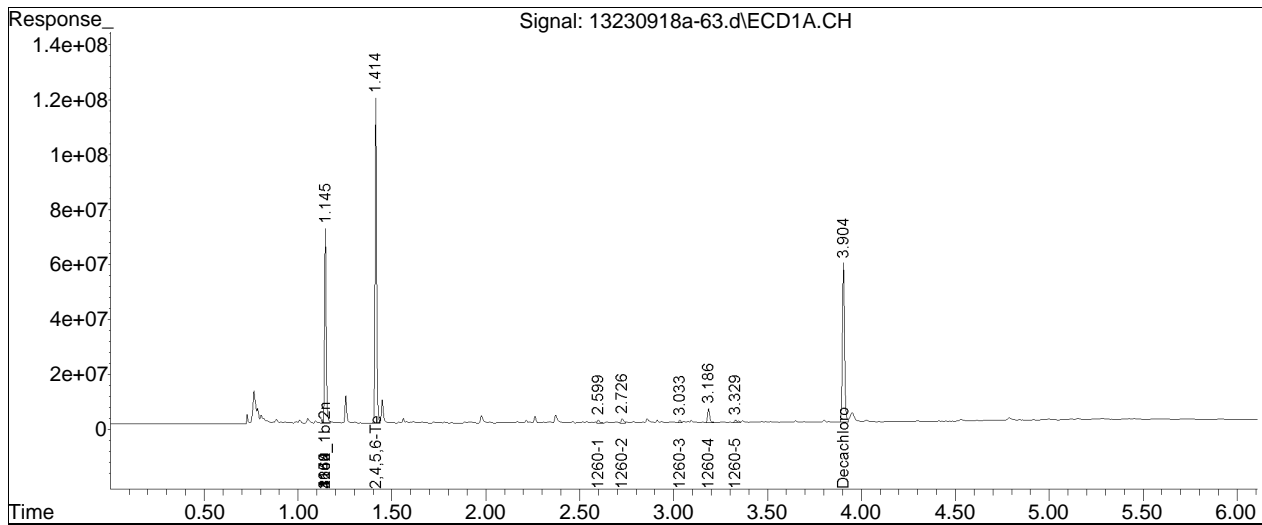


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-63.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 11:59 pm
 Operator : pest13:AD
 Sample : L2353839-02,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 63 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 22:34:26 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

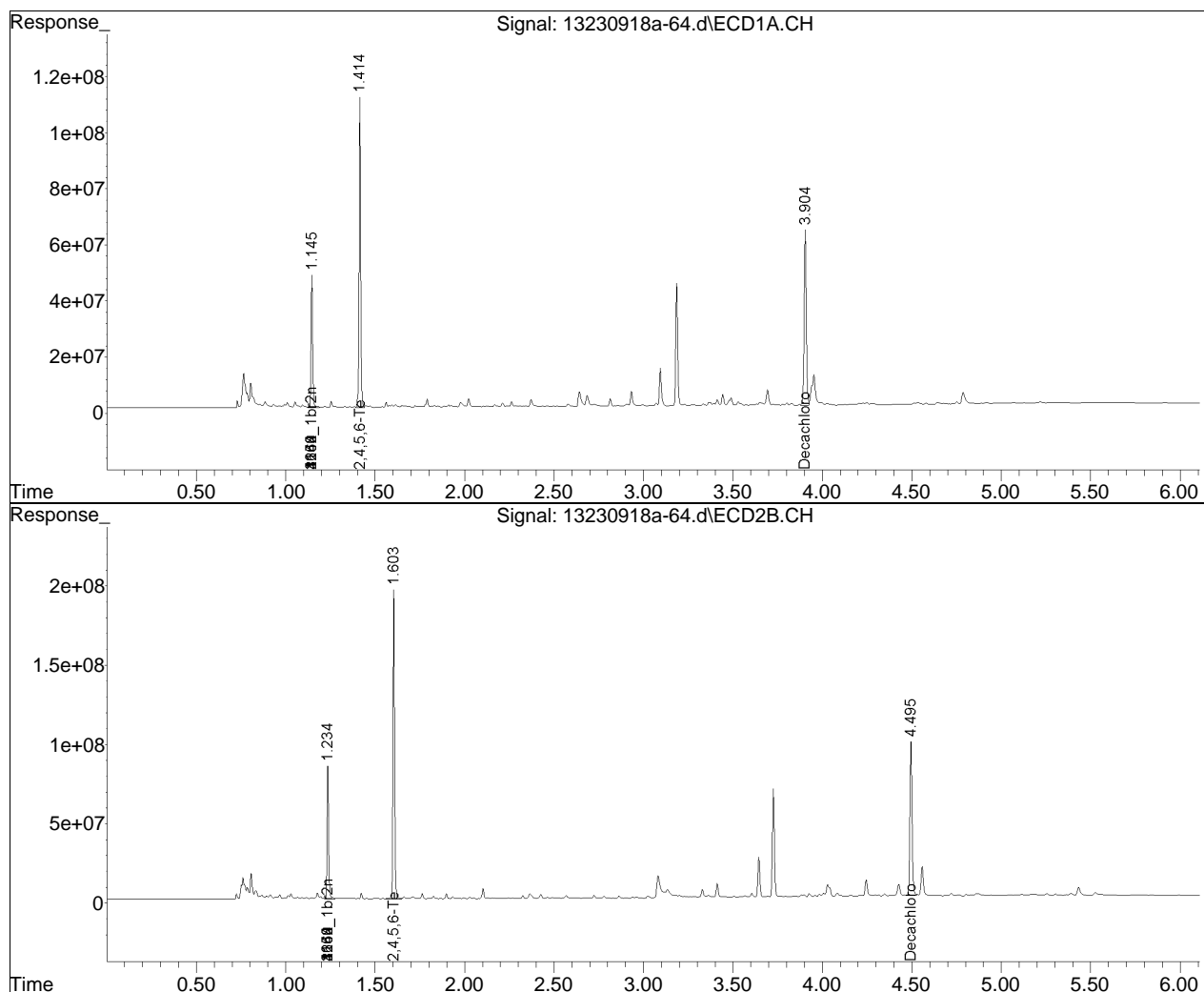


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-64.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Sep 2023 12:09 am
 Operator : pest13:AD
 Sample : L2353839-03,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 64 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 23:10:31 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

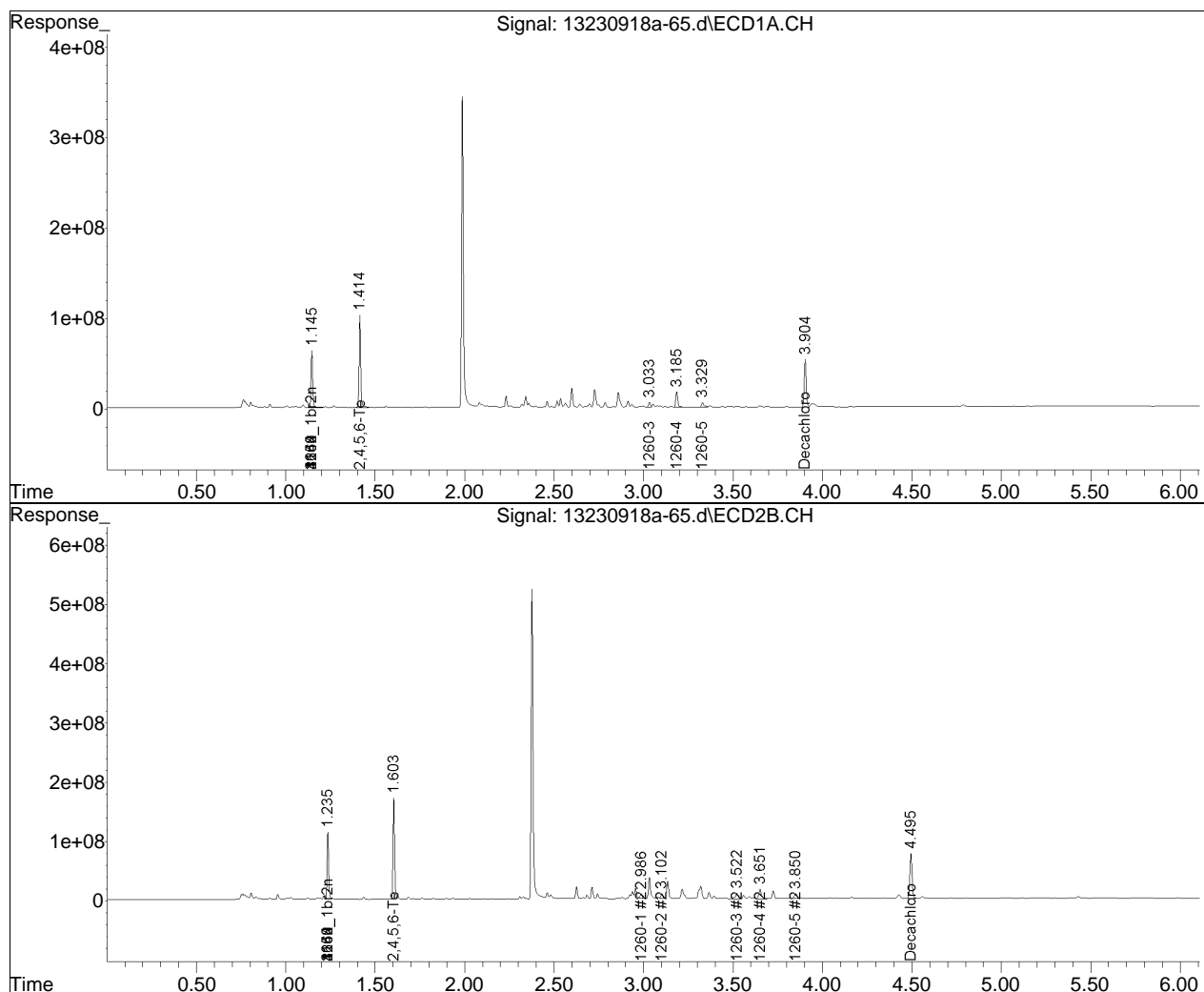


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-65.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Sep 2023 12:19 am
 Operator : pest13:AD
 Sample : L2353839-04,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 65 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 23:24:29 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

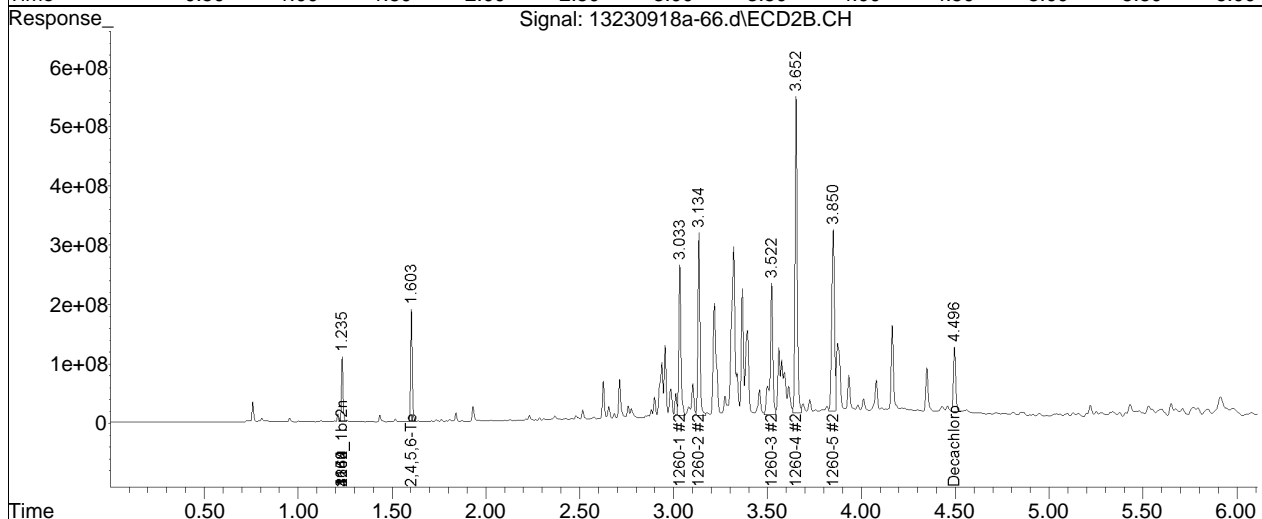
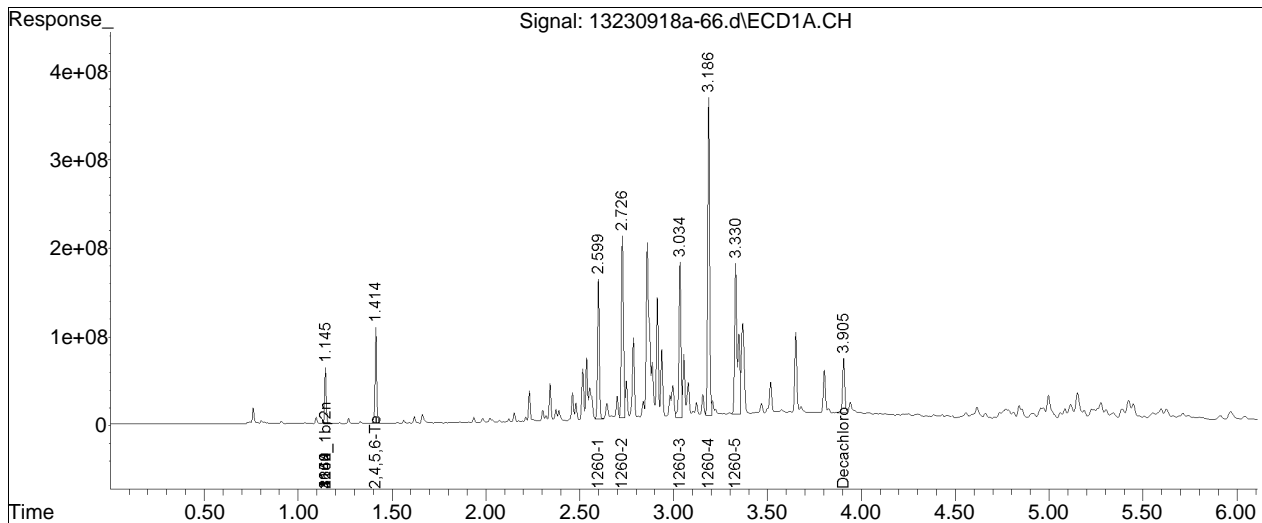


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-66.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Sep 2023 12:29 am
 Operator : pest13:AD
 Sample : L2353839-06,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 66 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 23:29:42 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

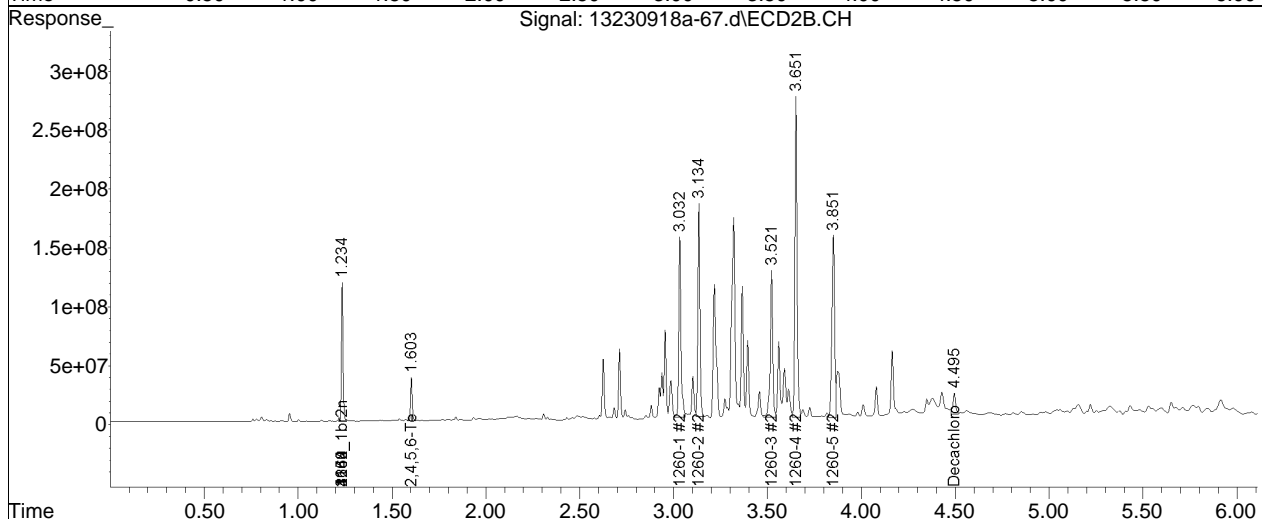
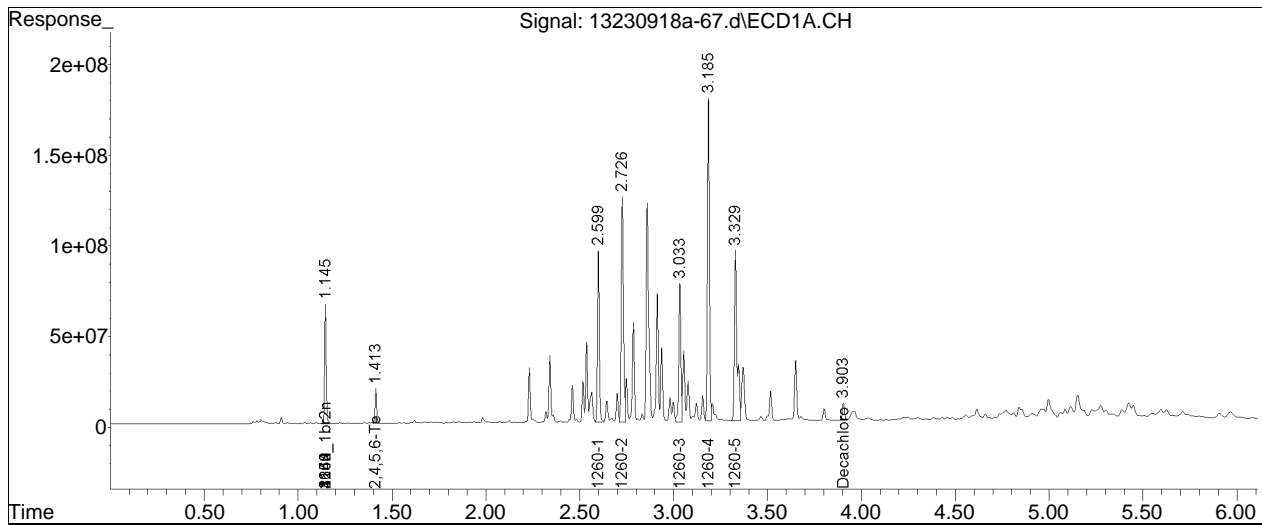


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-67.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Sep 2023 12:39 am
 Operator : pest13:AD
 Sample : L2353839-05d,42,5,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 67 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 23:39:49 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

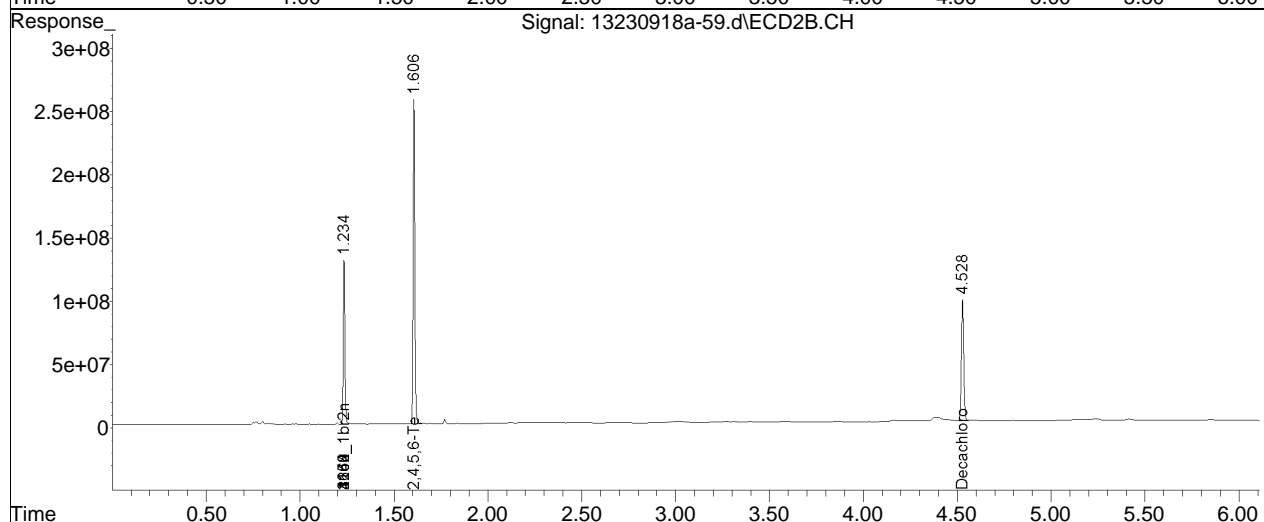
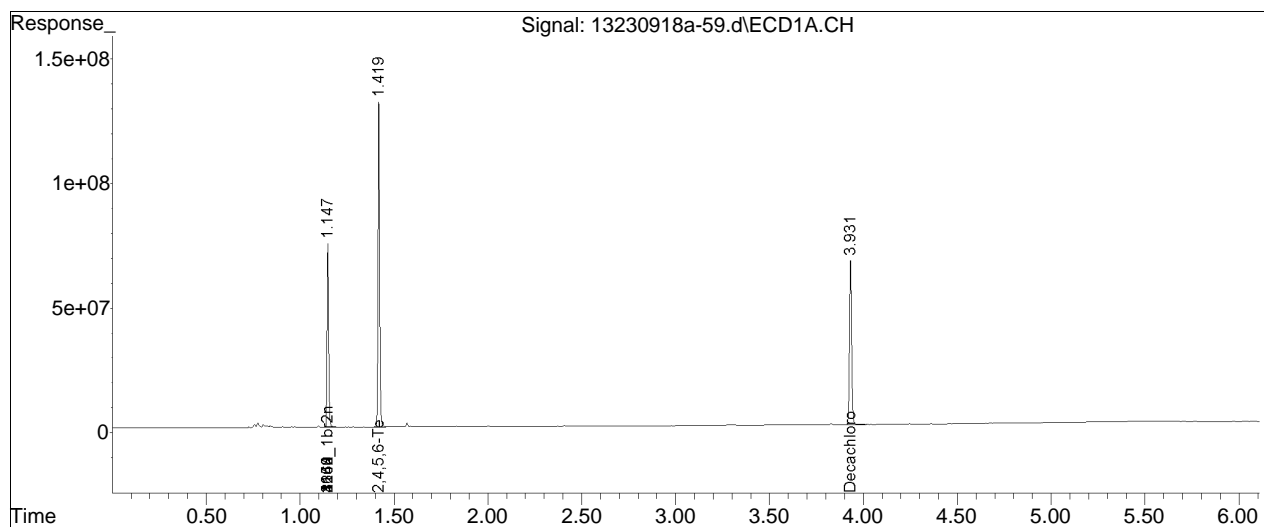


Sub List : Default - All compounds listed\13230918a-47.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-59.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 11:19 pm
 Operator : pest13:AD
 Sample : WG1828236-1,42,,
 Misc : wg1828591,WG1828236,ical20295
 ALS Vial : 59 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 27 22:01:00 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



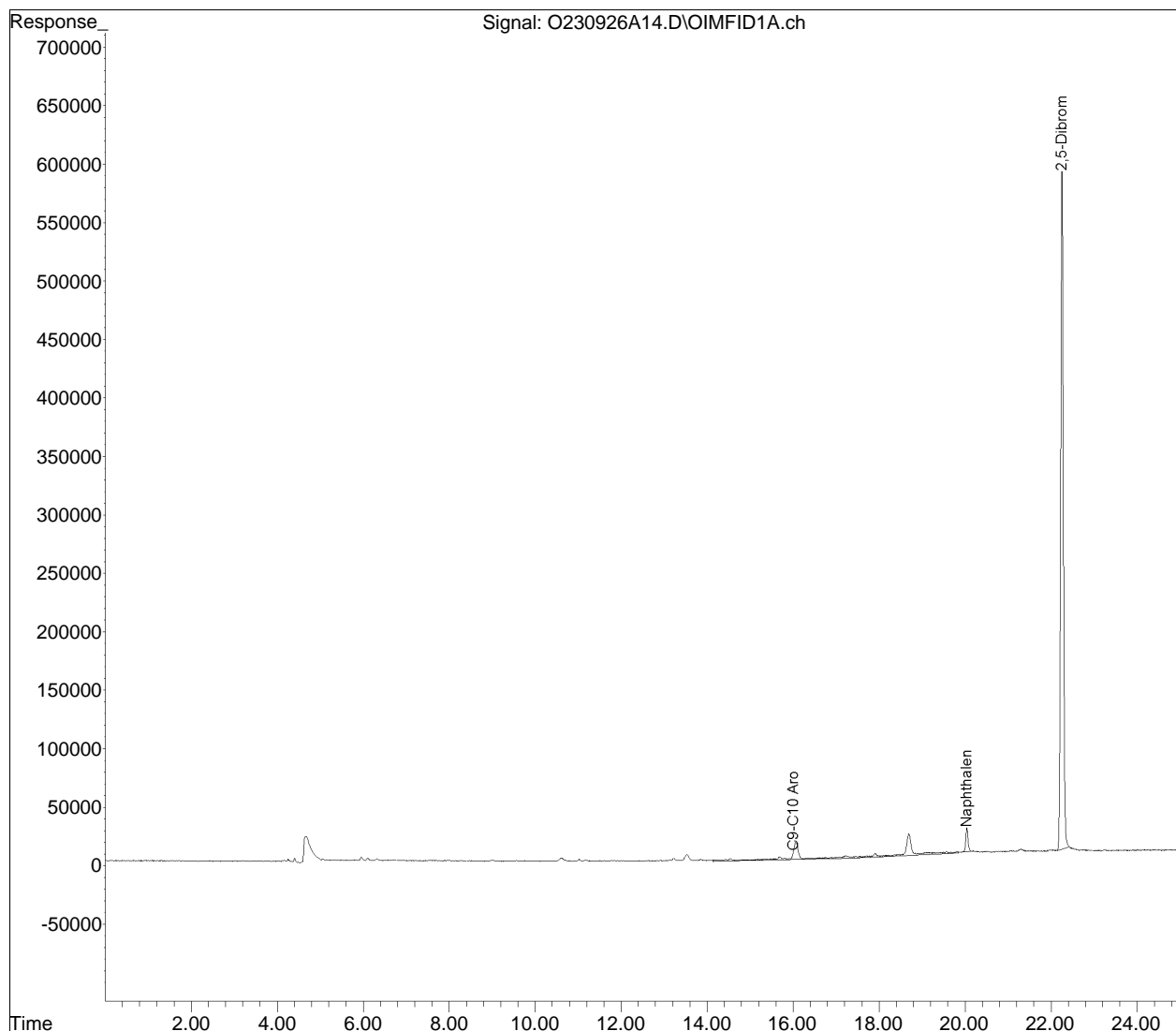
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A14.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:41:44 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



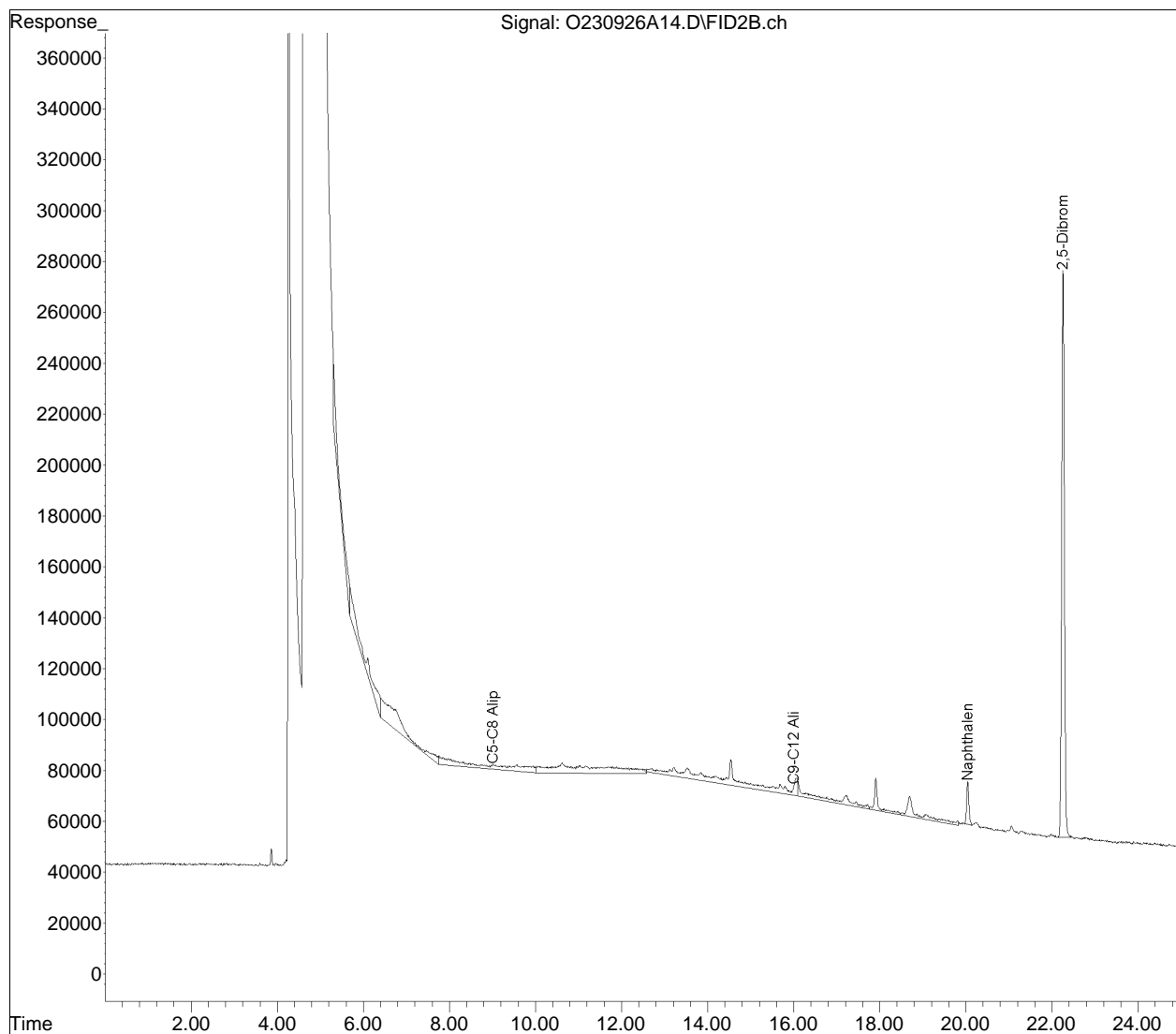
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A14.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:24:54 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



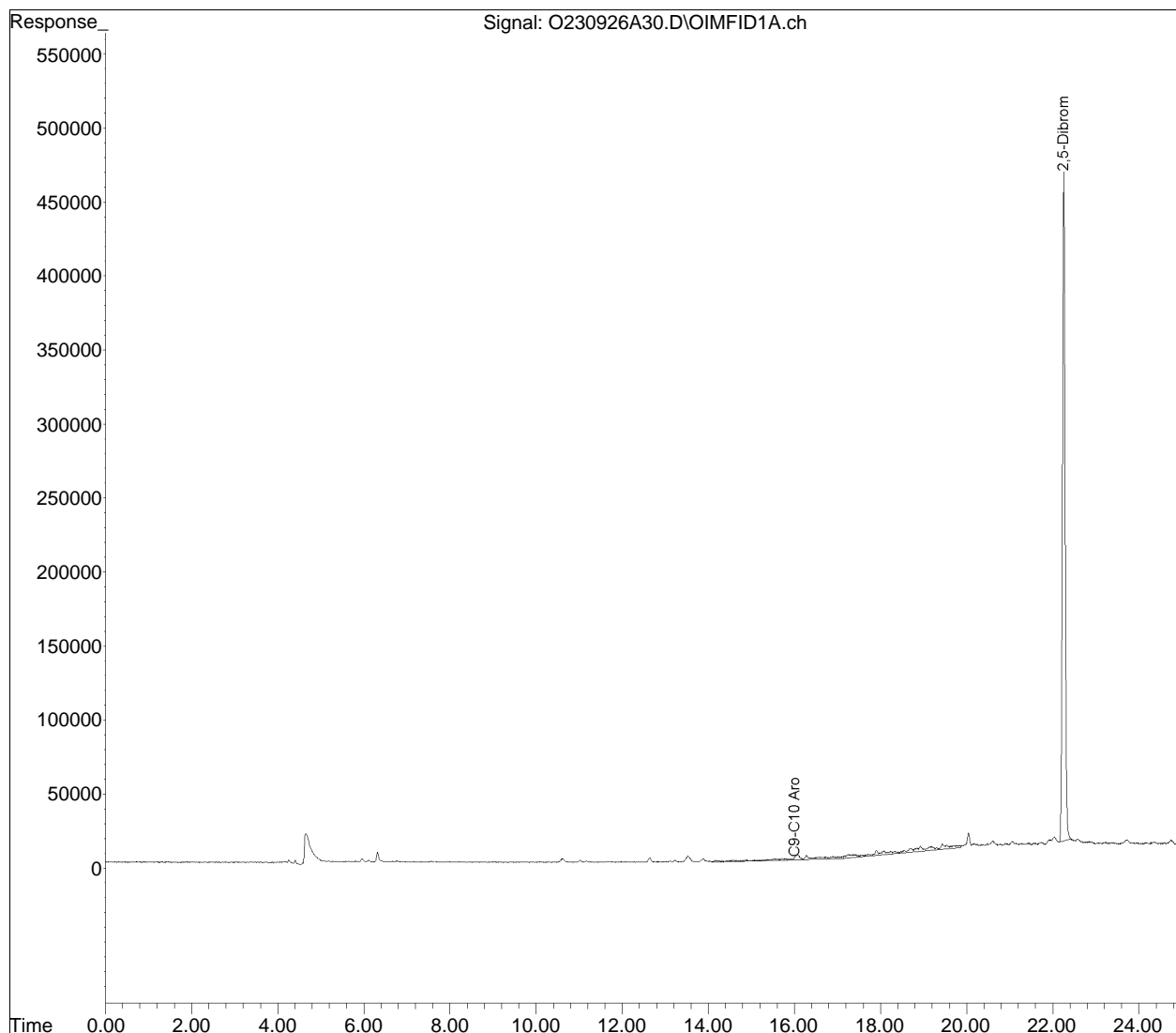
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A30.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 3:16 am
Operator : OVPH:BAD
Sample : L2353839-01,41,15,23.72,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 30 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:15 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



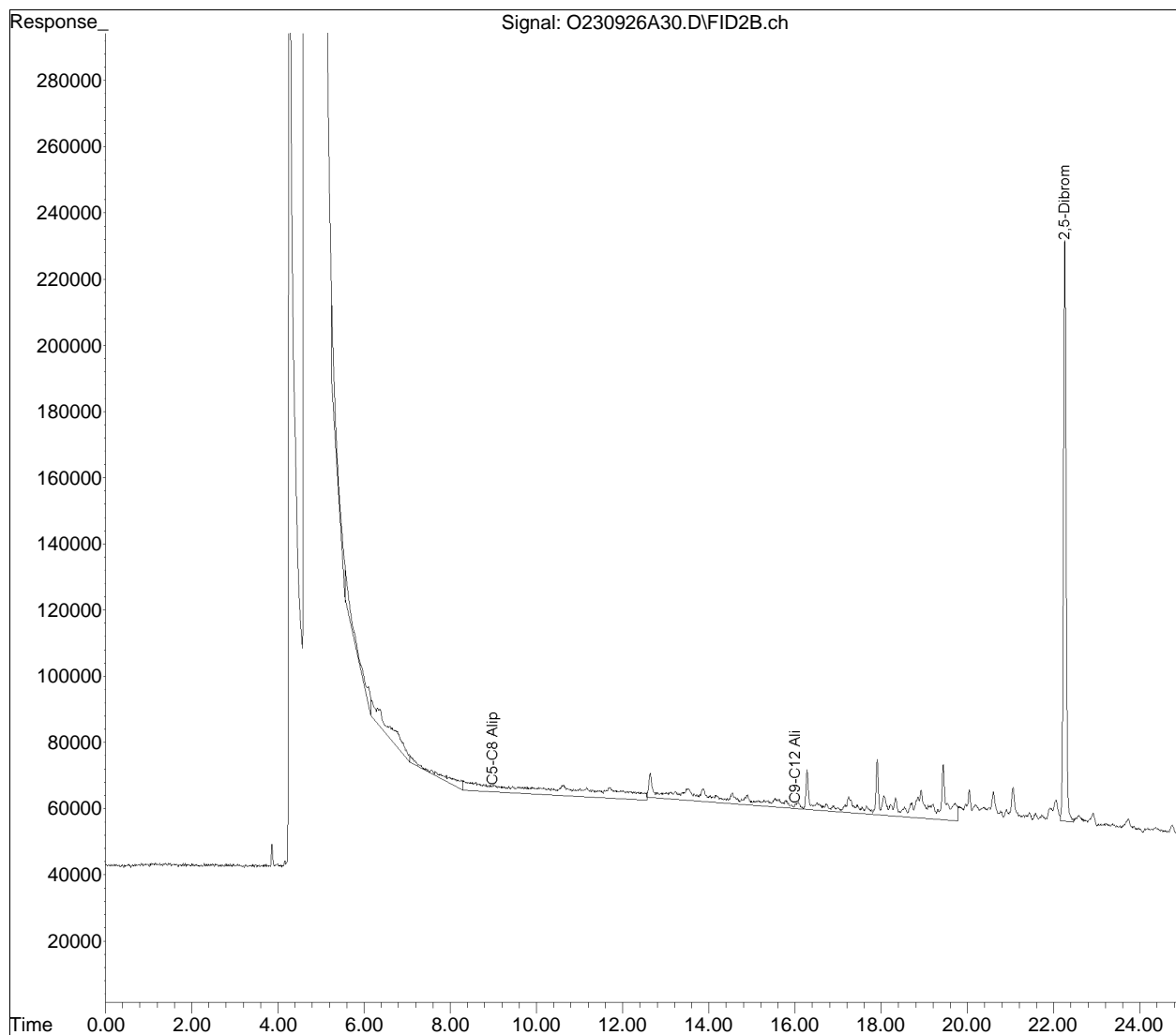
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A30.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 3:16 am
Operator : OVPH:BAD
Sample : L2353839-01,41,15,23.72,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 30 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:22 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



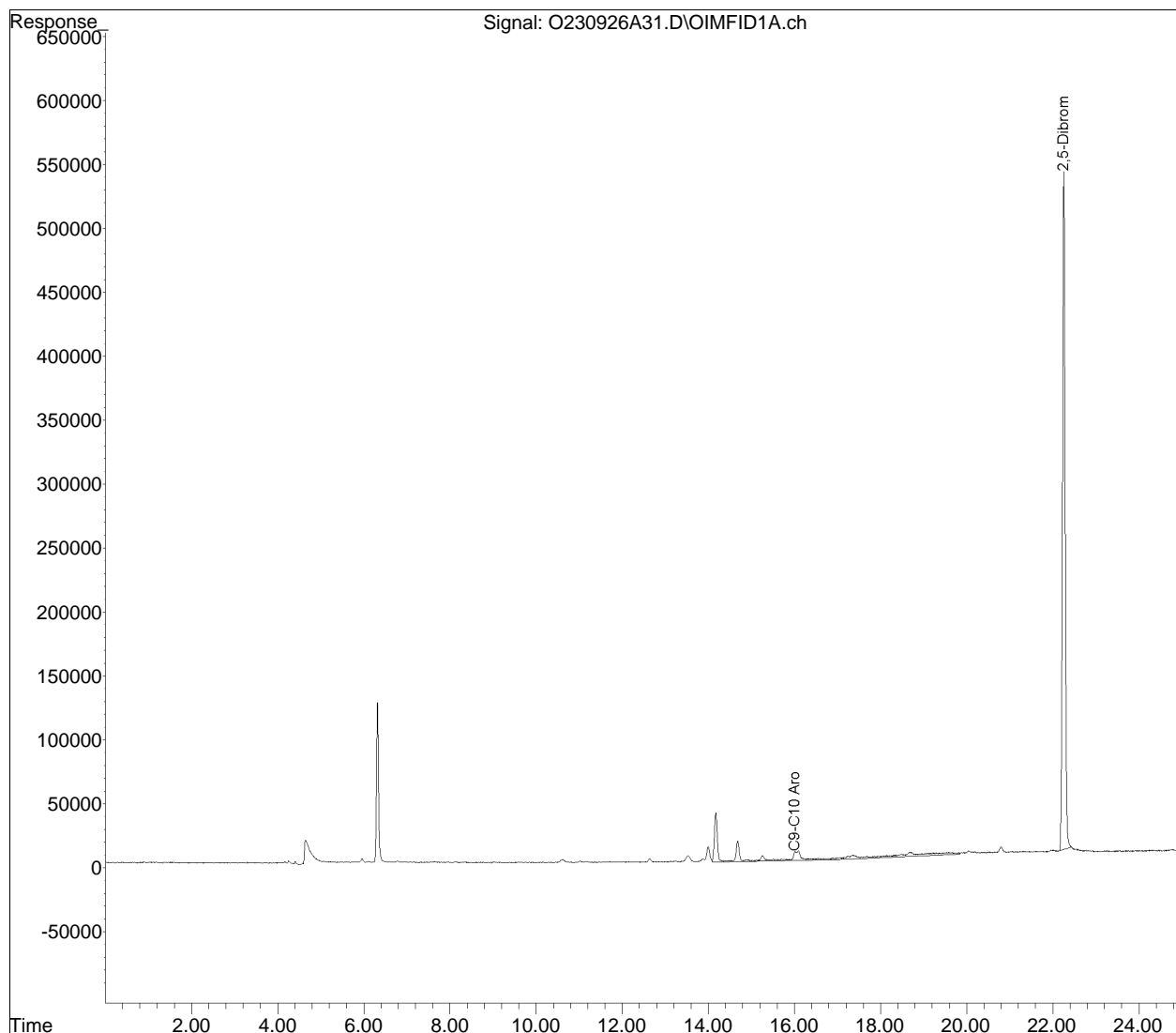
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A31.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 3:46 am
Operator : OVPH:BAD
Sample : L2353839-02,41,15,16.79,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:17 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



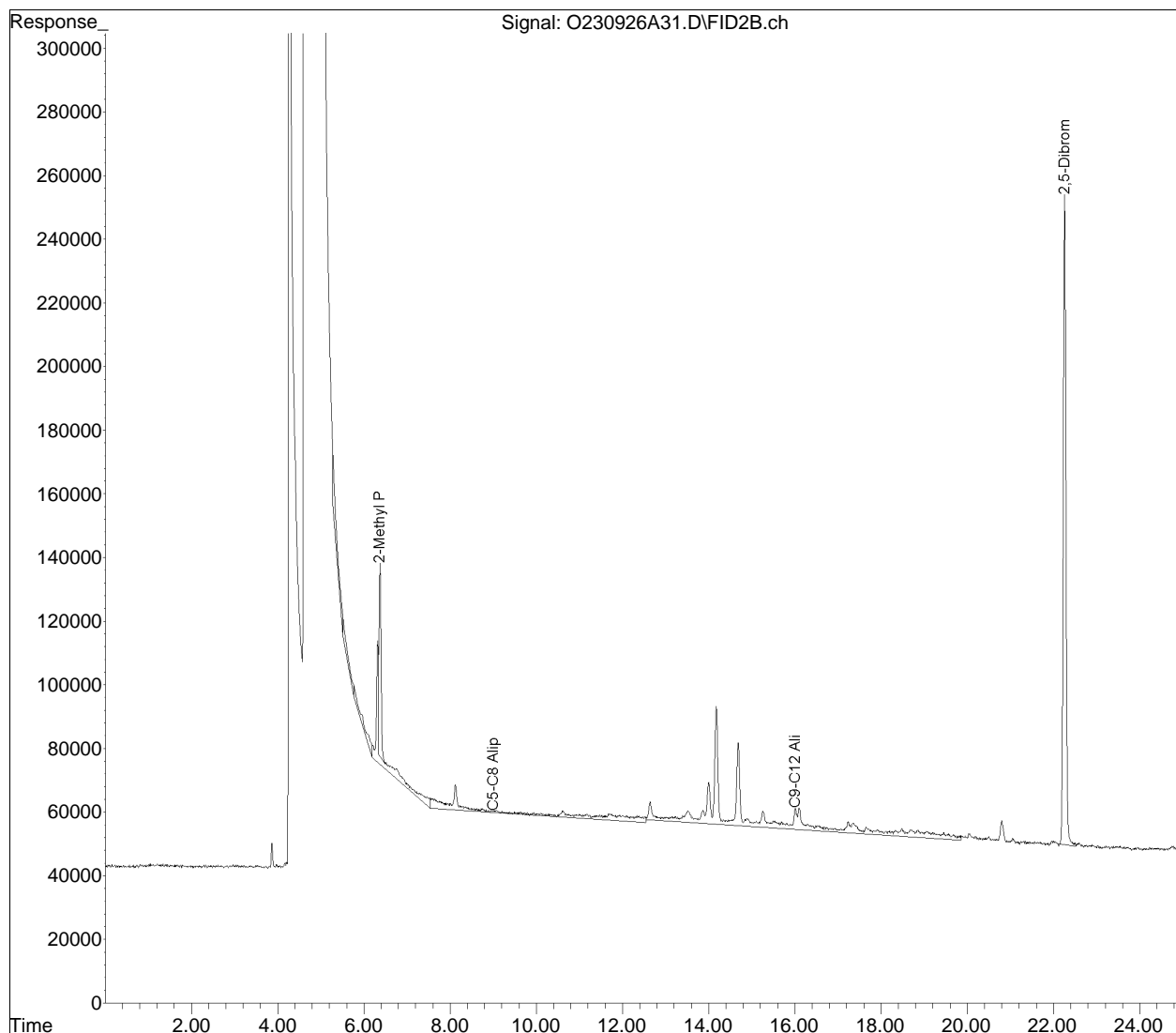
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A31.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 3:46 am
Operator : OVPH:BAD
Sample : L2353839-02,41,15,16.79,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 31 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:24 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



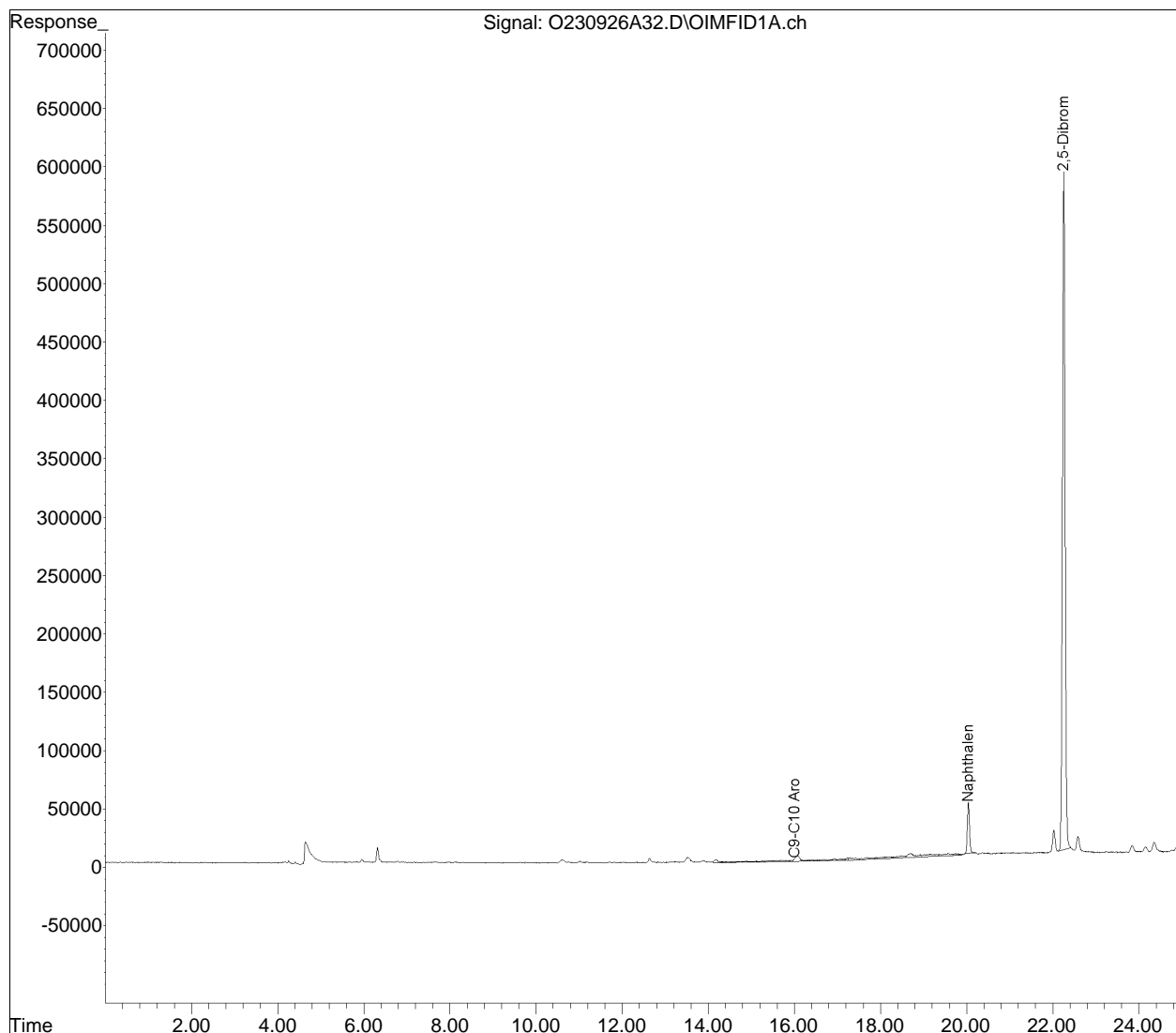
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A32.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 4:16 am
Operator : OVPH:BAD
Sample : L2353839-03,41,15,19.91,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:19 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



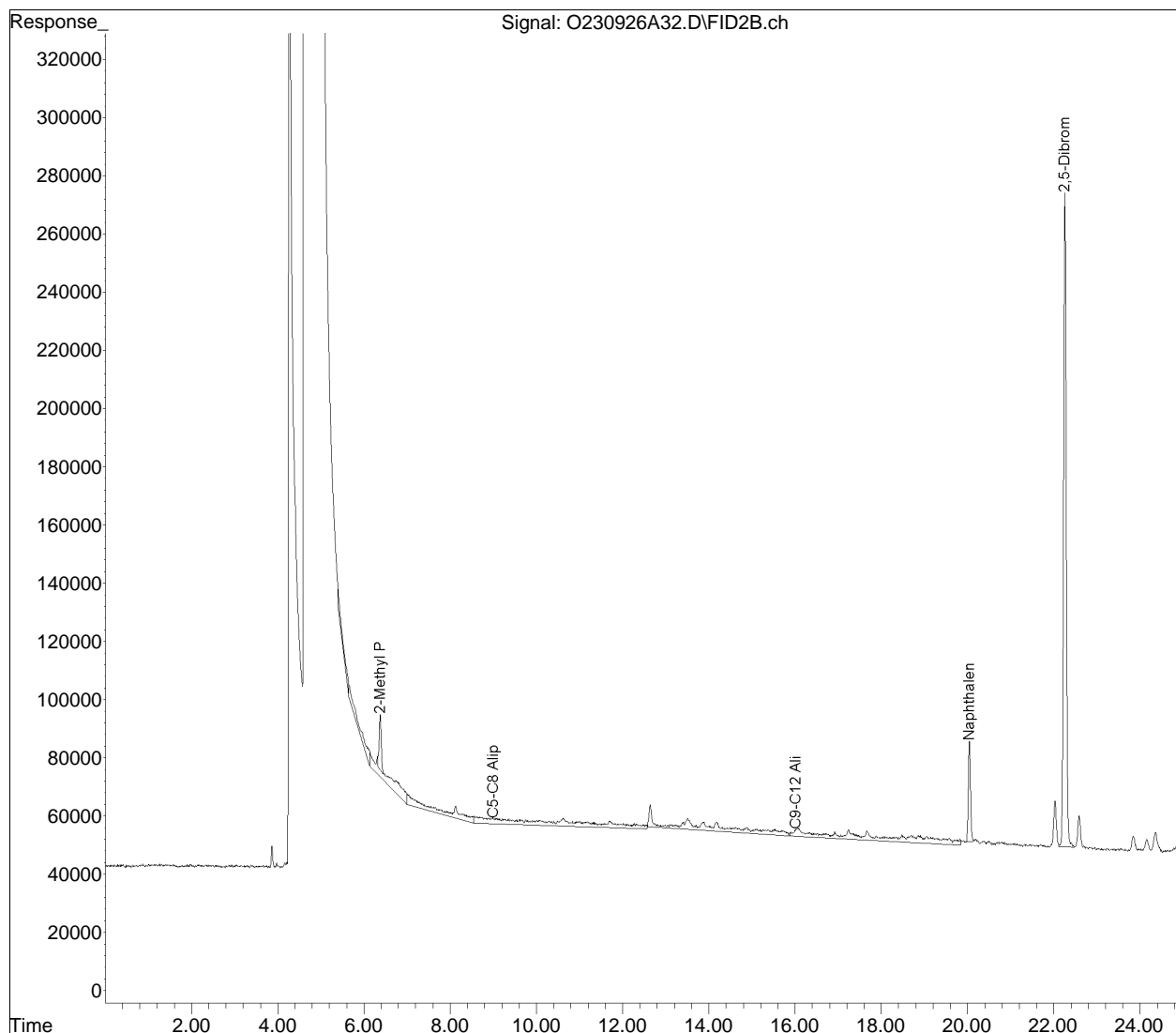
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A32.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 4:16 am
Operator : OVPH:BAD
Sample : L2353839-03,41,15,19.91,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 32 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:26 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



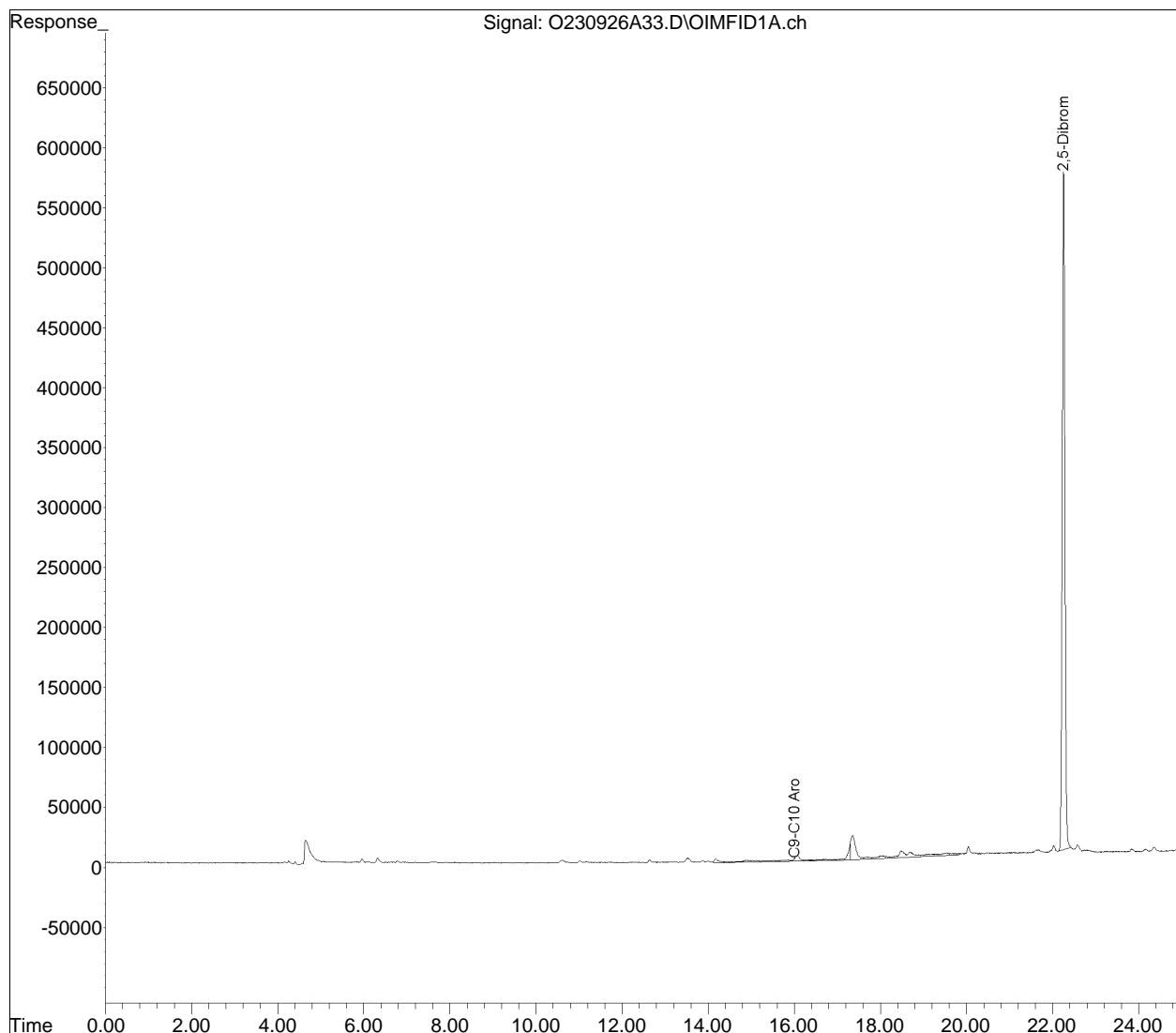
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A33.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 4:46 am
Operator : OVPH:BAD
Sample : L2353839-04,41,15,17.26,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:21 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



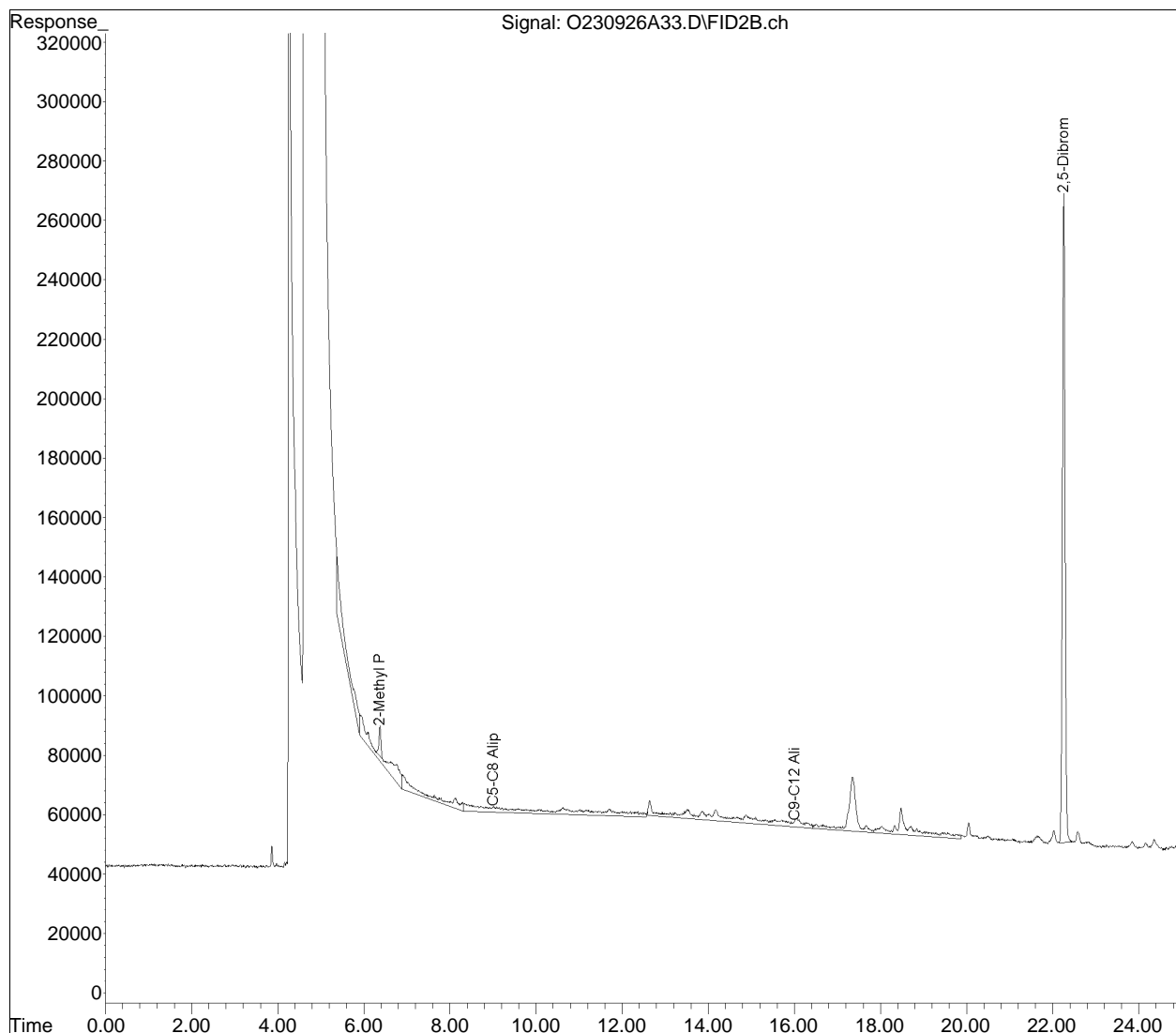
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A33.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 4:46 am
Operator : OVPH:BAD
Sample : L2353839-04,41,15,17.26,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 33 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:28 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



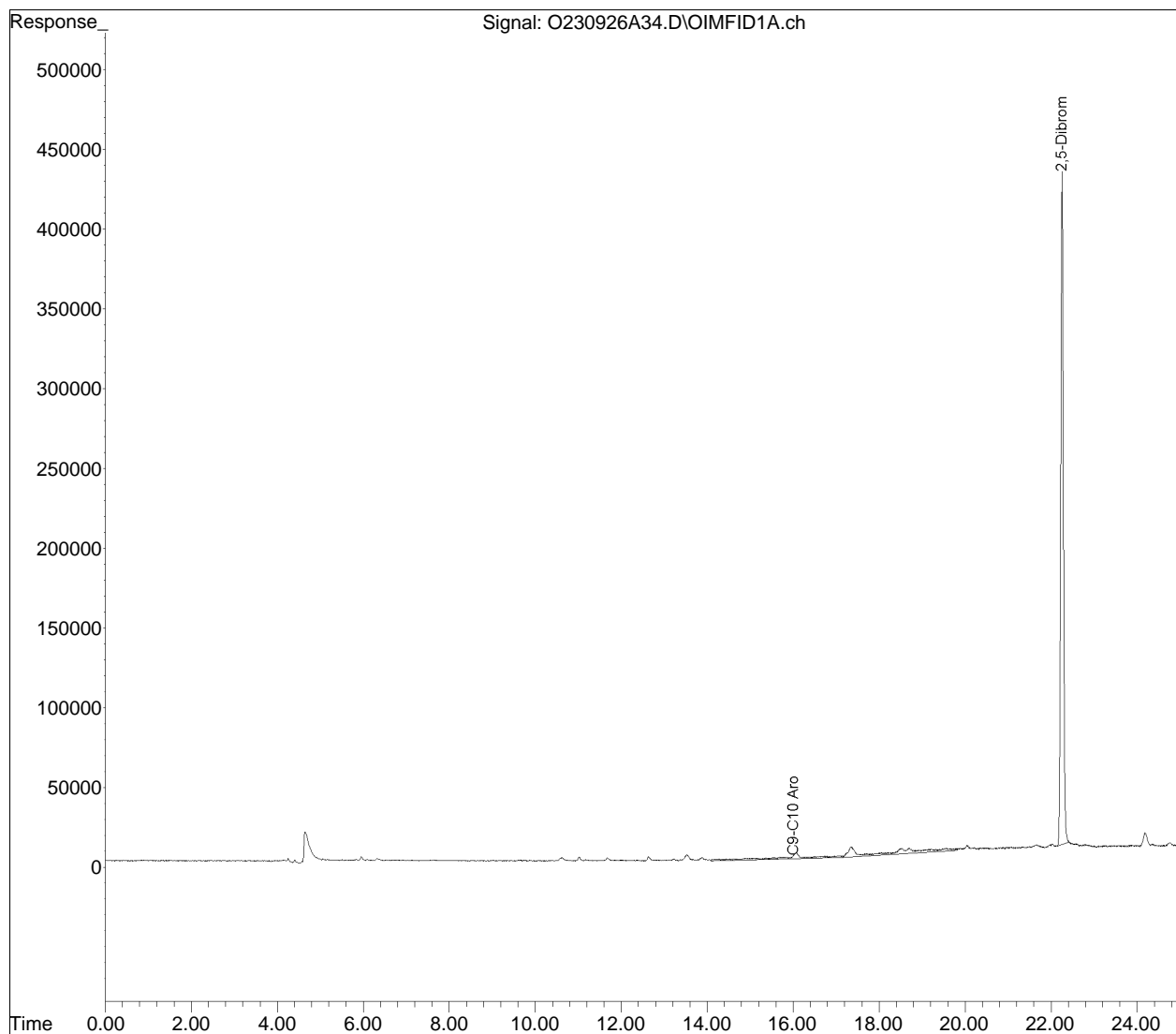
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A34.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 5:16 am
Operator : OVPH:BAD
Sample : L2353839-05,41,15,25.16,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:23 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



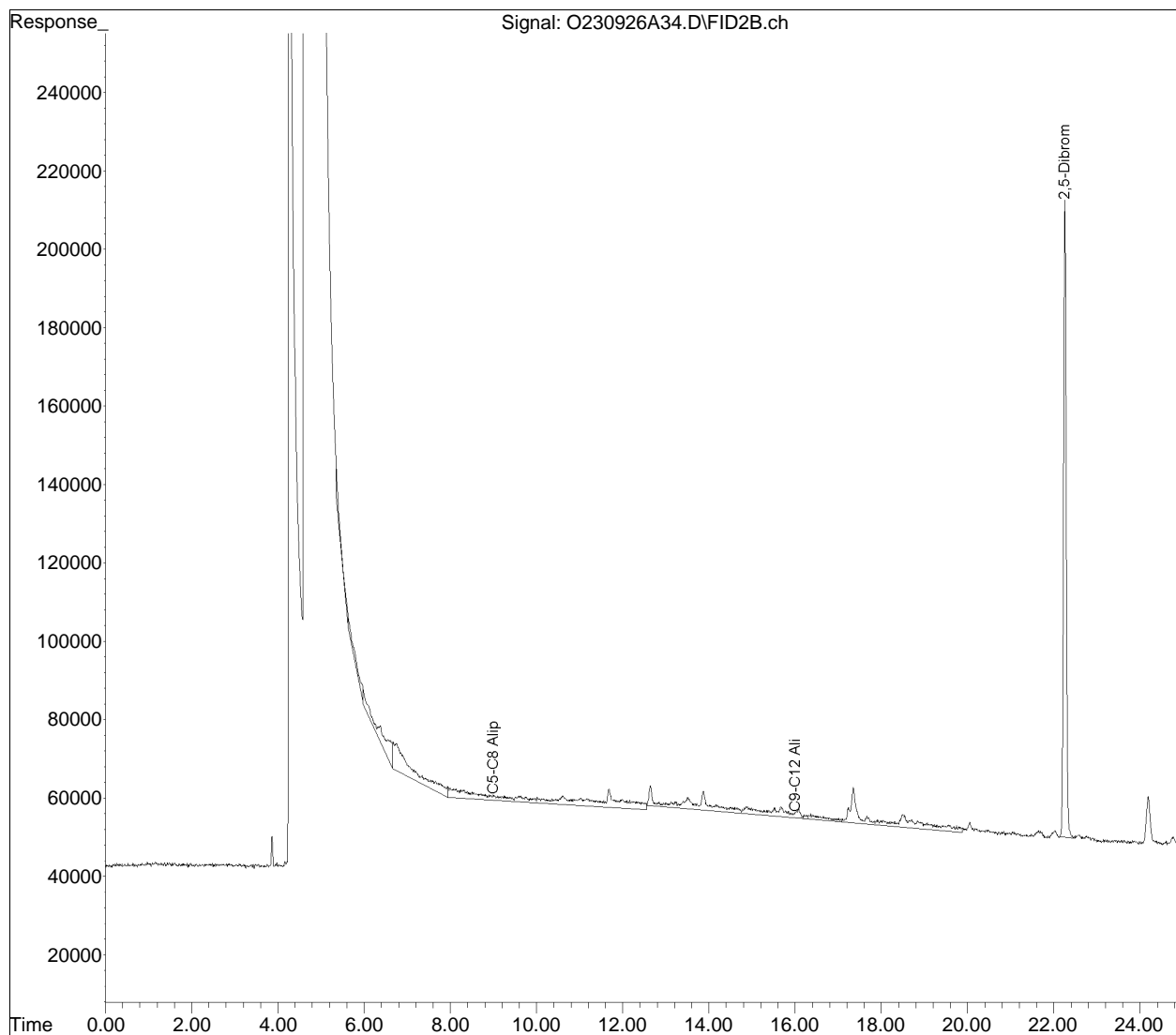
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A34.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 5:16 am
Operator : OVPH:BAD
Sample : L2353839-05,41,15,25.16,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 34 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:30 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



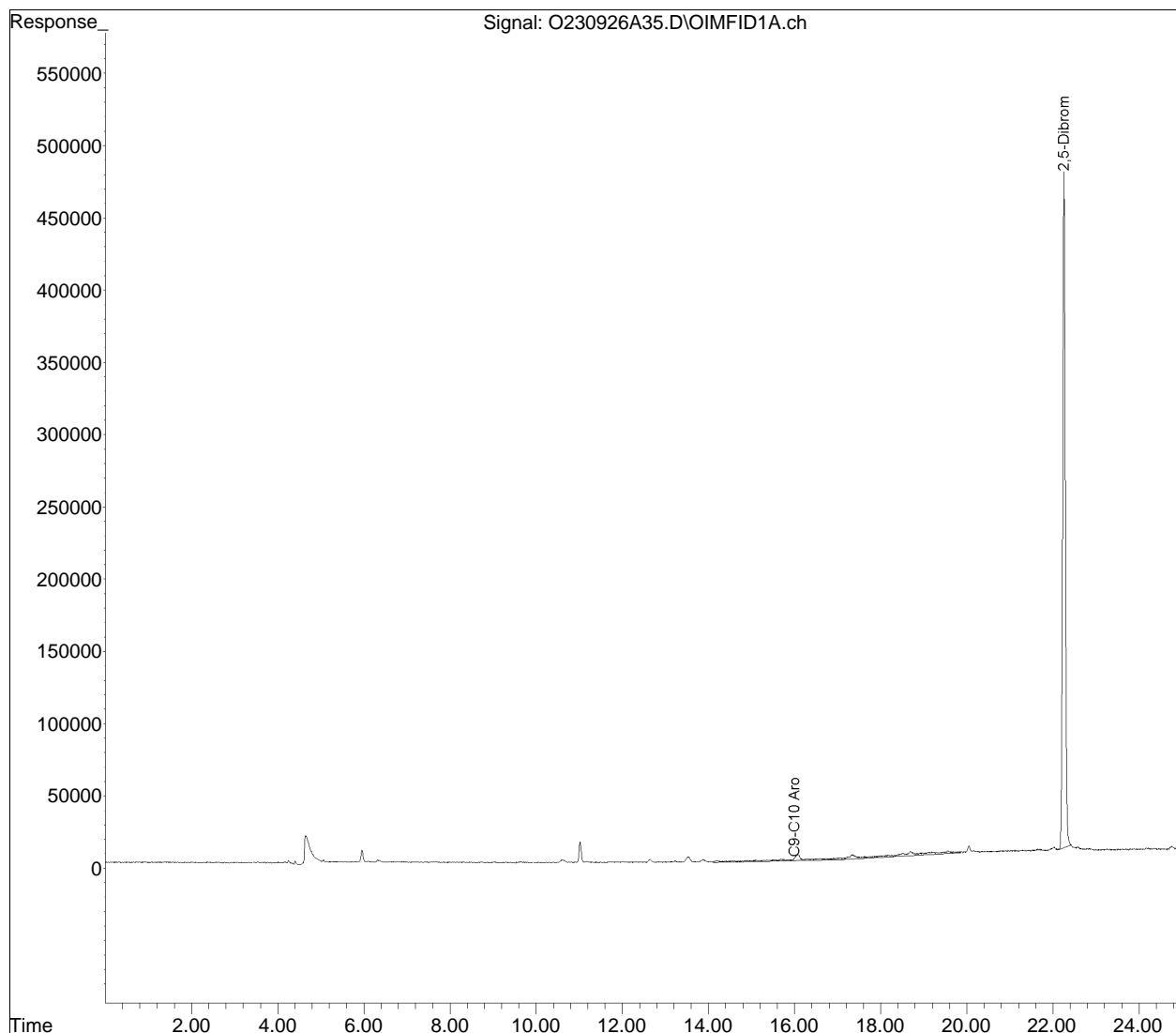
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A35.D
Signal(s) : OIMFID1A.ch
Acq On : 27 Sep 2023 5:47 am
Operator : OVPH:BAD
Sample : L2353839-06,41,15,26.48,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:25 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



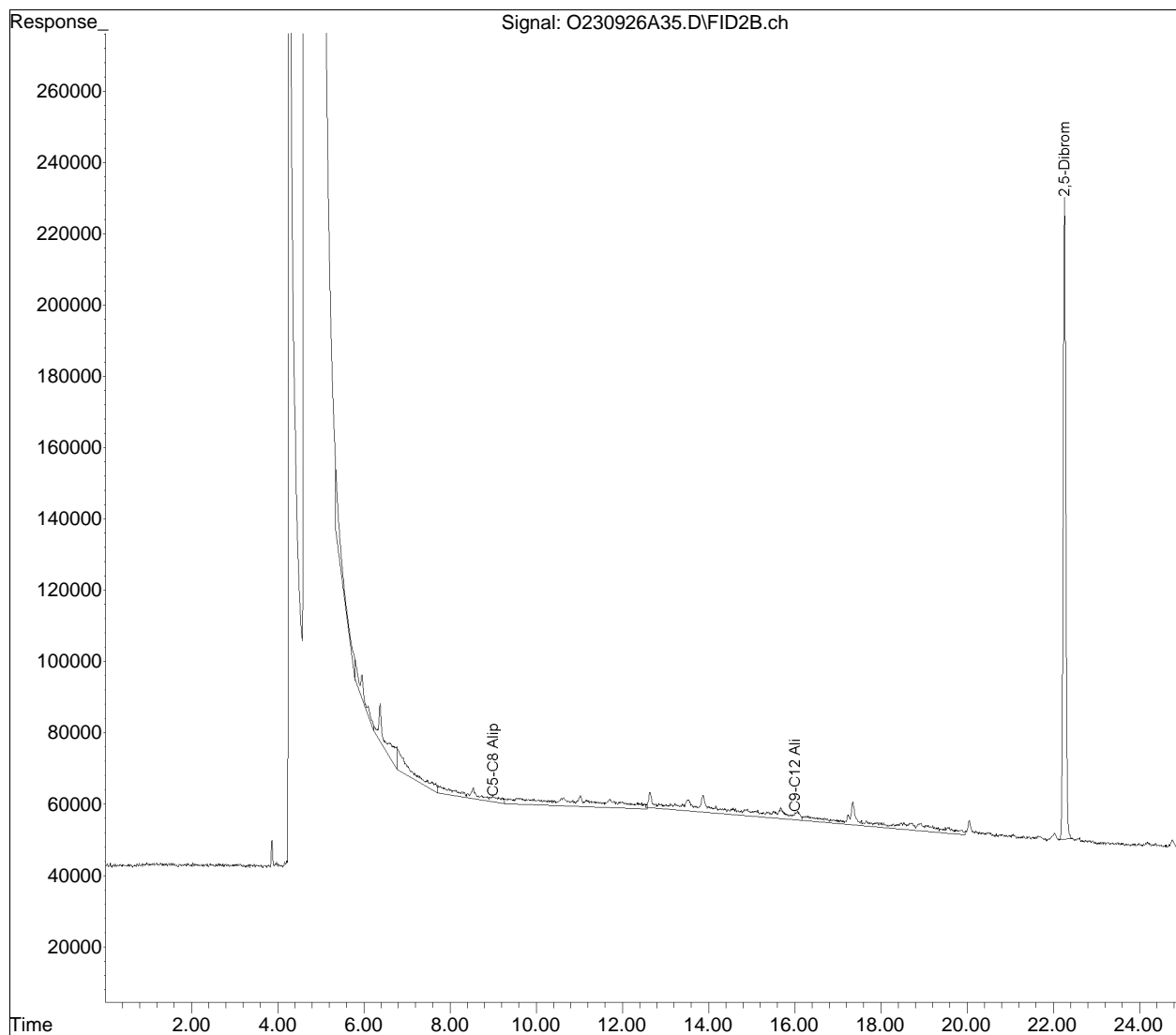
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A35.D
Signal(s) : FID2B.ch
Acq On : 27 Sep 2023 5:47 am
Operator : OVPH:BAD
Sample : L2353839-06,41,15,26.48,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 35 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:32 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 25, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,

Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134338 CLIENT PROJECT ID: L2353839

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353839
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134338
 Date Sampled: 9/14/2023
 Date Received: 9/18/2023
 Date Analyzed: 9/25/2023
 Date of Report: 9/25/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-403	N/A	0	0	0	0	0	0	0	0	<1	0	0	0	100

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-404	N/A	0	0	0	0	0	0	0	0	3	0	0	0	97

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-414	N/A	0	0	0	0	0	0	0	0	2	0	0	0	98

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-415	N/A	0	0	0	0	0	0	0	0	<1	0	0	0	100

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-417	N/A	<1	0	0	0	0	0	0	0	3	0	0	0	97

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-418	N/A	0	2	0	0	0	0	0	0	2	0	0	0	96

Description: Soil
 Location: N/A
 Comments:

Analyzed: Yes

Aerobiology Laboratory Associates, Inc.

Client #: 1497
Client Project: L2353839
Client Reference: ME
Client Name: Alpha Analytical - Westborough
Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134338
Date Sampled: 9/14/2023
Date Received: 9/18/2023
Date Analyzed: 9/25/2023
Date of Report: 9/25/2023

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite

Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage



Thomas Pickett, Analyst

Client Name: Alpha Analytical - Westborough
Client Project #: L2353839
Client Reference: N/A ME

Batch: S 134338
Date Received: 9/18/2023
Date Due: 9/25/2023
Stop on first pos: Yes or No

Batch: S 134338

Sample ID	Description	Analyst	Stereo Scope				Optical Properties					RI		Asbestos Percent					Non-Asbestos Percent									
			SSAPE	Color	Homogeneity	Texture	Frangible	Morphology	Extinction	Elongation	Sign of	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
1 SD-403	Soil	TP	0	N/A		→																FW						
2 SD-404	Soil		0	N/A		→																FW					100	
3 SD-414	Soil		9	N/A		→																	FW					97
4 SD-415	Soil		9	N/A		→																	FW					98
5 SD-417	Soil		9	N/A		→																	FW					100
6 SD-418	Soil		0	N/A		→																	FW					97
																							FW					96

Analyzed By / Date: [Signature] 9-25-23

QC By / Date: [Signature] 9/25/23

Fax, Email, Verbal Results By / Date:

of Samples: 6

Comments:

Subcontract Chain of Custody



Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

Alpha Job Number
L2353839

5134338

Client Information	Project Information	Regulatory Requirements/Report Limits
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Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com	Project Location: ME Project Manager: Graham Parker Turnaround & Deliverables Information Due Date: Deliverables:	State/Federal Program: Regulatory Criteria:
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Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2353839	Report to include Method Blank, LCS/LCSD:
Additional Comments: Send all results/reports to subreports@alphalab.com	

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SD-403	09-14-23 11:20	SOIL	Asbestos-PLM	
	SD-404	09-14-23 11:40	SOIL	Asbestos-PLM	
	SD-414	09-14-23 12:29	SOIL	Asbestos-PLM	
	SD-415	09-14-23 13:10	SOIL	Asbestos-PLM	
	SD-417	09-14-23 13:55	SOIL	Asbestos-PLM	
	SD-418	09-14-23 14:12	SOIL	Asbestos-PLM	

Relinquished By:	Date/Time: 9/18/23	Received By:	Date/Time: 9/18/23 0945
	9/18/23 1045		9/18/23 10:45

Form No: AL_subcoc



ANALYTICAL REPORT

Lab Number:	L2353871
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	09/28/23

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2353871-01	SD-409	SOIL	WISCASSETT MAINE	09/13/23 15:40	09/14/23
L2353871-02	SD-DUP-01	SOIL	WISCASSETT MAINE	09/13/23 15:50	09/14/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

L2353871-01 and -02: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to excessive sample weight. A High Level analysis was performed and reported.

The WG1832531-3 LCS recoveries, associated with L2353871-01, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated samples are reported; however, all results are considered to have a potentially high bias for dichlorodifluoromethane (149%) and a potentially low bias for 2-hexanone (68%).

Semivolatile Organics by SIM

The WG1828959-2/-3 LCS/LCSD recoveries, associated with L2353871-01 and -02, are above the individual acceptance criteria for pentachlorophenol (111%/119%), but within the overall method allowances. The results of the associated samples are reported; however, all positive detects for these compounds are considered to have a potentially high bias.

The surrogate recovery for the WG1828959-3 LCSD, associated with L2353871-01 and -02, is outside the acceptance criteria for nitrobenzene-d5 (127%). The LCSD spike compounds are within overall method allowances; therefore, no further action was taken.

VPH

L2353871-01 and -02: The sample was outside the recommended 1:1 methanol:soil ratio due to the amount of soil provided in the sample vial.

Project Name: MASON STATION
Project Number: Not Specified


Lab Number: L2353871
Report Date: 09/28/23

Case Narrative (continued)

L2353871-02: The surrogate recoveries are above the acceptance criteria for 2,5-dibromotoluene-pid (219%) and 2,5-dibromotoluene-fid (220%). Since the sample was non-detect for all associated target analytes, re-analysis was not required.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Caitlin Walukevich

Title: Technical Director/Representative

Date: 09/28/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/24/23 19:46
 Analyst: AJK
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	230	100	1
1,1-Dichloroethane	ND		ug/kg	45	6.6	1
Chloroform	ND		ug/kg	68	6.3	1
Carbon tetrachloride	ND		ug/kg	45	10.	1
1,2-Dichloropropane	ND		ug/kg	45	5.6	1
Dibromochloromethane	ND		ug/kg	45	6.3	1
1,1,2-Trichloroethane	ND		ug/kg	45	12.	1
Tetrachloroethene	ND		ug/kg	23	8.9	1
Chlorobenzene	ND		ug/kg	23	5.7	1
Trichlorofluoromethane	ND		ug/kg	180	31.	1
1,2-Dichloroethane	ND		ug/kg	45	12.	1
1,1,1-Trichloroethane	ND		ug/kg	23	7.6	1
Bromodichloromethane	ND		ug/kg	23	4.9	1
1,1-Dichloropropene	ND		ug/kg	23	7.2	1
Bromoform	ND		ug/kg	180	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	7.5	1
Benzene	ND		ug/kg	23	7.5	1
Toluene	ND		ug/kg	45	24.	1
Ethylbenzene	ND		ug/kg	45	6.4	1
Chloromethane	ND		ug/kg	180	42.	1
Bromomethane	ND		ug/kg	90	26.	1
Vinyl chloride	ND		ug/kg	45	15.	1
Chloroethane	ND		ug/kg	90	20.	1
1,1-Dichloroethene	ND		ug/kg	45	11.	1
trans-1,2-Dichloroethene	ND		ug/kg	68	6.2	1
Trichloroethene	ND		ug/kg	23	6.2	1
1,2-Dichlorobenzene	ND		ug/kg	90	6.5	1
1,3-Dichlorobenzene	ND		ug/kg	90	6.7	1

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	90	7.7	1
Methyl tert butyl ether	ND		ug/kg	90	9.1	1
p/m-Xylene	ND		ug/kg	90	25.	1
o-Xylene	ND		ug/kg	45	13.	1
Xylenes, Total	ND		ug/kg	45	13.	1
cis-1,2-Dichloroethene	ND		ug/kg	45	7.9	1
1,2-Dichloroethene, Total	ND		ug/kg	45	6.2	1
Dibromomethane	ND		ug/kg	90	11.	1
1,2,3-Trichloropropane	ND		ug/kg	90	5.7	1
Styrene	ND		ug/kg	45	8.9	1
Dichlorodifluoromethane	ND		ug/kg	450	41.	1
Acetone	ND		ug/kg	450	220	1
Carbon disulfide	ND		ug/kg	450	200	1
2-Butanone	ND		ug/kg	450	100	1
4-Methyl-2-pentanone	ND		ug/kg	450	58.	1
2-Hexanone	ND		ug/kg	450	53.	1
Bromochloromethane	ND		ug/kg	90	9.3	1
Tetrahydrofuran	ND		ug/kg	180	72.	1
2,2-Dichloropropane	ND		ug/kg	90	9.1	1
1,2-Dibromoethane	ND		ug/kg	45	13.	1
1,3-Dichloropropane	ND		ug/kg	90	7.6	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	23	6.0	1
Bromobenzene	ND		ug/kg	90	6.6	1
n-Butylbenzene	ND		ug/kg	45	7.6	1
sec-Butylbenzene	ND		ug/kg	45	6.6	1
tert-Butylbenzene	ND		ug/kg	90	5.3	1
1,3,5-Trichlorobenzene	ND		ug/kg	90	7.8	1
o-Chlorotoluene	ND		ug/kg	90	8.6	1
p-Chlorotoluene	ND		ug/kg	90	4.9	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	140	45.	1
Hexachlorobutadiene	ND		ug/kg	180	7.6	1
Isopropylbenzene	ND		ug/kg	45	4.9	1
p-Isopropyltoluene	36	J	ug/kg	45	4.9	1
Naphthalene	ND		ug/kg	180	29.	1
n-Propylbenzene	ND		ug/kg	45	7.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	90	14.	1
1,2,4-Trichlorobenzene	ND		ug/kg	90	12.	1

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	90	8.7	1
1,2,4-Trimethylbenzene	ND		ug/kg	90	15.	1
Ethyl ether	ND		ug/kg	90	15.	1
Diisopropyl Ether	ND		ug/kg	90	9.6	1
Tert-Butyl Alcohol	ND		ug/kg	900	230	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	90	5.8	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	90	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	125		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	117		70-130

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8260D
 Analytical Date: 09/26/23 01:31
 Analyst: LAC
 Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	310	140	1
1,1-Dichloroethane	ND		ug/kg	62	9.0	1
Chloroform	ND		ug/kg	93	8.6	1
Carbon tetrachloride	ND		ug/kg	62	14.	1
1,2-Dichloropropane	ND		ug/kg	62	7.7	1
Dibromochloromethane	ND		ug/kg	62	8.6	1
1,1,2-Trichloroethane	ND		ug/kg	62	16.	1
Tetrachloroethene	ND		ug/kg	31	12.	1
Chlorobenzene	ND		ug/kg	31	7.8	1
Trichlorofluoromethane	ND		ug/kg	250	43.	1
1,2-Dichloroethane	ND		ug/kg	62	16.	1
1,1,1-Trichloroethane	ND		ug/kg	31	10.	1
Bromodichloromethane	ND		ug/kg	31	6.7	1
1,1-Dichloropropene	ND		ug/kg	31	9.8	1
Bromoform	ND		ug/kg	250	15.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	31	10.	1
Benzene	ND		ug/kg	31	10.	1
Toluene	ND		ug/kg	62	34.	1
Ethylbenzene	ND		ug/kg	62	8.7	1
Chloromethane	ND		ug/kg	250	58.	1
Bromomethane	ND		ug/kg	120	36.	1
Vinyl chloride	ND		ug/kg	62	21.	1
Chloroethane	ND		ug/kg	120	28.	1
1,1-Dichloroethene	ND		ug/kg	62	15.	1
trans-1,2-Dichloroethene	ND		ug/kg	93	8.4	1
Trichloroethene	ND		ug/kg	31	8.4	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.9	1
1,3-Dichlorobenzene	ND		ug/kg	120	9.1	1

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	ND		ug/kg	120	34.	1
o-Xylene	ND		ug/kg	62	18.	1
Xylenes, Total	ND		ug/kg	62	18.	1
cis-1,2-Dichloroethene	ND		ug/kg	62	11.	1
1,2-Dichloroethene, Total	ND		ug/kg	62	8.4	1
Dibromomethane	ND		ug/kg	120	15.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.8	1
Styrene	ND		ug/kg	62	12.	1
Dichlorodifluoromethane	ND		ug/kg	620	56.	1
Acetone	ND		ug/kg	620	300	1
Carbon disulfide	ND		ug/kg	620	280	1
2-Butanone	ND		ug/kg	620	140	1
4-Methyl-2-pentanone	ND		ug/kg	620	79.	1
2-Hexanone	ND		ug/kg	620	73.	1
Bromochloromethane	ND		ug/kg	120	13.	1
Tetrahydrofuran	ND		ug/kg	250	98.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	62	17.	1
1,3-Dichloropropane	ND		ug/kg	120	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	31	8.2	1
Bromobenzene	ND		ug/kg	120	9.0	1
n-Butylbenzene	ND		ug/kg	62	10.	1
sec-Butylbenzene	ND		ug/kg	62	9.0	1
tert-Butylbenzene	ND		ug/kg	120	7.3	1
1,3,5-Trichlorobenzene	ND		ug/kg	120	11.	1
o-Chlorotoluene	ND		ug/kg	120	12.	1
p-Chlorotoluene	ND		ug/kg	120	6.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	62.	1
Hexachlorobutadiene	ND		ug/kg	250	10.	1
Isopropylbenzene	ND		ug/kg	62	6.7	1
p-Isopropyltoluene	ND		ug/kg	62	6.7	1
Naphthalene	ND		ug/kg	250	40.	1
n-Propylbenzene	ND		ug/kg	62	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	17.	1

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3,5-Trimethylbenzene	ND		ug/kg	120	12.	1
1,2,4-Trimethylbenzene	ND		ug/kg	120	21.	1
Ethyl ether	ND		ug/kg	120	21.	1
Diisopropyl Ether	ND		ug/kg	120	13.	1
Tert-Butyl Alcohol	ND		ug/kg	1200	320	1
Ethyl-Tert-Butyl-Ether	ND		ug/kg	120	7.9	1
Tertiary-Amyl Methyl Ether	ND		ug/kg	120	11.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	92		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832201-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832201-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/25/23 21:26
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02 Batch: WG1832201-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	92		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1832531-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1832531-5					
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
Tetrahydrofuran	ND		ug/kg	200	80.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,3,5-Trichlorobenzene	ND		ug/kg	100	8.6
o-Chlorotoluene	ND		ug/kg	100	9.6
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/24/23 14:34
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 01 Batch: WG1832531-5					
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Ethyl ether	ND		ug/kg	100	17.
Diisopropyl Ether	ND		ug/kg	100	11.
Tert-Butyl Alcohol	ND		ug/kg	1000	260
Ethyl-Tert-Butyl-Ether	ND		ug/kg	100	6.4
Tertiary-Amyl Methyl Ether	ND		ug/kg	100	8.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832201-3 WG1832201-4								
Methylene chloride	82		82		70-130	0		30
1,1-Dichloroethane	82		83		70-130	1		30
Chloroform	86		86		70-130	0		30
Carbon tetrachloride	86		87		70-130	1		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	98		99		70-130	1		30
1,1,2-Trichloroethane	90		89		70-130	1		30
Tetrachloroethene	94		95		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	85		84		70-139	1		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	84		86		70-130	2		30
Bromodichloromethane	89		88		70-130	1		30
1,1-Dichloropropene	86		87		70-130	1		30
Bromoform	90		90		70-130	0		30
1,1,2,2-Tetrachloroethane	87		88		70-130	1		30
Benzene	89		90		70-130	1		30
Toluene	86		87		70-130	1		30
Ethylbenzene	89		89		70-130	0		30
Chloromethane	70		70		52-130	0		30
Bromomethane	82		85		57-147	4		30
Vinyl chloride	75		76		67-130	1		30
Chloroethane	85		82		50-151	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832201-3 WG1832201-4								
1,1-Dichloroethene	78		80		65-135	3		30
trans-1,2-Dichloroethene	83		84		70-130	1		30
Trichloroethene	91		92		70-130	1		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	99		100		70-130	1		30
1,4-Dichlorobenzene	99		99		70-130	0		30
Methyl tert butyl ether	93		94		66-130	1		30
p/m-Xylene	93		94		70-130	1		30
o-Xylene	94		95		70-130	1		30
cis-1,2-Dichloroethene	87		88		70-130	1		30
Dibromomethane	91		92		70-130	1		30
1,2,3-Trichloropropane	88		91		68-130	3		30
Styrene	94		94		70-130	0		30
Dichlorodifluoromethane	66		67		30-146	2		30
Acetone	66		66		54-140	0		30
Carbon disulfide	77		77		59-130	0		30
2-Butanone	77		76		70-130	1		30
4-Methyl-2-pentanone	76		77		70-130	1		30
2-Hexanone	77		77		70-130	0		30
Bromochloromethane	98		98		70-130	0		30
Tetrahydrofuran	81		79		66-130	3		30
2,2-Dichloropropane	80		80		70-130	0		30
1,2-Dibromoethane	96		99		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832201-3 WG1832201-4								
1,3-Dichloropropane	93		94		69-130	1		30
1,1,1,2-Tetrachloroethane	99		101		70-130	2		30
Bromobenzene	96		97		70-130	1		30
n-Butylbenzene	90		92		70-130	2		30
sec-Butylbenzene	90		91		70-130	1		30
tert-Butylbenzene	90		92		70-130	2		30
1,3,5-Trichlorobenzene	99		100		70-139	1		30
o-Chlorotoluene	92		91		70-130	1		30
p-Chlorotoluene	90		91		70-130	1		30
1,2-Dibromo-3-chloropropane	84		87		68-130	4		30
Hexachlorobutadiene	91		93		67-130	2		30
Isopropylbenzene	89		90		70-130	1		30
p-Isopropyltoluene	92		93		70-130	1		30
Naphthalene	98		99		70-130	1		30
n-Propylbenzene	88		88		70-130	0		30
1,2,3-Trichlorobenzene	100		102		70-130	2		30
1,2,4-Trichlorobenzene	101		101		70-130	0		30
1,3,5-Trimethylbenzene	91		91		70-130	0		30
1,2,4-Trimethylbenzene	92		94		70-130	2		30
Ethyl ether	92		94		67-130	2		30
Diisopropyl Ether	81		82		66-130	1		30
Tert-Butyl Alcohol	74		75		70-130	1		30
Ethyl-Tert-Butyl-Ether	84		84		70-130	0		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02 Batch: WG1832201-3 WG1832201-4								
Tertiary-Amyl Methyl Ether	90		90		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	94		96		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1832531-3 WG1832531-4								
Methylene chloride	102		94		70-130	8		30
1,1-Dichloroethane	105		97		70-130	8		30
Chloroform	91		84		70-130	8		30
Carbon tetrachloride	99		95		70-130	4		30
1,2-Dichloropropane	97		94		70-130	3		30
Dibromochloromethane	109		104		70-130	5		30
1,1,2-Trichloroethane	103		100		70-130	3		30
Tetrachloroethene	120		110		70-130	9		30
Chlorobenzene	106		97		70-130	9		30
Trichlorofluoromethane	122		109		70-139	11		30
1,2-Dichloroethane	99		97		70-130	2		30
1,1,1-Trichloroethane	102		93		70-130	9		30
Bromodichloromethane	98		95		70-130	3		30
1,1-Dichloropropene	99		94		70-130	5		30
Bromoform	91		91		70-130	0		30
1,1,1,2-Tetrachloroethane	78		79		70-130	1		30
Benzene	102		96		70-130	6		30
Toluene	103		94		70-130	9		30
Ethylbenzene	103		94		70-130	9		30
Chloromethane	121		104		52-130	15		30
Bromomethane	106		93		57-147	13		30
Vinyl chloride	121		105		67-130	14		30
Chloroethane	108		96		50-151	12		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1832531-3 WG1832531-4								
1,1-Dichloroethene	113		103		65-135	9		30
trans-1,2-Dichloroethene	110		100		70-130	10		30
Trichloroethene	112		108		70-130	4		30
1,2-Dichlorobenzene	98		95		70-130	3		30
1,3-Dichlorobenzene	102		98		70-130	4		30
1,4-Dichlorobenzene	101		97		70-130	4		30
Methyl tert butyl ether	105		103		66-130	2		30
p/m-Xylene	112		102		70-130	9		30
o-Xylene	110		101		70-130	9		30
cis-1,2-Dichloroethene	102		84		70-130	19		30
Dibromomethane	98		97		70-130	1		30
1,2,3-Trichloropropane	77		78		68-130	1		30
Styrene	113		104		70-130	8		30
Dichlorodifluoromethane	149	Q	131		30-146	13		30
Acetone	73		80		54-140	9		30
Carbon disulfide	112		100		59-130	11		30
2-Butanone	70		76		70-130	8		30
4-Methyl-2-pentanone	73		80		70-130	9		30
2-Hexanone	68	Q	72		70-130	6		30
Bromochloromethane	98		93		70-130	5		30
Tetrahydrofuran	75		86		66-130	14		30
2,2-Dichloropropane	105		81		70-130	26		30
1,2-Dibromoethane	106		104		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery		RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	RPD	Qual	Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1832531-3 WG1832531-4								
1,3-Dichloropropane	98		93		69-130	5		30
1,1,1,2-Tetrachloroethane	116		107		70-130	8		30
Bromobenzene	101		96		70-130	5		30
n-Butylbenzene	98		93		70-130	5		30
sec-Butylbenzene	98		94		70-130	4		30
tert-Butylbenzene	96		92		70-130	4		30
1,3,5-Trichlorobenzene	110		104		70-139	6		30
o-Chlorotoluene	115		108		70-130	6		30
p-Chlorotoluene	94		90		70-130	4		30
1,2-Dibromo-3-chloropropane	88		95		68-130	8		30
Hexachlorobutadiene	110		108		67-130	2		30
Isopropylbenzene	93		89		70-130	4		30
p-Isopropyltoluene	100		97		70-130	3		30
Naphthalene	83		88		70-130	6		30
n-Propylbenzene	93		89		70-130	4		30
1,2,3-Trichlorobenzene	107		107		70-130	0		30
1,2,4-Trichlorobenzene	108		104		70-130	4		30
1,3,5-Trimethylbenzene	99		94		70-130	5		30
1,2,4-Trimethylbenzene	100		95		70-130	5		30
Ethyl ether	105		102		67-130	3		30
Diisopropyl Ether	103		99		66-130	4		30
Tert-Butyl Alcohol	79		85		70-130	7		30
Ethyl-Tert-Butyl-Ether	104		100		70-130	4		30

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 01 Batch: WG1832531-3 WG1832531-4								
Tertiary-Amyl Methyl Ether	92		93		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		94		70-130
Toluene-d8	97		95		70-130
4-Bromofluorobenzene	87		88		70-130
Dibromofluoromethane	96		95		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 08:54
 Analyst: MG
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	660	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
1,2-Dichlorobenzene	ND		ug/kg	200	36.	1
1,3-Dichlorobenzene	ND		ug/kg	200	34.	1
1,4-Dichlorobenzene	ND		ug/kg	200	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Azobenzene	ND		ug/kg	200	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Biphenyl	ND		ug/kg	460	26.	1
Aniline	ND		ug/kg	240	94.	1
4-Chloroaniline	ND		ug/kg	200	36.	1

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	ND		ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	400	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Benzoic Acid	ND		ug/kg	650	200	1
Benzyl Alcohol	ND		ug/kg	200	61.	1
Carbazole	26	J	ug/kg	200	19.	1
Pyridine	ND		ug/kg	220	76.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	90		25-120
Phenol-d6	92		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	116		10-136
4-Terphenyl-d14	64		18-120

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 17:24
 Analyst: DV
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	34		ug/kg	8.0	1.7	1
2-Chloronaphthalene	ND		ug/kg	8.0	1.0	1
Fluoranthene	760		ug/kg	8.0	0.56	1
Hexachlorobutadiene	ND		ug/kg	8.0	1.1	1
Naphthalene	4.4	J	ug/kg	8.0	1.4	1
Benzo(a)anthracene	380		ug/kg	8.0	0.76	1
Benzo(a)pyrene	250		ug/kg	8.0	0.96	1
Benzo(b)fluoranthene	350		ug/kg	8.0	0.76	1
Benzo(k)fluoranthene	91		ug/kg	8.0	0.72	1
Chrysene	400		ug/kg	8.0	0.60	1
Acenaphthylene	13		ug/kg	8.0	1.0	1
Anthracene	220		ug/kg	8.0	0.64	1
Benzo(ghi)perylene	460		ug/kg	8.0	0.68	1
Fluorene	35		ug/kg	8.0	0.96	1
Phenanthrene	370		ug/kg	8.0	0.68	1
Dibenzo(a,h)anthracene	72		ug/kg	8.0	0.80	1
Indeno(1,2,3-cd)Pyrene	430		ug/kg	8.0	0.96	1
Pyrene	600		ug/kg	8.0	0.56	1
1-Methylnaphthalene	3.6	J	ug/kg	8.0	1.2	1
2-Methylnaphthalene	4.3	J	ug/kg	8.0	2.3	1
Pentachlorophenol	ND		ug/kg	32	3.5	1
Hexachlorobenzene	ND		ug/kg	8.0	0.84	1
Hexachloroethane	ND		ug/kg	8.0	1.5	1

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01

Date Collected: 09/13/23 15:40

Client ID: SD-409

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	99		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	81		18-120

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E
 Analytical Date: 09/20/23 09:18
 Analyst: MG
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 23:59

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/kg	670	220	1
1,2,4-Trichlorobenzene	ND		ug/kg	200	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
1,2-Dichlorobenzene	ND		ug/kg	200	37.	1
1,3-Dichlorobenzene	ND		ug/kg	200	35.	1
1,4-Dichlorobenzene	ND		ug/kg	200	36.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Azobenzene	ND		ug/kg	200	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Isophorone	ND		ug/kg	180	26.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	71.	1
Butyl benzyl phthalate	ND		ug/kg	200	52.	1
Di-n-butylphthalate	ND		ug/kg	200	39.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Biphenyl	ND		ug/kg	470	26.	1
Aniline	ND		ug/kg	240	96.	1
4-Chloroaniline	ND		ug/kg	200	37.	1

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	85.	1
Dibenzofuran	ND		ug/kg	200	19.	1
n-Nitrosodimethylamine	ND		ug/kg	410	39.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	77.	1
4-Nitrophenol	ND		ug/kg	290	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Benzoic Acid	ND		ug/kg	660	210	1
Benzyl Alcohol	ND		ug/kg	200	62.	1
Carbazole	20	J	ug/kg	200	20.	1
Pyridine	ND		ug/kg	220	78.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	73		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/20/23 17:41
 Analyst: DV
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 09/19/23 00:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/kg	8.2	1.7	1
2-Chloronaphthalene	ND		ug/kg	8.2	1.1	1
Fluoranthene	210		ug/kg	8.2	0.57	1
Hexachlorobutadiene	ND		ug/kg	8.2	1.1	1
Naphthalene	5.8	J	ug/kg	8.2	1.5	1
Benzo(a)anthracene	110		ug/kg	8.2	0.78	1
Benzo(a)pyrene	97		ug/kg	8.2	0.98	1
Benzo(b)fluoranthene	160		ug/kg	8.2	0.78	1
Benzo(k)fluoranthene	56		ug/kg	8.2	0.74	1
Chrysene	110		ug/kg	8.2	0.61	1
Acenaphthylene	13		ug/kg	8.2	1.0	1
Anthracene	42		ug/kg	8.2	0.65	1
Benzo(ghi)perylene	65		ug/kg	8.2	0.69	1
Fluorene	17		ug/kg	8.2	0.98	1
Phenanthrene	150		ug/kg	8.2	0.69	1
Dibenzo(a,h)anthracene	14		ug/kg	8.2	0.82	1
Indeno(1,2,3-cd)Pyrene	68		ug/kg	8.2	0.98	1
Pyrene	170		ug/kg	8.2	0.57	1
1-Methylnaphthalene	4.6	J	ug/kg	8.2	1.3	1
2-Methylnaphthalene	5.5	J	ug/kg	8.2	2.3	1
Pentachlorophenol	ND		ug/kg	33	3.6	1
Hexachlorobenzene	ND		ug/kg	8.2	0.86	1
Hexachloroethane	ND		ug/kg	8.2	1.5	1

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	98		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828957-1					
Acenaphthene	ND		ug/kg	130	17.
Benzidine	ND		ug/kg	540	180
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Azobenzene	ND		ug/kg	160	16.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828957-1					
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
Aniline	ND		ug/kg	200	77.
4-Chloroaniline	ND		ug/kg	160	30.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
n-Nitrosodimethylamine	ND		ug/kg	330	32.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/20/23 02:54
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1828957-1					
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Pyridine	ND		ug/kg	180	62.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	98		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	96		18-120

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1828959-1					
Acenaphthene	ND		ug/kg	6.6	1.4
2-Chloronaphthalene	ND		ug/kg	6.6	0.85
Fluoranthene	2.6	J	ug/kg	6.6	0.46
Hexachlorobutadiene	ND		ug/kg	6.6	0.92
Naphthalene	ND		ug/kg	6.6	1.2
Benzo(a)anthracene	1.9	J	ug/kg	6.6	0.62
Benzo(a)pyrene	1.7	J	ug/kg	6.6	0.79
Benzo(b)fluoranthene	1.9	J	ug/kg	6.6	0.62
Benzo(k)fluoranthene	0.66	J	ug/kg	6.6	0.59
Chrysene	1.5	J	ug/kg	6.6	0.49
Acenaphthylene	ND		ug/kg	6.6	0.82
Anthracene	ND		ug/kg	6.6	0.52
Benzo(ghi)perylene	1.5	J	ug/kg	6.6	0.56
Fluorene	ND		ug/kg	6.6	0.79
Phenanthrene	ND		ug/kg	6.6	0.56
Dibenzo(a,h)anthracene	0.79	J	ug/kg	6.6	0.66
Indeno(1,2,3-cd)Pyrene	1.8	J	ug/kg	6.6	0.79
Pyrene	2.2	J	ug/kg	6.6	0.46
1-Methylnaphthalene	ND		ug/kg	6.6	1.0
2-Methylnaphthalene	ND		ug/kg	6.6	1.9
Pentachlorophenol	ND		ug/kg	26	2.9
Hexachlorobenzene	ND		ug/kg	6.6	0.69
Hexachloroethane	ND		ug/kg	6.6	1.2

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/20/23 13:03
Analyst: DV

Extraction Method: EPA 3546
Extraction Date: 09/18/23 23:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1828959-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	109		10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	108		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828957-2 WG1828957-3								
Acenaphthene	68		65		31-137	5		50
Benzidine	42		37		10-66	13		50
1,2,4-Trichlorobenzene	77		73		38-107	5		50
Hexachlorobenzene	82		77		40-140	6		50
Bis(2-chloroethyl)ether	67		67		40-140	0		50
2-Chloronaphthalene	81		77		40-140	5		50
1,2-Dichlorobenzene	66		63		40-140	5		50
1,3-Dichlorobenzene	67		63		40-140	6		50
1,4-Dichlorobenzene	67		63		28-104	6		50
3,3'-Dichlorobenzidine	68		65		40-140	5		50
2,4-Dinitrotoluene	84		79		40-132	6		50
2,6-Dinitrotoluene	87		81		40-140	7		50
Azobenzene	75		72		40-140	4		50
Fluoranthene	77		73		40-140	5		50
4-Chlorophenyl phenyl ether	81		76		40-140	6		50
4-Bromophenyl phenyl ether	86		80		40-140	7		50
Bis(2-chloroisopropyl)ether	64		62		40-140	3		50
Bis(2-chloroethoxy)methane	72		68		40-117	6		50
Hexachlorobutadiene	89		85		40-140	5		50
Hexachlorocyclopentadiene	85		80		40-140	6		50
Hexachloroethane	69		65		40-140	6		50
Isophorone	70		67		40-140	4		50
Naphthalene	66		63		40-140	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828957-2 WG1828957-3								
Nitrobenzene	72		69		40-140	4		50
NDPA/DPA	75		72		36-157	4		50
n-Nitrosodi-n-propylamine	71		68		32-121	4		50
Bis(2-ethylhexyl)phthalate	74		71		40-140	4		50
Butyl benzyl phthalate	78		75		40-140	4		50
Di-n-butylphthalate	71		68		40-140	4		50
Di-n-octylphthalate	79		76		40-140	4		50
Diethyl phthalate	76		73		40-140	4		50
Dimethyl phthalate	78		75		40-140	4		50
Benzo(a)anthracene	75		72		40-140	4		50
Benzo(a)pyrene	77		75		40-140	3		50
Benzo(b)fluoranthene	71		69		40-140	3		50
Benzo(k)fluoranthene	72		68		40-140	6		50
Chrysene	74		71		40-140	4		50
Acenaphthylene	74		71		40-140	4		50
Anthracene	71		66		40-140	7		50
Benzo(ghi)perylene	70		66		40-140	6		50
Fluorene	75		72		40-140	4		50
Phenanthrene	69		66		40-140	4		50
Dibenzo(a,h)anthracene	68		65		40-140	5		50
Indeno(1,2,3-cd)pyrene	71		68		40-140	4		50
Pyrene	78		74		35-142	5		50
Biphenyl	80		76		37-127	5		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828957-2 WG1828957-3								
Aniline	55		54		40-140	2		50
4-Chloroaniline	59		59		40-140	0		50
1-Methylnaphthalene	74		71		26-130	4		50
2-Nitroaniline	84		81		47-134	4		50
3-Nitroaniline	68		67		26-129	1		50
4-Nitroaniline	73		68		41-125	7		50
Dibenzofuran	74		72		40-140	3		50
2-Methylnaphthalene	71		68		40-140	4		50
n-Nitrosodimethylamine	67		64		22-100	5		50
2,4,6-Trichlorophenol	96		92		30-130	4		50
p-Chloro-m-cresol	76		74		26-103	3		50
2-Chlorophenol	69		66		25-102	4		50
2,4-Dichlorophenol	82		79		30-130	4		50
2,4-Dimethylphenol	72		67		30-130	7		50
2-Nitrophenol	80		75		30-130	6		50
4-Nitrophenol	91		85		11-114	7		50
2,4-Dinitrophenol	90		63		4-130	35		50
4,6-Dinitro-o-cresol	96		82		10-130	16		50
Pentachlorophenol	83		78		17-109	6		50
Phenol	70		65		26-90	7		50
2-Methylphenol	69		67		30-130.	3		50
3-Methylphenol/4-Methylphenol	69		66		30-130	4		50
2,4,5-Trichlorophenol	93		88		30-130	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1828957-2 WG1828957-3								
Benzoic Acid	40		37		10-110	8		50
Benzyl Alcohol	73		69		40-140	6		50
Carbazole	69		64		54-128	8		50
Pyridine	46		43		10-93	7		50

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	74		70		25-120
Phenol-d6	76		71		10-120
Nitrobenzene-d5	79		74		23-120
2-Fluorobiphenyl	82		78		30-120
2,4,6-Tribromophenol	88		79		10-136
4-Terphenyl-d14	75		68		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1828959-2 WG1828959-3								
Acenaphthene	87		97		40-140	11		50
2-Chloronaphthalene	89		102		40-140	14		50
Fluoranthene	99		106		40-140	7		50
Hexachlorobutadiene	72		81		34-107	12		50
Naphthalene	86		97		40-140	12		50
Benzo(a)anthracene	98		114		40-140	15		50
Benzo(a)pyrene	105		119		40-140	13		50
Benzo(b)fluoranthene	105		110		40-140	5		50
Benzo(k)fluoranthene	86		104		40-140	19		50
Chrysene	89		97		40-140	9		50
Acenaphthylene	105		118		40-140	12		50
Anthracene	96		104		40-140	8		50
Benzo(ghi)perylene	87		99		40-140	13		50
Fluorene	95		106		40-140	11		50
Phenanthrene	92		101		40-140	9		50
Dibenzo(a,h)anthracene	98		108		40-140	10		50
Indeno(1,2,3-cd)Pyrene	120		131		40-140	9		50
Pyrene	98		107		35-142	9		50
1-Methylnaphthalene	89		100		40-140	12		50
2-Methylnaphthalene	100		112		40-140	11		50
Pentachlorophenol	111	Q	119	Q	17-109	7		50
Hexachlorobenzene	67		75		40-140	11		50
Hexachloroethane	68		76		29-106	11		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1828959-2 WG1828959-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	92		102		25-120
Phenol-d6	102		113		10-120
Nitrobenzene-d5	115		127	Q	23-120
2-Fluorobiphenyl	89		99		30-120
2,4,6-Tribromophenol	78		86		10-136
4-Terphenyl-d14	98		106		18-120

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/26/23 23:16
 Analyst: BAD
 Percent Solids: 82%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.8

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	4.52	4.52	1
C9-C12 Aliphatics	ND		mg/kg	4.52	4.52	1
C9-C10 Aromatics	ND		mg/kg	4.52	4.52	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	4.52	4.52	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	4.52	4.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	119		70-130
2,5-Dibromotoluene-FID	120		70-130

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/19/23 10:55
 Analyst: MTC
 Percent Solids: 82%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 09:21
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.94	7.94	1
C19-C36 Aliphatics	ND		mg/kg	7.94	7.94	1
C11-C22 Aromatics	11.8		mg/kg	7.94	7.94	1
C11-C22 Aromatics, Adjusted	11.8		mg/kg	7.94	7.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	56		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	66		40-140
2-Bromonaphthalene	67		40-140

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/26/23 23:46
 Analyst: BAD
 Percent Solids: 80%

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Were samples received in methanol? Yes (Covering the Soil)
 Methanol ratio: 1:1.3

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - Westborough Lab						
C5-C8 Aliphatics	ND		mg/kg	6.17	6.17	1
C9-C12 Aliphatics	ND		mg/kg	6.17	6.17	1
C9-C10 Aromatics	ND		mg/kg	6.17	6.17	1
C5-C8 Aliphatics, Adjusted	ND		mg/kg	6.17	6.17	1
C9-C12 Aliphatics, Adjusted	ND		mg/kg	6.17	6.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	219	Q	70-130
2,5-Dibromotoluene-FID	220	Q	70-130

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/19/23 10:20
 Analyst: MTC
 Percent Solids: 80%

Extraction Method: EPA 3546
 Extraction Date: 09/18/23 09:21
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/19/23

Quality Control Information

Condition of sample received: Satisfactory
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		mg/kg	7.94	7.94	1
C19-C36 Aliphatics	ND		mg/kg	7.94	7.94	1
C11-C22 Aromatics	9.95		mg/kg	7.94	7.94	1
C11-C22 Aromatics, Adjusted	9.95		mg/kg	7.94	7.94	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	58		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	67		40-140
2-Bromonaphthalene	66		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/19/23 15:08
Analyst: SC

Extraction Method: EPA 3546
Extraction Date: 09/18/23 09:21
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/19/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG1828659-1					
C9-C18 Aliphatics	ND		mg/kg	6.32	6.32
C19-C36 Aliphatics	ND		mg/kg	6.32	6.32
C11-C22 Aromatics	ND		mg/kg	6.32	6.32
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.32	6.32

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	61		40-140
o-Terphenyl	50		40-140
2-Fluorobiphenyl	60		40-140
2-Bromonaphthalene	60		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/26/23 19:15
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG1833143-4					
C5-C8 Aliphatics	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics	ND		mg/kg	5.00	5.00
C9-C10 Aromatics	ND		mg/kg	5.00	5.00
C5-C8 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00
C9-C12 Aliphatics, Adjusted	ND		mg/kg	5.00	5.00

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	112		70-130
2,5-Dibromotoluene-FID	113		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1828659-2 WG1828659-3								
C9-C18 Aliphatics	60		61		40-140	2		25
C19-C36 Aliphatics	73		75		40-140	3		25
C11-C22 Aromatics	66		68		40-140	3		25
Naphthalene	64		62		40-140	3		25
2-Methylnaphthalene	64		64		40-140	0		25
Acenaphthylene	62		64		40-140	3		25
Acenaphthene	64		65		40-140	2		25
Fluorene	63		65		40-140	3		25
Phenanthrene	62		64		40-140	3		25
Anthracene	63		65		40-140	3		25
Fluoranthene	63		65		40-140	3		25
Pyrene	63		65		40-140	3		25
Benzo(a)anthracene	64		66		40-140	3		25
Chrysene	62		64		40-140	3		25
Benzo(b)fluoranthene	62		64		40-140	3		25
Benzo(k)fluoranthene	59		62		40-140	5		25
Benzo(a)pyrene	66		68		40-140	3		25
Indeno(1,2,3-cd)Pyrene	66		68		40-140	3		25
Dibenzo(a,h)anthracene	66		69		40-140	4		25
Benzo(ghi)perylene	63		67		40-140	6		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1828659-2 WG1828659-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	56		58		40-140
o-Terphenyl	54		55		40-140
2-Fluorobiphenyl	65		68		40-140
2-Bromonaphthalene	66		69		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery		RPD	RPD	
	%Recovery	Qual	%Recovery	Qual	Limits	Qual		Limits	
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG1833143-2 WG1833143-3									
C5-C8 Aliphatics	90		90		70-130	0		25	
C9-C12 Aliphatics	103		104		70-130	1		25	
C9-C10 Aromatics	107		108		70-130	1		25	
Benzene	103		104		70-130	1		25	
Toluene	105		106		70-130	1		25	
Ethylbenzene	106		106		70-130	0		25	
p/m-Xylene	104		105		70-130	1		25	
o-Xylene	106		106		70-130	0		25	
Methyl tert butyl ether	109		108		70-130	1		25	
Naphthalene	114		110		70-130	4		25	
1,2,4-Trimethylbenzene	107		108		70-130	1		25	
Pentane	77		76		70-130	1		25	
2-Methylpentane	92		92		70-130	0		25	
2,2,4-Trimethylpentane	101		101		70-130	0		25	
n-Nonane	101		102		30-130	1		25	
n-Decane	103		105		70-130	2		25	
n-Butylcyclohexane	104		105		70-130	1		25	

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	109		109		70-130
2,5-Dibromotoluene-FID	106		107		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 14:34
 Analyst: ER
 Percent Solids: 82%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.0	5.19	1	A
Aroclor 1221	ND		ug/kg	35.0	5.85	1	A
Aroclor 1232	ND		ug/kg	35.0	12.4	1	A
Aroclor 1242	ND		ug/kg	35.0	7.87	1	A
Aroclor 1248	ND		ug/kg	23.4	8.76	1	A
Aroclor 1254	ND		ug/kg	35.0	6.39	1	A
Aroclor 1260	48.5		ug/kg	23.4	10.8	1	A
Aroclor 1262	ND		ug/kg	11.7	7.42	1	A
Aroclor 1268	31.1		ug/kg	11.7	6.05	1	A
PCBs, Total	79.6		ug/kg	11.7	5.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**SAMPLE RESULTS**

Lab ID: L2353871-02
 Client ID: SD-DUP-01
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 09/18/23 14:44
 Analyst: ER
 Percent Solids: 80%

Extraction Method: EPA 3540C
 Extraction Date: 09/15/23 15:40
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/17/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.0	5.32	1	A
Aroclor 1221	ND		ug/kg	36.0	6.01	1	A
Aroclor 1232	ND		ug/kg	36.0	12.7	1	A
Aroclor 1242	ND		ug/kg	36.0	8.08	1	A
Aroclor 1248	ND		ug/kg	24.0	8.99	1	A
Aroclor 1254	ND		ug/kg	36.0	6.56	1	A
Aroclor 1260	24.7		ug/kg	24.0	11.1	1	A
Aroclor 1262	ND		ug/kg	12.0	7.61	1	A
Aroclor 1268	ND		ug/kg	12.0	6.21	1	A
PCBs, Total	24.7		ug/kg	12.0	5.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	52		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 09/18/23 12:35
Analyst: ER

Extraction Method: EPA 3540C
Extraction Date: 09/15/23 15:40
Cleanup Method: EPA 3665A
Cleanup Date: 09/17/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/17/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1827993-1						
Aroclor 1016	ND		ug/kg	29.4	4.35	A
Aroclor 1221	ND		ug/kg	29.4	4.91	A
Aroclor 1232	ND		ug/kg	29.4	10.4	A
Aroclor 1242	ND		ug/kg	29.4	6.61	A
Aroclor 1248	ND		ug/kg	19.6	7.35	A
Aroclor 1254	ND		ug/kg	29.4	5.36	A
Aroclor 1260	ND		ug/kg	19.6	9.06	A
Aroclor 1262	ND		ug/kg	9.80	6.22	A
Aroclor 1268	ND		ug/kg	9.80	5.08	A
PCBs, Total	ND		ug/kg	9.80	4.35	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1827993-2 WG1827993-3									
Aroclor 1016	70		73		40-140	4		50	A
Aroclor 1260	69		70		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		77		30-150	A
Decachlorobiphenyl	78		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		75		30-150	B
Decachlorobiphenyl	77		75		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-01
 Client ID: SD-409
 Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:40
 Date Received: 09/14/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil
 Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5800		mg/kg	120	17.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Antimony, Total	0.22	J	mg/kg	1.9	0.16	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Arsenic, Total	5.2		mg/kg	0.59	0.08	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Barium, Total	25		mg/kg	3.5	0.25	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.21	J	mg/kg	0.35	0.10	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.07	J	mg/kg	0.24	0.03	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Calcium, Total	1600		mg/kg	590	72.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Chromium, Total	14		mg/kg	2.4	0.55	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Cobalt, Total	4.1		mg/kg	0.59	0.06	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Copper, Total	30		mg/kg	2.4	0.23	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Iron, Total	19000		mg/kg	240	24.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Lead, Total	20		mg/kg	0.71	0.17	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Magnesium, Total	3900		mg/kg	120	14.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Manganese, Total	200		mg/kg	2.4	0.52	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Mercury, Total	0.076	J	mg/kg	0.076	0.050	1	09/23/23 08:20	09/25/23 12:24	EPA 7471B	1,7471B	MJR
Nickel, Total	25		mg/kg	1.2	0.32	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Potassium, Total	1800		mg/kg	120	19.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Selenium, Total	2.2	J	mg/kg	2.4	0.89	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Silver, Total	0.06	J	mg/kg	0.59	0.06	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Sodium, Total	1100		mg/kg	180	14.	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Thallium, Total	0.09	J	mg/kg	0.47	0.06	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF
Vanadium, Total	150		mg/kg	5.9	2.2	50	09/23/23 07:30	09/27/23 17:02	EPA 3050B	1,6020B	MRC
Zinc, Total	75		mg/kg	12	3.1	10	09/23/23 07:30	09/27/23 12:48	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-02

Date Collected: 09/13/23 15:50

Client ID: SD-DUP-01

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3400		mg/kg	120	18.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Antimony, Total	0.51	J	mg/kg	1.9	0.16	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Arsenic, Total	13		mg/kg	0.60	0.08	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Barium, Total	12		mg/kg	3.6	0.25	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Beryllium, Total	0.15	J	mg/kg	0.36	0.10	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Cadmium, Total	0.09	J	mg/kg	0.24	0.03	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Calcium, Total	810		mg/kg	600	73.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Chromium, Total	18		mg/kg	2.4	0.56	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Cobalt, Total	7.9		mg/kg	0.60	0.06	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Copper, Total	43		mg/kg	2.4	0.23	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Iron, Total	150000		mg/kg	240	25.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Lead, Total	18		mg/kg	0.72	0.18	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Magnesium, Total	2400		mg/kg	120	15.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Manganese, Total	200		mg/kg	2.4	0.53	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Mercury, Total	0.077	J	mg/kg	0.080	0.052	1	09/23/23 08:20	09/25/23 12:28	EPA 7471B	1,7471B	MJR
Nickel, Total	29		mg/kg	1.2	0.32	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Potassium, Total	1200		mg/kg	120	19.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Selenium, Total	1.2	J	mg/kg	2.4	0.91	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Silver, Total	ND		mg/kg	0.60	0.06	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Sodium, Total	980		mg/kg	180	14.	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Thallium, Total	ND		mg/kg	0.48	0.06	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF
Vanadium, Total	190		mg/kg	6.0	2.3	50	09/23/23 07:30	09/27/23 17:07	EPA 3050B	1,6020B	MRC
Zinc, Total	63		mg/kg	12	3.1	10	09/23/23 07:30	09/27/23 12:53	EPA 3050B	1,6020B	EJF



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1830296-1									
Aluminum, Total	ND	mg/kg	100	15.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Antimony, Total	ND	mg/kg	1.6	0.14	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Arsenic, Total	ND	mg/kg	0.50	0.07	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Barium, Total	ND	mg/kg	3.0	0.21	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Beryllium, Total	ND	mg/kg	0.30	0.09	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Cadmium, Total	ND	mg/kg	0.20	0.03	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Calcium, Total	ND	mg/kg	500	61.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Chromium, Total	ND	mg/kg	2.0	0.47	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Cobalt, Total	ND	mg/kg	0.50	0.05	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Copper, Total	ND	mg/kg	2.0	0.19	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Iron, Total	ND	mg/kg	200	21.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Lead, Total	ND	mg/kg	0.60	0.15	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Magnesium, Total	ND	mg/kg	100	12.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Manganese, Total	ND	mg/kg	2.0	0.44	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Nickel, Total	ND	mg/kg	1.0	0.27	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Potassium, Total	ND	mg/kg	100	16.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Selenium, Total	ND	mg/kg	2.0	0.76	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Silver, Total	ND	mg/kg	0.50	0.05	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Sodium, Total	ND	mg/kg	150	12.	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Thallium, Total	ND	mg/kg	0.40	0.05	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Vanadium, Total	ND	mg/kg	1.0	0.38	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC
Zinc, Total	ND	mg/kg	10	2.6	10	09/23/23 07:30	09/27/23 14:54	1,6020B	MRC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1830299-1									
Mercury, Total	ND	mg/kg	0.083	0.054	1	09/23/23 08:20	09/25/23 11:58	1,7471B	MJR



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1830296-2 SRM Lot Number: D119-540								
Aluminum, Total	73		-		48-152	-		20
Antimony, Total	132		-		10-190	-		20
Arsenic, Total	104		-		83-117	-		20
Barium, Total	101		-		82-118	-		20
Beryllium, Total	96		-		83-117	-		20
Cadmium, Total	95		-		82-117	-		20
Calcium, Total	104		-		81-118	-		20
Chromium, Total	100		-		82-119	-		20
Cobalt, Total	103		-		83-117	-		20
Copper, Total	103		-		84-116	-		20
Iron, Total	107		-		60-140	-		20
Lead, Total	117		-		82-118	-		20
Magnesium, Total	96		-		76-124	-		20
Manganese, Total	108		-		82-118	-		20
Nickel, Total	106		-		82-117	-		20
Potassium, Total	94		-		70-130	-		20
Selenium, Total	106		-		79-121	-		20
Silver, Total	114		-		80-120	-		20
Sodium, Total	102		-		74-126	-		20
Thallium, Total	112		-		81-119	-		20
Vanadium, Total	93		-		79-121	-		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1830296-2 SRM Lot Number: D119-540					
Zinc, Total	103	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1830299-2 SRM Lot Number: D119-540					
Mercury, Total	102	-	73-127	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION

Lab Number: L2353871

Project Number: Not Specified

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-01

Date Collected: 09/13/23 15:40

Client ID: SD-409

Date Received: 09/14/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.3		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2353871

Report Date: 09/28/23

SAMPLE RESULTS

Lab ID: L2353871-02

Client ID: SD-DUP-01

Sample Location: WISCASSETT MAINE

Date Collected: 09/13/23 15:50

Date Received: 09/14/23

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.2		%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG1827837-2									
Solids, Total	100	%	0.100	NA	1	-	09/15/23 12:14	121,2540G	ROI

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2353871-01A	Vial MeOH preserved	C	NA		3.7	Y	Absent		8260HLW(14),VPH-18(28)
L2353871-01B	Vial water preserved	C	NA		3.7	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353871-01C	Vial water preserved	C	NA		3.7	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353871-01D	Plastic 2oz unpreserved for TS	C	NA		3.7	Y	Absent		ME-TS-2540(7)
L2353871-01E	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),AL-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2353871-01F	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		SUB-ASBESTOS()
L2353871-01G	Glass 500ml/16oz unpreserved	C	NA		3.7	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)
L2353871-02A	Vial MeOH preserved	C	NA		3.7	Y	Absent		8260HLW(14),VPH-18(28)
L2353871-02B	Vial water preserved	C	NA		3.7	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353871-02C	Vial water preserved	C	NA		3.7	Y	Absent	14-SEP-23 23:45	8260HLW(14)
L2353871-02D	Plastic 2oz unpreserved for TS	C	NA		3.7	Y	Absent		ME-TS-2540(7)
L2353871-02E	Glass 60mL/2oz unpreserved	C	NA		3.7	Y	Absent		TL-6020T(180),BA-6020T(180),FE-6020T(180),SE-6020T(180),CR-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CO-6020T(180)
L2353871-02F	Glass 250ml/8oz unpreserved	C	NA		3.7	Y	Absent		SUB-ASBESTOS()
L2353871-02G	Glass 500ml/16oz unpreserved	C	NA		3.7	Y	Absent		8270TCL(14),EPH-20(14),8270TCL-SIM(14),PCB-8082LL-3540C(365)

Project Name: MASON STATION
Project Number: Not Specified

Serial_No:09282317:06
Lab Number: L2353871
Report Date: 09/28/23

Container Information

Container ID **Container Type**

Cooler **Initial pH** **Final pH** **Temp deg C** **Pres** **Seal** **Frozen Date/Time** **Analysis(*)**

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2353871
Report Date: 09/28/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION**Lab Number:** L2353871**Project Number:** Not Specified**Report Date:** 09/28/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

2353871 X



CHAIN OF CUSTODY

PAGE 1 OF 1

Westborough, MA Mansfield, MA
TEL: 508-898-9220 TEL: 508-822-9300
FAX: 508-898-9193 FAX: 508-822-3288

Project Information

Project Name: Mason Station

Project Location: Wiscasset Maine

Project #:

Project Manager: Danielle Obery

ALPHA Quote #:

Client Information

Client: Maine DEP

Address: 17 State House Station

Phone: 207-441-2181

Fax:

Email: Finn.whiting@maine.gov

These samples have been Previously analyzed by Alpha

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)

Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:

Please send lab reports and invoices to:

danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/14/23

ALPHA Job #: R2302

Report Information Data Deliverables

FAX EMAIL
 ADEx Add'l Deliverables

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program

Criteria

ANALYSIS

	VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)		
SD-409	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SD-DUP-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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TOTAL # BOTTLES

SAMPLE HANDLING

Filtration

Done

Not Needed

Lab to do

Preservation

Lab to do

(Please specify below)

Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
53871-01	SD-409	9/13/23	1540	SD	MTB
-02	SD-DUP-01	9/13/23	1550	SD	ATB

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	9/14/23 1527	<i>[Signature]</i>	9/14/23 1535
<i>[Signature]</i>	9/14/23 1535	<i>[Signature]</i>	9/14/23 1535
<i>[Signature]</i>	9/14/23 1500	<i>[Signature]</i>	9/14/23 1500

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

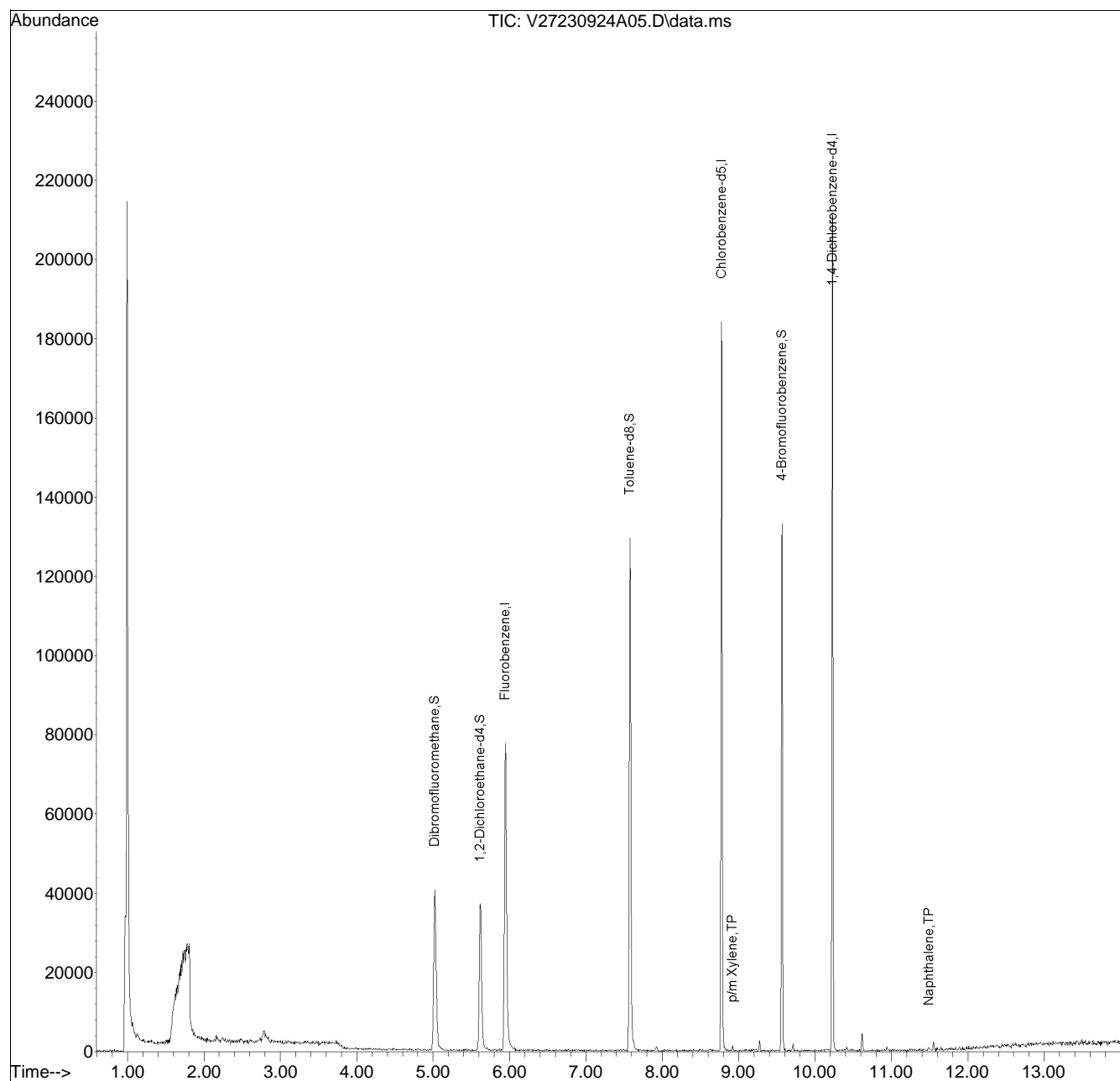
9/15/23 0107

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA127\2023\230924\
Data File : V27230924A05.D
Acq On : 24 Sep 2023 02:34 pm
Operator : VOA127:AJK
Sample : WG1832531-5,31h,15,15,0.1
Misc : WG1832531,ICAL20241
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 15:39:36 2023
Quant Method : K:\VOA127\2023\230924A\V127_230807N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 08 14:15:40 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•

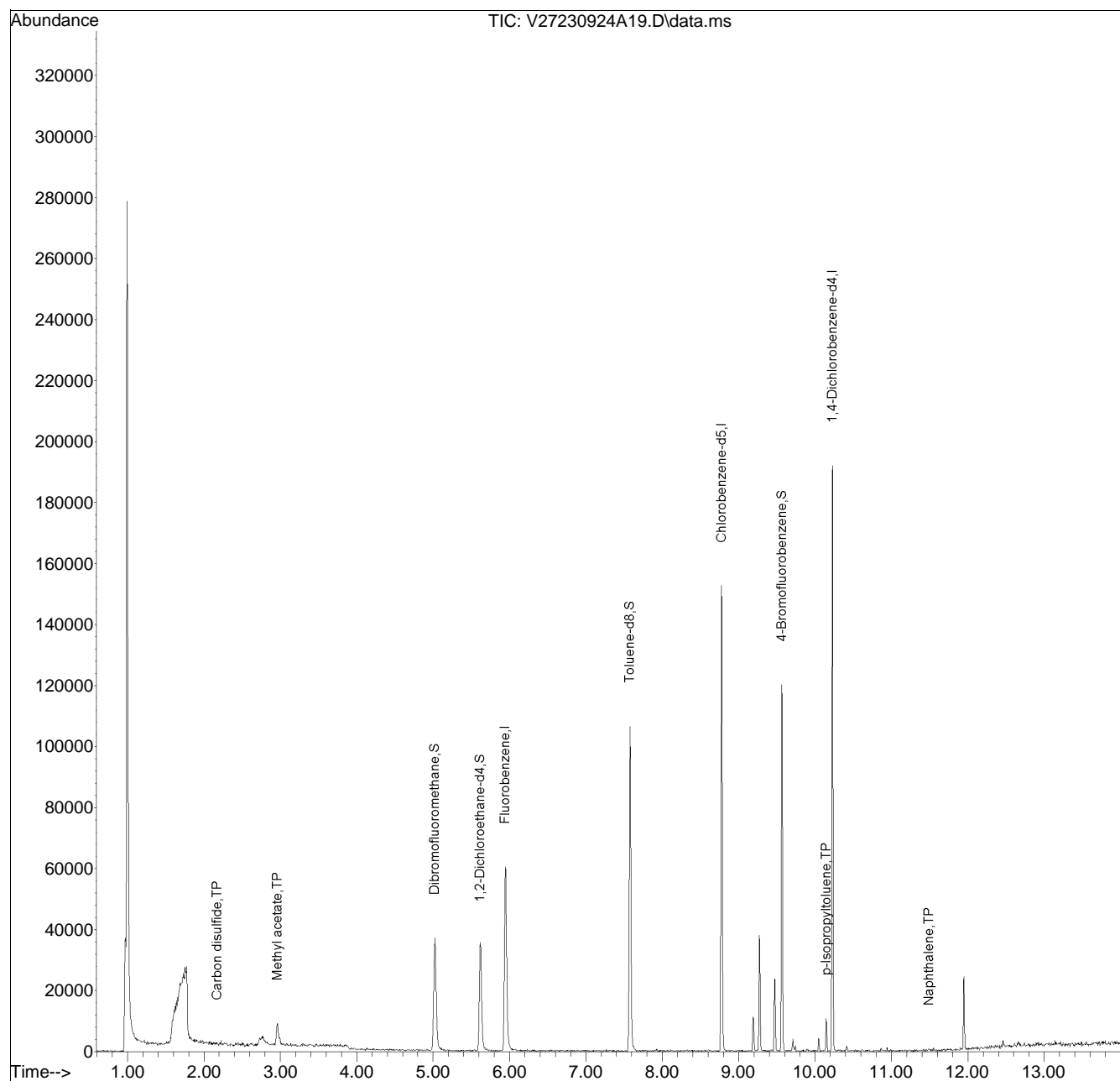


Quantitation Report (QT Reviewed)

Data Path : K:\VOA127\2023\230924A\
Data File : V27230924A19.D
Acq On : 24 Sep 2023 07:46 pm
Operator : VOA127:AJK
Sample : L2353871-01,31H,26.44,15,0.100,,A
Misc : WG1832531,ICAL20241
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 27 09:05:46 2023
Quant Method : K:\VOA127\2023\230924A\V127_230807N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Aug 08 14:15:40 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox24A01.D•

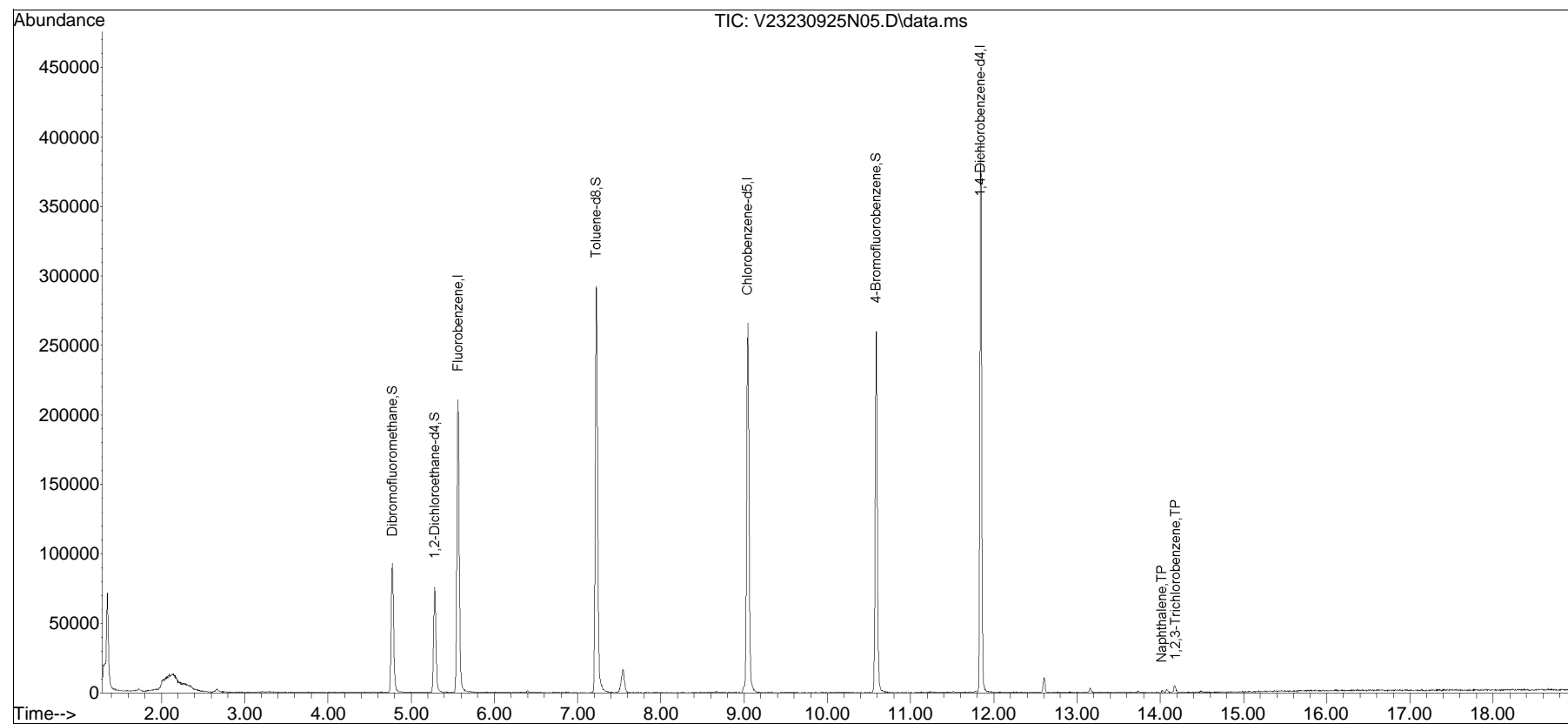


Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2023\230925N\
Data File : V23230925N05.D
Acq On : 25 Sep 2023 09:26 pm
Operator : VOA123:KJD
Sample : WG1832201-5,31H,15,15,0.1
Misc : WG1832201,ICAL20310
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 22:19:21 2023
Quant Method : K:\VOA123\2023\230925N\V123_230825N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 13:28:17 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

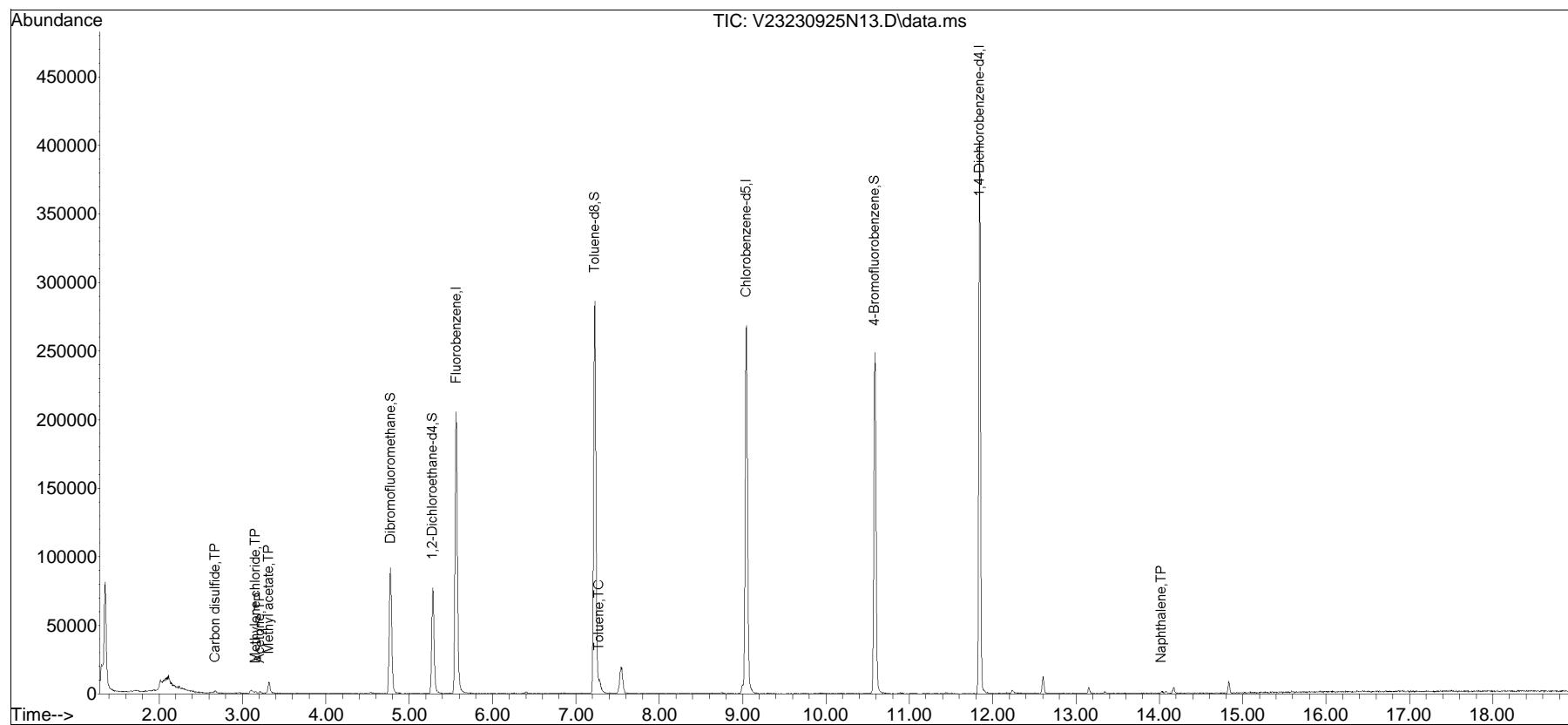


Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2023\230925N\
Data File : V23230925N13.D
Acq On : 26 Sep 2023 01:31 am
Operator : VOA123:LAC
Sample : L2353871-02,31H,18.93,15,0.100,,A
Misc : WG1832201,ICAL20310
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 26 15:14:39 2023
Quant Method : K:\VOA123\2023\230925N\V123_230825N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Aug 28 13:28:17 2023
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox25N01.D•

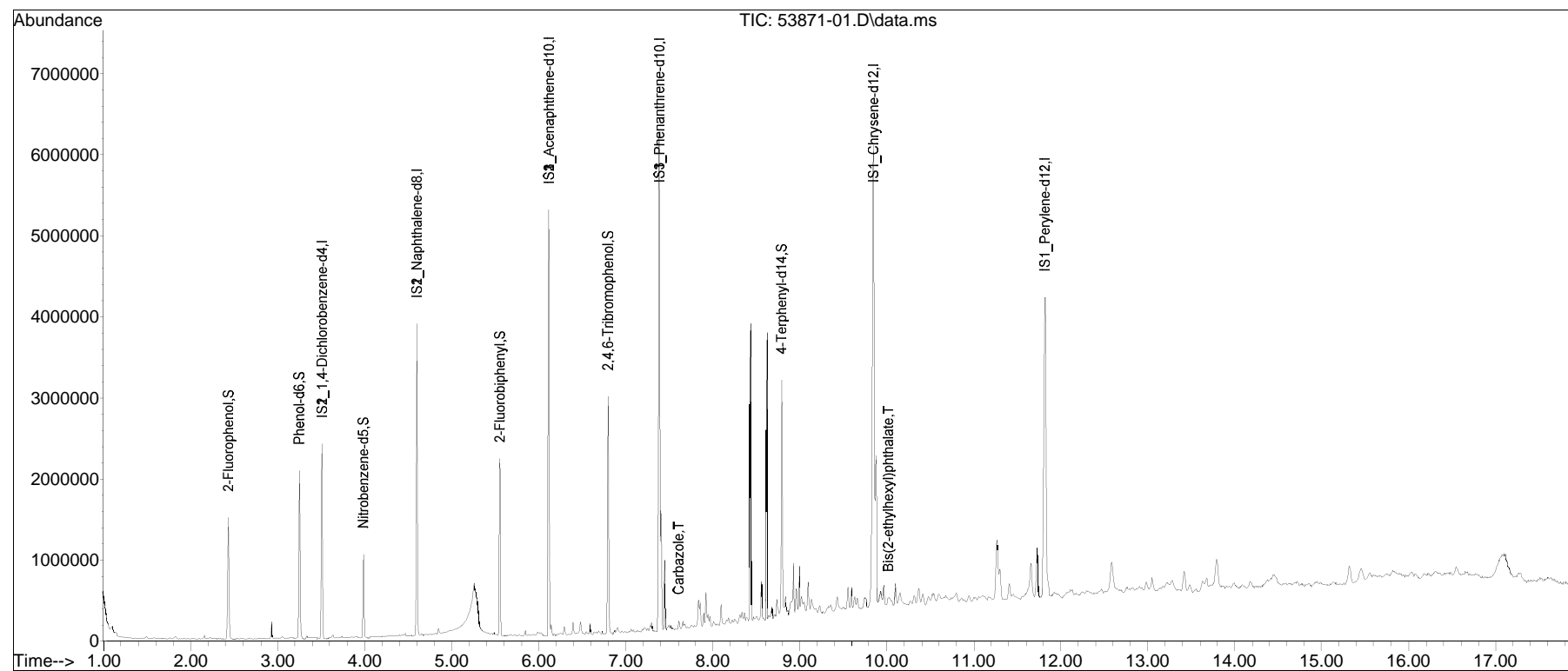


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 53871-01.D
Acq On : 20 Sep 2023 8:54 am
Operator : Buffy:mg
Sample : L2353871-01,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 27 15:13:05 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 09:12:17 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

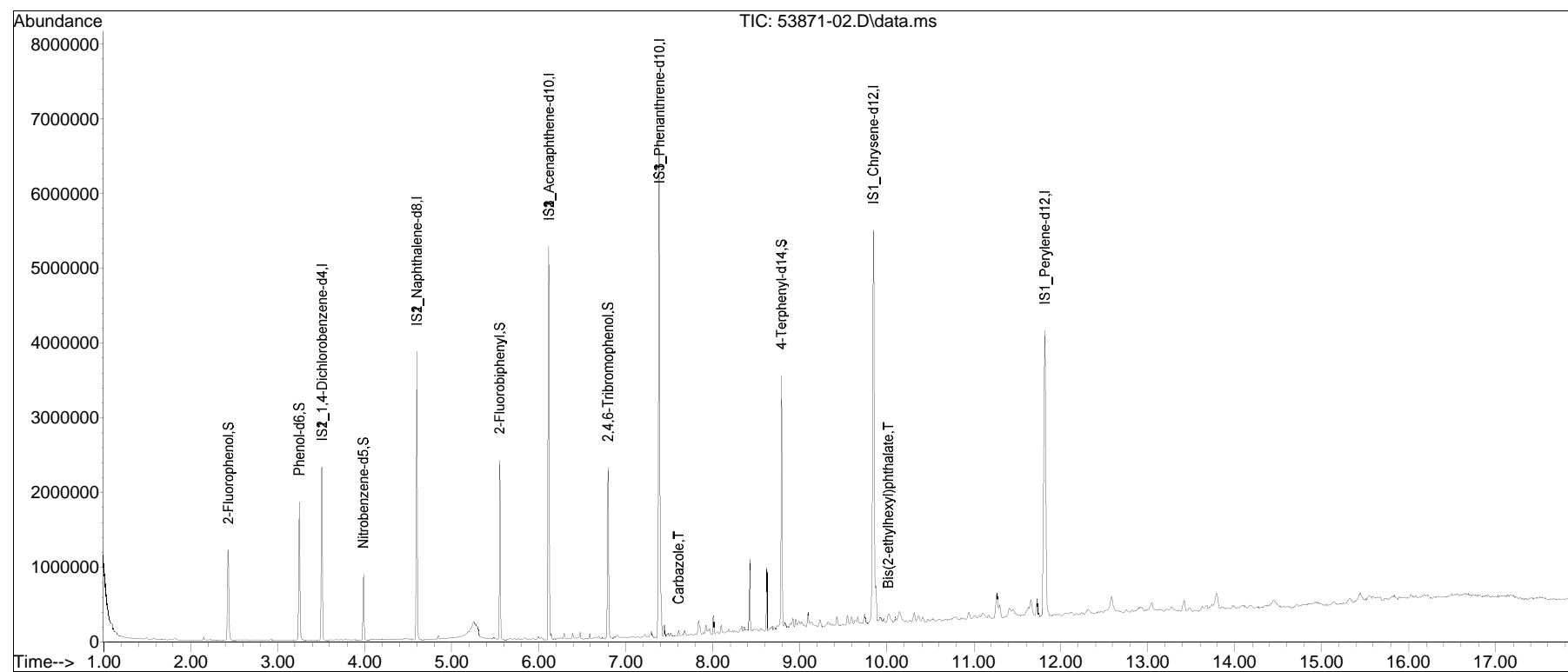


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 53871-02.D
Acq On : 20 Sep 2023 9:18 am
Operator : Buffy:mg
Sample : L2353871-02,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 27 15:15:49 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 09:35:55 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA919n.D•

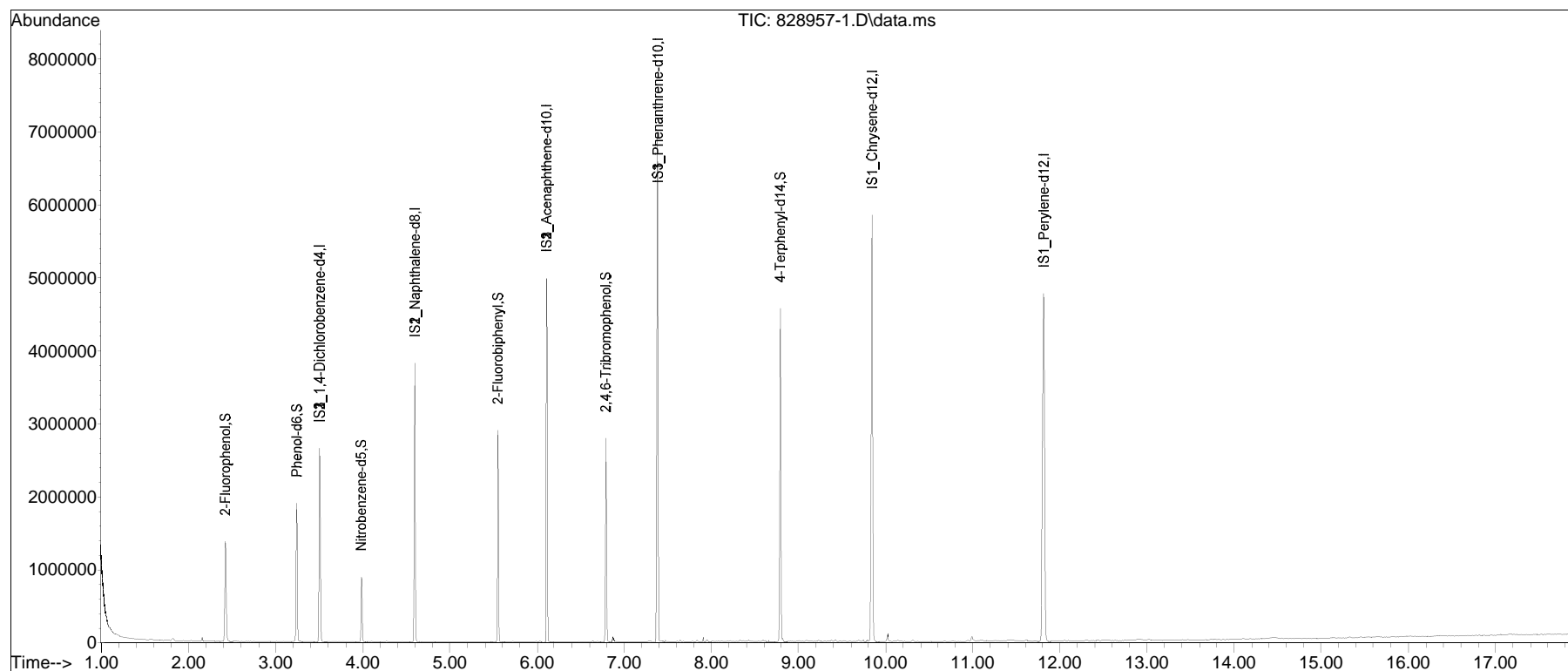


Quantitation Report (QT Reviewed)

Data Path : I:\8270\Buffy\230919n\
Data File : 828957-1.D
Acq On : 20 Sep 2023 2:54 am
Operator : Buffy:im
Sample : WG1828957-1,32,,ASK
Misc : WG1829452,WG1828957,ical20235
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 09:42:03 2023
Quant Method : I:\8270\buffy\230919n\FS230726Buffy.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 03:12:10 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn\AP90919n.D•

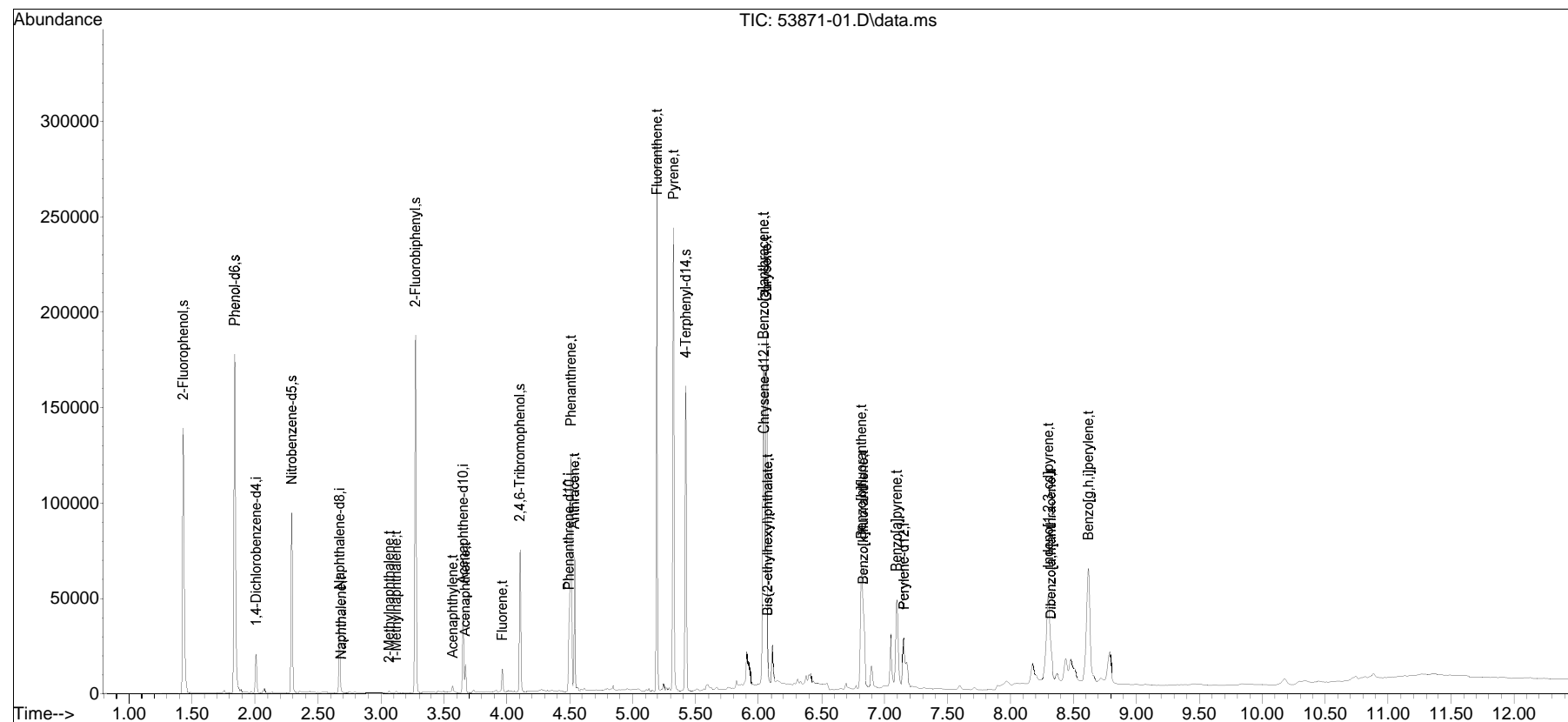


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53871-01.D
 Acq On : 20 Sep 2023 05:24 pm
 Operator : SV115:dv
 Sample : L2353871-01,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 25 13:22:39 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

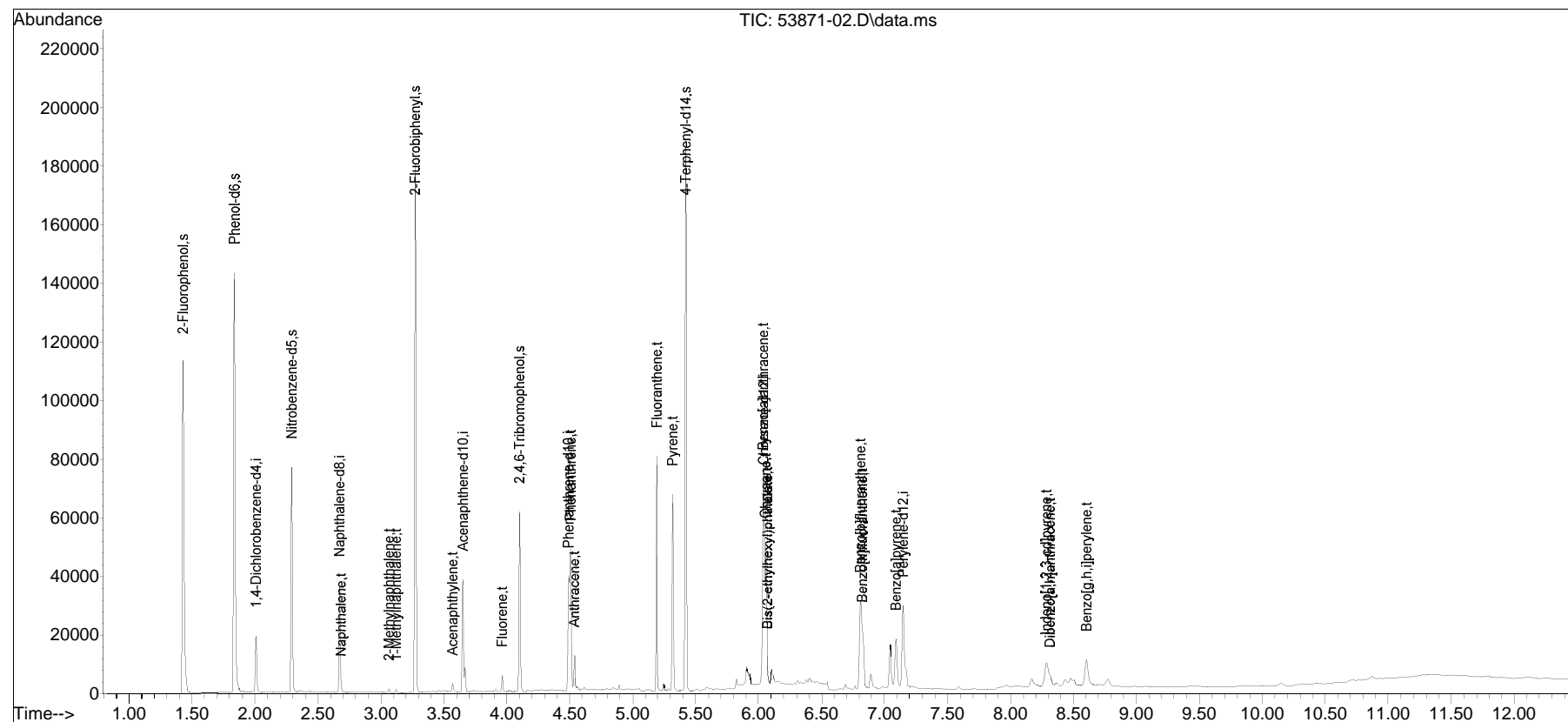


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
 Data File : 53871-02.D
 Acq On : 20 Sep 2023 05:41 pm
 Operator : SV115:dv
 Sample : L2353871-02,32,,ah
 Misc : WG1829641,WG1828959,ical19706
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 25 13:26:17 2023
 Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Wed Sep 20 08:30:35 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

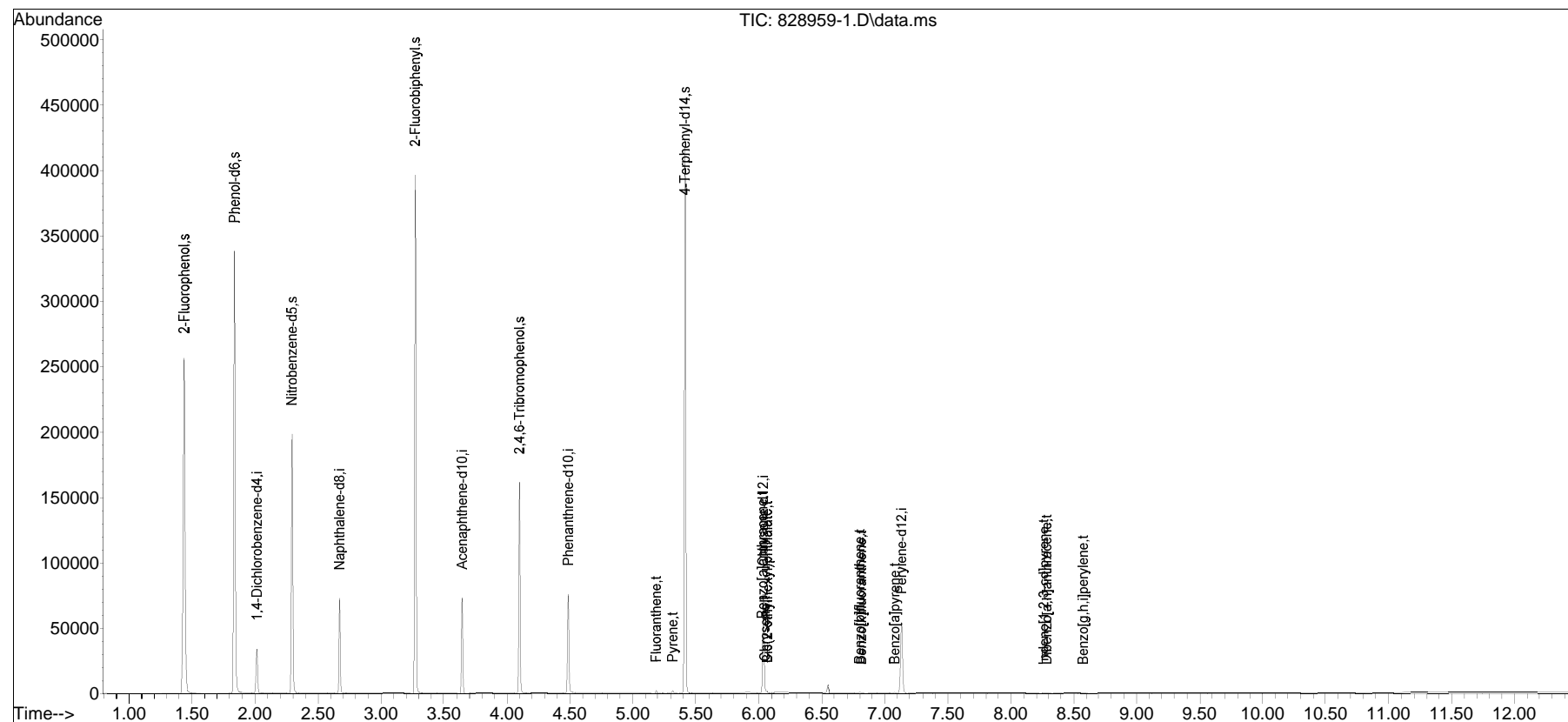


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\SV115\230920\
Data File : 828959-1.D
Acq On : 20 Sep 2023 01:03 pm
Operator : SV115:dv
Sample : WG1828959-1,32,,ah
Misc : WG1829641,WG1828959,ical19706
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 13:29:09 2023
Quant Method : I:\8270sim\sv115\230920\simtech230201-sv115.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 20 08:30:35 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedv0920.D•

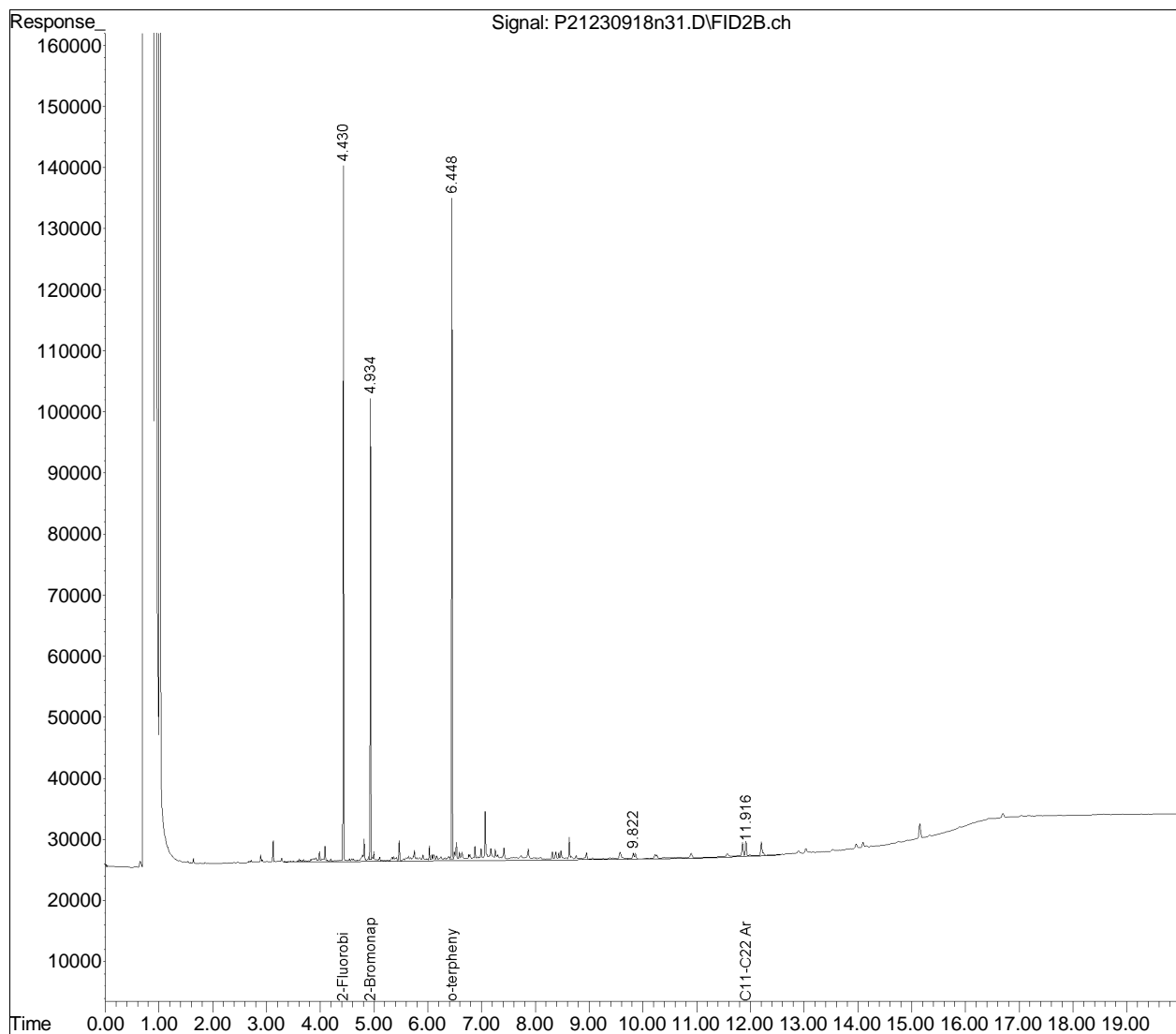


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230918N.SEC\
Data File : P21230918n31.D
Signal(s) : FID2B.ch
Acq On : 19 Sep 2023 3:08 pm
Operator : Petro21b:sc
Sample : WG1828659-1,42,, rr
Misc : WG1829039,WG1828659,ICAL18504
ALS Vial : 66 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 21 11:51:02 2023
Quant Method : I:\PETRO\Petro21\2023\230918N.SEC\P21MAARO211129B.M
Quant Title : MA EPH Aromatic
QLast Update : Mon Sep 18 09:18:34 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

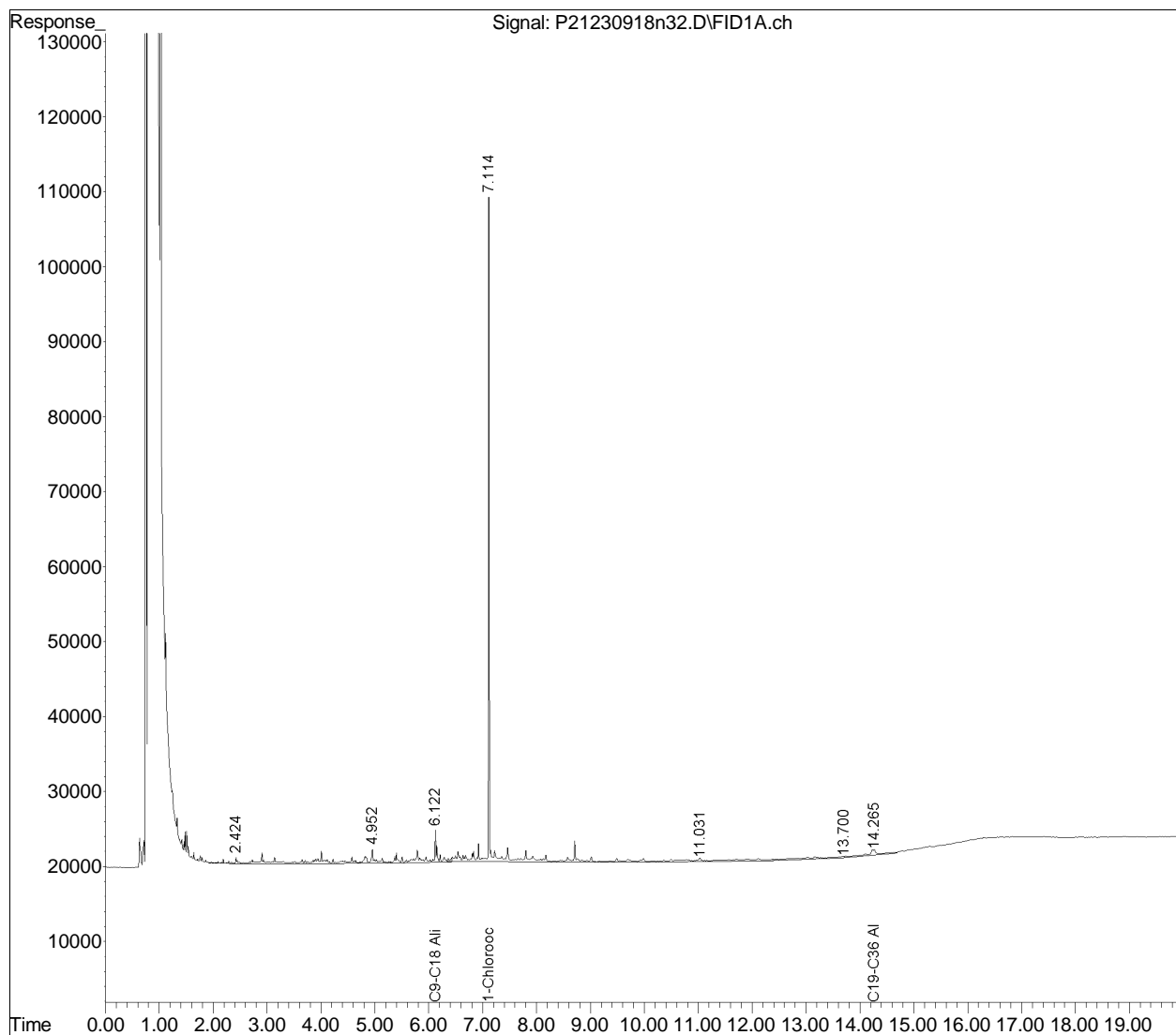


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro21\2023\230918n\
Data File : P21230918n32.D
Signal(s) : FID1A.ch
Acq On : 19 Sep 2023 3:08 pm
Operator : Petro21a:sc
Sample : WG1828659-1,42,, rr
Misc : WG1829039,WG1828659,ICAL18505
ALS Vial : 16 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 21 11:38:29 2023
Quant Method : I:\PETRO\Petro21\2023\230918n\P21MAALI211129A.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 09 08:36:20 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

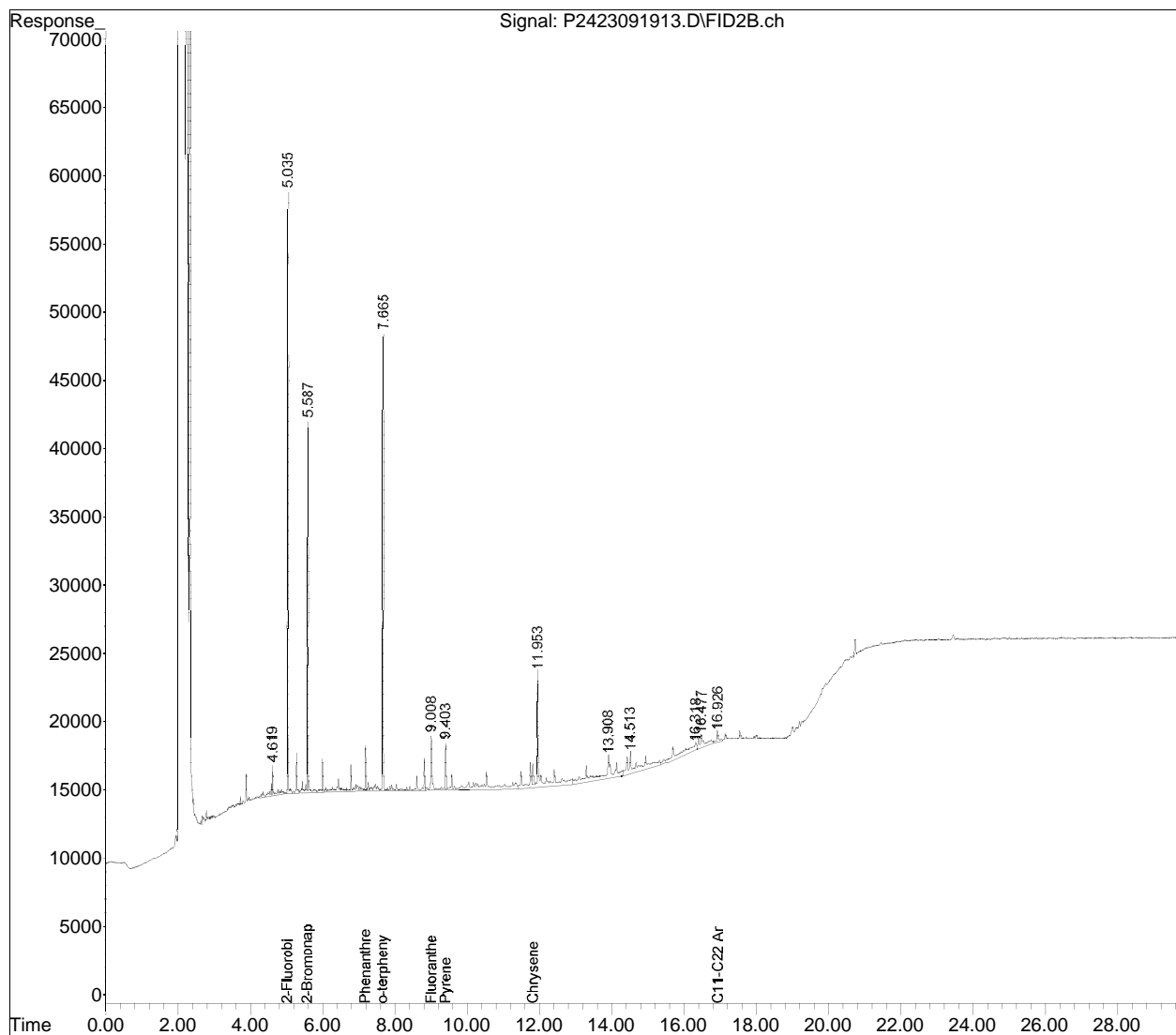


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230919.SEC\
 Data File : P2423091913.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2023 10:55 am
 Operator : Petro24b:mtc
 Sample : L2353871-01,42,,
 Misc : WG1829056,WG1828659,ICAL20111
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 11:53:14 2023
 Quant Method : I:\PETRO\Petro24\2023\230919.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Tue Sep 19 07:32:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

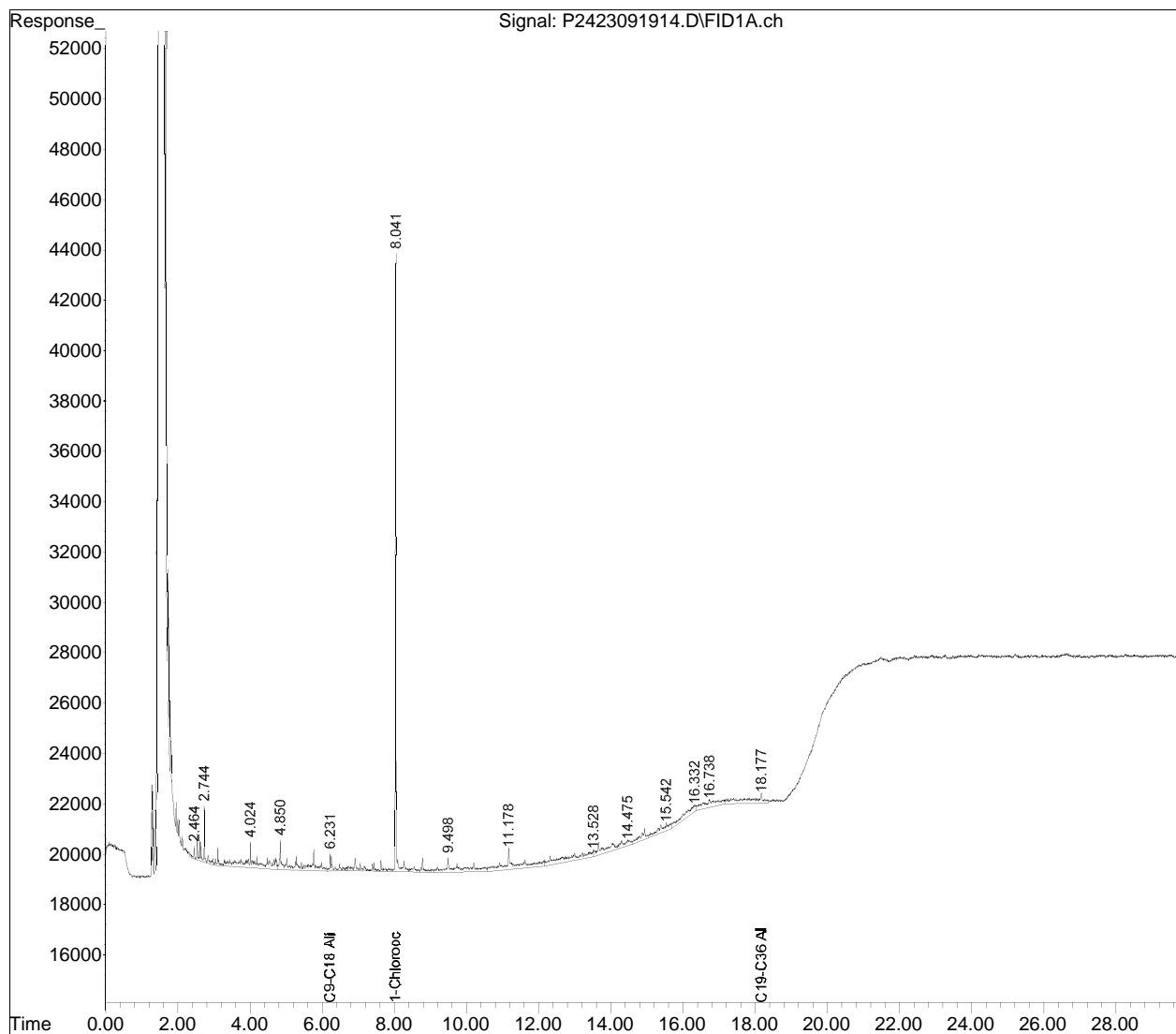


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230919\
Data File : P2423091914.D
Signal(s) : FID1A.ch
Acq On : 19 Sep 2023 10:55 am
Operator : Petro24a:mtc
Sample : L2353871-01,42,,
Misc : WG1829056,WG1828659,ICAL20112
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 27 11:49:16 2023
Quant Method : I:\PETRO\Petro24\2023\230919\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 16 19:23:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

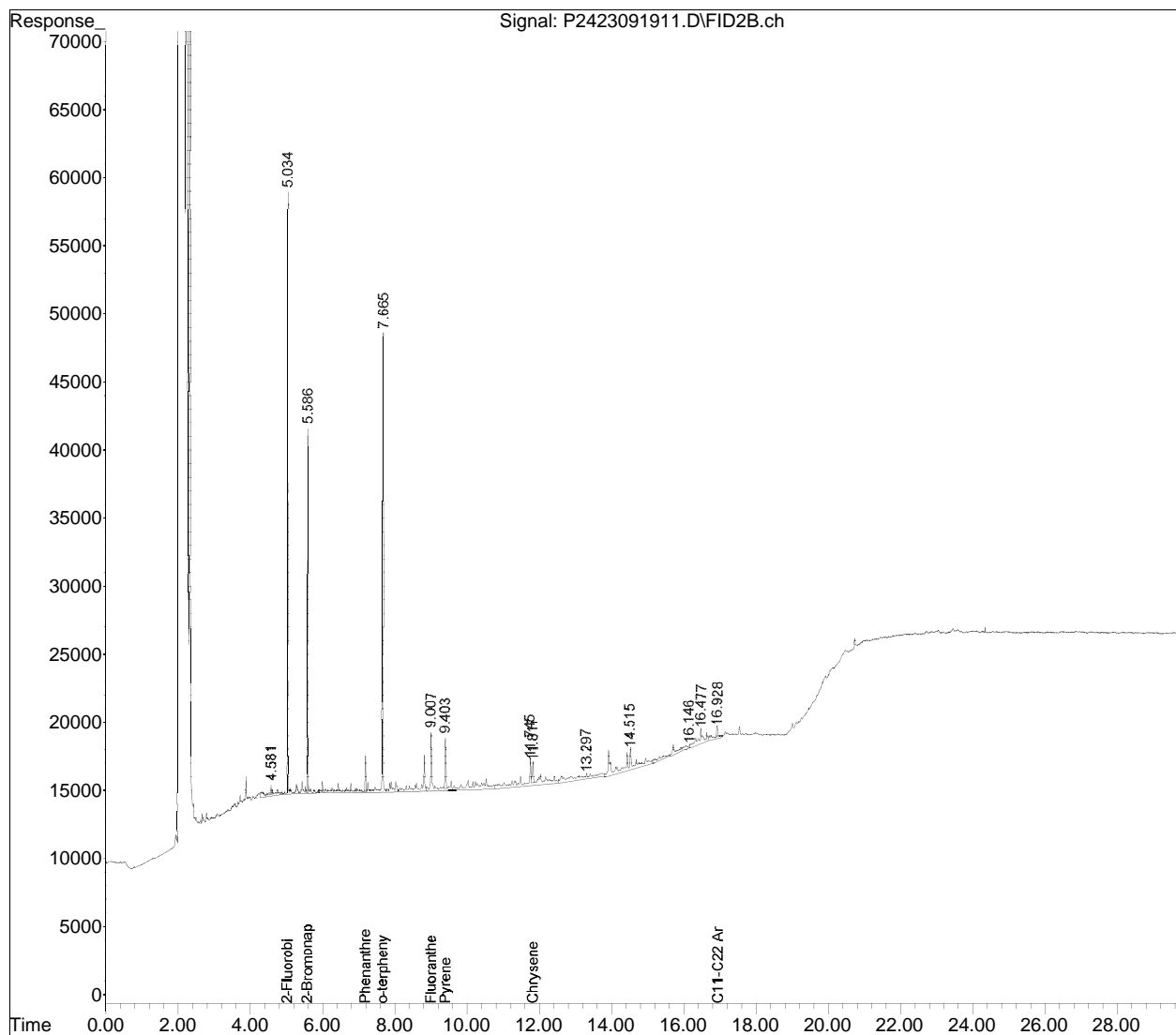


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230919.SEC\
 Data File : P2423091911.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2023 10:20 am
 Operator : Petro24b:mtc
 Sample : L2353871-02,42,,
 Misc : WG1829056,WG1828659,ICAL20111
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 11:51:26 2023
 Quant Method : I:\PETRO\Petro24\2023\230919.SEC\P24MAARO230618.M
 Quant Title : MA EPH Aromatic
 QLast Update : Tue Sep 19 07:32:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

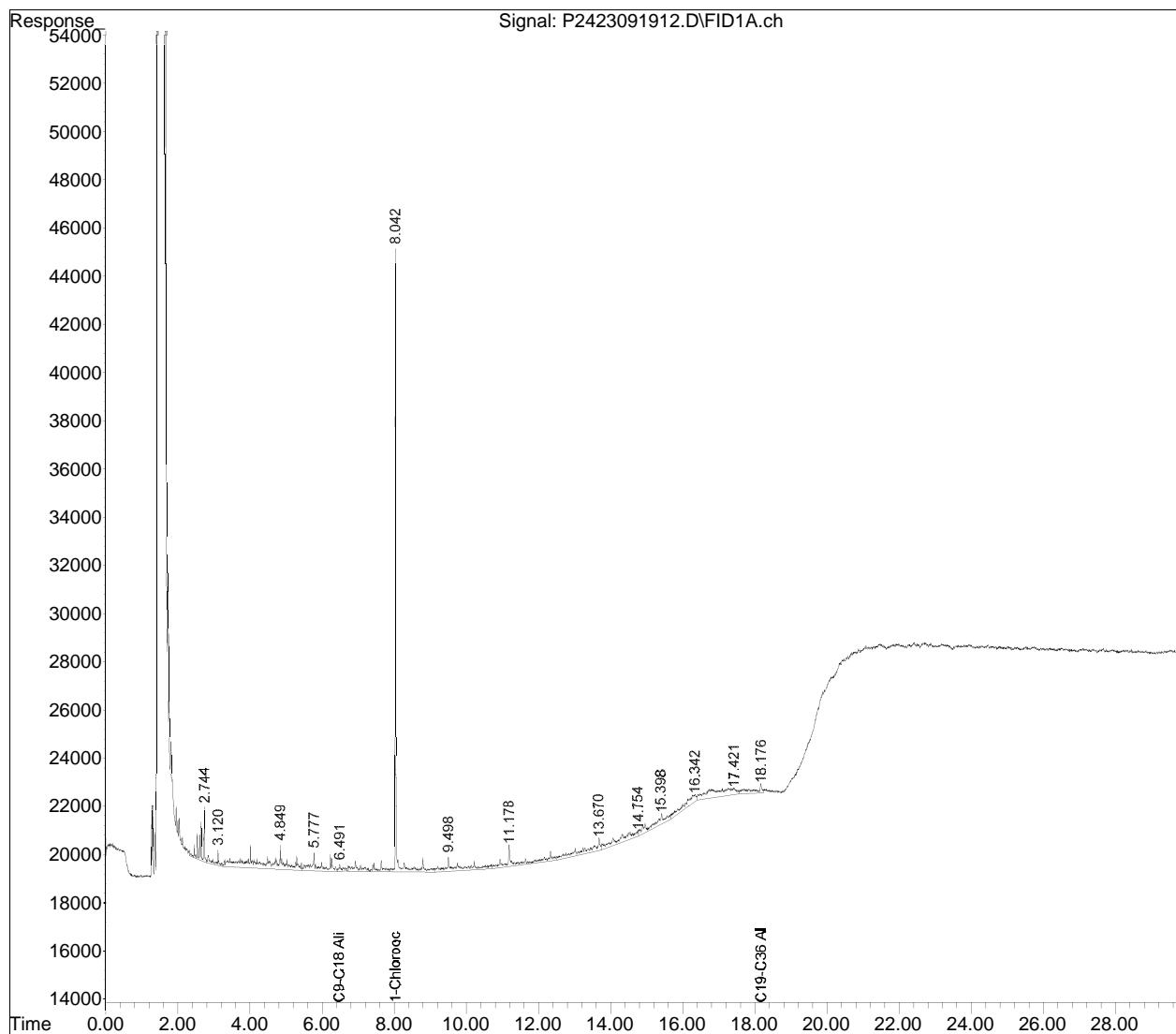


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230919\
Data File : P2423091912.D
Signal(s) : FID1A.ch
Acq On : 19 Sep 2023 10:20 am
Operator : Petro24a:mtc
Sample : L2353871-02,42,,
Misc : WG1829056,WG1828659,ICAL20112
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 27 11:48:07 2023
Quant Method : I:\PETRO\Petro24\2023\230919\P24MAALI230618.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 16 19:23:57 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

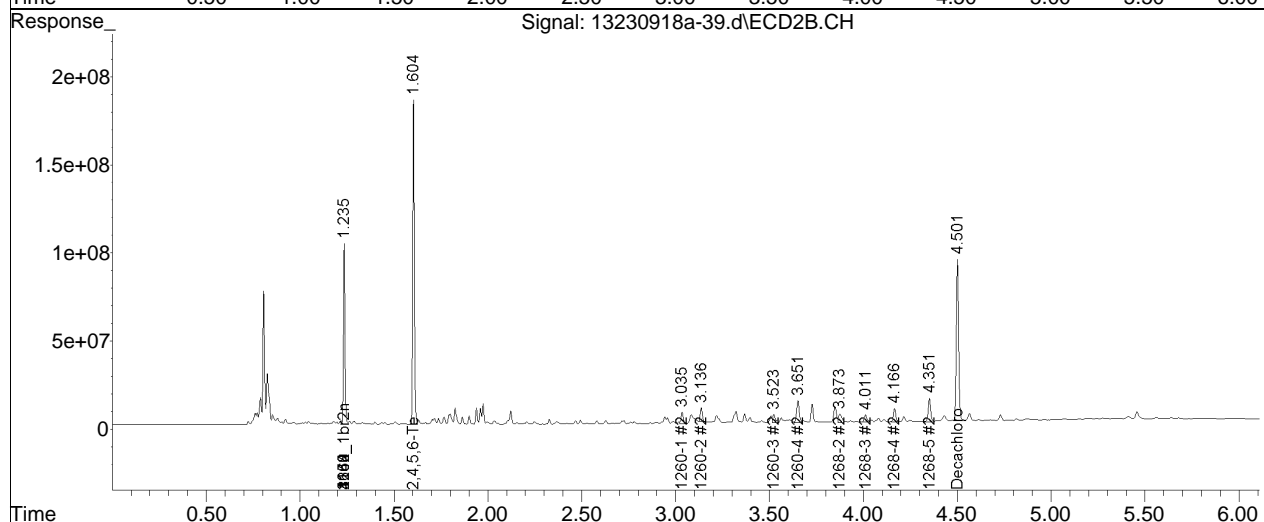
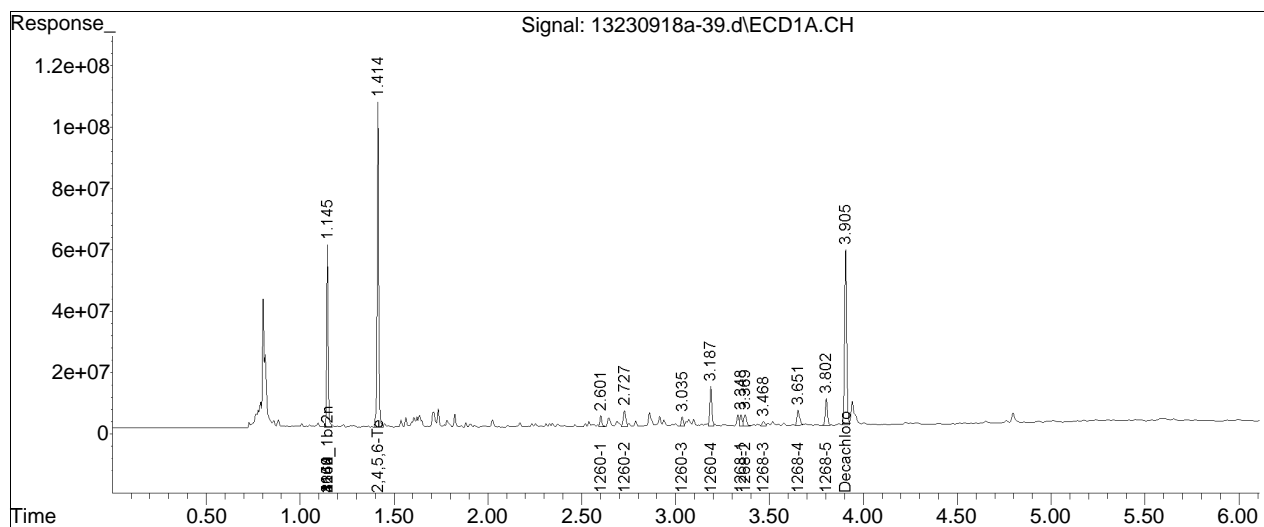


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-39.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 2:34 pm
 Operator : pest13:er
 Sample : L2353871-01,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 39 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:47:16 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

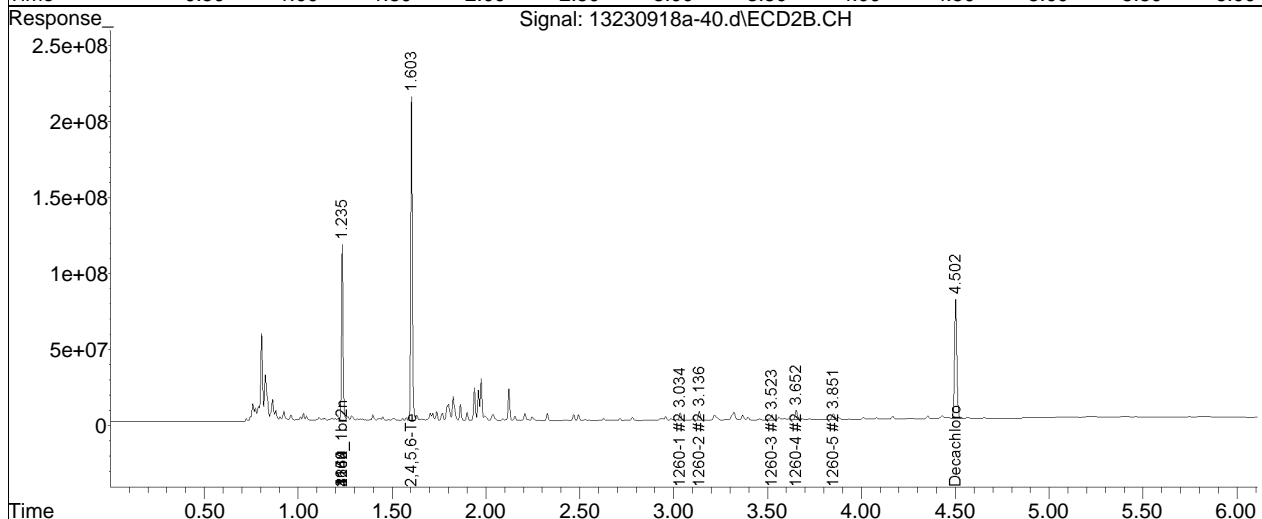
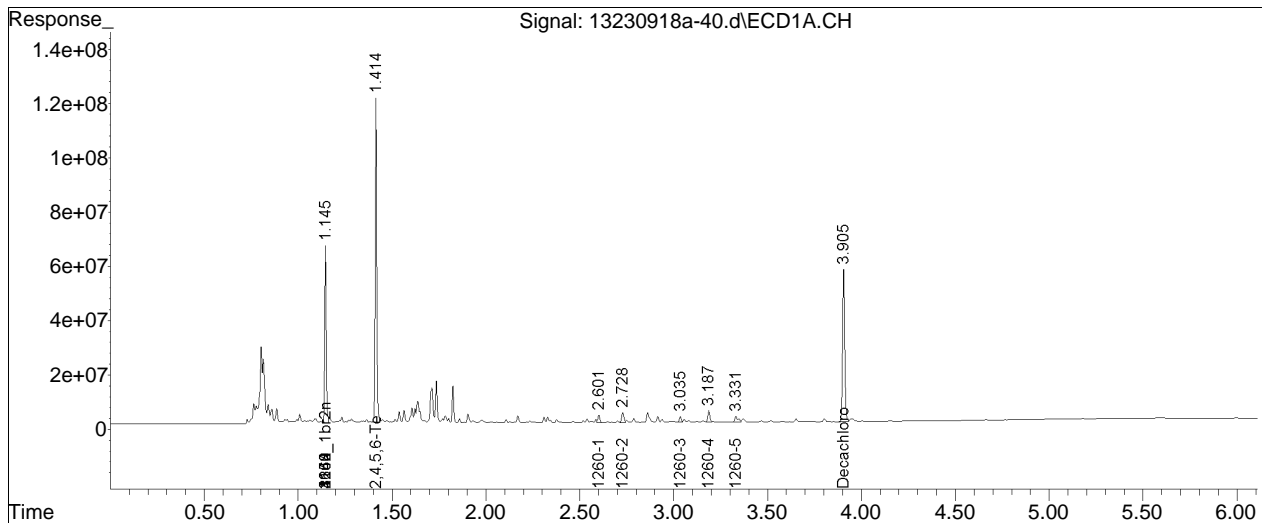


Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\
 Data File : 13230918a-40.d
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Sep 2023 2:44 pm
 Operator : pest13:er
 Sample : L2353871-02,42,, rr
 Misc : wg1828591,WG1827993,ical20295
 ALS Vial : 40 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e
 Integration File signal 2: events2.e
 Quant Time: Sep 22 15:48:52 2023
 Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m
 Quant Title : pcb
 QLast Update : Wed Sep 13 12:33:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



Sub List : Default - All compounds listed\13230918a-26.d••

Data Path : I:\PCB\Pest13\2023\230918A\

Data File : 13230918a-27.d

Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH

Acq On : 18 Sep 2023 12:35 pm

Operator : pest13:er

Sample : WG1827993-1,42,,

Misc : wg1828591,WG1827993,ical20295 (Sig #1); wg1828591,WG1827628,ical20

ALS Vial : 27 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events1.e

Integration File signal 2: events2.e

Quant Time: Sep 22 09:26:30 2023

Quant Method : I:\PCB\Pest13\2023\230918A\P13_pcb_07_18_23_ugL_ICAL20295.m

Quant Title : pcb

QLast Update : Wed Sep 13 12:33:26 2023

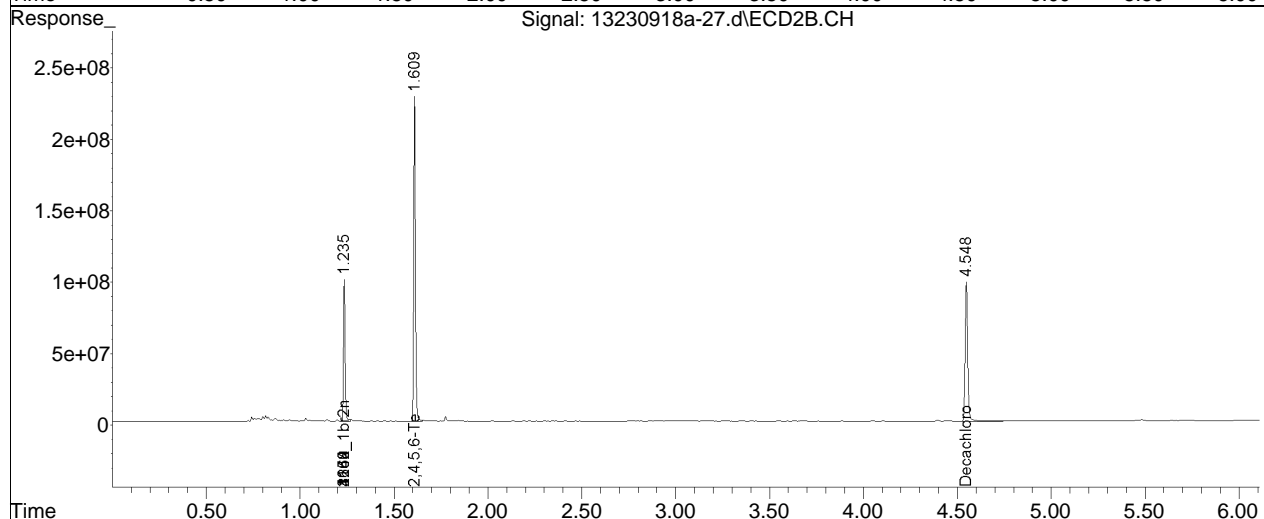
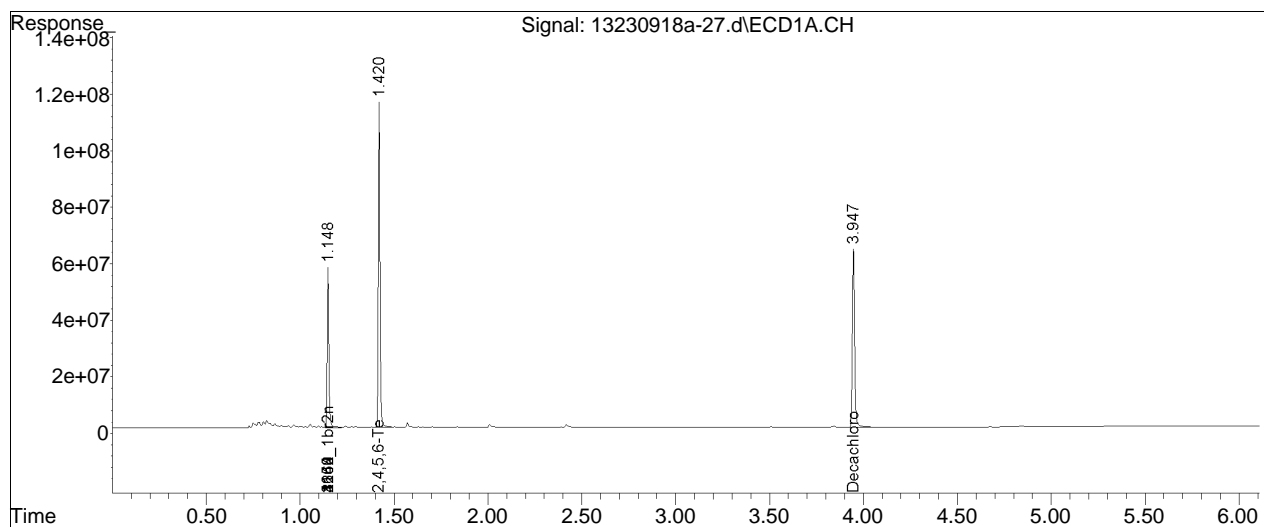
Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :

Signal #1 Phase : Signal #2 Phase:

Signal #1 Info : Signal #2 Info :



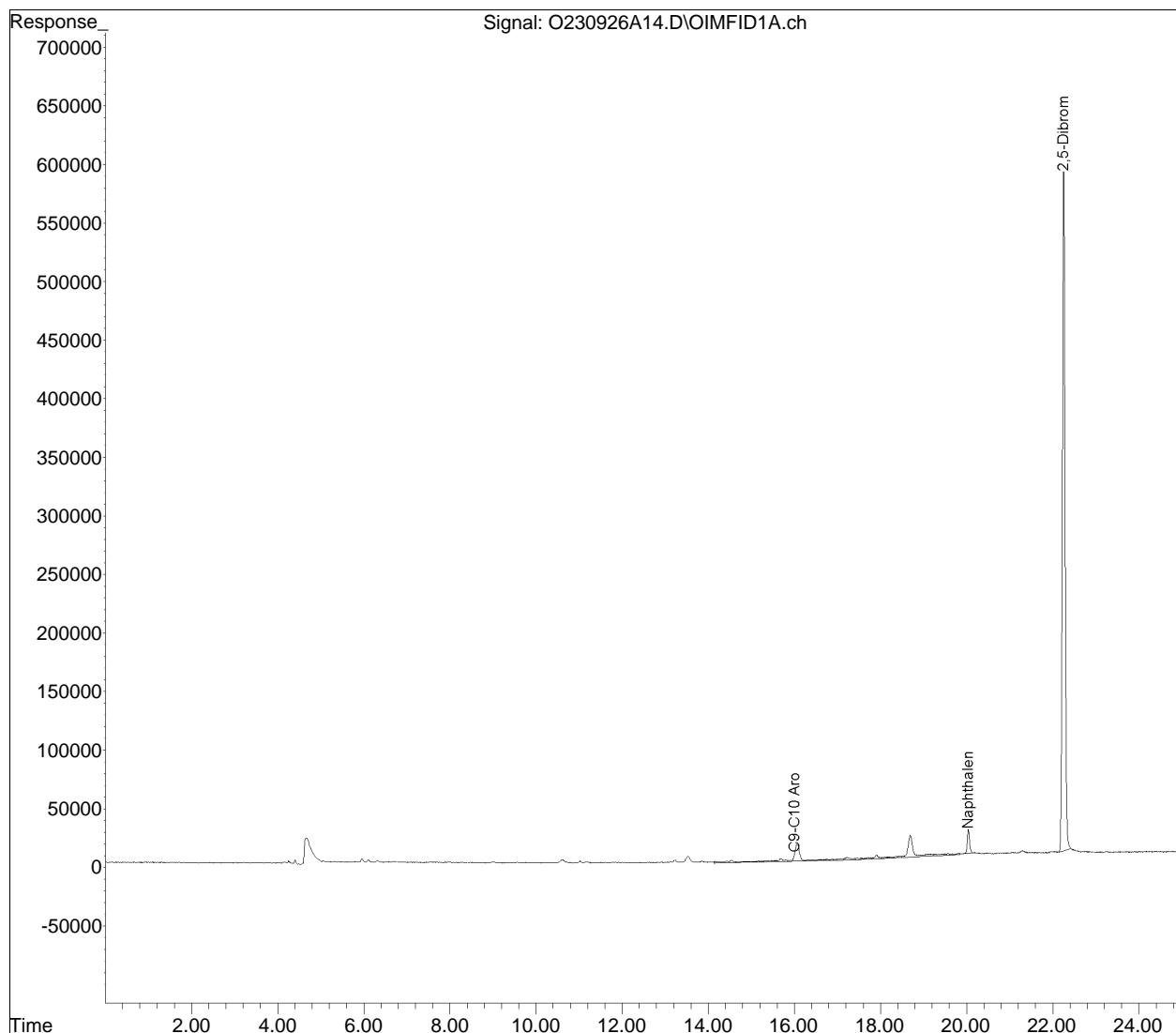
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A14.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:41:44 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



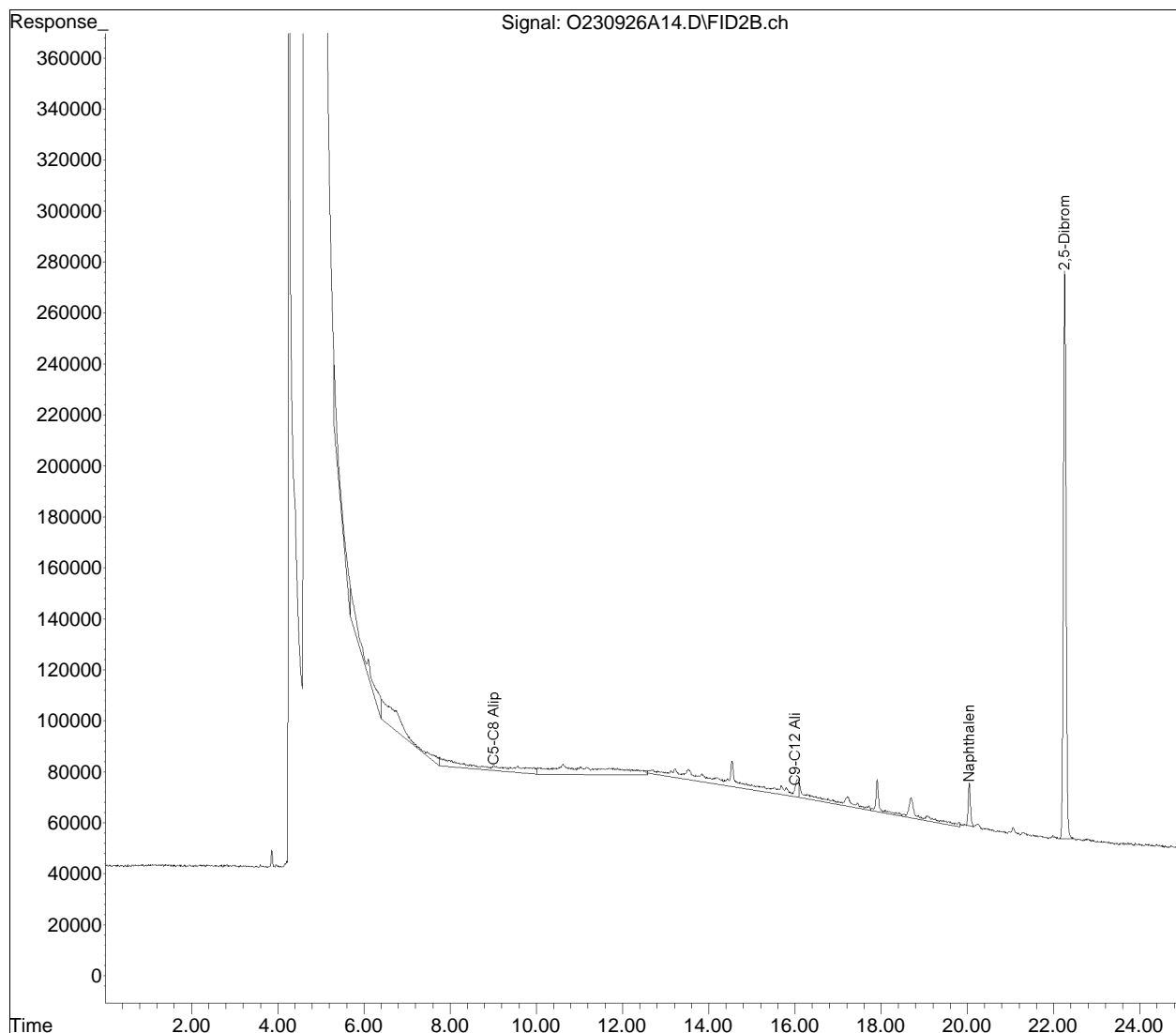
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A14.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 7:15 pm
Operator : OVPH:BAD
Sample : WG1833143-4,41,15,15,0.100,,
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:24:54 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



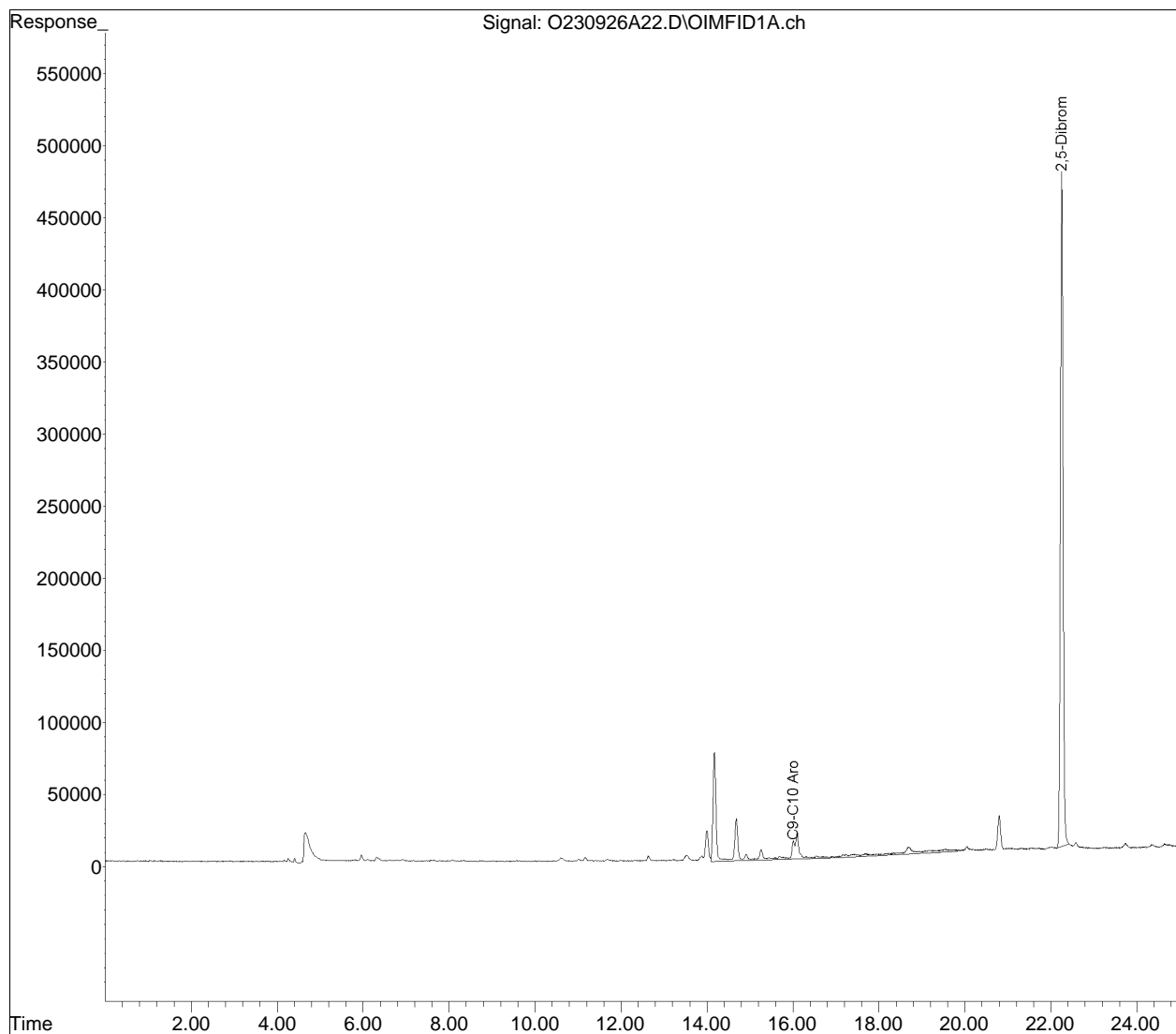
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A22.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 11:16 pm
Operator : OVPH:BAD
Sample : L2353871-01,41,15,26.44,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:41:57 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



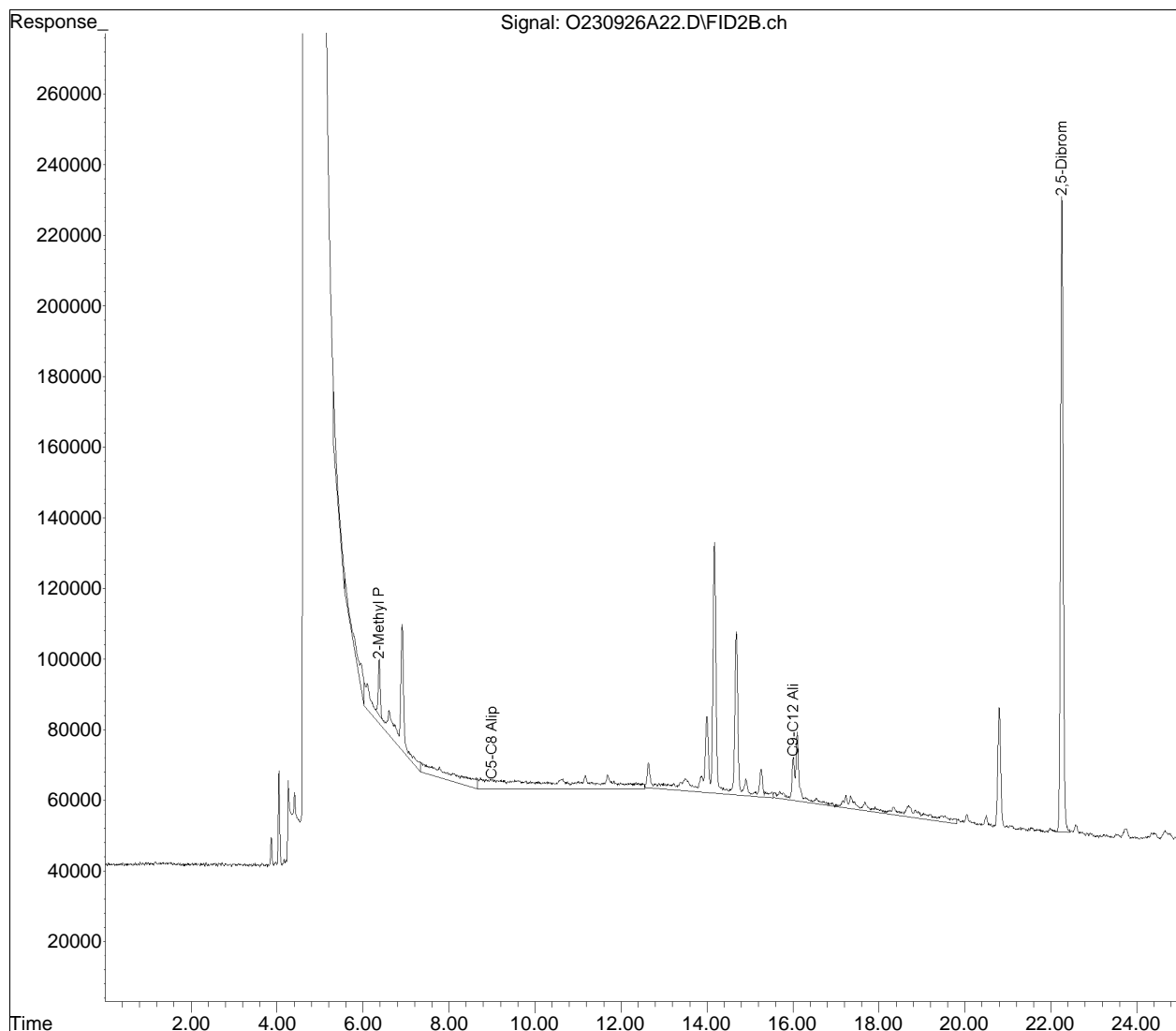
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A22.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 11:16 pm
Operator : OVPH:BAD
Sample : L2353871-01,41,15,26.44,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:06 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



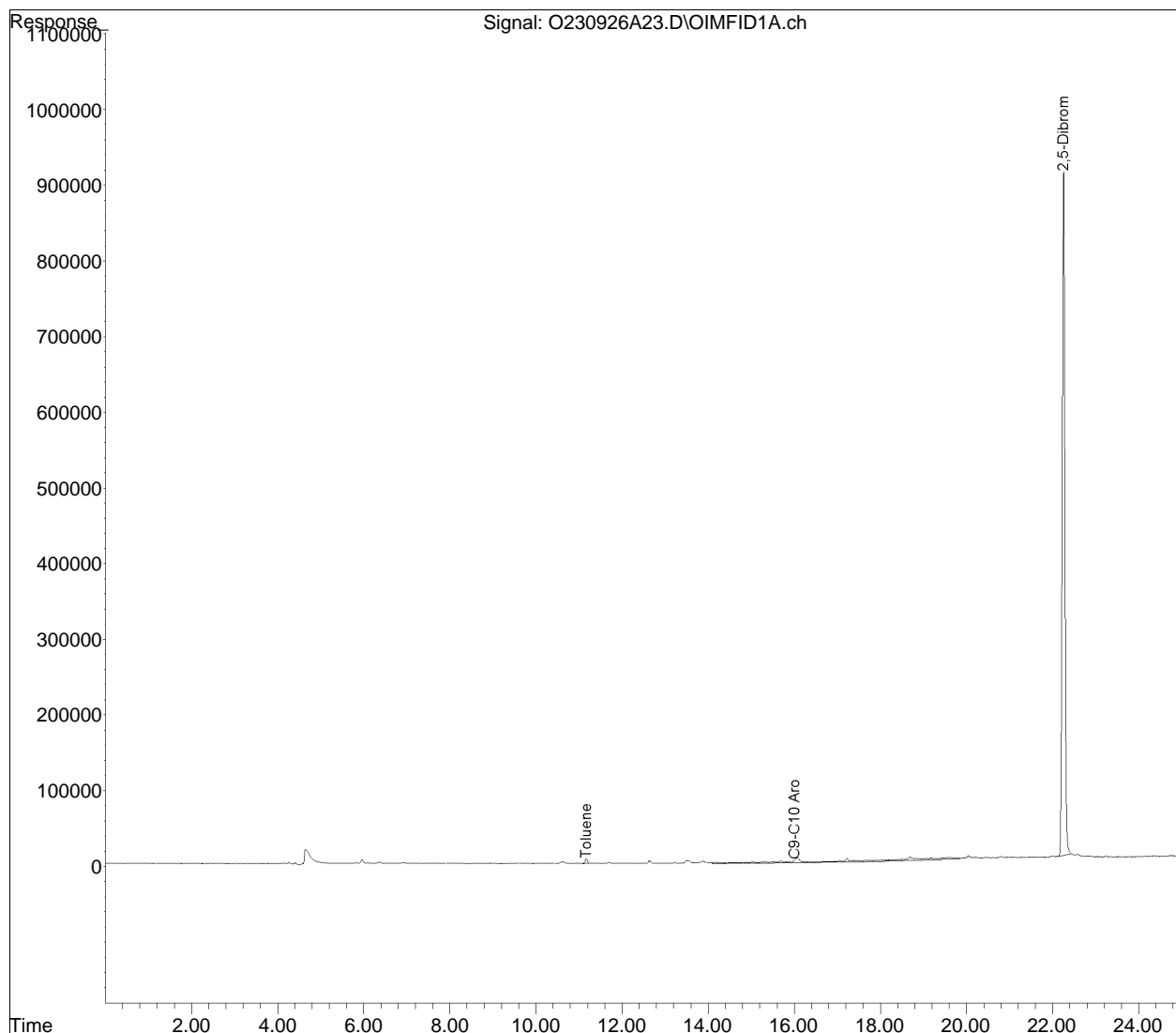
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aaro\
Data File : O230926A23.D
Signal(s) : OIMFID1A.ch
Acq On : 26 Sep 2023 11:46 pm
Operator : OVPH:BAD
Sample : L2353871-02,41,15,18.93,0.100,,A
Misc : WG1833143,ICAL20207,VPH-75
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:42:00 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



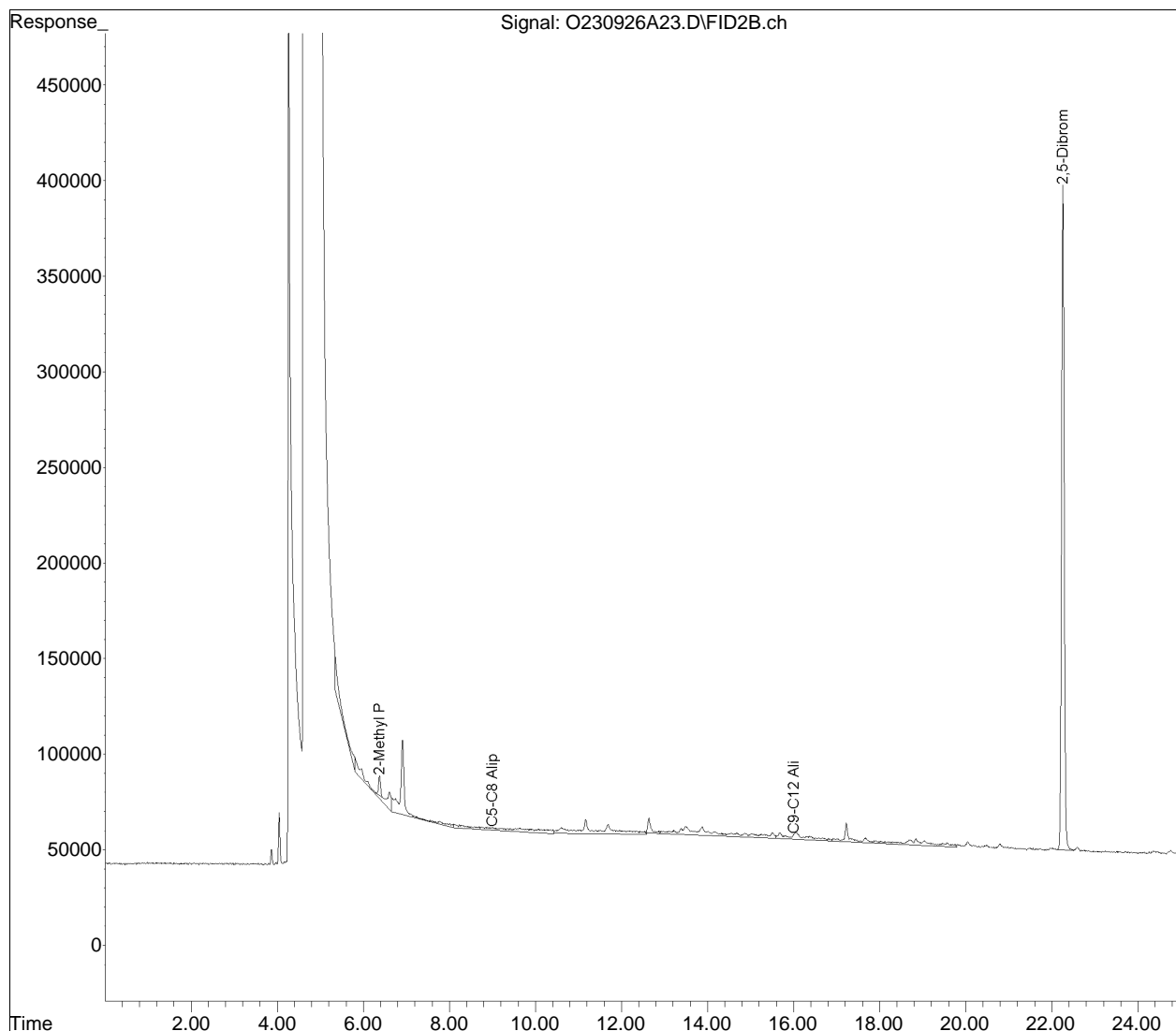
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230926Aali\
Data File : O230926A23.D
Signal(s) : FID2B.ch
Acq On : 26 Sep 2023 11:46 pm
Operator : OVPH:BAD
Sample : L2353871-02,41,15,18.93,0.100,,A
Misc : WG1833143,ICAL20206,VPH-75
ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 28 09:25:08 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230926Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

September 22, 2023

Dear Graham Parker,

The enclosed analytical results have been obtained using the EPA/600/R-93/116 method. Calibrated Visual Estimate (CVE) is used by Aerobiology for the determination of the percentage of asbestos and other components in the sample. The sample preparation technique used was in accordance with the US EPA office of Environmental Evaluation and Measurement - Region 1 requirements. This technique involves the elimination of interfering particles through the following steps: homogenization of the sample; separation of different fractions and examination under the stereomicroscope.

The quality control data related to the samples analyzed is available upon client's written request. Aerobiology Laboratory Associates, Inc., assumes no responsibility for potential sample contamination that may have occurred during the sample collection process or erroneous data provided by the client. As such, these results apply to the sample(s) as received.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

All Laboratory records are retained for at least three years unless otherwise directed in writing by the client. The actual samples are retained for a period of two months and written request is necessary in order to be retained for a longer period of time. All analytical results and records are considered strictly confidential and will not be released under any circumstances to anyone except the actual client. The analytical results included in this report apply only to the items tested. This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

If you have any questions please contact the Optical Manager or the Laboratory Manager.

Sincerely,

Aimee Cormier, Laboratory Manager

Enclosure:

LAB BATCH ID: S 134327 CLIENT PROJECT ID: L2353871

Client Ref: ME

CT ID# PH-0209; MA ID# AA000251; ME ID# LB-055; NVLAP Lab Code 200090-0; RI ID # PLM-00150; VT ID# AL254362.

Aerobiology Laboratory Associates, Inc.

Client #: 1497
 Client Project: L2353871
 Client Reference: ME
 Client Name: Alpha Analytical - Westborough
 Method: EPA/600/R-93/116; ENV.EVAL. and MEAS.- REGION 1 Requirements

Batch: S 134327
 Date Sampled: 9/13/2023
 Date Received: 9/15/2023
 Date Analyzed: 9/22/2023
 Date of Report: 9/22/2023

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-409	N/A	0	0	0	0	0	0	0	0	3	0	0	0	97
Description: Soil Location: N/A Comments:														Analyzed: Yes

Sample ID	Color	ASBESTOS %						NON-ASBESTOS %						
		CHR	AMO	CRO	ACT	TRE	ANT	FBG	MNW	CEL	HAR	SYN	OTH	NON
SD-DUP-01	N/A	0	0	0	0	0	0	0	0	3	0	0	0	97
Description: Soil Location: N/A Comments:														Analyzed: Yes

Asbestos Codes: CHR = Chrysotile AMO = Amosite CRO = Crocidolite ACT = Actinolite TRE = Tremolite ANT = Anthophyllite

Non-Asbestos Codes: FBG = Fiberglass MNW = Mineral Wool CEL = Cellulose HAR = Hair SYN = Synthetic OTH = Other NON = Non-Fibrous Minerals

Note: To create a unique lab sample ID, use the Batch # and the Sample ID (example: [Batch #] - [Sample ID]).

* All results are in percentage


 Thomas Pickett, Analyst

Client Name: Alpha Analytical - Westborough
Client Project #: L2353871
Client Reference: ME

Batch: 134327
Date Received: 9/15/2023
Date Due: 9/22/2023
Stop on first pos: Yes or No

Batch: *S* 134327

Sample ID	Description	Analyst	Stereo Scope				Optical Properties					RI		Asbestos Percent					Non-Asbestos Percent									
			SSAPE	Color	Homogeneity	Texture	Friable	Morphology	Extinction	Elongation	Sign of	Birefringence	Pleochroism	Parallel	Perpendicular	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non-Fibrous
SD-409	Soil	<i>Te</i>	<i>0</i>	<i>MA</i>																		<i>fw</i>						
																						<i>3</i>						<i>97</i>
SD-DUP-01	Soil	<i>↓</i>	<i>0</i>	<i>MA</i>																		<i>fw</i>						
																						<i>3</i>						<i>97</i>

Analyzed By / Date: *[Signature]* 9-22-23 QC By / Date: *[Signature]* 9/22/23 Fax, Email, Verbal Results By / Date: # of Samples: 2

Comments:

 <p>ALPHA ANALYTICAL World Class Chemistry</p>	<p>Subcontract Chain of Custody</p> <p>Aerobiology Laboratory (Pace) 22 Cummings Park Woburn, MA 01801</p> <p style="font-size: 2em; margin-left: 200px;">5134327</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;"> <p>Alpha Job Number L2353871</p> </td> </tr> </table>	<p>Alpha Job Number L2353871</p>
<p>Alpha Job Number L2353871</p>			

Client Information	Project Information	Regulatory Requirements/Report Limits
<p>Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019</p> <p>Phone: 508.439.5160 Email: gparker@alphalab.com</p>	<p>Project Location: ME Project Manager: Graham Parker</p> <p style="text-align: center;">Turnaround & Deliverables Information</p> <p>Due Date: Deliverables:</p>	<p>State/Federal Program: Regulatory Criteria:</p>

Project Specific Requirements and/or Report Requirements	
Reference following Alpha Job Number on final report/deliverables: L2353871	Report to include Method Blank, LCS/LCSD:
Additional Comments: Send all results/reports to subreports@alphalab.com	

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	SD-409 SD-DUP-01	09-13-23 15:40 09-13-23 15:50	SOIL SOIL	Asbestos-PLM Asbestos-PLM	

<p>Relinquished By:</p> <p><i>Fred DeLencor AAL</i> 9/15/23</p> <p><i>David DAOSAA</i> 9/15/23 12:23</p>	<p>Date/Time:</p>	<p>Received By:</p> <p><i>David DAOSAA</i> 9/15/23 7:25</p> <p><i>Margaret Valente</i> 9/15/23 12:25</p>	<p>Date/Time:</p>
Form No: AL_subcoc			



ANALYTICAL REPORT

Lab Number:	L2354782
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	10/04/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OH (CL108), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2354782-01	EF-02	WATER	WISCASSETT MAINE	09/19/23 10:00	09/19/23
L2354782-02	TRIP BLANK	WATER	WISCASSETT MAINE	09/19/23 10:30	09/19/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

The analysis of Asbestos was subcontracted. A copy of the laboratory report is included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Volatile Organics

The WG1832660-3/-4 LCS/LCSD RPD, associated with L2354782-01 and -02, is above the acceptance criteria for bromomethane (28%).

Semivolatile Organics

The WG1829482-2/-3 LCS/LCSD recoveries, associated with L2354782-01, are outside the acceptance criteria for individual target compounds, but within the overall method allowances. The results of the associated sample are reported; however, all results are considered to have a potentially high bias for pentachlorophenol (122%/124%) and a potentially low bias for aniline (LCSD 22%).

The WG1829482-3 LCSD recoveries, associated with L2354782-01, are below the acceptance criteria for benzidine (1%) and pyridine (4%); however, they have been identified as "difficult" analytes. The results of the associated sample are reported.

The WG1829482-2/-3 LCS/LCSD RPD(s), associated with L2354782-01, are above the acceptance criteria for benzidine (187%), aniline (58%), benzoic acid (79%), and pyridine (151%).

EPH

The WG1833459-2/-3 LCS/LCSD recoveries, associated with L2354782-01, are outside the acceptance criteria for dibenzo(a,h)anthracene (36%/31%).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 10/04/23

ORGANICS

VOLATILES

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/27/23 01:18
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	0.41	J	ug/l	2.0	0.20	1
Bromomethane	0.33	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	95		70-130

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8260D
 Analytical Date: 09/27/23 01:44
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	3.0	0.68	1
1,1-Dichloroethane	ND		ug/l	0.75	0.21	1
Chloroform	ND		ug/l	0.75	0.22	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	0.50	0.18	1
Trichlorofluoromethane	ND		ug/l	1.0	0.16	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
1,1-Dichloropropene	ND		ug/l	1.0	0.24	1
Bromoform	ND		ug/l	1.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	0.75	0.20	1
Ethylbenzene	ND		ug/l	0.50	0.17	1
Chloromethane	ND		ug/l	2.0	0.20	1
Bromomethane	0.35	J	ug/l	1.0	0.26	1
Vinyl chloride	ND		ug/l	0.20	0.07	1
Chloroethane	ND		ug/l	1.0	0.13	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16	1
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19	1
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19	1
Methyl tert butyl ether	ND		ug/l	1.0	0.17	1
p/m-Xylene	ND		ug/l	1.0	0.33	1
o-Xylene	ND		ug/l	1.0	0.39	1
Xylenes, Total	ND		ug/l	1.0	0.33	1
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19	1
Dibromomethane	ND		ug/l	1.0	0.36	1
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18	1
Styrene	ND		ug/l	1.0	0.36	1
Dichlorodifluoromethane	ND		ug/l	2.0	0.24	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	1.0	0.30	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42	1
2-Hexanone	ND		ug/l	5.0	0.52	1
Bromochloromethane	ND		ug/l	1.0	0.15	1
Tetrahydrofuran	ND		ug/l	2.0	0.52	1
2,2-Dichloropropane	ND		ug/l	1.0	0.20	1
1,2-Dibromoethane	ND		ug/l	1.0	0.19	1
1,3-Dichloropropane	ND		ug/l	1.0	0.21	1
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16	1
Bromobenzene	ND		ug/l	1.0	0.15	1
n-Butylbenzene	ND		ug/l	0.50	0.19	1
sec-Butylbenzene	ND		ug/l	0.50	0.18	1
tert-Butylbenzene	ND		ug/l	1.0	0.20	1
o-Chlorotoluene	ND		ug/l	1.0	0.22	1
p-Chlorotoluene	ND		ug/l	1.0	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35	1
Hexachlorobutadiene	ND		ug/l	0.50	0.22	1
Isopropylbenzene	ND		ug/l	0.50	0.19	1
p-Isopropyltoluene	ND		ug/l	0.50	0.19	1
Naphthalene	ND		ug/l	1.0	0.22	1
n-Propylbenzene	ND		ug/l	0.50	0.17	1
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23	1
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22	1
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-02
 Client ID: TRIP BLANK
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:30
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14	1
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19	1
Ethyl ether	ND		ug/l	1.0	0.16	1
Diisopropyl Ether	ND		ug/l	1.0	0.42	1
Tert-Butyl Alcohol	ND		ug/l	10	1.4	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18	1
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 20:55
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832660-5					
Methylene chloride	ND		ug/l	2.0	0.68
1,1-Dichloroethane	ND		ug/l	0.75	0.21
Chloroform	ND		ug/l	0.75	0.22
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	0.75	0.14
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	0.50	0.18
Trichlorofluoromethane	ND		ug/l	1.0	0.16
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	0.50	0.16
Bromodichloromethane	ND		ug/l	0.50	0.19
1,1-Dichloropropene	ND		ug/l	1.0	0.24
Bromoform	ND		ug/l	1.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	0.75	0.20
Ethylbenzene	ND		ug/l	0.50	0.17
Chloromethane	ND		ug/l	2.0	0.20
Bromomethane	0.34	J	ug/l	1.0	0.26
Vinyl chloride	ND		ug/l	0.20	0.07
Chloroethane	ND		ug/l	1.0	0.13
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	0.75	0.16
1,2-Dichloroethene, Total	ND		ug/l	0.50	0.16
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	1.0	0.18
1,3-Dichlorobenzene	ND		ug/l	1.0	0.19

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 20:55
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832660-5					
1,4-Dichlorobenzene	ND		ug/l	1.0	0.19
Methyl tert butyl ether	ND		ug/l	1.0	0.17
p/m-Xylene	ND		ug/l	1.0	0.33
o-Xylene	ND		ug/l	1.0	0.39
Xylenes, Total	ND		ug/l	1.0	0.33
cis-1,2-Dichloroethene	ND		ug/l	0.50	0.19
Dibromomethane	ND		ug/l	1.0	0.36
1,2,3-Trichloropropane	ND		ug/l	1.0	0.18
Styrene	ND		ug/l	1.0	0.36
Dichlorodifluoromethane	ND		ug/l	2.0	0.24
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	1.0	0.30
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	0.42
2-Hexanone	ND		ug/l	5.0	0.52
Bromochloromethane	ND		ug/l	1.0	0.15
Tetrahydrofuran	ND		ug/l	2.0	0.52
2,2-Dichloropropane	ND		ug/l	1.0	0.20
1,2-Dibromoethane	ND		ug/l	1.0	0.19
1,3-Dichloropropane	ND		ug/l	1.0	0.21
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.16
Bromobenzene	ND		ug/l	1.0	0.15
n-Butylbenzene	ND		ug/l	0.50	0.19
sec-Butylbenzene	ND		ug/l	0.50	0.18
tert-Butylbenzene	ND		ug/l	1.0	0.20
o-Chlorotoluene	ND		ug/l	1.0	0.22
p-Chlorotoluene	ND		ug/l	1.0	0.18
1,2-Dibromo-3-chloropropane	ND		ug/l	1.0	0.35
Hexachlorobutadiene	ND		ug/l	0.50	0.22

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 09/26/23 20:55
Analyst: TMS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1832660-5					
Isopropylbenzene	ND		ug/l	0.50	0.19
p-Isopropyltoluene	ND		ug/l	0.50	0.19
Naphthalene	ND		ug/l	1.0	0.22
n-Propylbenzene	ND		ug/l	0.50	0.17
1,2,3-Trichlorobenzene	ND		ug/l	1.0	0.23
1,2,4-Trichlorobenzene	ND		ug/l	1.0	0.22
1,3,5-Trimethylbenzene	ND		ug/l	1.0	0.22
1,3,5-Trichlorobenzene	ND		ug/l	1.0	0.14
1,2,4-Trimethylbenzene	ND		ug/l	1.0	0.19
Ethyl ether	ND		ug/l	1.0	0.16
Diisopropyl Ether	ND		ug/l	1.0	0.42
Tert-Butyl Alcohol	ND		ug/l	10	1.4
Ethyl-Tert-Butyl-Ether	ND		ug/l	1.0	0.18
Tertiary-Amyl Methyl Ether	ND		ug/l	1.0	0.28

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832660-3 WG1832660-4								
Methylene chloride	89		90		70-130	1		20
1,1-Dichloroethane	92		91		70-130	1		20
Chloroform	91		89		70-130	2		20
Carbon tetrachloride	89		89		63-132	0		20
1,2-Dichloropropane	90		89		70-130	1		20
Dibromochloromethane	93		94		63-130	1		20
1,1,2-Trichloroethane	99		100		70-130	1		20
Tetrachloroethene	94		94		70-130	0		20
Chlorobenzene	100		99		75-130	1		25
Trichlorofluoromethane	97		98		62-150	1		20
1,2-Dichloroethane	89		88		70-130	1		20
1,1,1-Trichloroethane	90		90		67-130	0		20
Bromodichloromethane	88		87		67-130	1		20
1,1-Dichloropropene	91		91		70-130	0		20
Bromoform	85		88		54-136	3		20
1,1,1,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	92		92		70-130	0		25
Toluene	99		100		70-130	1		25
Ethylbenzene	99		98		70-130	1		20
Chloromethane	76		78		64-130	3		20
Bromomethane	46		61		39-139	28	Q	20
Vinyl chloride	94		94		55-140	0		20
Chloroethane	100		100		55-138	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832660-3 WG1832660-4								
1,1-Dichloroethene	98		98		61-145	0		25
trans-1,2-Dichloroethene	88		90		70-130	2		20
Trichloroethene	86		84		70-130	2		25
1,2-Dichlorobenzene	97		97		70-130	0		20
1,3-Dichlorobenzene	98		97		70-130	1		20
1,4-Dichlorobenzene	97		98		70-130	1		20
Methyl tert butyl ether	83		84		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	89		90		70-130	1		20
Dibromomethane	90		90		70-130	0		20
1,2,3-Trichloropropane	91		92		64-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	80		81		36-147	1		20
Acetone	79		85		58-148	7		20
Carbon disulfide	92		93		51-130	1		20
2-Butanone	85		88		63-138	3		20
4-Methyl-2-pentanone	86		89		59-130	3		20
2-Hexanone	77		81		57-130	5		20
Bromochloromethane	92		91		70-130	1		20
Tetrahydrofuran	88		86		58-130	2		20
2,2-Dichloropropane	93		93		63-133	0		20
1,2-Dibromoethane	99		100		70-130	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832660-3 WG1832660-4								
1,3-Dichloropropane	99		99		70-130	0		20
1,1,1,2-Tetrachloroethane	97		97		64-130	0		20
Bromobenzene	99		98		70-130	1		20
n-Butylbenzene	98		98		53-136	0		20
sec-Butylbenzene	99		100		70-130	1		20
tert-Butylbenzene	98		98		70-130	0		20
o-Chlorotoluene	100		99		70-130	1		20
p-Chlorotoluene	99		98		70-130	1		20
1,2-Dibromo-3-chloropropane	84		84		41-144	0		20
Hexachlorobutadiene	84		87		63-130	4		20
Isopropylbenzene	99		100		70-130	1		20
p-Isopropyltoluene	97		97		70-130	0		20
Naphthalene	88		94		70-130	7		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	86		93		70-130	8		20
1,2,4-Trichlorobenzene	88		90		70-130	2		20
1,3,5-Trimethylbenzene	97		97		64-130	0		20
1,3,5-Trichlorobenzene	91		93		70-130	2		20
1,2,4-Trimethylbenzene	98		98		70-130	0		20
Ethyl ether	95		94		59-134	1		20
Diisopropyl Ether	84		84		70-130	0		20
Tert-Butyl Alcohol	80		86		70-130	7		20
Ethyl-Tert-Butyl-Ether	84		84		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1832660-3 WG1832660-4								
Tertiary-Amyl Methyl Ether	83		83		66-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		96		70-130
Toluene-d8	105		105		70-130
4-Bromofluorobenzene	98		97		70-130
Dibromofluoromethane	96		96		70-130

SEMIVOLATILES

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E
 Analytical Date: 09/21/23 01:48
 Analyst: IM

Extraction Method: EPA 3510C
 Extraction Date: 09/20/23 00:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzidine	ND		ug/l	20	8.1	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37	1
Azobenzene	ND		ug/l	2.0	0.81	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.61	1
Isophorone	ND		ug/l	5.0	0.66	1
Nitrobenzene	ND		ug/l	2.0	0.66	1
NDPA/DPA	ND		ug/l	2.0	0.65	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.58	1
Di-n-octylphthalate	ND		ug/l	5.0	2.4	1
Diethyl phthalate	ND		ug/l	5.0	4.3	1
Dimethyl phthalate	ND		ug/l	5.0	4.4	1
Biphenyl	ND		ug/l	2.0	0.64	1
Aniline	ND		ug/l	2.0	0.48	1
4-Chloroaniline	ND		ug/l	5.0	0.65	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2-Nitroaniline	ND		ug/l	5.0	0.52	1
3-Nitroaniline	ND		ug/l	5.0	0.57	1
4-Nitroaniline	ND		ug/l	5.0	0.58	1
Dibenzofuran	ND		ug/l	2.0	0.82	1
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.41	1
2-Chlorophenol	ND		ug/l	2.0	0.40	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.53	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.1	1
2-Nitrophenol	ND		ug/l	10	0.46	1
4-Nitrophenol	ND		ug/l	10	1.1	1
2,4-Dinitrophenol	ND		ug/l	20	3.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4	1
Phenol	ND		ug/l	5.0	1.3	1
2-Methylphenol	ND		ug/l	5.0	1.1	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38	1
Benzoic Acid	ND		ug/l	50	13.	1
Benzyl Alcohol	ND		ug/l	2.0	0.70	1
Carbazole	ND		ug/l	2.0	0.76	1
Pyridine	ND		ug/l	3.5	0.90	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	109		10-120
4-Terphenyl-d14	85		41-149

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 09/21/23 17:12
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 09/20/23 00:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.04	1
2-Chloronaphthalene	ND		ug/l	0.20	0.04	1
Fluoranthene	ND		ug/l	0.10	0.04	1
Hexachlorobutadiene	ND		ug/l	0.50	0.04	1
Naphthalene	ND		ug/l	0.10	0.04	1
Benzo(a)anthracene	0.02	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.04	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04	1
Chrysene	ND		ug/l	0.10	0.04	1
Acenaphthylene	ND		ug/l	0.10	0.04	1
Anthracene	ND		ug/l	0.10	0.04	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.04	1
Fluorene	ND		ug/l	0.10	0.04	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04	1
Pyrene	ND		ug/l	0.10	0.04	1
1-Methylnaphthalene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.05	1
Pentachlorophenol	ND		ug/l	0.80	0.22	1
Hexachlorobenzene	ND		ug/l	0.80	0.03	1
Hexachloroethane	ND		ug/l	0.80	0.03	1

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01

Date Collected: 09/19/23 10:00

Client ID: EF-02

Date Received: 09/19/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	95		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 00:38
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatiles Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1829482-1					
Acenaphthene	ND		ug/l	2.0	1.1
Benzidine	ND		ug/l	20	8.1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.58
Hexachlorobenzene	ND		ug/l	2.0	0.69
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.88
2-Chloronaphthalene	ND		ug/l	2.0	0.54
1,2-Dichlorobenzene	ND		ug/l	2.0	0.64
1,3-Dichlorobenzene	ND		ug/l	2.0	0.64
1,4-Dichlorobenzene	ND		ug/l	2.0	0.46
3,3'-Dichlorobenzidine	ND		ug/l	5.0	0.85
2,4-Dinitrotoluene	ND		ug/l	5.0	0.38
2,6-Dinitrotoluene	ND		ug/l	5.0	0.37
Azobenzene	ND		ug/l	2.0	0.81
Fluoranthene	ND		ug/l	2.0	0.65
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.80
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.63
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	1.8
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	1.5
Hexachlorobutadiene	ND		ug/l	2.0	0.60
Hexachlorocyclopentadiene	ND		ug/l	20	0.61
Hexachloroethane	ND		ug/l	2.0	0.44
Isophorone	ND		ug/l	5.0	0.66
Naphthalene	ND		ug/l	2.0	0.67
Nitrobenzene	ND		ug/l	2.0	0.66
NDPA/DPA	ND		ug/l	2.0	0.65
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.77
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	2.2
Di-n-butylphthalate	ND		ug/l	5.0	0.58

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 09/21/23 00:38
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1829482-1					
Di-n-octylphthalate	ND		ug/l	5.0	2.4
Diethyl phthalate	ND		ug/l	5.0	4.3
Dimethyl phthalate	ND		ug/l	5.0	4.4
Benzo(a)anthracene	ND		ug/l	2.0	0.77
Benzo(a)pyrene	ND		ug/l	2.0	0.45
Benzo(b)fluoranthene	ND		ug/l	2.0	0.81
Benzo(k)fluoranthene	ND		ug/l	2.0	0.82
Chrysene	ND		ug/l	2.0	0.83
Acenaphthylene	ND		ug/l	2.0	0.59
Anthracene	ND		ug/l	2.0	0.79
Benzo(ghi)perylene	ND		ug/l	2.0	0.77
Fluorene	ND		ug/l	2.0	1.0
Phenanthrene	ND		ug/l	2.0	0.99
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.45
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.94
Pyrene	ND		ug/l	2.0	0.70
Biphenyl	ND		ug/l	2.0	0.64
Aniline	ND		ug/l	2.0	0.48
4-Chloroaniline	ND		ug/l	5.0	0.65
1-Methylnaphthalene	ND		ug/l	2.0	0.60
2-Nitroaniline	ND		ug/l	5.0	0.52
3-Nitroaniline	ND		ug/l	5.0	0.57
4-Nitroaniline	ND		ug/l	5.0	0.58
Dibenzofuran	ND		ug/l	2.0	0.82
2-Methylnaphthalene	ND		ug/l	2.0	0.68
n-Nitrosodimethylamine	ND		ug/l	2.0	0.52
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.49
p-Chloro-m-cresol	ND		ug/l	2.0	0.41
2-Chlorophenol	ND		ug/l	2.0	0.40

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

**Method Blank Analysis
Batch Quality Control**

Analytical Method: 1,8270E
Analytical Date: 09/21/23 00:38
Analyst: IM

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatle Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1829482-1					
2,4-Dichlorophenol	ND		ug/l	5.0	0.53
2,4-Dimethylphenol	ND		ug/l	5.0	1.1
2-Nitrophenol	ND		ug/l	10	0.46
4-Nitrophenol	ND		ug/l	10	1.1
2,4-Dinitrophenol	ND		ug/l	20	3.6
4,6-Dinitro-o-cresol	ND		ug/l	10	5.4
Pentachlorophenol	ND		ug/l	10	2.0
Phenol	ND		ug/l	5.0	1.3
2-Methylphenol	ND		ug/l	5.0	1.1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.55
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.38
Benzoic Acid	ND		ug/l	50	13.
Benzyl Alcohol	ND		ug/l	2.0	0.70
Carbazole	ND		ug/l	2.0	0.76
Pyridine	ND		ug/l	3.5	0.90

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	93		10-120
4-Terphenyl-d14	78		41-149

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 16:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1829483-1					
Acenaphthene	ND		ug/l	0.10	0.04
2-Chloronaphthalene	ND		ug/l	0.20	0.04
Fluoranthene	ND		ug/l	0.10	0.04
Hexachlorobutadiene	ND		ug/l	0.50	0.04
Naphthalene	ND		ug/l	0.10	0.04
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.04
Benzo(b)fluoranthene	ND		ug/l	0.10	0.02
Benzo(k)fluoranthene	ND		ug/l	0.10	0.04
Chrysene	ND		ug/l	0.10	0.04
Acenaphthylene	ND		ug/l	0.10	0.04
Anthracene	ND		ug/l	0.10	0.04
Benzo(ghi)perylene	ND		ug/l	0.10	0.04
Fluorene	ND		ug/l	0.10	0.04
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.04
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.04
Pyrene	ND		ug/l	0.10	0.04
1-Methylnaphthalene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.05
Pentachlorophenol	ND		ug/l	0.80	0.22
Hexachlorobenzene	ND		ug/l	0.80	0.03
Hexachloroethane	ND		ug/l	0.80	0.03

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 09/21/23 16:56
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 09/20/23 00:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1829483-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	87		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1829482-2 WG1829482-3								
Acenaphthene	79		77		37-111	3		30
Benzidine	36		1	Q	10-75	187	Q	30
1,2,4-Trichlorobenzene	75		72		39-98	4		30
Hexachlorobenzene	89		87		40-140	2		30
Bis(2-chloroethyl)ether	69		67		40-140	3		30
2-Chloronaphthalene	82		79		40-140	4		30
1,2-Dichlorobenzene	73		69		40-140	6		30
1,3-Dichlorobenzene	73		69		40-140	6		30
1,4-Dichlorobenzene	72		68		36-97	6		30
3,3'-Dichlorobenzidine	75		82		40-140	9		30
2,4-Dinitrotoluene	88		87		48-143	1		30
2,6-Dinitrotoluene	84		82		40-140	2		30
Azobenzene	67		66		40-140	2		30
Fluoranthene	84		81		40-140	4		30
4-Chlorophenyl phenyl ether	84		82		40-140	2		30
4-Bromophenyl phenyl ether	87		83		40-140	5		30
Bis(2-chloroisopropyl)ether	63		59		40-140	7		30
Bis(2-chloroethoxy)methane	69		67		40-140	3		30
Hexachlorobutadiene	73		71		40-140	3		30
Hexachlorocyclopentadiene	88		99		40-140	12		30
Hexachloroethane	62		59		40-140	5		30
Isophorone	67		66		40-140	2		30
Naphthalene	81		76		40-140	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1829482-2 WG1829482-3								
Nitrobenzene	69		67		40-140	3		30
NDPA/DPA	83		80		40-140	4		30
n-Nitrosodi-n-propylamine	66		65		29-132	2		30
Bis(2-ethylhexyl)phthalate	70		68		40-140	3		30
Butyl benzyl phthalate	76		72		40-140	5		30
Di-n-butylphthalate	76		73		40-140	4		30
Di-n-octylphthalate	70		68		40-140	3		30
Diethyl phthalate	74		72		40-140	3		30
Dimethyl phthalate	82		80		40-140	2		30
Benzo(a)anthracene	82		80		40-140	2		30
Benzo(a)pyrene	96		97		40-140	1		30
Benzo(b)fluoranthene	86		87		40-140	1		30
Benzo(k)fluoranthene	94		93		40-140	1		30
Chrysene	83		81		40-140	2		30
Acenaphthylene	88		86		45-123	2		30
Anthracene	85		82		40-140	4		30
Benzo(ghi)perylene	82		82		40-140	0		30
Fluorene	81		79		40-140	3		30
Phenanthrene	82		80		40-140	2		30
Dibenzo(a,h)anthracene	83		83		40-140	0		30
Indeno(1,2,3-cd)pyrene	92		86		40-140	7		30
Pyrene	85		80		26-127	6		30
Biphenyl	89		85		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1829482-2 WG1829482-3								
Aniline	40		22	Q	40-140	58	Q	30
4-Chloroaniline	48		43		40-140	11		30
1-Methylnaphthalene	67		64		41-103	5		30
2-Nitroaniline	90		88		52-143	2		30
3-Nitroaniline	69		72		25-145	4		30
4-Nitroaniline	79		83		51-143	5		30
Dibenzofuran	83		80		40-140	4		30
2-Methylnaphthalene	85		81		40-140	5		30
n-Nitrosodimethylamine	43		45		22-74	5		30
2,4,6-Trichlorophenol	98		96		30-130	2		30
p-Chloro-m-cresol	82		81		23-97	1		30
2-Chlorophenol	78		75		27-123	4		30
2,4-Dichlorophenol	86		83		30-130	4		30
2,4-Dimethylphenol	64		74		30-130	14		30
2-Nitrophenol	84		82		30-130	2		30
4-Nitrophenol	51		52		10-80	2		30
2,4-Dinitrophenol	99		105		20-130	6		30
4,6-Dinitro-o-cresol	107		106		20-164	1		30
Pentachlorophenol	122	Q	124	Q	9-103	2		30
Phenol	47		46		12-110	2		30
2-Methylphenol	75		75		30-130	0		30
3-Methylphenol/4-Methylphenol	73		72		30-130	1		30
2,4,5-Trichlorophenol	93		91		30-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2354782

Report Date: 10/04/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	RPD	
	%Recovery	Qual	%Recovery	Qual			Qual	Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1829482-2 WG1829482-3								
Benzoic Acid	22		51		10-164	79	Q	30
Benzyl Alcohol	62		62		26-116	0		30
Carbazole	84		81		55-144	4		30
Pyridine	27		4	Q	10-66	151	Q	30

Surrogate	LCS		LCSD		Acceptance Criteria
	%Recovery	Qual	%Recovery	Qual	
2-Fluorophenol	67		66		21-120
Phenol-d6	45		46		10-120
Nitrobenzene-d5	73		70		23-120
2-Fluorobiphenyl	89		85		15-120
2,4,6-Tribromophenol	114		109		10-120
4-Terphenyl-d14	87		82		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1829483-2 WG1829483-3								
Acenaphthene	66		77		40-140	15		40
2-Chloronaphthalene	72		84		40-140	15		40
Fluoranthene	78		91		40-140	15		40
Hexachlorobutadiene	66		82		40-140	22		40
Naphthalene	63		78		40-140	21		40
Benzo(a)anthracene	80		89		40-140	11		40
Benzo(a)pyrene	85		97		40-140	13		40
Benzo(b)fluoranthene	74		86		40-140	15		40
Benzo(k)fluoranthene	76		85		40-140	11		40
Chrysene	70		82		40-140	16		40
Acenaphthylene	84		97		40-140	14		40
Anthracene	74		86		40-140	15		40
Benzo(ghi)perylene	71		80		40-140	12		40
Fluorene	72		84		40-140	15		40
Phenanthrene	67		78		40-140	15		40
Dibenzo(a,h)anthracene	80		93		40-140	15		40
Indeno(1,2,3-cd)pyrene	99		111		40-140	11		40
Pyrene	78		91		40-140	15		40
1-Methylnaphthalene	68		81		40-140	17		40
2-Methylnaphthalene	70		85		40-140	19		40
Pentachlorophenol	94		104		40-140	10		40
Hexachlorobenzene	63		74		40-140	16		40
Hexachloroethane	59		78		40-140	28		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01 Batch: WG1829483-2 WG1829483-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		64		21-120
Phenol-d6	36		45		10-120
Nitrobenzene-d5	73		92		23-120
2-Fluorobiphenyl	74		87		15-120
2,4,6-Tribromophenol	63		73		10-120
4-Terphenyl-d14	84		98		41-149

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 131, VPH-18-2.1
 Analytical Date: 09/28/23 23:10
 Analyst: BAD

Trap: EST, Carboxen B/Carboxen 1000&1001**Analytical Column:** Restek, RTX-502.2, 105m, 0.53ID, 3um**Quality Control Information**

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - Westborough Lab

C5-C8 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics	ND		ug/l	50.0	50.0	1
C9-C10 Aromatics	ND		ug/l	50.0	50.0	1
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	101		70-130
2,5-Dibromotoluene-FID	104		70-130

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water
 Analytical Method: 135,EPH-19-2.1
 Analytical Date: 09/29/23 09:55
 Analyst: MTC

Extraction Method: EPA 3510C
 Extraction Date: 09/28/23 23:39
 Cleanup Method1: EPH-19-2.1
 Cleanup Date1: 09/29/23

Quality Control Information

Condition of sample received: Satisfactory
 Aqueous Preservative: Laboratory Provided Preserved Container
 Sample Temperature upon receipt: Received on Ice
 Sample Extraction method: Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Extractable Petroleum Hydrocarbons - Westborough Lab						
C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	54		40-140
o-Terphenyl	51		40-140
2-Fluorobiphenyl	56		40-140
2-Bromonaphthalene	57		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 09/29/23 08:49
Analyst: LMR

Extraction Method: EPA 3510C
Extraction Date: 09/28/23 23:39
Cleanup Method: EPH-19-2.1
Cleanup Date: 09/29/23

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1833459-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	57		40-140
o-Terphenyl	63		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	67		40-140

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH-18-2.1
Analytical Date: 09/28/23 20:39
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG1834097-4					
C5-C8 Aliphatics	ND		ug/l	50.0	50.0
C9-C12 Aliphatics	ND		ug/l	50.0	50.0
C9-C10 Aromatics	ND		ug/l	50.0	50.0
C5-C8 Aliphatics, Adjusted	ND		ug/l	50.0	50.0
C9-C12 Aliphatics, Adjusted	ND		ug/l	50.0	50.0

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	111		70-130
2,5-Dibromotoluene-FID	112		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1833459-2 WG1833459-3								
C9-C18 Aliphatics	54		66		40-140	20		25
C19-C36 Aliphatics	90		87		40-140	3		25
C11-C22 Aromatics	76		68		40-140	11		25
Naphthalene	67		64		40-140	5		25
2-Methylnaphthalene	72		69		40-140	4		25
Acenaphthylene	70		66		40-140	6		25
Acenaphthene	75		70		40-140	7		25
Fluorene	78		71		40-140	9		25
Phenanthrene	78		70		40-140	11		25
Anthracene	79		70		40-140	12		25
Fluoranthene	76		66		40-140	14		25
Pyrene	78		68		40-140	14		25
Benzo(a)anthracene	77		67		40-140	14		25
Chrysene	66		57		40-140	15		25
Benzo(b)fluoranthene	74		64		40-140	14		25
Benzo(k)fluoranthene	71		61		40-140	15		25
Benzo(a)pyrene	78		68		40-140	14		25
Indeno(1,2,3-cd)Pyrene	75		64		40-140	16		25
Dibenzo(a,h)anthracene	36	Q	31	Q	40-140	15		25
Benzo(ghi)perylene	72		61		40-140	17		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Parameter	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>%Recovery</i> Limits	<i>RPD</i>	<i>Qual</i>	<i>RPD</i> Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1833459-2 WG1833459-3								

<i>Surrogate</i>	<i>LCS</i> %Recovery	<i>Qual</i>	<i>LCSD</i> %Recovery	<i>Qual</i>	<i>Acceptance</i> Criteria
Chloro-Octadecane	49		63		40-140
o-Terphenyl	73		63		40-140
2-Fluorobiphenyl	78		73		40-140
2-Bromonaphthalene	80		74		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG1834097-2 WG1834097-3								
C5-C8 Aliphatics	109		110		70-130	1		25
C9-C12 Aliphatics	109		105		70-130	4		25
C9-C10 Aromatics	118		112		70-130	5		25
Benzene	109		108		70-130	1		25
Toluene	115		110		70-130	4		25
Ethylbenzene	120		113		70-130	6		25
p/m-Xylene	117		110		70-130	6		25
o-Xylene	121		114		70-130	6		25
Methyl tert butyl ether	117		113		70-130	3		25
Naphthalene	130		125		70-130	4		25
1,2,4-Trimethylbenzene	118		112		70-130	5		25
Pentane	110		112		70-130	2		25
2-Methylpentane	110		111		70-130	1		25
2,2,4-Trimethylpentane	106		107		70-130	1		25
n-Nonane	105		104		30-130	1		25
n-Decane	109		105		70-130	4		25
n-Butylcyclohexane	113		108		70-130	5		25

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	122		117		70-130
2,5-Dibromotoluene-FID	121		117		70-130

PCBS

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01
 Client ID: EF-02
 Sample Location: WISCASSETT MAINE

Date Collected: 09/19/23 10:00
 Date Received: 09/19/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8082A
 Analytical Date: 10/01/23 14:09
 Analyst: MEO

Extraction Method: EPA 3510C
 Extraction Date: 09/30/23 04:10
 Cleanup Method: EPA 3665A
 Cleanup Date: 09/30/23
 Cleanup Method: EPA 3660B
 Cleanup Date: 09/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.250	0.034	1	A
Aroclor 1221	ND		ug/l	0.250	0.067	1	A
Aroclor 1232	ND		ug/l	0.250	0.046	1	A
Aroclor 1242	ND		ug/l	0.250	0.039	1	A
Aroclor 1248	ND		ug/l	0.250	0.049	1	A
Aroclor 1254	ND		ug/l	0.250	0.039	1	B
Aroclor 1260	ND		ug/l	0.250	0.032	1	A
Aroclor 1262	ND		ug/l	0.250	0.035	1	A
Aroclor 1268	ND		ug/l	0.250	0.034	1	A
PCBs, Total	ND		ug/l	0.250	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/01/23 13:12
Analyst: MEO

Extraction Method: EPA 3510C
Extraction Date: 09/30/23 04:10
Cleanup Method: EPA 3665A
Cleanup Date: 09/30/23
Cleanup Method: EPA 3660B
Cleanup Date: 09/30/23

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1833980-1						
Aroclor 1016	ND		ug/l	0.250	0.034	A
Aroclor 1221	ND		ug/l	0.250	0.067	A
Aroclor 1232	ND		ug/l	0.250	0.046	A
Aroclor 1242	ND		ug/l	0.250	0.039	A
Aroclor 1248	ND		ug/l	0.250	0.049	A
Aroclor 1254	ND		ug/l	0.250	0.039	A
Aroclor 1260	ND		ug/l	0.250	0.032	A
Aroclor 1262	ND		ug/l	0.250	0.035	A
Aroclor 1268	ND		ug/l	0.250	0.034	A
PCBs, Total	ND		ug/l	0.250	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2354782

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1833980-2 WG1833980-3									
Aroclor 1016	56		58		40-140	4		50	A
Aroclor 1260	58		59		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		64		30-150	A
Decachlorobiphenyl	68		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		66		30-150	B
Decachlorobiphenyl	70		73		30-150	B

METALS

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

SAMPLE RESULTS

Lab ID: L2354782-01

Date Collected: 09/19/23 10:00

Client ID: EF-02

Date Received: 09/19/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0253		mg/l	0.0100	0.00327	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Antimony, Total	0.00090	J	mg/l	0.00400	0.00042	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Arsenic, Total	0.00110		mg/l	0.00050	0.00016	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Barium, Total	0.00608		mg/l	0.00050	0.00017	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Calcium, Total	23.0		mg/l	0.100	0.0394	1	10/03/23 09:43	10/03/23 15:05	EPA 3005A	1,6020B	EJF
Chromium, Total	0.00062	J	mg/l	0.00100	0.00017	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Cobalt, Total	0.00021	J	mg/l	0.00050	0.00016	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Copper, Total	0.00718		mg/l	0.00100	0.00038	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Iron, Total	0.0460	J	mg/l	0.0500	0.0191	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Lead, Total	0.00043	J	mg/l	0.00100	0.00034	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Magnesium, Total	37.0		mg/l	0.0700	0.0242	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Manganese, Total	0.00728		mg/l	0.00100	0.00044	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Mercury, Total	0.00017	J	mg/l	0.00020	0.00009	1	09/21/23 22:21	09/25/23 13:19	EPA 7470A	1,7470A	RJP
Nickel, Total	0.04722		mg/l	0.00200	0.00055	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Potassium, Total	19.0		mg/l	0.100	0.0309	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Selenium, Total	ND		mg/l	0.00500	0.00173	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Silver, Total	ND		mg/l	0.00040	0.00016	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Sodium, Total	342.		mg/l	0.100	0.0293	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Thallium, Total	ND		mg/l	0.00100	0.00014	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Vanadium, Total	0.4818		mg/l	0.00500	0.00157	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP
Zinc, Total	0.04002		mg/l	0.01000	0.00341	1	09/21/23 17:23	10/02/23 20:12	EPA 3005A	1,6020B	WKP



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1829784-1									
Aluminum, Total	ND	mg/l	0.0100	0.00327	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Antimony, Total	ND	mg/l	0.00400	0.00042	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Arsenic, Total	ND	mg/l	0.00050	0.00016	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Barium, Total	ND	mg/l	0.00050	0.00017	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Beryllium, Total	ND	mg/l	0.00050	0.00010	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Cadmium, Total	ND	mg/l	0.00020	0.00005	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Chromium, Total	ND	mg/l	0.00100	0.00017	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Cobalt, Total	ND	mg/l	0.00050	0.00016	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Copper, Total	ND	mg/l	0.00100	0.00038	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Iron, Total	ND	mg/l	0.0500	0.0191	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Lead, Total	ND	mg/l	0.00100	0.00034	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Manganese, Total	ND	mg/l	0.00100	0.00044	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Nickel, Total	ND	mg/l	0.00200	0.00055	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Potassium, Total	ND	mg/l	0.100	0.0309	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Selenium, Total	ND	mg/l	0.00500	0.00173	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Silver, Total	ND	mg/l	0.00040	0.00016	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Sodium, Total	ND	mg/l	0.100	0.0293	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Thallium, Total	ND	mg/l	0.00100	0.00014	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF
Zinc, Total	ND	mg/l	0.01000	0.00341	1	09/21/23 17:23	09/25/23 12:56	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1829786-1									
Mercury, Total	ND	mg/l	0.00020	0.00009	1	09/21/23 22:21	09/25/23 12:56	1,7470A	RJP



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01 Batch: WG1834886-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Antimony, Total	ND		mg/l	0.00400	0.00042	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Barium, Total	ND		mg/l	0.00050	0.00017	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Calcium, Total	ND		mg/l	0.100	0.0394	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Chromium, Total	ND		mg/l	0.00100	0.00017	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Copper, Total	ND		mg/l	0.00100	0.00038	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Iron, Total	ND		mg/l	0.0500	0.0191	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Lead, Total	ND		mg/l	0.00100	0.00034	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Manganese, Total	ND		mg/l	0.00100	0.00044	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Nickel, Total	ND		mg/l	0.00200	0.00055	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Potassium, Total	ND		mg/l	0.100	0.0309	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Selenium, Total	ND		mg/l	0.00500	0.00173	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Silver, Total	ND		mg/l	0.00040	0.00016	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Sodium, Total	0.0698	J	mg/l	0.100	0.0293	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Thallium, Total	ND		mg/l	0.00100	0.00014	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF
Zinc, Total	ND		mg/l	0.01000	0.00341	1	10/03/23 09:43	10/03/23 14:37	1,6020B	EJF

Prep Information

Digestion Method: EPA 3005A



Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS		LCSD		%Recovery Limits	RPD	Qual	RPD Limits
	%Recovery	Qual	%Recovery	Qual				
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1829784-2								
Aluminum, Total	100		-		80-120	-		
Antimony, Total	83		-		80-120	-		
Arsenic, Total	99		-		80-120	-		
Barium, Total	103		-		80-120	-		
Beryllium, Total	105		-		80-120	-		
Cadmium, Total	109		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Cobalt, Total	103		-		80-120	-		
Copper, Total	106		-		80-120	-		
Iron, Total	103		-		80-120	-		
Lead, Total	99		-		80-120	-		
Magnesium, Total	91		-		80-120	-		
Manganese, Total	100		-		80-120	-		
Nickel, Total	104		-		80-120	-		
Potassium, Total	91		-		80-120	-		
Selenium, Total	92		-		80-120	-		
Silver, Total	114		-		80-120	-		
Sodium, Total	94		-		80-120	-		
Thallium, Total	88		-		80-120	-		
Vanadium, Total	101		-		80-120	-		
Zinc, Total	105		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1829786-2					
Mercury, Total	97	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Project Number: Not Specified

Lab Number: L2354782

Report Date: 10/04/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1834886-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	80	-	80-120	-	
Arsenic, Total	102	-	80-120	-	
Barium, Total	100	-	80-120	-	
Beryllium, Total	104	-	80-120	-	
Cadmium, Total	100	-	80-120	-	
Calcium, Total	103	-	80-120	-	
Chromium, Total	93	-	80-120	-	
Cobalt, Total	95	-	80-120	-	
Copper, Total	97	-	80-120	-	
Iron, Total	102	-	80-120	-	
Lead, Total	99	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	97	-	80-120	-	
Nickel, Total	94	-	80-120	-	
Potassium, Total	104	-	80-120	-	
Selenium, Total	99	-	80-120	-	
Silver, Total	105	-	80-120	-	
Sodium, Total	102	-	80-120	-	
Thallium, Total	105	-	80-120	-	
Vanadium, Total	93	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1834886-2					
Zinc, Total	98	-	80-120	-	

INORGANICS & MISCELLANEOUS

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**SAMPLE RESULTS**

Lab ID: L2354782-01

Date Collected: 09/19/23 10:00

Client ID: EF-02

Date Received: 09/19/23

Sample Location: WISCASSETT MAINE

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total Suspended	ND		mg/l	5.0	NA	1	-	09/20/23 10:21	121,2540D	MRS



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Method Blank Analysis
Batch Quality Control

Parameter	Result Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1829705-1									
Solids, Total Suspended	ND	mg/l	5.0	NA	1	-	09/20/23 11:16	121,2540D	MRS

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION

Lab Number: L2354782

Project Number: Not Specified

Report Date: 10/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1829705-2								
Solids, Total Suspended	110		-		80-120	-		

Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2354782-01A	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-8260(14)
L2354782-01B	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-8260(14)
L2354782-01C	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-8260(14)
L2354782-01D	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-VPH-18(14)
L2354782-01E	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-VPH-18(14)
L2354782-01F	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-VPH-18(14)
L2354782-01G	Amber 120ml unpreserved	B	7	7	3.3	Y	Absent		PCB-8082-LVI(365)
L2354782-01H	Amber 120ml unpreserved	B	7	7	3.3	Y	Absent		PCB-8082-LVI(365)
L2354782-01I	Plastic 250ml HNO3 preserved	B	<2	<2	3.3	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),MG-6020T(180),AL-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2354782-01J	Plastic 950ml unpreserved	B	7	7	3.3	Y	Absent		TSS-2540(7)
L2354782-01K	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		8270TCL(7),8270TCL-SIM(7)
L2354782-01L	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		8270TCL(7),8270TCL-SIM(7)
L2354782-01M	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		8270TCL(7),8270TCL-SIM(7)
L2354782-01N	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		SUB-ASBESTOS-TEM(2)
L2354782-01O	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		SUB-ASBESTOS-TEM(2)
L2354782-01P	Amber 1000ml unpreserved	B	7	7	3.3	Y	Absent		SUB-ASBESTOS-TEM(2)
L2354782-01Q	Amber 1000ml HCl preserved	B	<2	<2	3.3	Y	Absent		EPH-20(14)
L2354782-01R	Amber 1000ml HCl preserved	B	<2	<2	3.3	Y	Absent		EPH-20(14)
L2354782-02A	Vial HCl preserved	B	NA		3.3	Y	Absent		ME-8260(14)

Project Name: MASON STATION

Project Number: Not Specified

Serial_No:10042316:10

Lab Number: L2354782

Report Date: 10/04/23

Container Information

Container ID **Container Type**

L2354782-02B Vial HCl preserved

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
B	NA		3.3	Y	Absent		ME-8260(14)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION**Lab Number:** L2354782**Project Number:** Not Specified**Report Date:** 10/04/23**Data Qualifiers**

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2354782
Report Date: 10/04/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

L2354782



CHAIN OF CUSTODY

PAGE 1 OF 1

Project Information

Westborough, MA Mansfield, MA
 TEL: 508-896-9220 TEL: 508-822-9300
 FAX: 508-896-9193 FAX: 508-822-3288

Project Name: Mason Station

Client Information

Client: Maine DEP
 Address: 17 State House Station
 Phone: 207-441-2181
 Fax:
 Email: Finn.whiting@maine.gov
 These samples have been Previously analyzed by Alpha

Project Location: Wiscasset Maine
 Project #:
 Project Manager: Danielle Obery
 ALPHA Quote #:

Turn-Around Time

Standard Rush (ONLY IF PRE-APPROVED)
 Due Date: Time:

Other Project Specific Requirements/Comments/Detection Limits:
 Please send lab reports and invoices to:
 danielle.obery@maine.gov & finn.whiting@maine.gov

Date Rec'd in Lab: 9/19/23 ALPHA Job #: REMO2

Report Information **Data Deliverables** **Billing Information**
 FAX EMAIL Same as Client info PO #:
 ADEx Add'l Deliverables

Regulatory Requirements/Report Limits

State/Fed Program Criteria

ANALYSIS

VOC's - EPA 8260D	ABN Extractables - EPA 8270E	PAH Low Level - EPA 8270E-SIM	EPH - Carbon Ranges Only	VPH - Carbon Ranges Only	Total Suspended Solids - SM 2540	PCB's - EPA 8082A (LVI)	TAL Metals - Total 6010D	Total Mercury - EPA 7471B	Asbestos - TEM (Subcontract)	Sample Specific Comments	TOTAL # BOTTLES
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SAMPLE HANDLING
 Filtration
 Done
 Not Needed
 Lab to do
 Preservation
 Lab to do
 (Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials
		Date	Time		
4782-01	EF-02	9/13/23	1000	E	FW
02	Trip Blank	9/13/23	1030	X1	FW

Container Type	V	A	A	A	V	P	A	P	P	A	-	-
Preservative	B	A	A	A	B	A	A	C	C	A	-	-

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	9/13/23 1200	<i>[Signature]</i>	9/19/23 1400
<i>[Signature]</i>	9/19/23 1400	<i>[Signature]</i>	9/19/23 1400
<i>[Signature]</i>	9/19/23 1445	<i>[Signature]</i>	9/19/23 1445
<i>[Signature]</i>	9/19/23 1500	<i>[Signature]</i>	9-19-23 1500

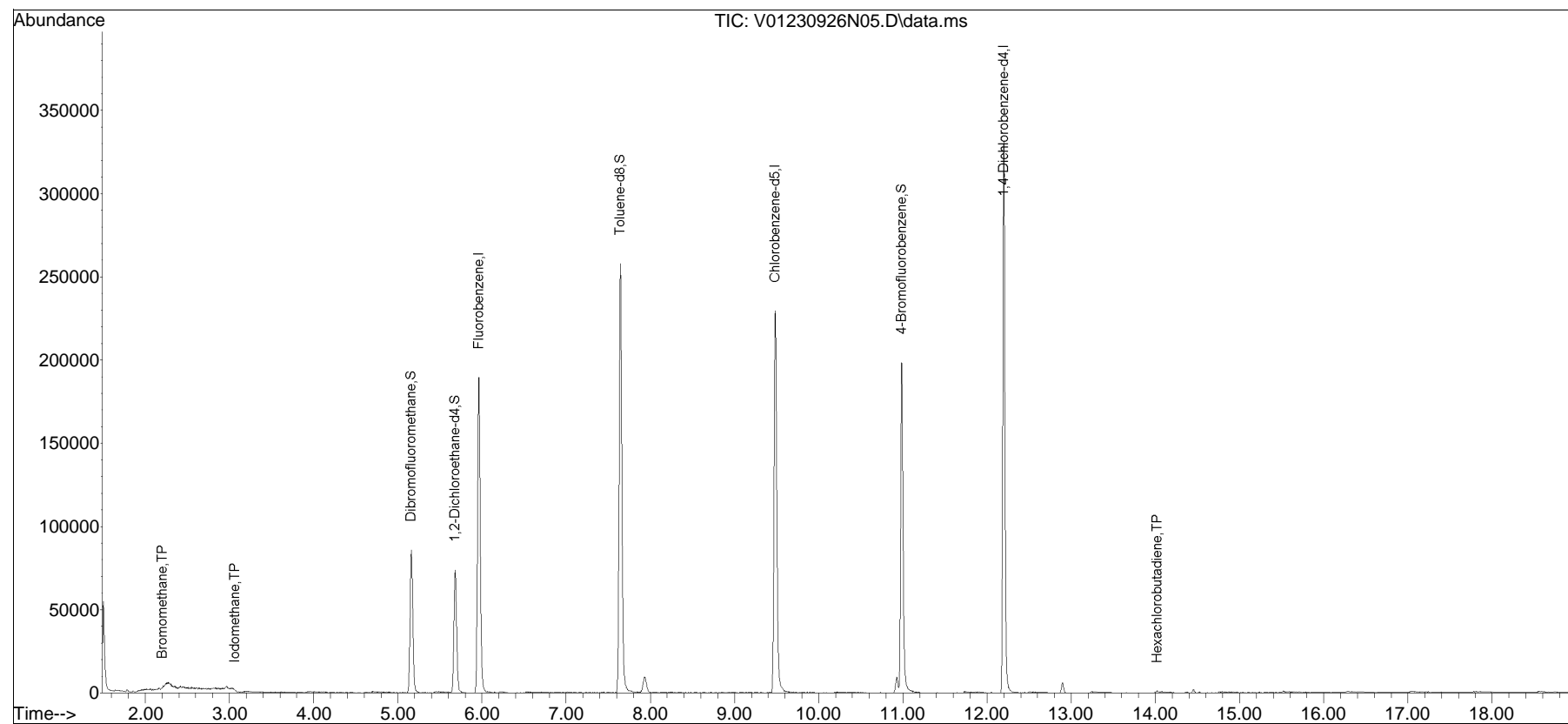
Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230926N\
Data File : V01230926N05.D
Acq On : 26 Sep 2023 8:55 pm
Operator : VOA101:TMS
Sample : WG1832660-5,31,10,10
Misc : WG1832660,ICAL20376
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 21:55:58 2023
Quant Method : K:\VOA101\2023\230926N\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE - Megamix+Diox-2CEVE01.D•

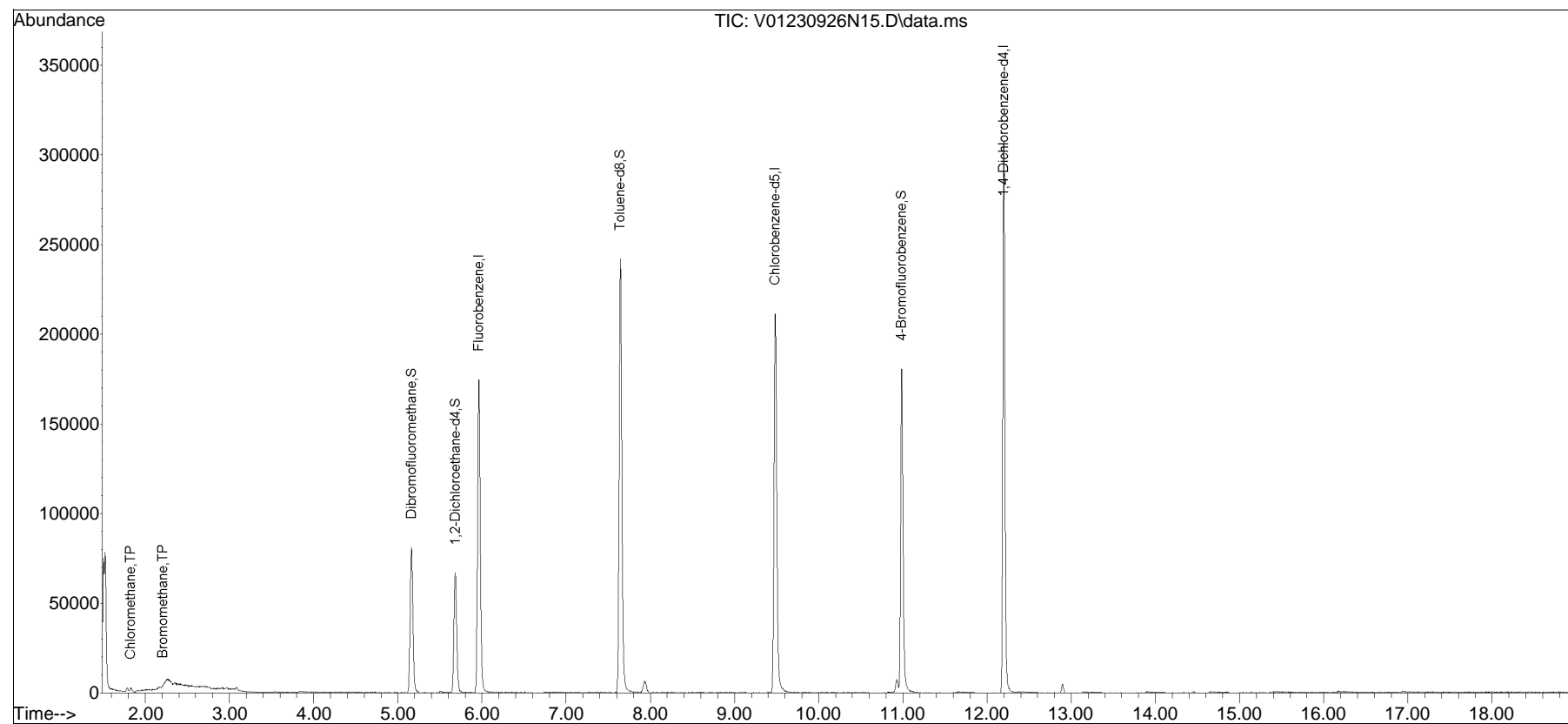


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230926N\
Data File : V01230926N15.D
Acq On : 27 Sep 2023 1:18 am
Operator : VOA101:PID
Sample : L2354782-01,31,10,10,,A
Misc : WG1832660,ICAL20376
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 27 12:16:51 2023
Quant Method : K:\VOA101\2023\230926N\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

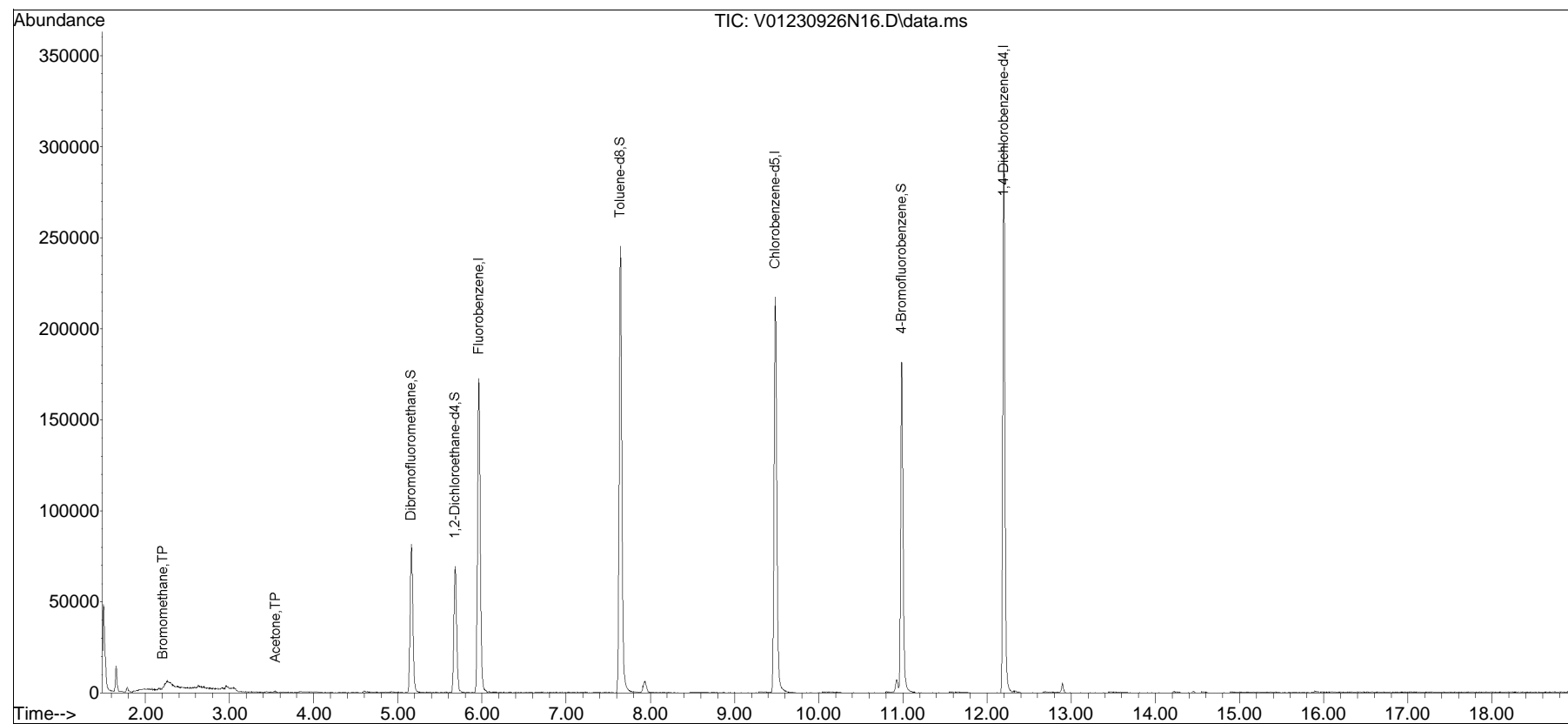


Quantitation Report (QT Reviewed)

Data Path : K:\VOA101\2023\230926N\
Data File : V01230926N16.D
Acq On : 27 Sep 2023 1:44 am
Operator : VOA101:PID
Sample : L2354782-02,31,10,10,,A
Misc : WG1832660,ICAL20376
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 27 07:01:54 2023
Quant Method : K:\VOA101\2023\230926N\V101_230915N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Sat Sep 16 13:25:43 2023
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

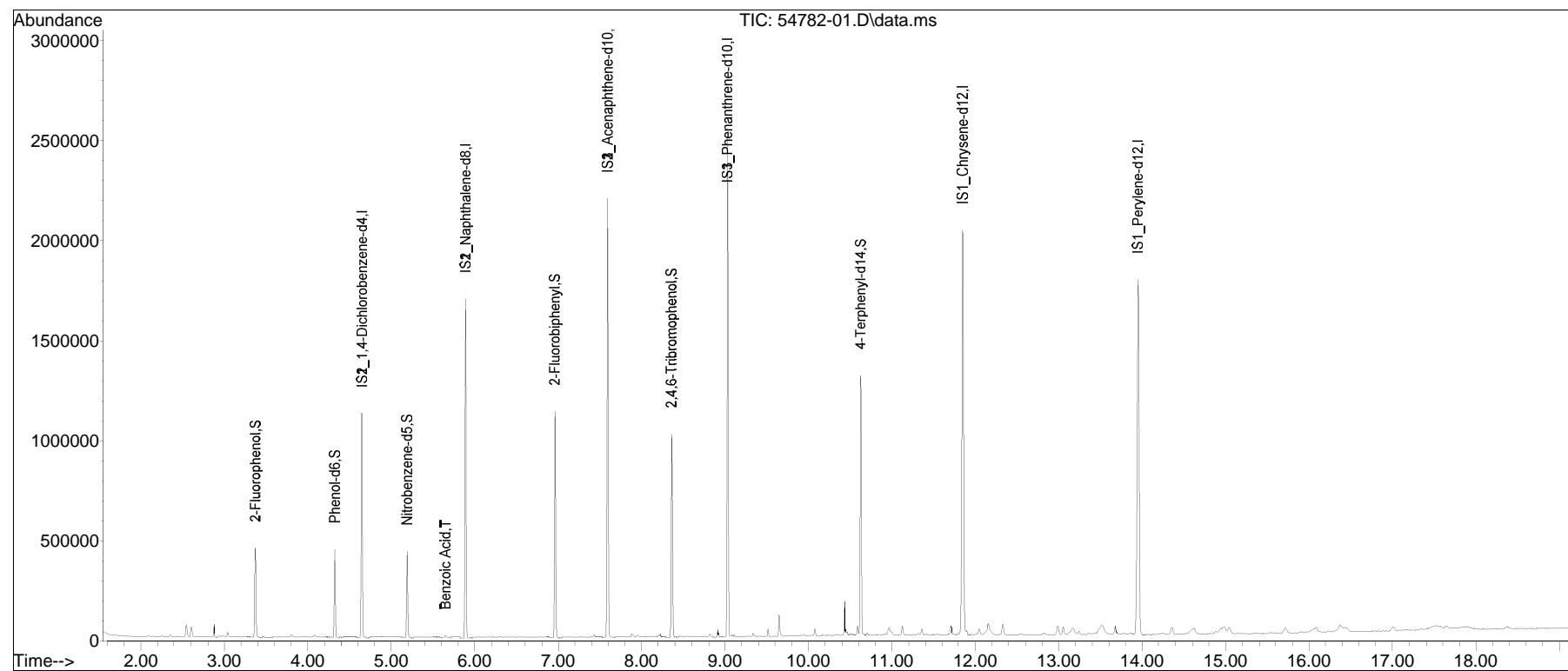


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV109\230920n\
Data File : 54782-01.D
Acq On : 21 Sep 2023 1:48 am
Operator : SV109:im
Sample : L2354782-01,32,,ASK
Misc : WG1829457,WG1829482,ical20078
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 07:54:08 2023
Quant Method : I:\8270\sv109\230920n\FS230531SV109.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 21 02:07:22 2023
Response via : Initial Calibration

Sub List : 8270TCL_combo_REV1 - TCL/CT/MA920n.D•

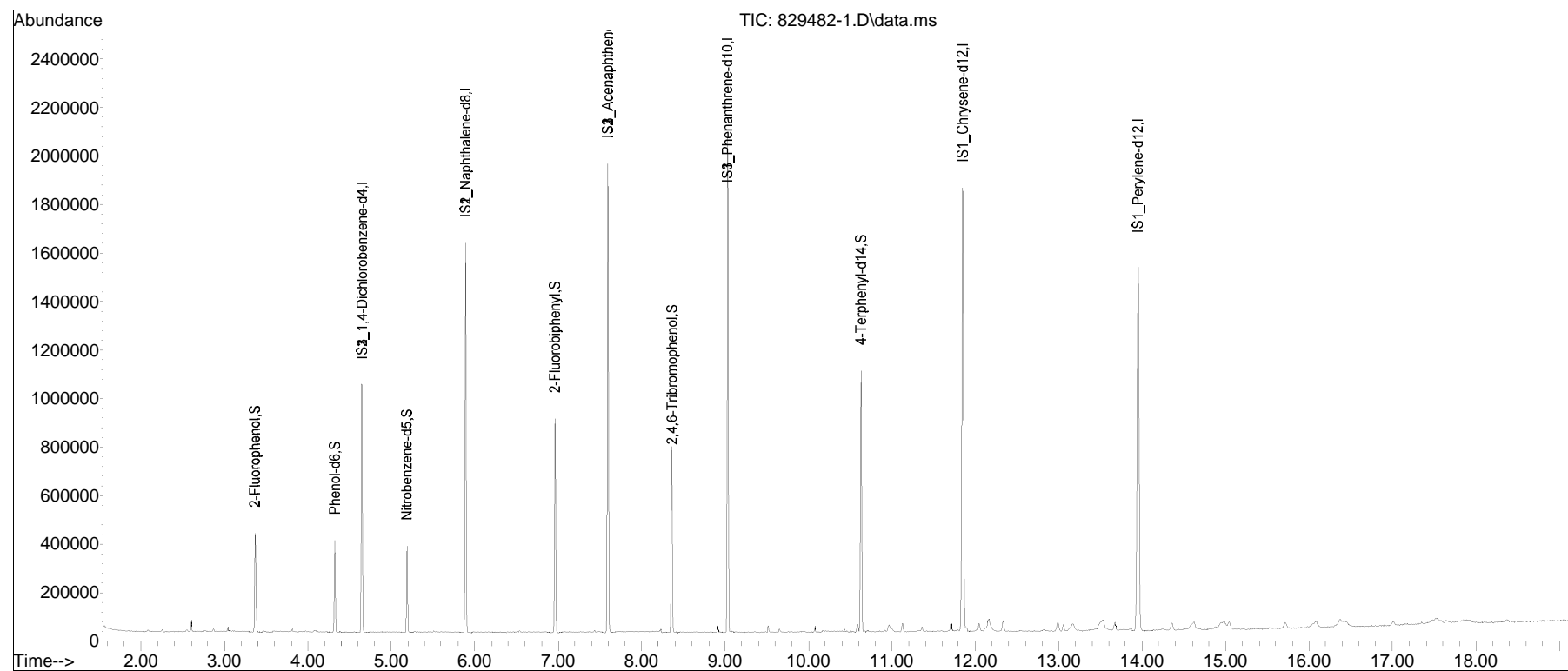


Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV109\230920n\
Data File : 829482-1.D
Acq On : 21 Sep 2023 12:38 am
Operator : SV109:im
Sample : WG1829482-1,32,,ASK
Misc : WG1829457,WG1829482,ical20078
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 03 07:56:53 2023
Quant Method : I:\8270\sv109\230920n\FS230531SV109.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 21 00:56:41 2023
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAn\AP90920n.D•

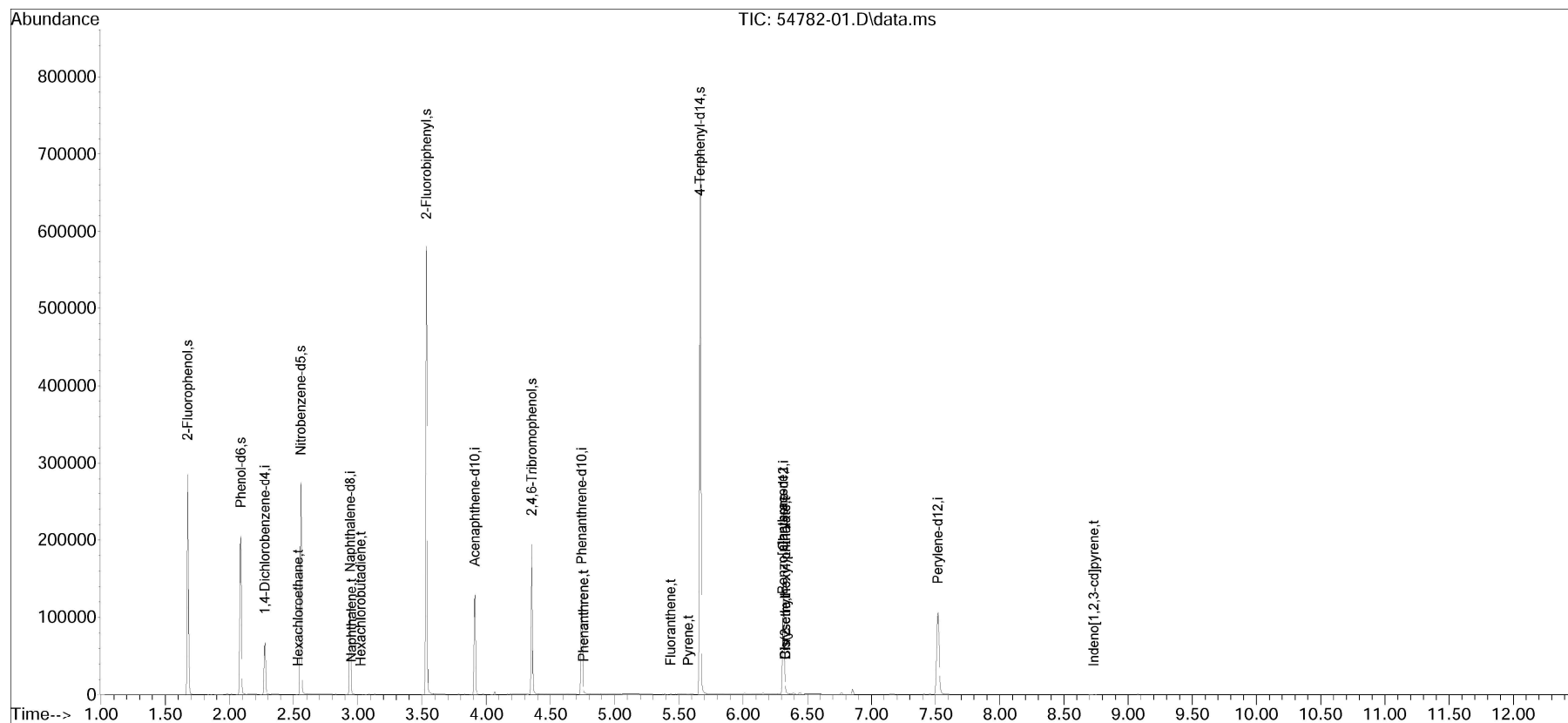


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230921ST\
 Data File : 54782-01.D
 Acq On : 21 Sep 2023 05:12 pm
 Operator : SV120:jjw
 Sample : L2354782-01,32,,AH
 Misc : wg1830195,WG1829483,ical19770
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 26 14:32:48 2023
 Quant Method : I:\8270sim\sv120\230921ST\simtech230222-sv120.M
 Quant Title : Semivolatiles by GC/MS by modified 8270
 QLast Update : Thu Sep 21 08:48:48 2023
 Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0921.D•

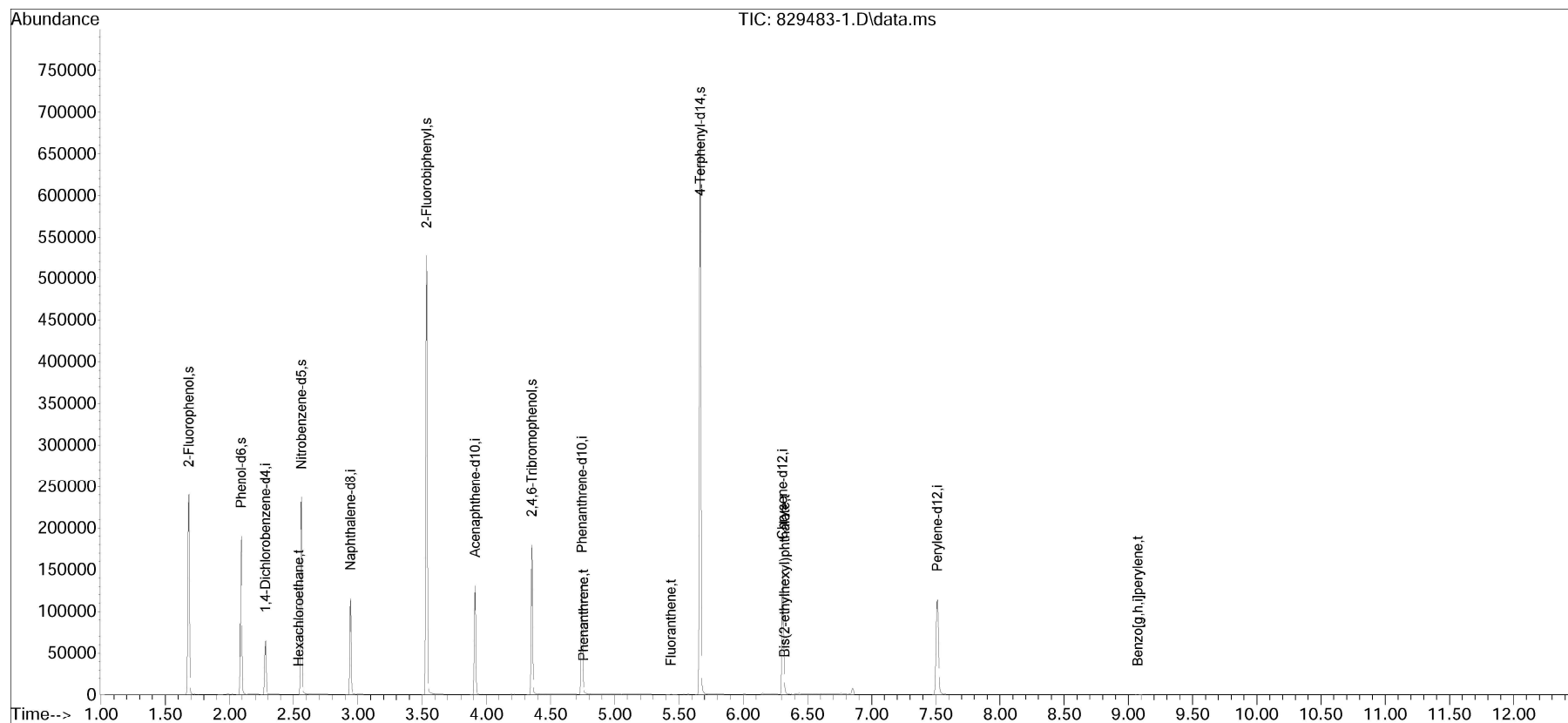


Quantitation Report (QT Reviewed)

Data Path : I:\8270SIM\sv120\230921ST\
Data File : 829483-1.D
Acq On : 21 Sep 2023 04:56 pm
Operator : SV120:jjw
Sample : WG1829483-1,32,,AH
Misc : wg1830195,WG1829483,ical19770
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 14:27:51 2023
Quant Method : I:\8270sim\sv120\230921ST\simtech230222-sv120.M
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Sep 21 08:48:48 2023
Response via : Initial Calibration

Sub List : DEFAULT - All compounds listedccv0921.D•

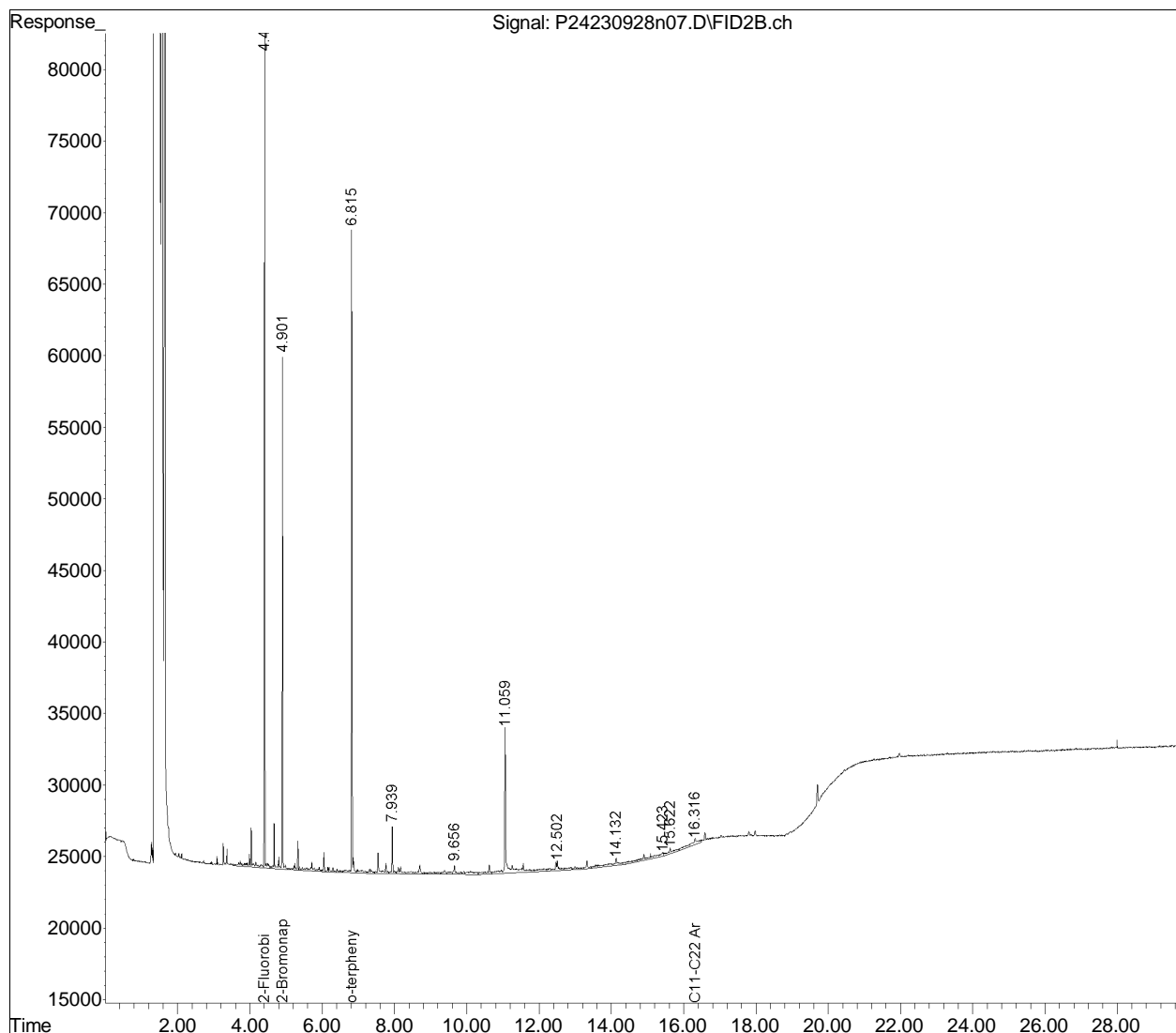


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230928N.SEC\
Data File : P24230928n07.D
Signal(s) : FID2B.ch
Acq On : 29 Sep 2023 08:49 am
Operator : Petro24b:lmr
Sample : WG1833459-1,42,,
Misc : wg1833535,wg1833459,ical20111
ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 12:08:31 2023
Quant Method : I:\PETRO\Petro24\2023\230928N.SEC\P24MAARO230618.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 27 06:24:20 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

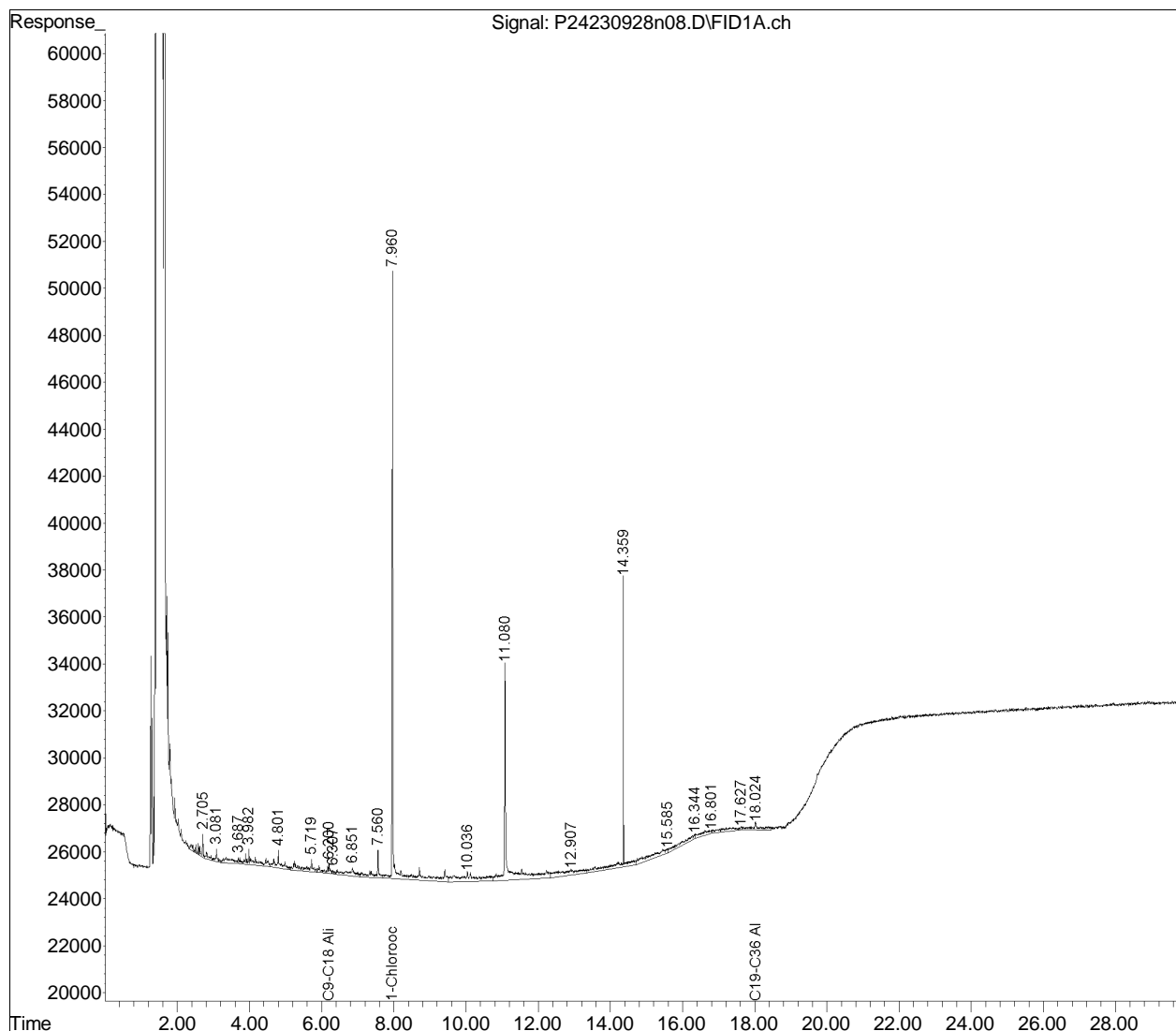


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro24\2023\230928n\
 Data File : P24230928n08.D
 Signal(s) : FID1A.ch
 Acq On : 29 Sep 2023 08:49 am
 Operator : Petro24a:lmr
 Sample : WG1833459-1,42,,
 Misc : wg1833535,wg1833459,ical20112
 ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
 Quant Time: Sep 29 11:58:59 2023
 Quant Method : I:\PETRO\Petro24\2023\230928n\P24MAALI230618.M
 Quant Title : MA EPH Aliphatic
 QLast Update : Wed Sep 27 06:21:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

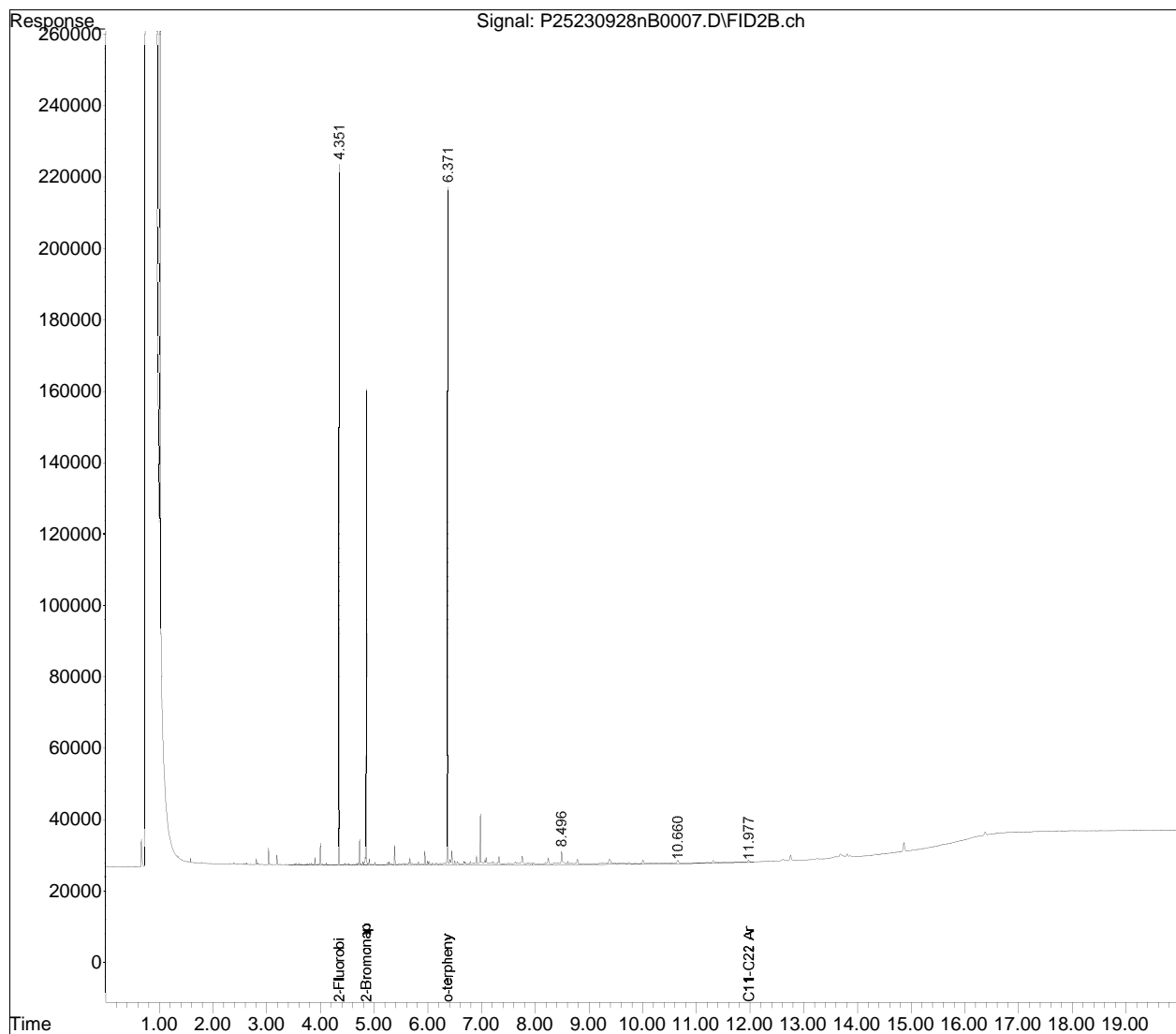


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230928n.sec\
Data File : P25230928nB0007.D
Signal(s) : FID2B.ch
Acq On : 29-Sep-2023, 09:55:07
Operator : petro25b:mtc
Sample : L2354782-01,42,,
Misc : wg1833534,wg1833459,ical20167
ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 12:35:52 2023
Quant Method : I:\PETRO\Petro25\2023\230928n.sec\P25MAARO230711.M
Quant Title : MA EPH Aromatic
QLast Update : Wed Sep 27 14:11:55 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

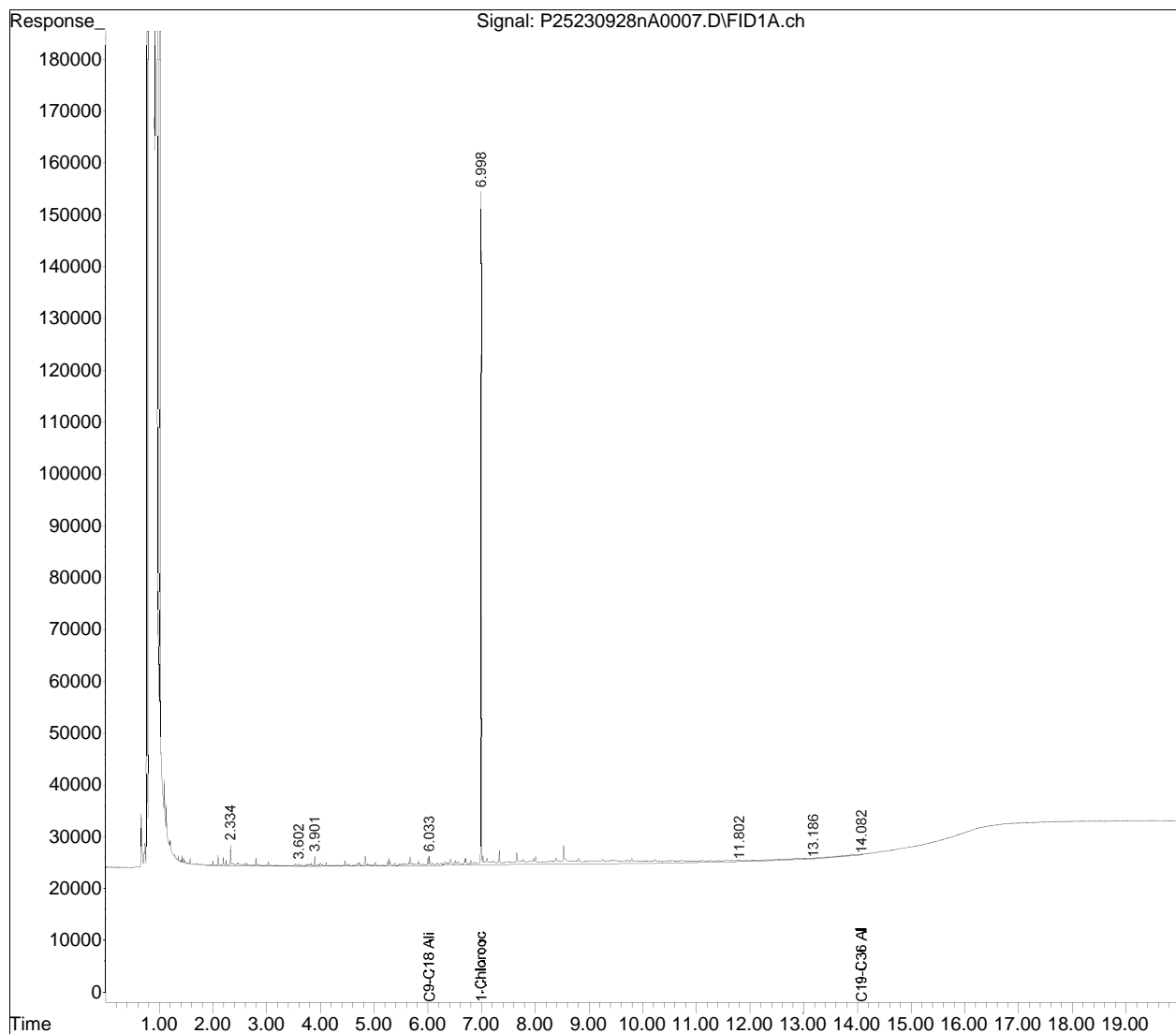


Sub List : Default - All compounds listed Reviewed)

Data Path : I:\PETRO\Petro25\2023\230928n\
Data File : P25230928nA0007.D
Signal(s) : FID1A.ch
Acq On : 29-Sep-2023, 09:55:07
Operator : petro25a:mtc
Sample : L2354782-01,42,,
Misc : wg1833534,wg1833459,ical20166
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Sep 29 12:45:14 2023
Quant Method : I:\PETRO\Petro25\2023\230928n\P25MAALI230711.M
Quant Title : MA EPH Aliphatic
QLast Update : Sat Sep 23 10:28:14 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

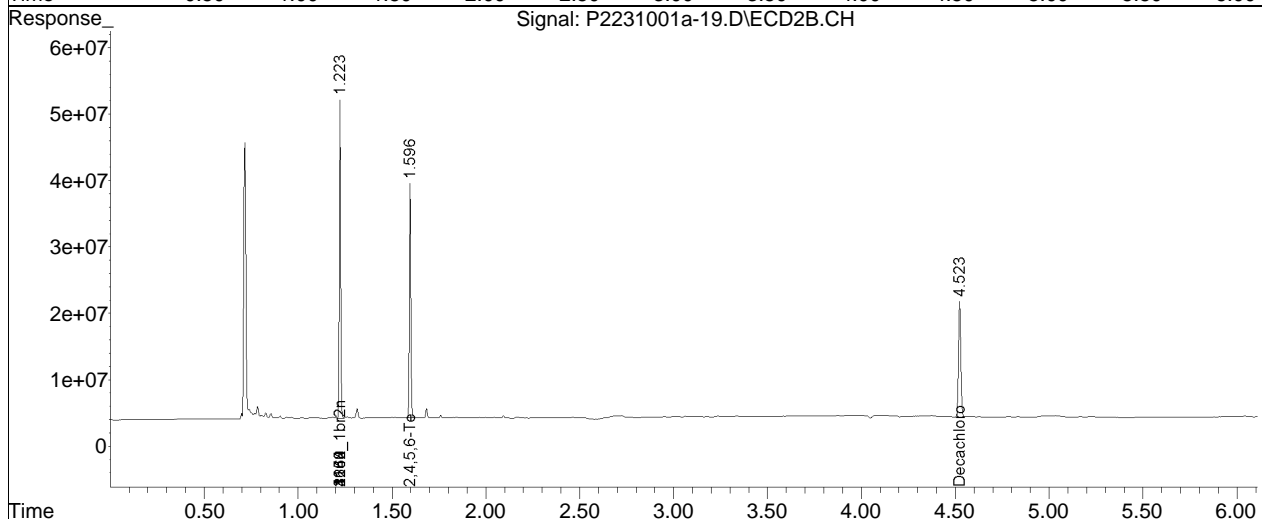
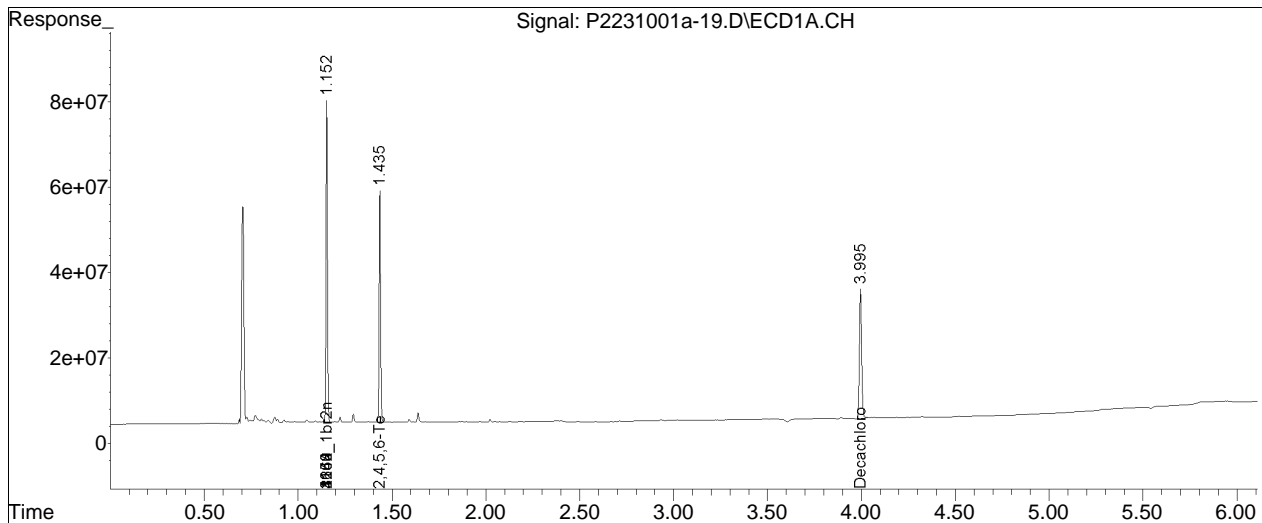


Sub List : Default - All compounds listed P2231001a-02.D••

Data Path : I:\PCB\Pest2\2023\231001a\
 Data File : P2231001a-19.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Oct 2023 1:12 pm
 Operator : pest2:mco
 Sample : WG1833980-1,42,, 79 (Sig #1); WG1833979-1,42,, 80 (Sig #2)
 Misc : WG1834226,WG1833980,ical20286
 ALS Vial : 19 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Oct 03 08:27:39 2023
 Quant Method : I:\PCB\Pest2\2023\231001A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :

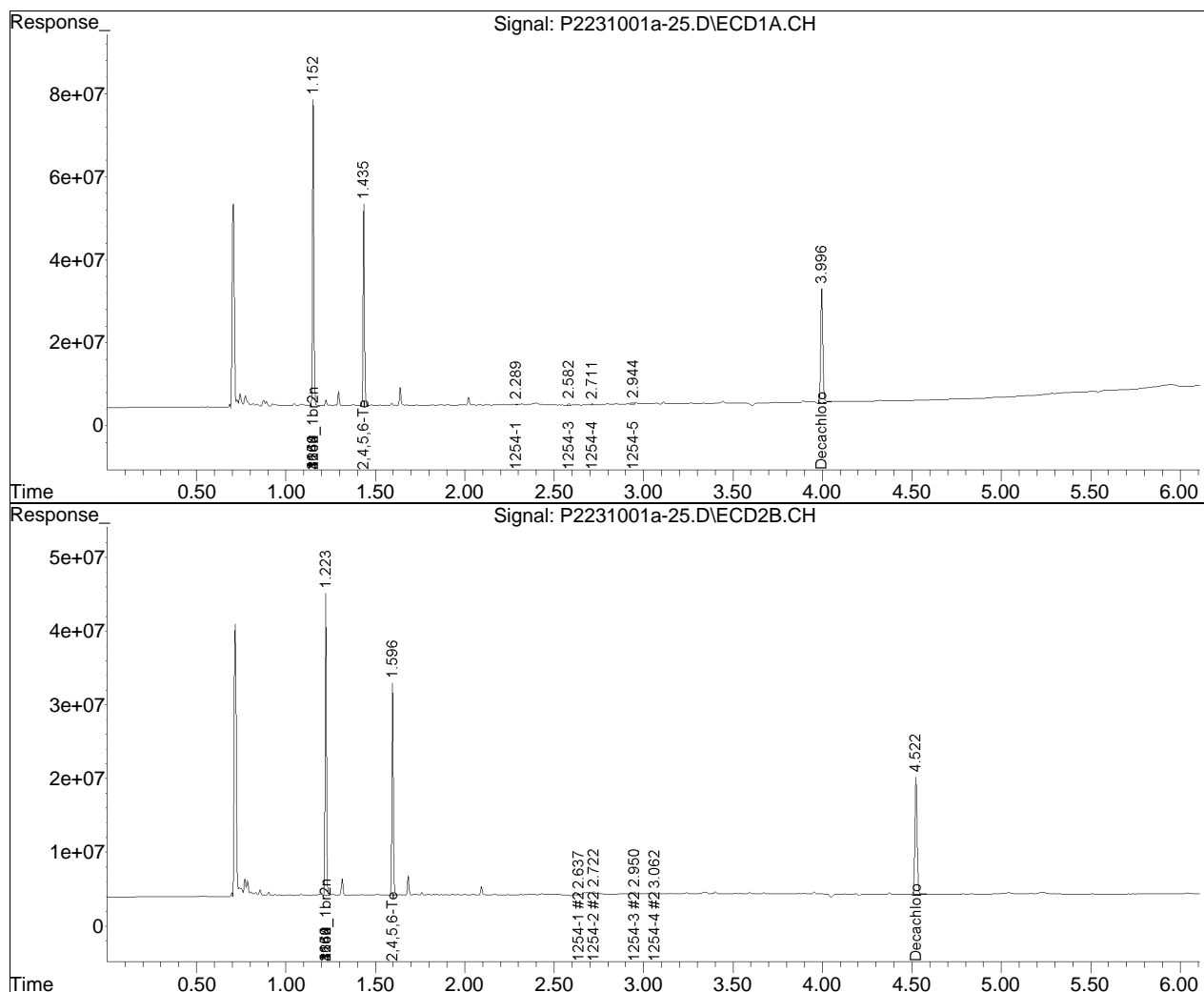


Sub List : Default - All compounds listed P2231001a-02.D••

Data Path : I:\PCB\Pest2\2023\231001a\
 Data File : P2231001a-25.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Oct 2023 2:09 pm
 Operator : pest2:meo
 Sample : L2354782-01,42,,
 Misc : WG1834226,WG1833980,ical20286
 ALS Vial : 25 (Sig #1); 0 (Sig #2) Sample Multiplier: 1

Integration File signal 1: events.e
 Integration File signal 2: events2.e
 Quant Time: Oct 03 08:31:57 2023
 Quant Method : I:\PCB\Pest2\2023\231001A\P2_pcb_08_21_23_LVI_ugL_ICAL20286.m
 Quant Title : pcb
 QLast Update : Wed Aug 23 13:46:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. :
 Signal #1 Phase : Signal #2 Phase:
 Signal #1 Info : Signal #2 Info :



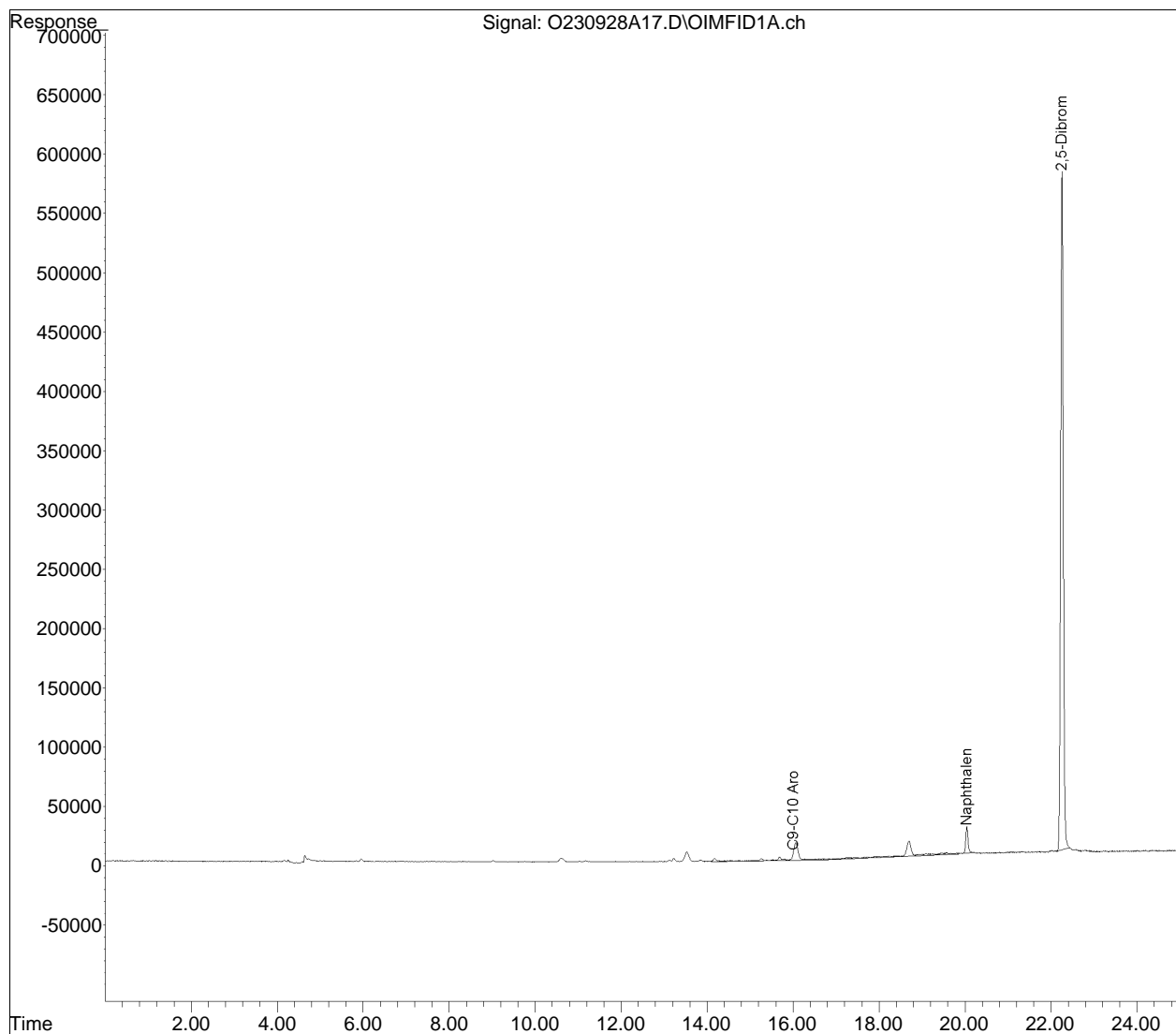
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230928Aaro\
Data File : O230928A17.D
Signal(s) : OIMFID1A.ch
Acq On : 28 Sep 2023 8:39 pm
Operator : OVPH:BAD
Sample : WG1834097-4,41,5,5,,
Misc : WG1834097,ICAL20207
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 14:23:23 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230928Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



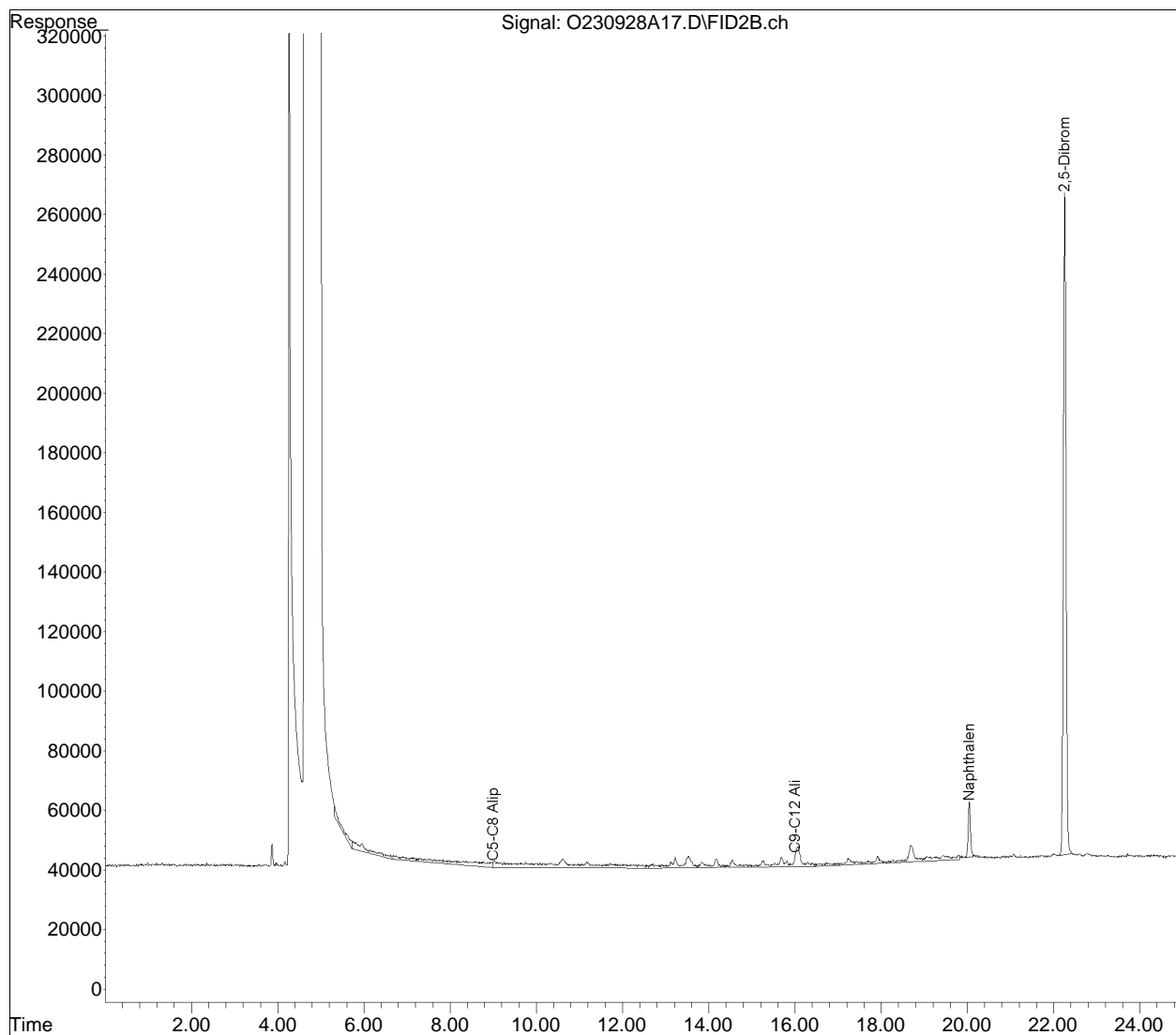
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230928Aali\
Data File : O230928A17.D
Signal(s) : FID2B.ch
Acq On : 28 Sep 2023 8:39 pm
Operator : OVPH:BAD
Sample : WG1834097-4,41,5,5,,
Misc : WG1834097,ICAL20206
ALS Vial : 17 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 14:17:48 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230928Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



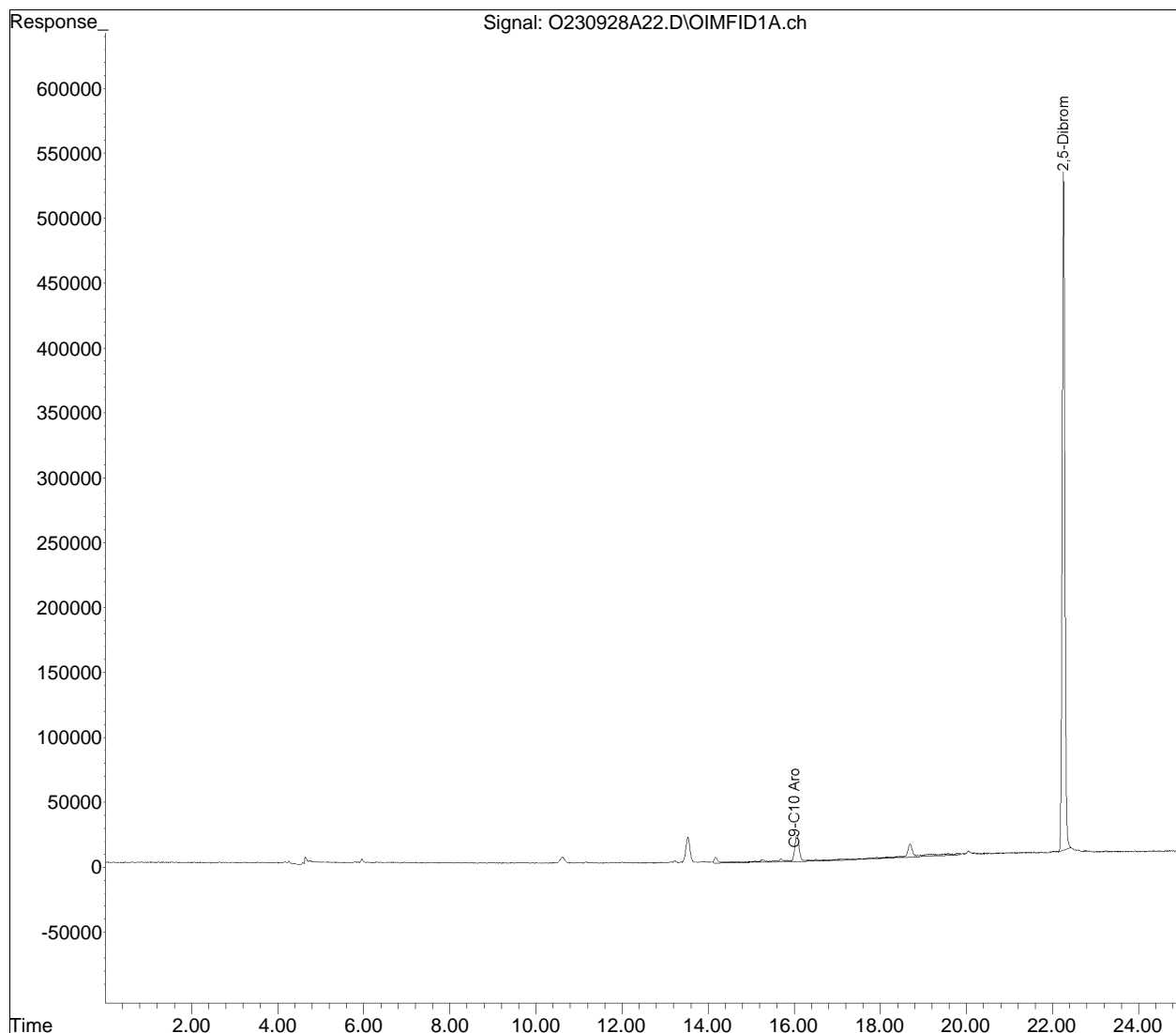
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230928Aaro\
Data File : O230928A22.D
Signal(s) : OIMFID1A.ch
Acq On : 28 Sep 2023 11:10 pm
Operator : OVPH:BAD
Sample : L2354782-01,41,5.0,5,,D
Misc : WG1834097,ICAL20207
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 14:23:35 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230928Aaro\vph-aro230726B.m
Quant Title : VPH AROMATIC
QLast Update : Thu Jul 27 09:56:12 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed



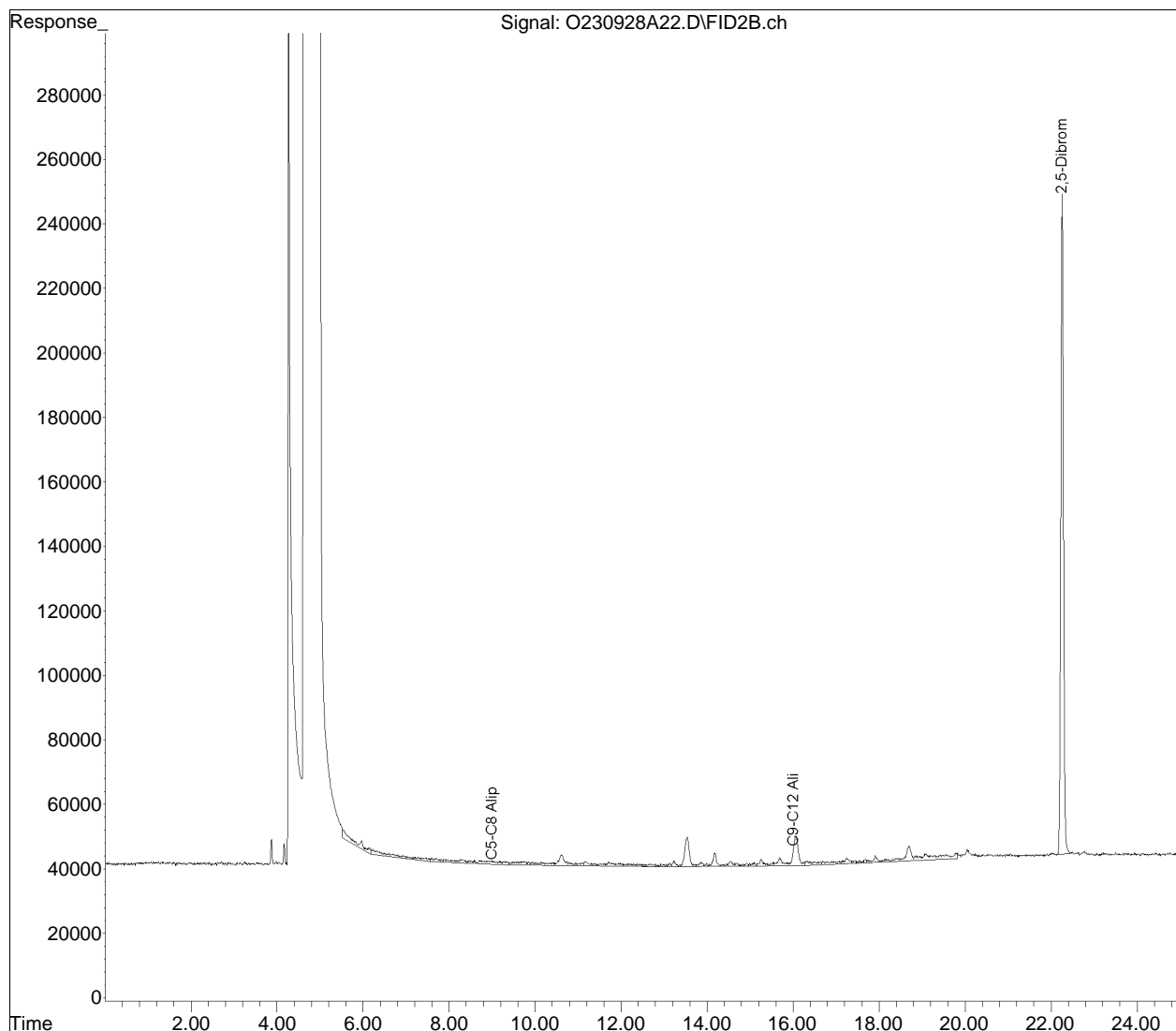
Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES_GC\OVPH\2023\230928Aali\
Data File : O230928A22.D
Signal(s) : FID2B.ch
Acq On : 28 Sep 2023 11:10 pm
Operator : OVPH:BAD
Sample : L2354782-01,41,5.0,5,,D
Misc : WG1834097,ICAL20206
ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 29 14:17:58 2023
Quant Method : I:\VOLATILES_GC\OVPH\2023\230928Aali\vph-ali230726B.m
Quant Title : VPH ALIPHATIC
QLast Update : Thu Jul 27 09:41:02 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Sub List : Default - All compounds listed





Graham Parker
Alpha Analytical - Westborough
Eight Walkup Drive
Westborough, MA 01581

October 04, 2023

Dear Graham Parker:

Results of samples you described and submitted to Aerobiology Laboratory Associates, Inc. are shown on the enclosed data sheets. The analytical results in this report apply to the items tested only and to the sample(s) as received. Unless otherwise indicated, all samples were received in acceptable condition.

The listed samples were prepared and analyzed in compliance with EPA-600/R-94/134 Method 100.2, Analytical Method for Determination of Asbestos Fibers in Water. Analysis was performed using a Philips CM12 transmission electron microscope equipped with selected area electron diffraction (SAED) and an Evex energy dispersive x-ray analyzer.

The quality control data including uncertainty data related to the samples analyzed are available upon request. Aerobiology Laboratory Associates, Inc. and its employees are not responsible for data collected by personnel who are not employed by the laboratory and assume no responsibility for potential sample contamination, misuse, misinformation, or misrepresentation by the client. All calculations are based on collection volumes supplied by the client. Samples are retained for a period of 1 month.

The enclosed results may not be used under any circumstances as product endorsement by any US government agency including NIST/NVLAP.

This report may not be reproduced, except in its entirety, without the permission of Aerobiology Laboratory Associates, Inc., Laboratory Manager.

Please contact me if you have any questions regarding this report or related information.

Aimee Cormier, Laboratory Manager

Enclosure:

BATCH NUMBER : DW 20144 CLIENT PROJECT ID: L2354782
Client Ref: ME

Aerobiology Laboratory Associates, Inc.

22 Cummings Park, Woburn, Massachusetts 01801
 781-935-3212 ~ Fax: 781-932-4857 ~ E-Mail boston@aerobiology.net

Laboratory Report

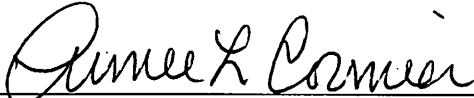
Client Project #: L2354782
 Client Reference: ME
 PO #: N/A
 Client #: 1497
 Client Name: Alpha Analytical - Westborough

Batch DW 20144
 Method: Drinking Water
 Date Received: 9/20/2023
 Date Analyzed: 10/4/2023
 Date of Report: 10/4/2023

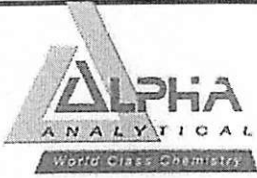
Lab ID	Client ID	Description	Grid Area	# G.O.	Aliquot (ml)	Analytical Sensitivity	Total # Fibers > 10	Ambiguous Structures	Filter Area	Million Fibers / L	Analyzed
WD149419	EF-02		0.010	20	5	0.20	2		201	.40	Yes

Comments:

NSD = No Structures Detected



Aimee Cormier, Analyst



Subcontract Chain of Custody

Aerobiology Laboratory (Pace)
22 Cummings Park
Woburn, MA 01801

Alpha Job Number
L2354782

Client Information	Project Information	Regulatory Requirements/Report Limits
--------------------	---------------------	---------------------------------------

Client: Alpha Analytical Labs Address: Eight Walkup Drive Westborough, MA 01581-1019 Phone: 508.439.5160 Email: gparker@alphalab.com	Project Location: ME Project Manager: Graham Parker <div style="background-color: #cccccc; text-align: center; padding: 2px;">Turnaround & Deliverables Information</div> Due Date: Deliverables:	State/Federal Program: Regulatory Criteria:
--	--	--

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2354782	Report to include Method Blank, LCS/LCSD:
---	---

Additional Comments: Send all results/reports to subreports@alphalab.com

Lab ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Batch QC
	EF-02	09-19-23 10:00 9/19/23 GLP (AAL) 9/21	WATER	Asbestos-TEM	

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	<i>[Signature]</i>	9/20/23	<i>[Signature]</i>	9/20/23 0943
	<i>[Signature]</i>	9/20/23 1055	<i>[Signature]</i>	9/20/23 10:55

Form No: AL_subcoc

Aerobiology Laboratory Associates, Inc. 22 Cummings Park Woburn, MA 01801

Drinking Water and Waste Water, Analysis Worksheet Chatfield (EPA 600)

P.O.# N/A
 Client Project #: L2354782
 Client job site: ME
 Batch No. 20144
 Lab Sample ID 149419
 Client Sample ID EF-02
 Client Alpha Analytical - Westborough
 Client Number 1497
 Sample Descriptio
 Aliquot 5
 Grid Box Location 2485 8C
 Date Logged In 9/27/2023
 Volume (L) 1

Grid Opening Size 0.010
 Filter Area W: 201
 No. of Grid Openings 20
 Analytical Sensitivity 0.20
 Pore Size/Filter Type 0.22 MCE
 Instrument / Voltage CM12 or EM420/80KeV
 Magnification ~11500
 Analyst: *[Signature]*
 Date Analyzed 10/4/23
 Quality Of Prep ✓
 Scope # 1
 Comments:

Location	G.S.O.	Str.#	Str. Type	Species	SAED	EDAX	Length	Width
← 8C	B3-4	NSD	F	AMO	✓		28.2	.2
	B4-6							
	C4-6							
	C4-4							
	F4-4							
← 8D	F4-6	NSD						
	F4-6							
	F4-6							
	F4-6							
	F4-6							
← 8E	C3-3	NSD						
	C3-1							
	F3-1							
	F3-3							
	F3-3							
	F3-1							
	F3-1							
F3-3								
	F3-3	2	F	AMO	✓	✓	15.7	.02
	F3-1							

Total Asbestos Str 2

NSD = No Structures Detected F = Fiber



ANALYTICAL REPORT

Lab Number:	L2355510
Client:	Maine DEP-Div. of Technical Services 17 State House Station Augusta, ME 04333
ATTN:	Finn Whiting
Phone:	(207) 287-7688
Project Name:	MASON STATION
Project Number:	Not Specified
Report Date:	10/03/23

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (99110), NJ (MA015), NY (11627), NC (685), OH (CL106), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2355510-01	UNKNOWN SUBSTANCE	OIL	WISCASSETT MAINE	09/20/23 11:40	09/21/23

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Petroleum Hydrocarbon Identification by GC-FID

L2355510-01: The sample was extracted and then analyzed using a gas chromatograph equipped with a flame ionization detector (GC/FID). The temperature program and associated experimental conditions were optimized to obtain maximum resolution in an eighty minute chromatographic run representative of hydrocarbons in the n-Octane (C8) to n-Tetracontane (C40) range. Qualitative evaluation of the sample was conducted by reviewing the sample chromatogram in conjunction with a chromatogram of a normal alkane series generated with the same chromatographic conditions. Chromatograms of hydrocarbon reference materials obtained from our library of 82 reference standards were also utilized to provide the best possible sample match. Quantitative determination of the sample's hydrocarbon concentration was performed in accordance with EPA Method 8015M. The sample's total hydrocarbon concentration and all associated quality control data are included in the report.

The following qualitative information is based on a tentative interpretation of chromatographic pattern recognition and boiling point ranges:

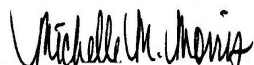
Total Petroleum Hydrocarbon Identification

L2355510-01 contains hydrocarbons eluting in the range of n-Octane (C8) to after the elution of n-Tetracontane (C40).

Based on the data generated, L2355510-01 contains material eluting in the low to heavy weight ranges of the chromatogram. The material present is similar to Fuel Oil #6.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Michelle M. Morris

Title: Technical Director/Representative

Date: 10/03/23

ORGANICS

PETROLEUM HYDROCARBONS

Project Name: MASON STATION**Lab Number:** L2355510**Project Number:** Not Specified**Report Date:** 10/03/23**SAMPLE RESULTS**

Lab ID: L2355510-01
 Client ID: UNKNOWN SUBSTANCE
 Sample Location: WISCASSETT MAINE

Date Collected: 09/20/23 11:40
 Date Received: 09/21/23
 Field Prep: Not Specified

Sample Depth:

Matrix: Oil
 Analytical Method: 1,8015D(M)
 Analytical Date: 09/28/23 20:25
 Analyst: AMV
 Percent Solids: Results reported on an 'AS RECEIVED' basis.

Extraction Method: EPA 3580A
 Extraction Date: 09/26/23 11:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab						
Total Petroleum Hydrocarbons (C9-C44)	429000		mg/kg	6570	3280	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	94		50-130
d50-Tetracosane	93		50-130

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 09/28/23 11:59
Analyst: AMV

Extraction Method: EPA 3580A
Extraction Date: 09/26/23 11:10

Parameter	Result	Qualifier	Units	RL	MDL
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab for sample(s): 01 Batch: WG1832052-1					
Total Petroleum Hydrocarbons (C9-C44)	ND		mg/kg	6600	3300

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	97		50-130
d50-Tetracosane	88		50-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Petroleum Hydrocarbon Identification by GC-FID - Mansfield Lab Associated sample(s): 01 Batch: WG1832052-2 WG1832052-3								
Nonane (C9)	92		98		50-130	6		30
Decane (C10)	87		93		50-130	7		30
Dodecane (C12)	91		97		50-130	6		30
Tetradecane (C14)	90		96		50-130	6		30
Hexadecane (C16)	99		103		50-130	4		30
Octadecane (C18)	101		105		50-130	4		30
Nonadecane (C19)	92		96		50-130	4		30
Eicosane (C20)	91		94		50-130	3		30
Docosane (C22)	92		95		50-130	3		30
Tetracosane (C24)	98		101		50-130	3		30
Hexacosane (C26)	91		94		50-130	3		30
Octacosane (C28)	92		94		50-130	2		30
Triacontane (C30)	90		94		50-130	4		30
Hexatriacontane (C36)	82		86		50-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	97		100		50-130
d50-Tetracosane	89		91		50-130

Project Name: MASON STATION**Project Number:** Not Specified**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information**Container ID** **Container Type**

L2355510-01A Glass 60mL/2oz unpreserved

Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
A	NA		5.4	Y	Absent		A2-PHI(365)

Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: MASON STATION
Project Number: Not Specified

Lab Number: L2355510
Report Date: 10/03/23

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,**

SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.**

EPA 522, EPA 537.1.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

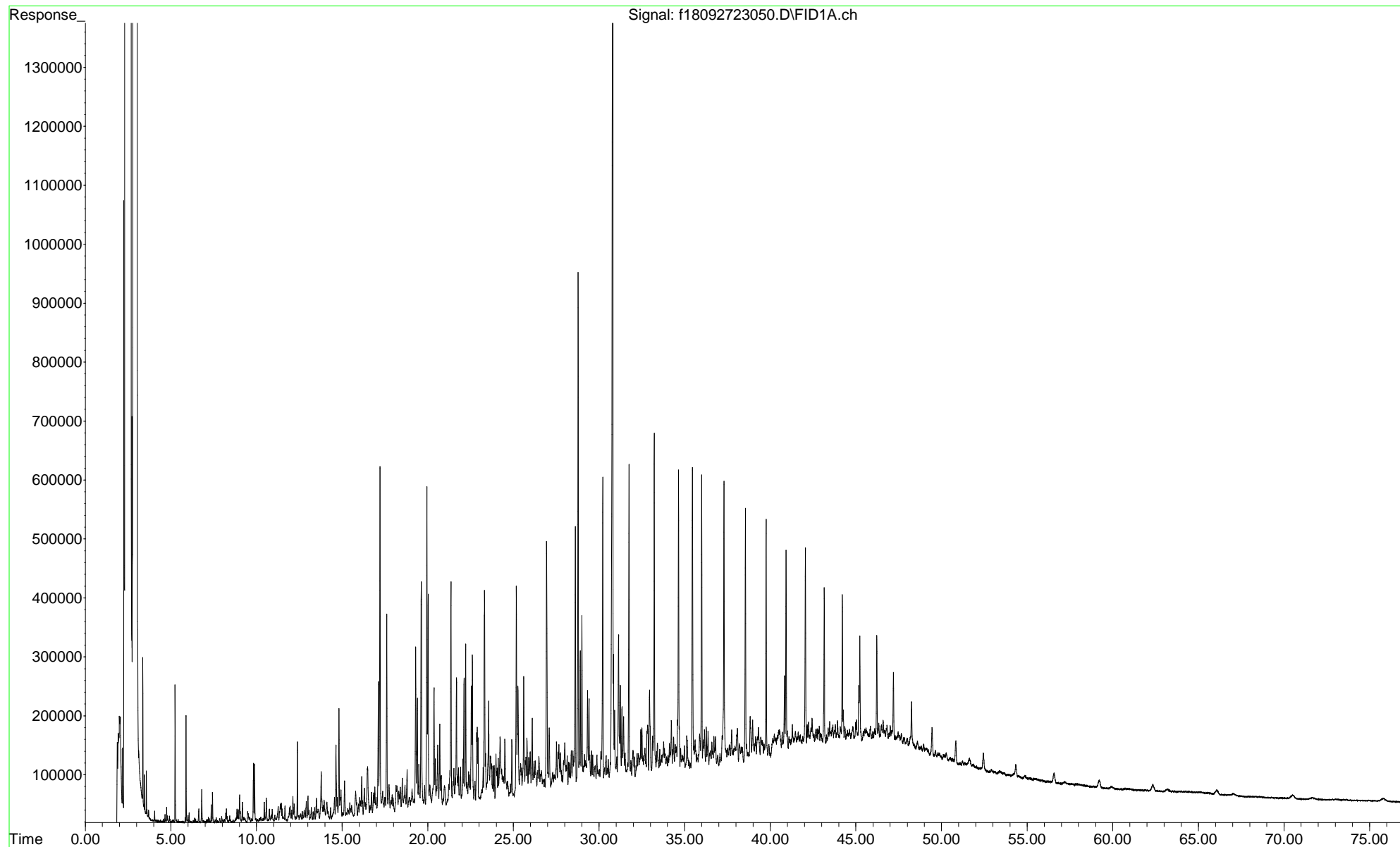
EPA 245.1 Hg.

SM2340B

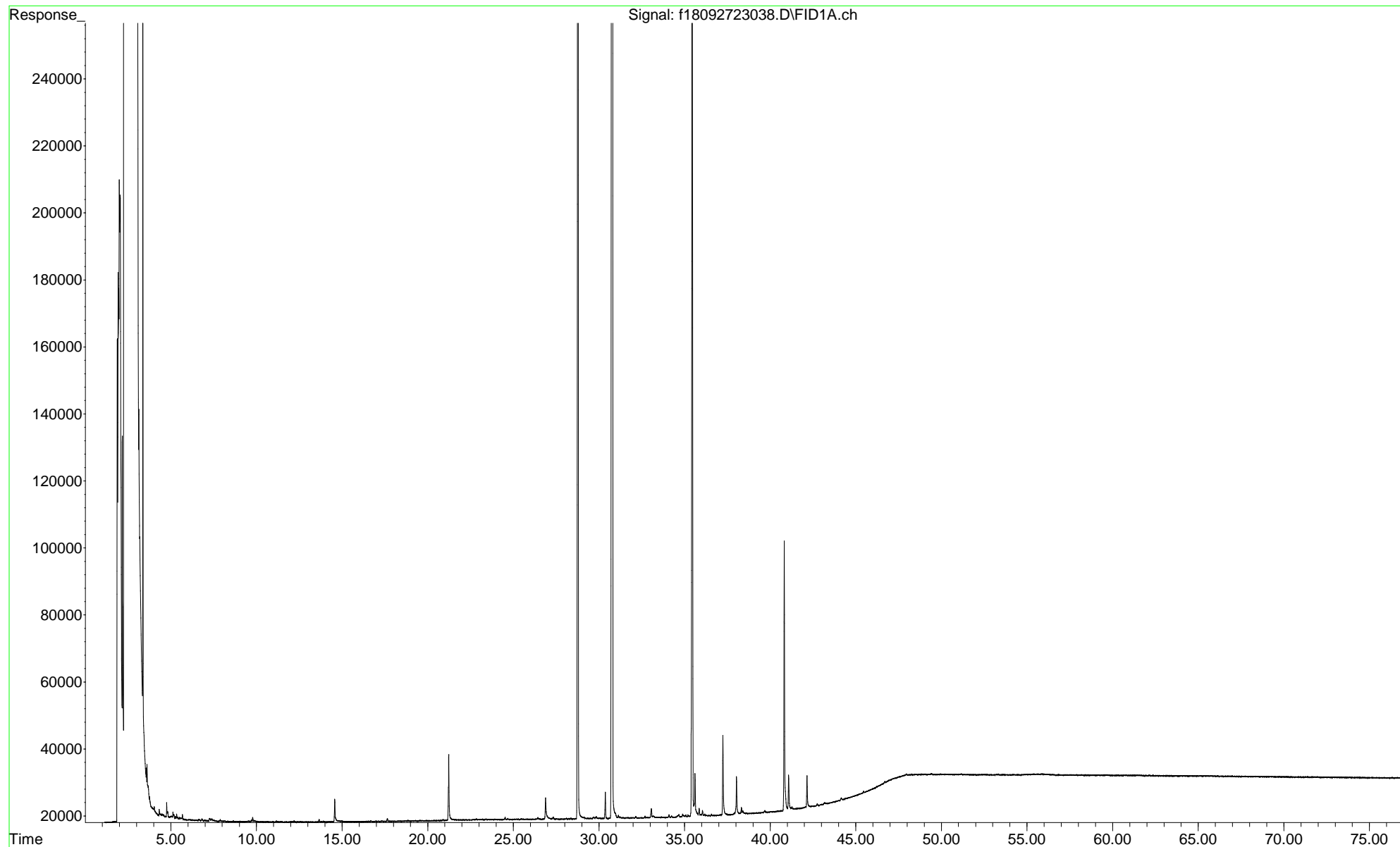
For a complete listing of analytes and methods, please contact your Alpha Project Manager.

GC-FID Chromatogram

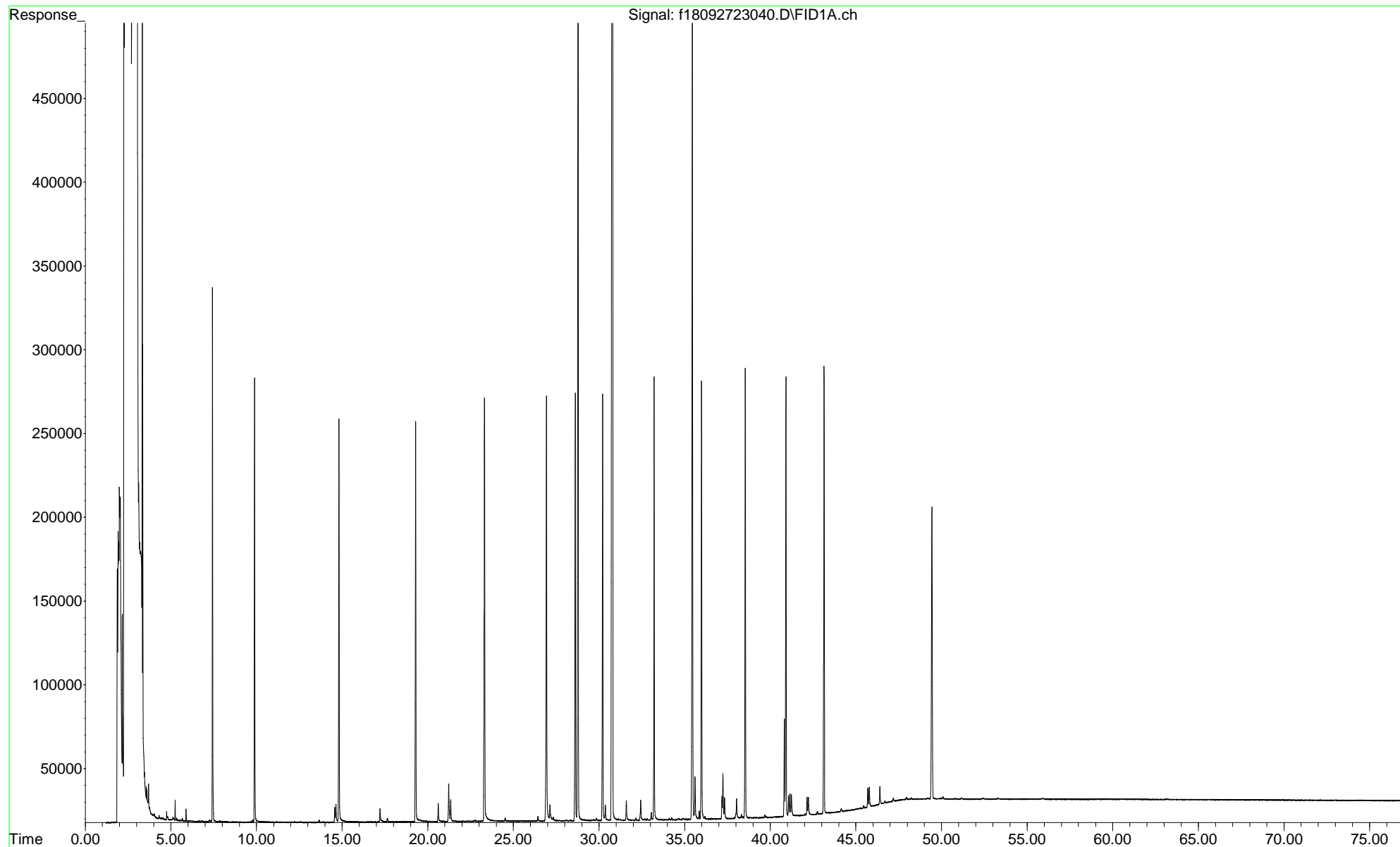
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Instrument : FID 18
Sample Name: L2355510-01
Misc Info : WG1832820,WG1832052,ICAL20298
Vial Number: 25



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Vial Number: 19

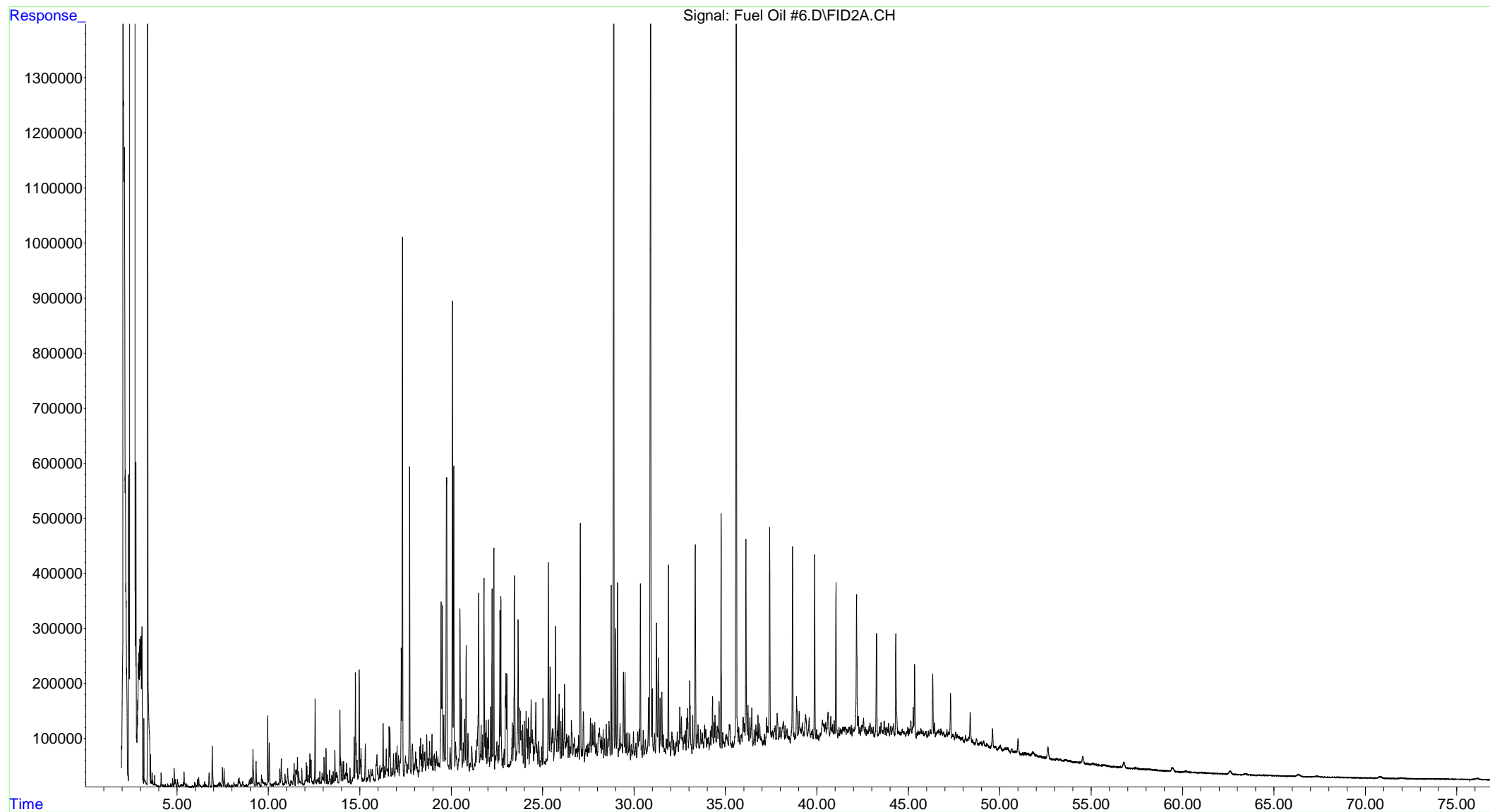


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Vial Number: 20

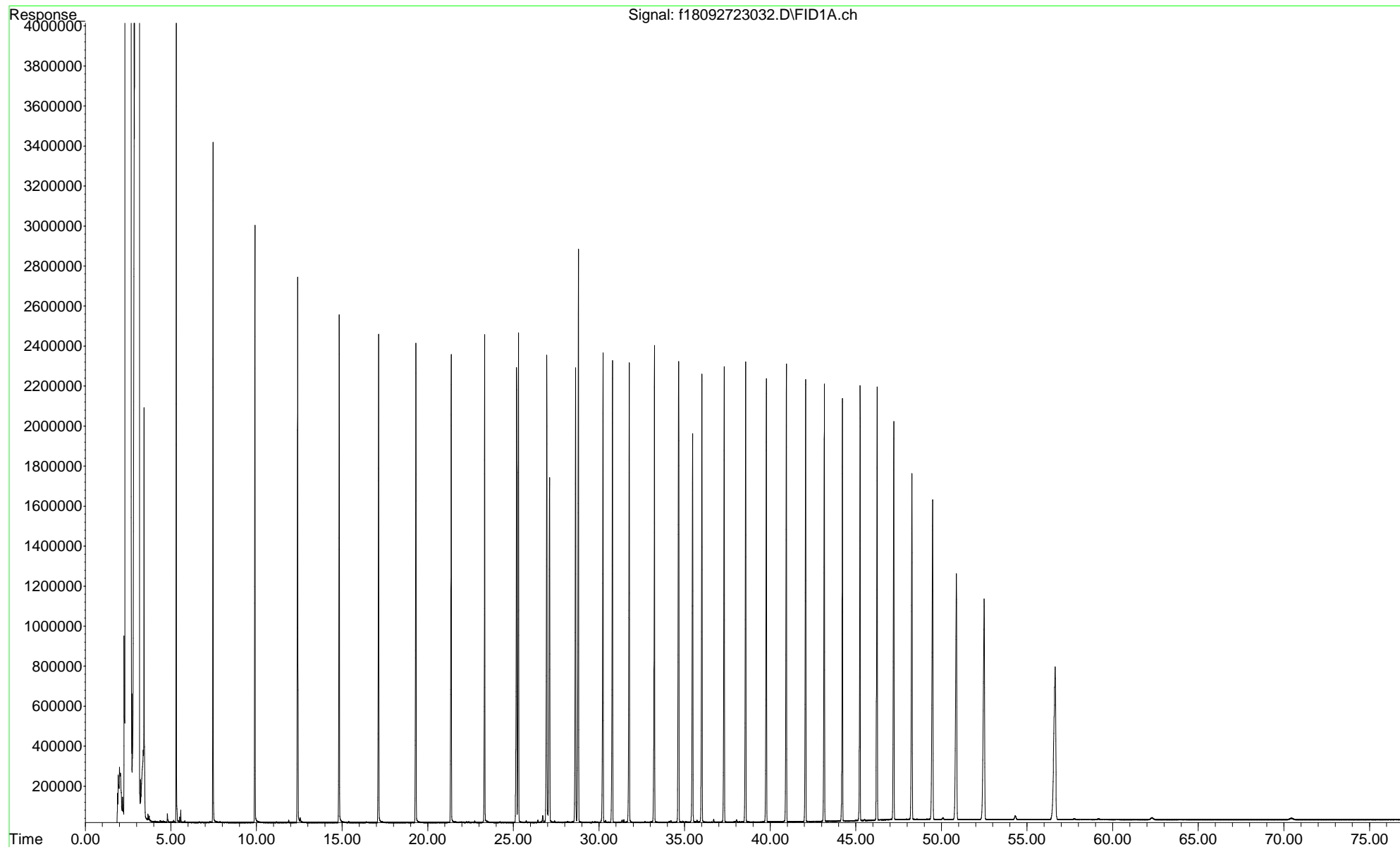


Petroleum Reference Standards

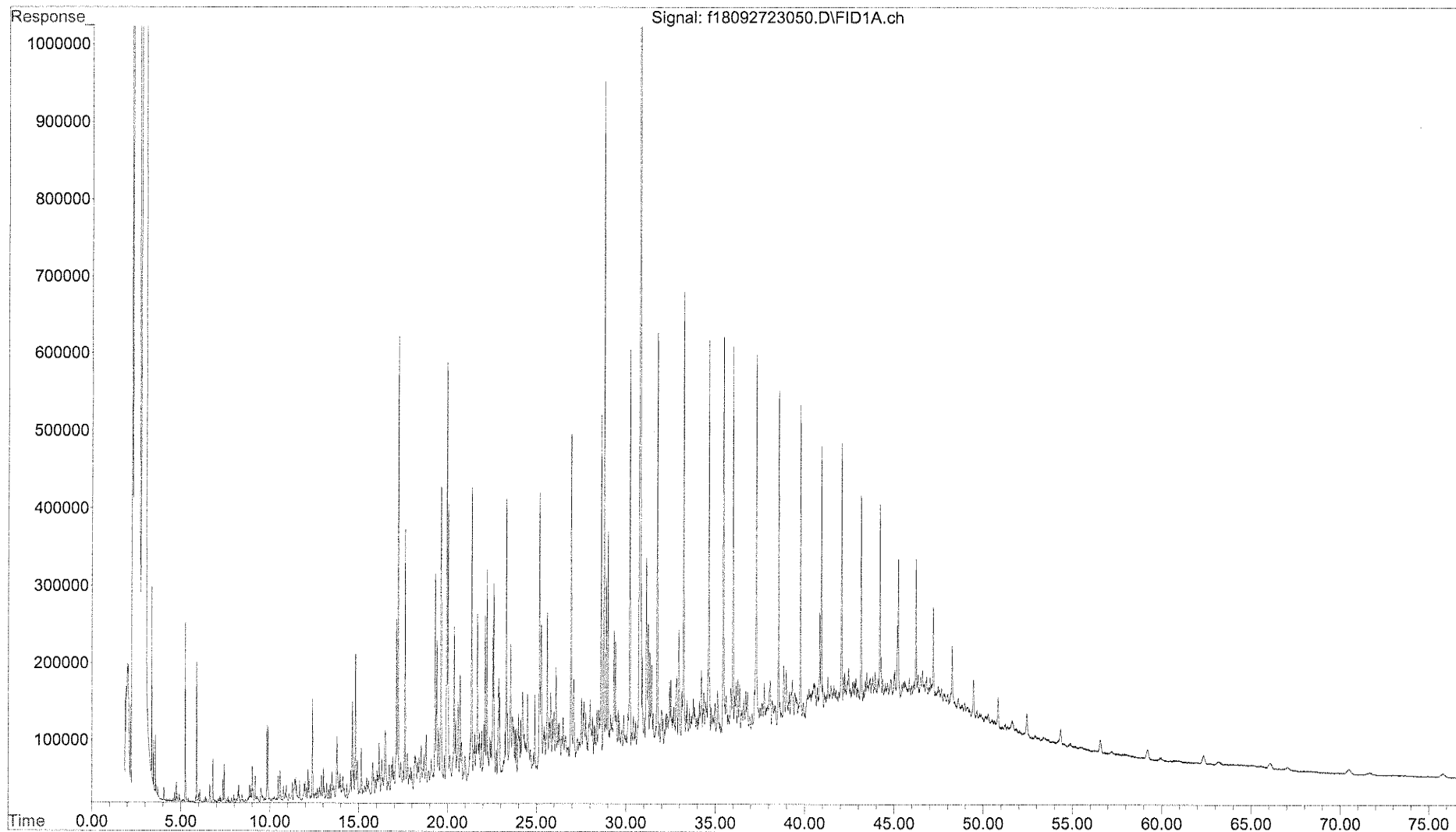
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Misc Info : 1X F042710F



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Instrument : FID 18
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Misc Info : WG1832820,FRBG57,ICAL20298
Vial Number: 16



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Operator : FID18:AMV
Acquired : 28 Sep 2023 08:25 pm using AcqMethod FID18.M
Instrument : FID 18
Sample Name: L2355510-01
Misc Info : WG1832820,WG1832052,ICAL20298
Vial Number: 25





**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**


Appendix E

MEMO



TO: File, 08 Decisions

FROM: Christopher Redmond, MEDEP

DATE: 09-21-2023 

SITE NAME/ID#: Mason Station Power House Site, Wiscasset (#REM03185)

SUBJECT: Administrative Warrant Documentation

On September 12, 2023, the Maine Department of Environmental Protection (MEDEP) obtained and executed an administrative inspection warrant to conduct inspection and sampling at the Mason Station Power House site, #REM03185, located at 1 Point East Drive in Wiscasset (Site). A copy of the signed warrant, signed warrant application, and signed warrant notice are included as Attachment A.

Mason Station LLC, the Site owner, was provided with advanced written notice of the warrant hearing. That written notice included a signed copy of the warrant notice, unsigned warrant application, and unsigned warrant. I mailed those documents to Mason Station LLC via FedEx overnight mail on September 7, 2023 and also sent them via email on September 7, 2023. Copies of the email, and the FedEx receipts and tracking numbers are included in Attachment B.

A Wiscasset District Court judge signed the warrant the morning of September 12, 2023, after the application materials were presented by Assistant Attorney General Jeffery Skakalski. After receiving a copy of the signed warrant at the courthouse, I proceeded to the Site, arriving at the Site at approximately 0920 on September 12, 2023. Tim Harris, the caretaker for the Site and an agent of Mason Station LLC, arrived and at approximately 0920, I provided him with an unsigned copy of the warrant and warrant application as a courtesy. I also offered that he could inspect a signed copy of the warrant, which he declined. At approximately 0922 I posted a copy of the signed warrant, signed warrant application, and signed warrant notice just inside the gate on the road leading to the Site, which was unlocked when I arrived. I posted a second copy of the signed warrant, signed warrant application, and signed warrant notice on the door to the power house building at 0928. Ron Mongeon, Enforcement Specialist with the MEDEP Commissioner's Office, accompanied me and observed the warrant posting. Photos documenting the warrant posting are included in this memo. Ron Mungeon departed the Site after the posting was complete.

At approximately 0935, Tim Harris provided me with four keys to the site buildings after I informed him that a locksmith was on the way and would need to rekey the locks if we did not have keys. After reportedly speaking on the phone with Daniel Pennessi, counsel for Mason Station LLC, Tim Harris indicated that I could keep the keys for the duration of the 10 day warrant period and I indicated I would mail them back to the Site owner after that. I declined to

speaking with Daniel Pennessi, who Tim Harris was on the phone with, and asked Tim to refer Daniel to Assistant Attorney General Jeffery Skakalski. Four photos are included with this memo.

Other MEDEP staff began arriving soon after that to assist with the sampling efforts, which will be detailed in a separate report. MEDEP staff were onsite between the hours of 0800 and 1700 on September 12, 2023; September 13, 2023; September 13, 2023; September 14, 2023; September 20, 2023; and September 21, 2023.

On September 21, 2023, I filed a Return for Warrant at the Wiscasset district court. It was hand delivered at approximately 1312 and a copy of the filing was sent via electronic mail to Mason Station LLC later that day. A copy of the filing is included as Attachment C.



Photo 1: Signed warrant, signed warrant application, and signed warrant notice posted on orange cone just beyond entry gate. Photo by Ron Mongeon, MEDEP



Photo 2: Signed warrant, signed warrant application, and signed warrant notice posted on orange cone just beyond entry gate. Photo by Ron Mongeon, MEDEP



Photo 3: Warrant posted on door to the Power House Building at the Site. Door was centrally located on the River side of building. Photo by Chris Redmond, MEDEP



Photo 4: Warrant posted on door to the Power House Building at the Site, close up of area shown in Photo 3. Photo by Chris Redmond, MEDEP

Attachment A

NOTICE OF APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT

TO: Mason Station LLC and Joseph Cotter

485 West Putnam Avenue
Greenwich, CT 06830

c/o Corporation Service Company
45 Memorial Circle
Augusta, ME 04330


Jcotter@nationalresources.com
Dpennessi@nationalresources.com

REC'D LINCOLN CIV COURT
SEP 12 12:28 PM '23

This is to notify you as the owner of the premises at 1 Point East Drive, Wiscasset, Maine (“Premises”), that on September 12, 2023 at 8:30 a.m., the applicant, Christopher Redmond of the Maine Department of Environmental Protection, intends to present an application for an Administrative Inspection Warrant to inspect the Premises. See the enclosed Affidavit and Application for Administrative Inspection Warrant and proposed Administrative Inspection Warrant. The applicant intends to submit the Affidavit and Application for an Administrative Inspection Warrant on September 12, 2023 at 8:30 a.m. to the Wiscasset District Court located at 32 High Street, Wiscasset, Maine. You have the right to be present to state your opposition, if any, to the issuance of the warrant.

This Notice was sent by FedEx overnight delivery on September 7, 2023 and by electronic mail on September 7, 2023 to Mason Station LLC and Joseph Cotter at: 485 West Putnam Avenue, Greenwich, CT, 06830; Corporation Service Company, 45 Memorial Circle, Augusta, ME, 04330; and, Jcotter@nationalresources.com and Dpennessi@nationalresources.com.

Dated: September 7, 2023



Christopher Redmond
Oil and Hazardous Materials Specialist III
Maine Department of Environmental Protection

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
1 POINT EAST DRIVE AND ASSOCIATED BUILDINGS, WISCASSET, MAINE
Page 1 of 11**

STATE OF MAINE
LINCOLN, ss.

WISCASSET DISTRICT COURT
CIVIL ACTION
DOCKET No.: CV-2023-73

AFFIDAVIT AND APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT

Pursuant to the laws concerning the State of Maine, Department of Environmental Protection's ("Department") Organization and Powers, 38 M.R.S. § 347-C, the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S. § 1304(4-A) ("Hazardous Waste Act"), the Uncontrolled Hazardous Substance Sites Law, 38 M.R.S. §§ 1361-1371 ("Uncontrolled Sites Law"), and Maine Rule of Civil Procedure 80E, I, **Christopher Redmond**, being duly sworn, depose and say that:

PARTIES

- (1) Applicant **Christopher Redmond** is an **Oil and Hazardous Materials Specialist III** currently employed by the Department.
- (2) The Department is an agency of the State of Maine established by and existing under the authority of 38 M.R.S. § 341-A with its principal office in Augusta, Kennebec County, State of Maine. The Department is charged with the responsibility of administering and enforcing the State's environmental laws. Its principal office is located at 32 Blossom Lane, Augusta, Maine 04333.
- (3) **Mason Station LLC** is a limited liability company (foreign) organized under the laws of Delaware (Maine Charter Number 20210729FC). Joseph Cotter is the President of Mason Station LLC.

PREMISES TO BE SEARCHED

- (4) It is my understanding and belief that Mason Station LLC owns property and buildings located at 1 Point East Drive, Wiscasset, Maine, which is a portion of the property described in Deed Indenture in which FPL Energy Mason LLC transferred the property to Mason Station LLC recorded in Book 3208, Page 307 at the Lincoln County Registry of Deeds and more fully identified on the Town of Wiscasset's Tax Map R7-A as Lot 81.
- (5) The property consists of 8.3 +/- acres and includes a multi-story brick building with a footprint of approximately 66,000 square feet referred to as the power house building, and which was formerly used to generate electricity. The property also includes three smaller

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
1 POINT EAST DRIVE AND ASSOCIATED BUILDINGS, WISCASSET, MAINE
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single story brick buildings formerly used as screen houses associated with the operation of the power house building. The property and buildings are vacant and unused and are located directly adjacent to the Sheepscot River. The power house building and three screen house buildings are not actively served by electric, water, or sewer utilities. The property is secured with a locked gate and the buildings are each individually locked. The property and associated buildings are hereinafter referred to as the "Premises."

REGULATORY AUTHORITY

- (6) Pursuant to the Department's general statutory authority "the department shall prevent, abate and control the pollution of the air, water and land and preserve, improve and prevent diminution of the natural environment of the State. The department shall protect and enhance the public's right to use and enjoy the State's natural resources. . . ." 38 M.R.S. § 341-A(1).
- (7) Pursuant to the Hazardous Waste Act, "[t]he discharge of hazardous waste into or upon any waters of the State, or into or upon any land within the State's territorial boundaries or into the ambient air, is prohibited unless licensed or authorized under state or federal law." 38 M.R.S. § 1306(3).
- (8) Pursuant to section 1365(1) the Uncontrolled Sites Law, 38 M.R.S. § 1365(1), the Commissioner of the Department has the authority, after investigation, to make findings that a location at which hazardous substances are or were handled or otherwise came to be located may create a danger to the public health, to the safety of any person or to the environment, and may:
 - A. Designate that location as an uncontrolled hazardous substance site;
 - B. Order any responsible party dealing with the hazardous substances to cease immediately or to prevent that activity and to take an action necessary to terminate or mitigate the danger or likelihood of danger; and
 - C. Order any person contributing to the danger or likelihood of danger to cease or prevent that contribution.

ENTRY AND INSPECTION AUTHORITY

- (9) The Department possesses general statutory authority pursuant to 38 M.R.S. § 347-C to enter and inspect the Premises for violations of any laws, regulations, or licenses administered by the Department, and employees and agents of the Department may enter, inspect, take samples, and conduct tests under the following circumstances, which are delineated into

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
1 POINT EAST DRIVE AND ASSOCIATED BUILDINGS, WISCASSET, MAINE
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subsections involving property or buildings:

1. Property. Enter any property at reasonable hours in order to inspect the property to take samples, inspect records relevant to any regulated activity or conduct tests as appropriate to determine compliance with any laws administered by the department or the terms and conditions of any order, regulation, license, permit, approval or decision of the commissioner or of the board; and

2. Buildings. Enter any building with the consent of the property owner, occupant or agent, or pursuant to an administrative search warrant, in order to inspect the property or structure, including the premises of an industrial user of a publicly owned treatment works, and to take samples, inspect records relevant to any regulated activity or conduct tests as appropriate to determine compliance with any laws administered by the department or the terms and conditions of any order, regulation, license, permit, approval or decision of the commissioner or of the board.

- (10) The Department administers the Hazardous Waste Act and possesses statutory authority to enter, inspect, and take samples from the Premises pursuant to section 1304(4-A), 38 M.R.S. § 1304(4-A), which provides:

For the purposes of enforcing any provision of this Act or of developing or enforcing any rule authorized by this Act, any duly authorized representative or employee of the department may, upon presentation of appropriate credentials, at any reasonable time:

- A. Enter any establishment or other place which is not a residence, or any conveyance, where or in which hazardous or solid waste, sludge or septage is generated, handled or transported;
- B. Inspect and obtain samples of any hazardous or solid waste, sludge or septage, including samples from any conveyance in which hazardous or solid waste, sludge or septage is being or has been transported, as well as samples of any containers or labels; and
- C. Inspect and copy any records, reports, information or test results relating to hazardous or solid waste, sludge or septage.

- (11) The Department administers the Uncontrolled Sites Law and possesses statutory authority to enter, inspect and take samples from the Premises pursuant to section

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
1 POINT EAST DRIVE AND ASSOCIATED BUILDINGS, WISCASSET, MAINE
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1364(3), 38 M.R.S. § 1364(3), as well as require the submission of information and documents related to hazardous substances or other wastes at the Premises for the following purposes:

... [to] investigate and sample sites where hazardous substances are stored or handled to identify uncontrolled hazardous substance sites. During the course of the investigation, the commissioner may require submission of information or documents that relate or may relate to the site under investigation from any person whom the commissioner has reason to believe may be a responsible party. The information may include the nature and amounts of hazardous substances or other wastes that arrived or may have arrived at the site, manner of transportation, treatment or disposal of the hazardous substances or other wastes and any other information relating to the site or to threats posed by the potential site.

REQUEST FOR WARRANT

- (12) It is my understanding and belief that the buildings on the Premises were constructed some time between 1940 to 1946, and were later expanded. It is also my understanding and belief that the Premises was operated as a coal-powered and then oil-powered electricity generating plant at various times between 1961 and 1989, and that such plants are known to generate, use, store or include in their construction, hazardous substances such as: asbestos, polychlorinated biphenyls (PCBs), mercury, waste oil and other hazardous substances. The power house building is connected to a series of outfall pipes that run from the interior or underneath the building to on or near the shore of the Sheepscot River. Some or all of these outfall pipes are believed to have served as discharge points from the power house building to the river. Three associated screen house buildings were built along the Sheepscot River to screen detritus from river intake water for the turbines they serviced, and the screen house buildings may also have served as discharge points to the river. In 2003, Mason Station LLC purchased the Premises and any remaining operations there ceased on or about that time. From 2003 onward, a large amount of the power generating equipment was removed from the power house building.
- (13) The Department received reports from Mason Station LLC, dated December 17, 2018, October 4, 2019, February 19, 2020, March 16, 2020, February 5, 2021, April 7, 2021, and October 19, 2021, indicating that hazardous wastes and substances, including but not limited to, PCBs, mercury, waste oil, and asbestos were discharged at the Premises. These reports included some of the following information:
- a. Some chemicals were discharged to the ground surface on exterior portions of the Premises, such as PCB oil leaking from waste electrical transformers.

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- b. Other discharges took place inside the power house building including waste oil leaking from damaged pipes and damaged asbestos pipe insulation falling off of pipes and equipment.
 - c. The interior of the power house building has a network of concrete trenches and drains that run throughout the building and appear to discharge to the Sheepscot River by outfall pipes which provide a potential pathway for interior discharges to reach environmental receptors.
 - d. A March 16, 2020 report described a 2018 oil discharge from an interior transformer entering the Sheepscot River through one or more of the outfall pipes. The Department staff also observed this discharge into the Sheepscot River.
- (14) It is my understanding and belief that PCBs, asbestos, and other hazardous substances may also be entering the Sheepscot River through one or more of the outfall pipes. Based on the threats and dangers posed by the Premises to the environment, the public health, and the safety of any person or persons who may enter the Premises, the Department has conducted inspections, including on at least 12 occasions in 2022, in which Department staff observed ongoing discharges of hazardous substances, including but not limited to, PCBs, waste oil, and asbestos at the Premises. The roof, roof drains, or both at the power house building were not weather tight for an extended period of time, possibly years, and may still not be weather tight, and it is believed that large amounts of water have entered and may still be entering the building allowing the continued spread and discharge of hazardous substances.
- (15) The Department has requested, in letters dated March 19, 2021, July 27, 2021, September 26, 2022, November 23, 2022, and January 25, 2023, that Mason Station LLC conduct sampling to determine the concentration and extent of the releases inside and outside the power house building. The collection and analysis of samples from the Premises is necessary to assess the risks posed by the releases to the health and safety of the public and the natural environment as well as the safety of Department staff and other persons entering the Premises.
- (16) As of the date of this Application, Mason Station LLC has failed to complete sampling and analysis to the satisfaction of the Department.
- (17) As a result of Mason Station LLC's failure to collect the samples previously requested by the Department on multiple occasions, on November 18, 2022, Department staff attempted to collect environmental samples from exterior and interior locations at the Premises; however, Mason Station LLC refused to permit the Department to collect samples at the Premises or analyze the limited samples it had obtained, including indoor air samples to test for the presence of asbestos. The Department voluntarily complied with these directives based on its policies but also asserted its legal authority to conduct its statutorily authorized investigation

of the Premises which includes collecting samples for analysis.

- (18) During a meeting between Mason Station LLC and the Department on December 2, 2022, Mason Station LLC's President Joseph Cotter provided verbal consent to allow the Department access to the Premises to conduct investigation and sampling. Mason Station LLC, by its President Joseph Cotter, also stated that it wanted its consultant to collect the samples being requested by the Department, and the Department agreed with this proposal provided that Mason Station LLC conduct sampling to the satisfaction of Department staff and that Department staff be permitted to attend and observe the collection of samples.
- (19) From December 2022 until April 2023, Department staff attempted to reach an agreement with Mason Station LLC regarding the collection of various samples from the Premises, including, for example, collecting sediment samples near outfall pipes that appear to come from the power house building and discharge into the Sheepscot River. The Department believes that hazardous wastes, hazardous substances, or other contaminants may be entering the environment from the Premises via outfall pipes and other migratory paths. Mason Station LLC would not agree to the scope of this and other sampling requests made by the Department.
- (20) On May 4, 2023, Department staff emailed the President of Mason Station LLC, Joseph Cotter at jcotter@nationalresources.com, and the legal counsel for Mason Station LLC, Daniel Pennessi at dpennessi@nationalresources.com, notifying them of the Department's intent to collect samples utilizing its own staff and consultants at the Premises on May 23 and 24, 2023, and requesting they confirm a representative would be present to unlock the Premises buildings. Mr. Cotter and Mr. Pennessi had been using these email addresses up until that time to communicate with the Department and its attorney, Assistant Attorney General Jeffrey Skakalski from the Maine Office of the Attorney General. No response to that email was received. On May 4, 2023, the Department also called the Premises' caretaker, Tim Harris, an agent or representative of Mason Station LLC, notifying him that the Department planned to collect samples beginning May 23, 2023, and requesting he be present to unlock the power house building on the Premises.
- (21) On May 4, 2023 Mason Station LLC representative Tim Harris verbally informed the Department that Mason Station LLC's President, Joseph Cotter, had refused to allow the Department on the Premises to collect samples.
- (22) In an effort to obtain clarification on the denial of access, Assistant Attorney General Jeffrey Skakalski sent an email on May 9, 2023 to Daniel Pennessi, legal counsel for Mason Station LLC, regarding the Department's access to collect samples at the Premises as part of its ongoing investigation into contamination there and related threats to public health and safety and the environment. Assistant Attorney General Jeffrey Skakalski's email requested

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confirmation or clarification regarding Mason Station LLC's refusal to allow the Department to collect samples at the Premises.

- (23) On May 16, 2023, Affiant sent an email message to the President of Mason Station LLC, Joseph Cotter, and its legal counsel, Daniel Pennessi, advising that Mason Station LLC's caretaker had denied the Department access to the Premises for the purpose of collecting samples and therefore the Department was cancelling the sampling scheduled for May 23 and 24.
- (24) Mason Station LLC, its President Joseph Cotter and its legal counsel Daniel Pennessi, have not responded to the communications described in Paragraphs 20, 22 and 23 above from the Department or the Office of the Attorney General.
- (25) On July 14, 2023, Affiant called legal counsel for Mason Station LLC, Daniel Pennessi, using his mobile phone number (914-582-xxxx) and left a voice message requesting access to the Premises for the purposes of conducting sampling, testing, and inspection and requesting that he return Affiant's call by July 19, 2023 to provide such access. Affiant has not received any response to this voice message.
- (26) The Department requested permission from the owners of the Premises, Mason Station LLC and/or Joseph Cotter, to conduct an inspection of the Premises and that request was denied.
- (27) Based on information known to me, Mason Station LLC's Premises is subject to regulation and inspection by the Department pursuant to its general statutory authority under 38 M.R.S. § 347-C; the Uncontrolled Hazardous Substance Sites Law, 38 M.R.S. §§ 1361-1371; the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S. §§ 1301 to 1319-Y, and the regulations promulgated thereunder.
- (28) 38 M.R.S. § 1303-C defines hazardous waste as: "...a waste substance or material, in any physical state, designated as hazardous by the board under section 1319-O..."
- (29) The Department's Identification of Hazardous Waste Rule, 06-096 C.M.R. ch. 590, identifies those wastes which are subject to regulation as hazardous wastes, which include but are not limited to:
 - a) PCBs may be hazardous wastes pursuant 06-096 C.M.R. ch. 850, § 3(C)(2)(c)(i), and
 - b) Mercury and other heavy metals may be hazardous wastes pursuant to 06-096 C.M.R. ch. 850 § 3(B)(5)(A).
- (30) Pursuant to section 1362(3) of the Uncontrolled Sites Law, an "uncontrolled hazardous

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substance site” is:

...an area or location, whether or not licensed, at which hazardous substances are or were handled or otherwise came to be located, if it is concluded by the commissioner that the site poses a threat or hazard to the health, safety or welfare of any person or to the natural environment and that action under this chapter is necessary to abate, clean up or mitigate that threat or hazard...

- (31) Hazardous substances, as defined by the Uncontrolled Hazardous Substance Sites Law (38 M.R.S. § 1362(1)), that are or were handled or otherwise came to be located at the Premises include but are not limited to:
- a) Polychlorinated biphenyls (“PCBs”) and mercury, being hazardous substances pursuant to 38 M.R.S. § 1362(1)(C), and the United States Comprehensive Environmental Response, Compensation, and Liability Act of 1980, Public Law 96-510, Sections 101 and 102 (CERCLA);
 - b) Waste oil petroleum products no longer suitable for their original purpose, which are hazardous substances pursuant to 38 M.R.S. § 1362(1)(G), and being waste oils as defined by the Maine Hazardous Waste, Septage and Solid Waste Management Act (38 M.R.S. § 1303-C); and
 - c) Asbestos, being a hazardous substance pursuant to 38 M.R.S. § 1362(1)(E), and being a hazardous air pollutant listed under the United States Clean Air Act, Section 112, 42 U.S.C.A. § 7412.
- (32) It is my understanding and belief that sampling and analysis will provide additional information necessary to determine whether and to what extent hazardous substances such as asbestos, PCBs, and waste oil or hazardous wastes are or were previously located at the Premises and to what extent such materials have been released or discharged in violation of Maine law or represent a threat to public health, the environment and persons at the Premises.
- (33) It is my understanding and belief that based on reports from Mason Station LLC and the observations of Department staff, that hazardous substances and wastes are or were handled or otherwise came to be located on the Premises and that they have been discharged or released at the Premises.
- (34) Inspection sought is for: collecting air, water, soil, sediment, wipe, and waste samples for laboratory analysis and for conducting one or more dye tests at the Premises and from within buildings at the Premises, as identified in Paragraphs 4 and 5.

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
1 POINT EAST DRIVE AND ASSOCIATED BUILDINGS, WISCASSET, MAINE**

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- (35) Samples will be collected from the Premises including from within Premises buildings, including the power house building and screen house buildings; from soil at the Premises; from outfall pipes discharging to the Sheepscot River; and from the shoreline, shore, and intertidal areas of the Premises which abuts the Sheepscot River. Based on the long industrial history and documented discharges of hazardous substances at the Premises, as well as the large size of the building and Premises, the scope of the Administrative Inspection Warrant is for a general area inspection.
- (36) Samples will be analyzed for hazardous wastes and substances including, but not limited to, asbestos, PCBs, petroleum and waste oil constituents, volatile organic compounds, semi-volatile organic compounds, and heavy metals.
- (37) The Applicant has requested permission from the owner or occupant of the Premises to be inspected and Mason Station LLC, through its representative on May 4, 2023 and through its legal counsel's refusal to respond to requests on May 9, 2023 and July 14, 2023, has denied the Department access to records and the Premises for inspection and sampling, as required by the Department to ensure compliance with these laws and regulations and protect the public health and environment.
- (38) The Department has provided written notice to Mason Station LLC by electronic mail sent on September 7, 2023 to Mason Station LLC and to counsel for Mason Station LLC and by FedEx overnight delivery service sent on September 7, 2023, informing Mason Station LLC that the Department intends to submit this Affidavit and Application to the Wiscasset District Court in Lincoln County, Maine on September 12, 2023 at 8:30 a.m. The written notice advised Mason Station LLC of its opportunity to oppose this Application. As such, Mason Station LLC was provided more than twenty-four hours advance notice of the presentation of this Application.
- (39) It is my understanding and belief that by Mason Station LLC's continual refusal to allow Department access to assess the potential violations and hazards described herein, it is thereby obstructing the Department's access to the Premises and buildings thereon for the purpose of inspecting the Premises, sampling, and inspecting records relevant to any regulated activity or conducting tests as appropriate, in violation of 38 M.R.S. §§ 347-C and 1304(4-A).
- (40) The Department's inability to inspect the Premises, collect samples, inspect records, conduct dye testing, take photographs or videotapes, and conduct an adequate investigation prevents me from fully determining whether:
 - a) Mason Station LLC was or is polluting the air, water and land, or diminishing the natural environment of the State, or impairing the public's right to use and enjoy

**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
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the State's natural environment in violation of 38 M.R.S. § 341-A(1);

- b) Mason Station LLC discharged or is discharging hazardous waste into or upon any waters of the State, or into or upon any land within the State's territorial boundaries or into the ambient air in violation of 38 M.R.S. § 1306(3);
- c) the Premises owned and operated by Mason Station LLC is a location at which hazardous substances are or were handled or otherwise came to be located and may create a danger to the public health, to the safety of any person, or to the environment in violation of 38 M.R.S. § 1365(1).

(41) Based upon the foregoing circumstances, I seek an Administrative Inspection Warrant to enter the Premises identified in paragraphs 4 and 5 of this Application to conduct any or all of the following activities:

- a) Investigate and sample any and all material on, at, or from the Premises and from any location within or outside any of the buildings which may reveal violations of 38 M.R.S. §§ 1301 to 1319-Y (Hazardous Waste Act), 38 M.R.S. §§ 1361-1371 (Uncontrolled Sites Law), and the regulations promulgated thereunder.
- b) Investigate and sample the Premises and buildings thereon to determine if the Premises is an uncontrolled hazardous substance site, pursuant to 38 M.R.S. § 1364(3).
- c) Observe the Premises, areas surrounding the buildings, areas within the buildings, the outfalls, the tidal areas, and shoreline and surroundings areas in order to identify any violations of 38 M.R.S. §§ 1301 to 1319-Y, 38 M.R.S. §§ 1361-1371, and the regulations promulgated thereunder.
- d) Photograph and/or video/audio record any evidence of potential violations of 38 M.R.S. §§ 1301 to 1319-Y, 38 M.R.S. §§ 1361-1371, and the regulations promulgated thereunder.
- e) Perform one or more dye tests to determine where standing water that collects in vaults and trenches within the Premises building discharges to the environment, including but not limited to discharges to the adjacent Sheepscot River from outfall pipes that lead from buildings at the Premises to the shoreline of the Sheepscot River.

(42) Said inspections shall begin as soon as possible after the issuance of the Administrative Warrant and shall be completed with reasonable promptness, taking into consideration the scope and purpose of the inspection. Such entry, inspection and sampling may occur over

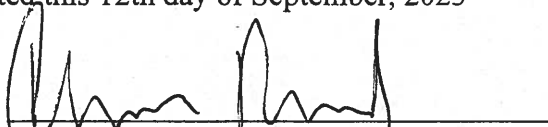
**APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT
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multiple days during the effective period of this warrant and will occur during the hours of 8:00 am to 5:00 pm.

- (43) The Affiant may be accompanied by other Department staff, agents or consultants retained by the Department, and law enforcement officers to ensure access to the building and the safety of Department staff and their agents.
- (44) The Affiant is requesting permission for Department staff and its agents, law enforcement officers, and/or locksmiths to use reasonable force based upon the circumstances presented to enter the premises and buildings or secured areas inside the buildings if they are locked or otherwise inaccessible to Department staff and its agents, including the use of bolt cutters, saws, or other implements reasonably necessary for access.
- (45) A prompt return shall be made to the Court no later than ten (10) days from the date of the execution of the Administrative Inspection Warrant showing that the inspection has been completed.
- (46) The Department may seek an additional inspection warrant or warrants in the future should the need arise and Mason Station LLC continues to refuse to allow the Department to conduct its work.

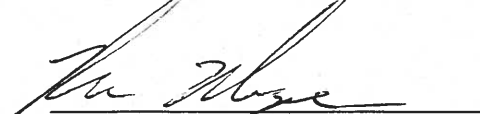
THEREFORE, I respectfully request that the Court issue an Administrative Inspection Warrant authorizing me, and any other Department employees or agents necessary to complete the tasks enumerated above.

Dated this 12th day of September, 2023

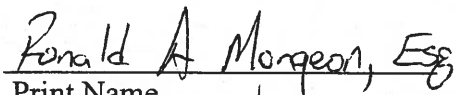


**Christopher Redmond Affiant
Maine Department of Environmental
Protection
32 Blossom Lane, Augusta, Maine 04333
207-215-8597**

The above named individual, Christopher Redmond, personally appeared before me and made oath that the above stated facts are true and correct based upon his own personal knowledge.



Notary Public/Attorney at Law


Print Name
#5024

STATE OF MAINE
LINCOLN, ss.

WISCASSET DISTRICT COURT
CIVIL ACTION
DOCKET No.: CV-23-73

ADMINISTRATIVE INSPECTION WARRANT

**TO: ANY OFFICIAL OR EMPLOYEE OF THE STATE AUTHORIZED BY LAW TO
EXECUTE THIS INSPECTION WARRANT**

Affidavit and application having been made before me by Christopher Redmond, which affidavit is attached hereto and incorporated herein by reference, and as I am satisfied that there is probable cause to believe that grounds for the issuance of an administrative inspection warrant exist and that the property owner or occupant has been provided at least 24 hours' notice in advance of the presentation of the application and an opportunity to state any opposition thereto, you are hereby commanded to search the place herein described for evidence of violations of the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S. §§ 1301, *et seq.* (Hazardous Waste Act), the Uncontrolled Hazardous Substance Sites Law, 38 M.R.S. §§ 1361, *et seq.* (Uncontrolled Sites Law), or any other laws administered by the Maine Department of Environmental Protection (Department) including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Board of Environmental Protection as provided for by 38 M.R.S. § 347-C, and if any records, information or property pertaining to this determination are found, to seize such records, information or property and prepare a written inventory of the property seized.

This warrant authorizes you and any of your agents including all employees of the Department, its agents, and contractors to inspect and seize samples in any form that may disclose the presence of hazardous substances, hazardous wastes, or solid wastes including but not limited to samples of soil, sediment, water, or air located in, on, or about the place herein

described and to inspect and copy any records, reports, information, or test results relating to hazardous substances, hazardous wastes, or solid wastes which may be found thereupon. This warrant also authorizes you and any of your agents, including all employees of the Department, its agents, and contractors to seize and test any samples collected from the Premises and to conduct dye tests or other testing at the Premises in order to determine potential violations of any laws administered by Department including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Maine Board of Environmental Protection. This warrant also authorizes you and any of your agents, including all employees of the Department, its agents, and contractors including locksmiths to use reasonable force based upon the circumstances to enter the premises and buildings or secured areas inside the buildings if they are locked or otherwise inaccessible to Department staff and its agents, including by the use of bolt cutters, saws, or any other tools or implements.

Name of owner or occupant of place to be searched, if known to affiant: Mason Station LLC

Premises to be inspected: See attached and incorporated affidavit and application for additional details. The Premises to be inspected is an 8.3 +/- acre property, which includes an approximately 66,000 square foot multi-story brick building and three smaller single story brick buildings located at 1 Point East Drive in Wiscasset, Maine, which is a portion of the property described in Deed Indenture in which FPL Energy Mason LLC transferred the property to Mason Station LLC recorded in Book 3208, Page 307 of the Lincoln County Registry of Deeds and more fully identified on the Town of Wiscasset's Tax Map R7-A as Lot 81. The inspection and seizure of samples may occur at any location on or about the Premises including along shoreline, inside of buildings, and outside of buildings. The Department is authorized to conduct a general area inspection of the Premises.

Purpose of the inspection: See attached and incorporated affidavit for additional details.

The purpose of the inspection is to investigate, observe, take samples for testing, photograph and/or videotape and perform dye tests on and about the Premises to determine compliance with laws administered by the Department including the Hazardous Waste Act and Uncontrolled Sites Law.

Grounds of probable cause: See attached and incorporated affidavit and application for additional details. Having considered the affidavit and application for an administrative inspection warrant, the history of the Premises, and the observations of Department staff while on the Premises, the Court is satisfied that probable cause exists to believe that there are violations of the Hazardous Waste Act, the Uncontrolled Sites Law, or other laws administered by the Department at the Premises. The Court finds that probable cause exists to support a general area inspection of the Premises.

This warrant shall be executed between the hours of 8:00 AM and 5:00 PM from September 12, 2023, and will continue until it has been determined whether or to what extent there have been violations of the Hazardous Waste Act, the Uncontrolled Sites Law, or other laws administered by Department including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Board of Environmental Protection. Due to the scope and area to be searched, the execution of this warrant may occur over multiple days, not to exceed a total of 10 days from the issuance of the warrant. The warrant shall be returned, together with a written inventory of property seized, within 10 days of the execution thereof, to the Wiscasset District Court, of Lincoln County, Maine.

Issued at Wiscasset, Maine, in the County of Lincoln, this 12th day of September 2023.


DISTRICT JUDGE
COMPLAINT JUSTICE

8:51 am

A True Copy Attest:

Teri Lambert
Clerk



Attachment B

From: [Redmond, Christopher](#)
To: [Joe Cotter](#); [Daniel Pennessi](#)
Cc: [Skakalski, Jeffrey](#)
Subject: Mason Station LLC - Notice of Application for Administrative Inspection Warrant
Date: Thursday, September 7, 2023 3:58:00 PM
Attachments: [2023-09-07 NOTICE OF APPLICATION FOR ADMINISTRATIVE INSPECTION WARRANT - SIGNED.pdf](#)
[2023-09-07 final Aff. and Application for Admin. Inspection Warrant.pdf](#)
[2023-09-07 final Admin. Inspection Warrant.pdf](#)

Joseph Cotter and Mason Station LLC,

A notice of application for an administrative inspection warrant and supporting documentation is attached.

Thanks,

Chris Redmond
Division of Remediation
Maine Department of Environmental Protection
207-215-8597 (cell)
www.maine.gov/dep

The Mailing Center
126 Western Ave
Augusta, ME 04330
207-621-0234

Shipment-----

FedEx Priority Overnight Envelope

Ship To:

C/O CORPORATION SERVICE COMPANY
MASON STATION LLC AND JOSEPH COTTER
45 MEMORIAL CIRCLE
AUGUSTA, ME 04330

Package ID: 943201 77.90

Tracking #: 783468651434

Expected arrival: Fri 09/08 10:30 AM

Shipment-----

FedEx Priority Overnight Envelope

Ship To:

MASON STATION LLC AND JOSEPH COTTER
485 W PUTNAM AVE
GREENWICH, CT 06830-6060

Package ID: 943202 94.03

Tracking #: 783468703939

Expected arrival: Fri 09/08 10:30 AM

SUBTOTAL	171.93
TAX	0.00
TOTAL	171.93
TEND MCVisa	171.93

Total shipments: 2

CHRISTOPHER REDMOND

09/07/2023

#280146

02:17 PM

Workstation: 0 - Augusta1

I have verified that the address is correct.

Time in transit is estimate only.

Visit www.mailingctr.com to track your packages.



September 08, 2023

Dear Customer:

Proof-of-delivery letters are being provided for the following shipments:

783468651434
783468703939

AUGUSTA, ME
GREENWICH, CT

You may save or print this Batch Signature Proof of Delivery file for your records.

Thank You For Choosing Fedex.

FedEx

1.800.GoFedEx 1.800.463.3339



September 08, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 783468651434

Delivery Information:

Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	K.SNELL	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		AUGUSTA, ME,
		Delivery date:	Sep 8, 2023 09:52

Shipping Information:

Tracking number:	783468651434	Ship Date:	Sep 7, 2023
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
AUGUSTA, ME, US,		AUGUSTA, ME, US,	

Reference	CHRISTOPHER REDMOND
Invoice	PKG ID: 943201

Thank you for choosing FedEx



September 08, 2023

Dear Customer,

The following is the proof-of-delivery for tracking number: 783468703939

Delivery Information:

Status:	Delivered	Delivered To:	Receptionist/Front Desk
Signed for by:	M.ARY	Delivery Location:	
Service type:	FedEx Priority Overnight		
Special Handling:	Deliver Weekday		GREENWICH, CT,
		Delivery date:	Sep 8, 2023 11:01

Shipping Information:

Tracking number:	783468703939	Ship Date:	Sep 7, 2023
		Weight:	0.5 LB/0.23 KG
Recipient:		Shipper:	
GREENWICH, CT, US,		AUGUSTA, ME, US,	

Reference	CHRISTOPHER REDMOND
Invoice	PKG ID: 943202

Thank you for choosing FedEx

Attachment C



JANET T. MILLS
GOVERNOR

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION



MELANIE LOYZIM
COMMISSIONER

September 21, 2023

VIA HAND DELIVERY

Teri Lambert, Clerk
Wiscasset District Court
32 High Street
Wiscasset, ME 04578

Re: Return for Administrative Inspection Warrant for premises of Mason Station LLC;
Docket No – CV-2023-73

Dear Ms. Lambert:

Please find enclosed for filing in the above-referenced matter the Return filed in relation to the Administrative Inspection Warrant issued on September 12, 2023 for the inspection of the premises of Mason Station LLC by the State of Maine, Department of Environmental Protection. This return is being filed pursuant to M.R.Civ.P. 80E(f).

Thank you for your attention to this matter.

Sincerely,

Christopher Redmond
Maine Department of Environmental Protection
32 Blossom Lane
Augusta, Maine 04333
207-215-8597

Enc: Return of Administrative Inspection Warrant, 9/21/2023
Administrative Inspection Warrant, 9/12/2023

cc: Daniel Pennessi at dpennessi@nationalresources.com
Joseph Cotter at jcotter@nationalresources.com

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826

BANGOR
106 HOGAN ROAD, SUITE 6
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769
(207) 764-0477 FAX: (207) 760-3143

SEP 22 2023 10:22 AM

STATE OF MAINE
Lincoln, ss.

WISCASSET DISTRICT COURT
CIVIL ACTION
DOCKET NO. CV-2023-73

RETURN OF ADMINISTRATIVE INSPECTION WARRANT
(M.R. Civ. P. 80E)

DATE AND TIME OF INSPECTION

I, Christopher Redmond, an Oil and Hazardous Materials Specialist III, of the Maine Department of Environmental Protection obtained the attached Administrative Inspection Warrant from this Court on September 12, 2023. The warrant authorized an inspection of the premises located at 1 Point East Drive in Wiscasset, Maine. The warrant was executed beginning at 9:20 A.M. on September 12th, 2023. Signed copies of the warrant, notice, and application were posted at the front gate of the premises at 9:22 A.M. and the door of a building of the property at 9:28 A.M. An unsigned copy of the warrant and application were provided to a representative of Mason Station, LLC, Tim Harris, at 9:20 A.M. Signed copies of the warrant, notice, and application were sent to Mason Station LLC via electronic mail on September 12th, 2023 (dpennessi@nationalresources.com and jcotter@nationalresources.com).

INSPECTION SUMMARIZATION

Department staff, along with Air Quality Management Services, Inc., inspected the premises between September 12th, 2023 and September 20th, 2023, with inspections occurring between 8 A.M. and 5 P.M. on a total of five days. The Department's inspection activities are summarized as follows:

1. The Department inspected and observed portions of the premises including portions of the interior of the power house building and three screen house buildings, and collected photo and video of some areas of the premises.
2. The Department collected approximately 56 environmental samples including samples of

RETURN OF ADMINISTRATIVE INSPECTION WARRANT

1 Point East Drive, Wiscasset , Maine

Docket No. CV-2023-73

Page 2 of 4

soil, sediment, effluent water, water, air and unknown substances.

3. The Department contracted with Air Quality Management Services, Inc. to take 4 asbestos general air samples from inside and outside of the power house building and 3 personal exposure air samples from staff when they were inside of the power house building.
4. The Department conducted dye tests inside 2 vaults and 3 floor trenches within the power house building. Two floor trenches discharged dye to the Sheepscot River via outfall pipes located along the shoreline of the premises.
5. Presumed asbestos was observed in poor condition on equipment and overhead piping within the power house building.
6. Presumed asbestos was observed on floor surfaces in the power house building where it has deteriorated and fallen from original equipment and piping which appeared to be exacerbated by the leaking of roof drains of the power house building.
7. Water was observed being dispersed within the power house building by leaking roof drains associated with the power house building.
8. Presumed No. 6 waste oil was observed leaking from overhead piping and equipment in the power house building.
9. Samples were submitted to Alpha Analytical Laboratories in Westborough, Massachusetts; EMSL Analytical, Inc. in Cinnaminson, New Jersey; and Optimum Analytical & Consulting LLC in Salem, New Hampshire. Results are anticipated within 45 days, including the samples collected by Department subcontractor Air Quality

Management Services, Inc.

VIOLATIONS FOUND

During the search conducted at the premises:

1. The Department observed potential or actual releases or discharges of presumed waste No. 6 oil and presumed asbestos on and from the premises, which will be determined after results from sampling are obtained.
2. The Department observed the potential or actual release or discharge of unidentified substances within the power house building.
3. Through visible dye testing, the Department observed pathways from interior trench drains within the power house building discharging water to the Sheepscot River, which may indicate releases or discharges of hazardous wastes and/or hazardous substances to a water of the State.

Based on the Department's sampling and observations, it is my understanding and belief that Mason Station, LLC may have violated the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S. § 1306(3) and the Uncontrolled Hazardous Substance Sites Law, 38 M.R.S. §§ 1361-1371, through the unlawful discharge and/or release of hazardous substances, specifically asbestos, waste No. 6 oil and other materials whose identities have not been determined at this time, into or upon any waters of the State, or into or upon any land within the State's territorial boundaries or into the air without authorization from either state or federal law. Based on the Department's sampling and observations, it is my understanding and belief that the premises owned and operated by Mason Station LLC is a place where hazardous substances

RETURN OF ADMINISTRATIVE INSPECTION WARRANT

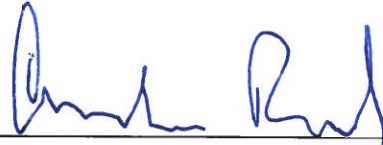
1 Point East Drive, Wiscasset, Maine

Docket No. CV-2023-73

Page 4 of 4

came to be located and may create a danger to the public health, to the safety of any person, or to the environment.

Dated this 21st day of September 2023.



Christopher Redmond, Affiant
Maine Department of Environmental
Protection
32 Blossom Lane,
Augusta, Maine 04333
207-215-8597

STATE OF MAINE
LINCOLN, ss.

WISCASSET DISTRICT COURT
CIVIL ACTION
DOCKET No.: CV-23-73

ADMINISTRATIVE INSPECTION WARRANT

**TO: ANY OFFICIAL OR EMPLOYEE OF THE STATE AUTHORIZED BY LAW TO
EXECUTE THIS INSPECTION WARRANT**

Affidavit and application having been made before me by Christopher Redmond, which affidavit is attached hereto and incorporated herein by reference, and as I am satisfied that there is probable cause to believe that grounds for the issuance of an administrative inspection warrant exist and that the property owner or occupant has been provided at least 24 hours' notice in advance of the presentation of the application and an opportunity to state any opposition thereto, you are hereby commanded to search the place herein described for evidence of violations of the Maine Hazardous Waste, Septage and Solid Waste Management Act, 38 M.R.S. §§ 1301, *et seq.* (Hazardous Waste Act), the Uncontrolled Hazardous Substance Sites Law, 38 M.R.S. §§ 1361, *et seq.* (Uncontrolled Sites Law), or any other laws administered by the Maine Department of Environmental Protection (Department) including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Board of Environmental Protection as provided for by 38 M.R.S. § 347-C, and if any records, information or property pertaining to this determination are found, to seize such records, information or property and prepare a written inventory of the property seized.

This warrant authorizes you and any of your agents including all employees of the Department, its agents, and contractors to inspect and seize samples in any form that may disclose the presence of hazardous substances, hazardous wastes, or solid wastes including but not limited to samples of soil, sediment, water, or air located in, on, or about the place herein

described and to inspect and copy any records, reports, information, or test results relating to hazardous substances, hazardous wastes, or solid wastes which may be found thereupon. This warrant also authorizes you and any of your agents, including all employees of the Department, its agents, and contractors to seize and test any samples collected from the Premises and to conduct dye tests or other testing at the Premises in order to determine potential violations of any laws administered by Department including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Maine Board of Environmental Protection. This warrant also authorizes you and any of your agents, including all employees of the Department, its agents, and contractors including locksmiths to use reasonable force based upon the circumstances to enter the premises and buildings or secured areas inside the buildings if they are locked or otherwise inaccessible to Department staff and its agents, including by the use of bolt cutters, saws, or any other tools or implements.

Name of owner or occupant of place to be searched, if known to affiant: Mason Station LLC

Premises to be inspected: See attached and incorporated affidavit and application for additional details. The Premises to be inspected is an 8.3 +/- acre property, which includes an approximately 66,000 square foot multi-story brick building and three smaller single story brick buildings located at 1 Point East Drive in Wiscasset, Maine, which is a portion of the property described in Deed Indenture in which FPL Energy Mason LLC transferred the property to Mason Station LLC recorded in Book 3208, Page 307 of the Lincoln County Registry of Deeds and more fully identified on the Town of Wiscasset's Tax Map R7-A as Lot 81. The inspection and seizure of samples may occur at any location on or about the Premises including along shoreline, inside of buildings, and outside of buildings. The Department is authorized to conduct a general area inspection of the Premises.

Purpose of the inspection: See attached and incorporated affidavit for additional details.

The purpose of the inspection is to investigate, observe, take samples for testing, photograph and/or videotape and perform dye tests on and about the Premises to determine compliance with laws administered by the Department including the Hazardous Waste Act and Uncontrolled Sites Law.

Grounds of probable cause: See attached and incorporated affidavit and application for additional details. Having considered the affidavit and application for an administrative inspection warrant, the history of the Premises, and the observations of Department staff while on the Premises, the Court is satisfied that probable cause exists to believe that there are violations of the Hazardous Waste Act, the Uncontrolled Sites Law, or other laws administered by the Department at the Premises. The Court finds that probable cause exists to support a general area inspection of the Premises.

This warrant shall be executed between the hours of 8:00 AM and 5:00 PM from September 12, 2023, and will continue until it has been determined whether or to what extent there have been violations of the Hazardous Waste Act, the Uncontrolled Sites Law, or other laws administered by Department including the terms and conditions of any order, regulation, license, permit, or decision of the commissioner or the Board of Environmental Protection. Due to the scope and area to be searched, the execution of this warrant may occur over multiple days, not to exceed a total of 10 days from the issuance of the warrant. The warrant shall be returned, together with a written inventory of property seized, within 10 days of the execution thereof, to the Wiscasset District Court, of Lincoln County, Maine.

Issued at Wiscasset, Maine, in the County of Lincoln, this 12th day of September 2023.


DISTRICT JUDGE
COMPLAINT JUSTICE

8:51 am

A True Copy Attest:
Teri Lambert
Clerk





**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix F



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix G



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: *Finn Whiting*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *EF-02* Time Collected: *10:00* *9/19/23*

Field Notes – Observations & Sketches

Green corrugated pipe was completely exposed and steady flow was discharging collected sample by placing containers under pipe and directly filling.

Flow = 500 ML for 15.54 sec

Tide was incoming.

FW

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
<i>1020</i>	<i>16.8°</i>	<i>6.29</i>	<i>1388</i> <i>FW</i>	<i>1.32</i>	<i>clear</i>	<i>—</i>

2813

Field Parameters – Soil Samples Only

P.I.D =



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Finn Whiting & Brendan Aute

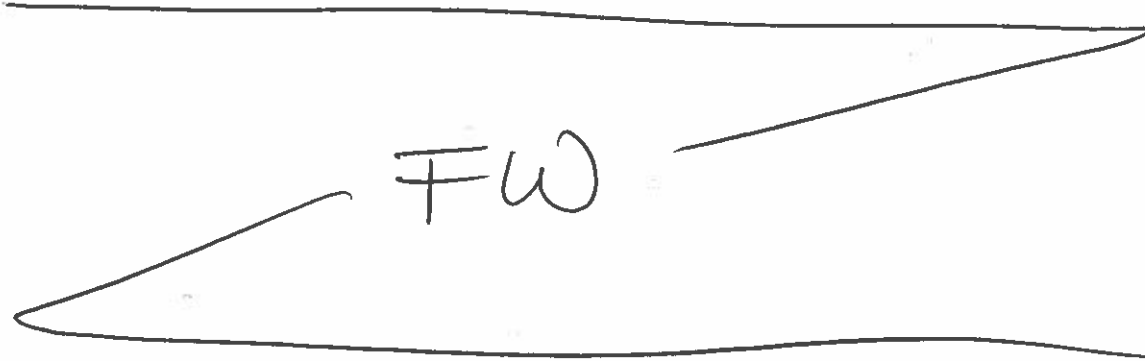
Sample Media (circle): Sediment / Water / Soil

Sample ID: EF-04

Time Collected: 12:15

Field Notes - Observations & Sketches

Floor trench on ~~west~~ FW south east corner of units 1 & 2. Floor trench is discharging to ~3' pipe through gate valve and can be seen exiting through ~12" pipe on exterior wall. Direct fill bottles with peristaltic pump.



Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
1258	17.2	7.26	187	1.44	Clear	—

Field Parameters - Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Chris Redmond / Aaron Dumont

Sample Media (circle): Sediment / Water / Soil

Sample ID: EF-05 Time Collected: 12/18

Field Notes – Observations & Sketches

sample from trench w/ standing water using peristaltic pump. water relatively clear.

1336 - Add ~2.5 gal orange dye to trench (1 tab)

1407 Add ~3 gal orange dye to trench (6 tabs)

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
1230	18.4	7.3	196	clear 1.27 9-12-23	clear	N/A

Field Parameters – Soil Samples Only

P.I.D = N/A on 9-12-23



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: *Chris Redmond / Aaron Purmont*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *EF-06* Time Collected: *0930*

Field Notes – Observations & Sketches

sample water from vault using peristaltic pump w/ silicone / HDPE tubing to 6' pure water roll from catwalk about 10' above top of vault water. Took photo.

Field Parameters – Water Samples Only #2 meter

Time	Temp (°F)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
<i>0942</i>	<i>64.2°F</i>	<i>6.60</i>	<i>0.33</i>	<i>clear / 191</i>	<i>clear</i>	<i>N/A</i>

*CR
9-13-22*

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Finn Whiting & Brendan Arth

Sample Media (circle): Sediment / Water / Soil

Sample ID: EF-07

Time Collected: 9:38

Field Notes – Observations & Sketches

Unit 5 trench located on North east corner of unit. Sample collected from behind gate valve where ~ 2' of standing water was located. Bottles were direct filled utilizing a pole sampler. Some debris and sheen was present on water surface prior to sampling. Collected water from surface water column ~ 0"-2" below surface. Significant amount of flocculent / debris in samples.

FW

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
9:55	17.2	6.14	194	4.99	none	suspended particulate

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: *Matt Burke, Louise Roy*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *EF-08*

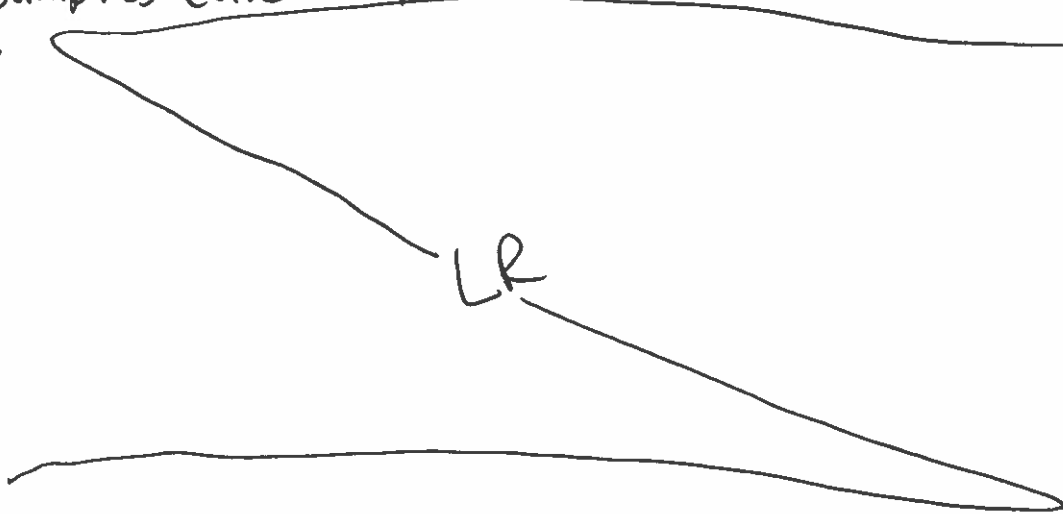
Time Collected: *10:00*

Field Notes – Observations & Sketches

*Minor sheen on water
Material – possible Asbestos floating on water*

Units Vavit

Samples collected from water surface



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
<i>1000</i>	<i>19.2° 16.2</i>	<i>6.62</i>	<i>212</i>	<i>2.04</i>	<i>clear</i>	<i>Black flakes</i>

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Matt Burke, Louise Ray

Sample Media (circle): Sediment / Water / Soil

Sample ID: EF-09

Time Collected: 14:10

Field Notes – Observations & Sketches

Gray pipe, slow drip. Was algae hanging from opening, which was removed. No significant odors. This is the pipe from which the green dye exited on 9/12/23.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
14:10	18.6°	8.21	666	2.09	clear	—

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

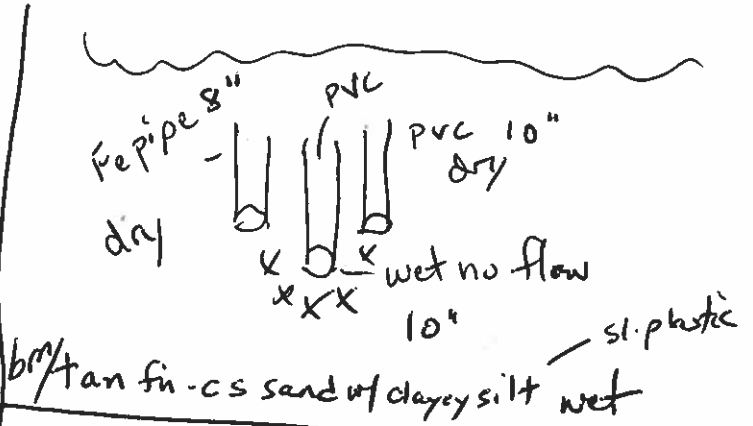
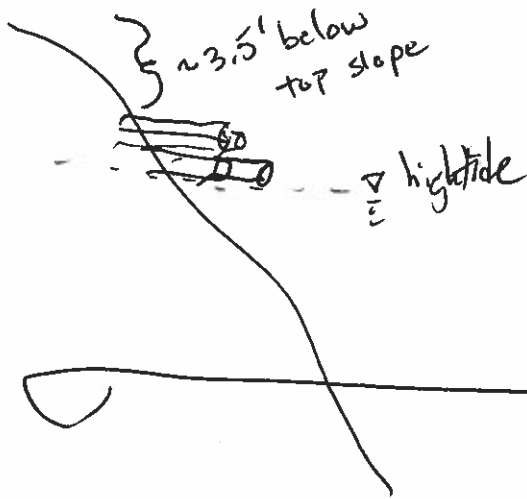
MEDEP Personnel: *April B*
Chris E

Sample Media (circle): Sediment / Water / Soil

Sample ID: *SD-401*

Time Collected: *14:20*

Field Notes - Observations & Sketches



brn/tan fin. cs sand w/ clayey silt wet

JCE

Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters - Soil Samples Only

P.I.D = *90.1 PPM* *TS #3*

1.7 bkgd



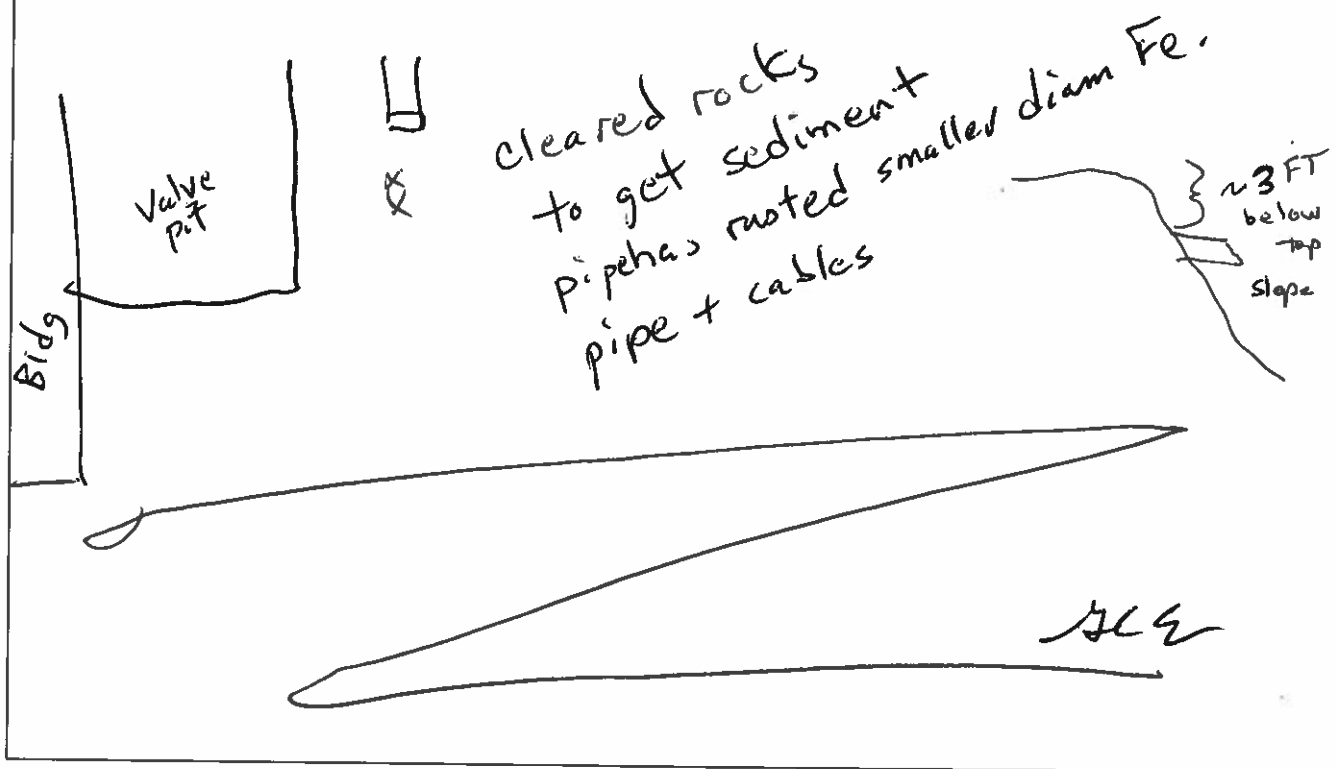
Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: *Chris E. / April B*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *SD-402* Time Collected: *9/12/23 11:10*

Field Notes – Observations & Sketches



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = $\frac{12.3 \text{ ppm}}{0.8 \text{ Ambient}}$ TS #3



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Matt Burke & Louise Roy ON Boat
Finn Whiting & Brendan Allen ON Shore

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-403 Time Collected: 1120

Field Notes – Observations & Sketches

3 ponar samples collected to get enough volume to sample. Material is fine to very coarse sand with minor rock and silt, few to little shell fragments up to 0.25" in size.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = 35.1 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Matt Burke Louise Roy
Finn Whiting Matt Burke

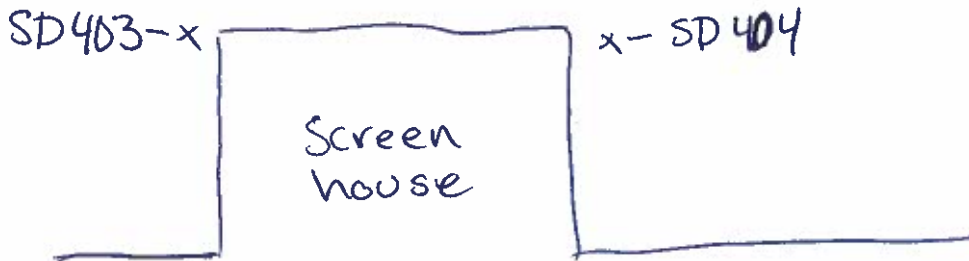
Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-404

Time Collected: 1140

Field Notes – Observations & Sketches

Two ponar samples collected to get enough volume for sample containers. Material is very dark gray silt w/ a lot of organics. no rock or coarse material.



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = 20.6 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Chris E. April B.

Sample Media (circle): Sediment / Water / Soil

9/12/23

Sample ID: SD-405 Time Collected: 13:25

Field Notes – Observations & Sketches

metal 8"
 ~ 2' high tide
 3 "pockets" w/ fn. cs sand little silt wet
 inside pipe is wet but no flow or occas drip
 ACE

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 78.0 ppm TS #3
 bkg 1.2



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel:

Matt Burke
Louise Roy

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-406

Time Collected: 1435

Field Notes – Observations & Sketches

Sediment sample SD-405 taken about 2ft below outflow pipe 21
Oil sheen seen in water when soil is agitated.

Change GPS point SD-405@1435 to SD-406

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 47.2 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

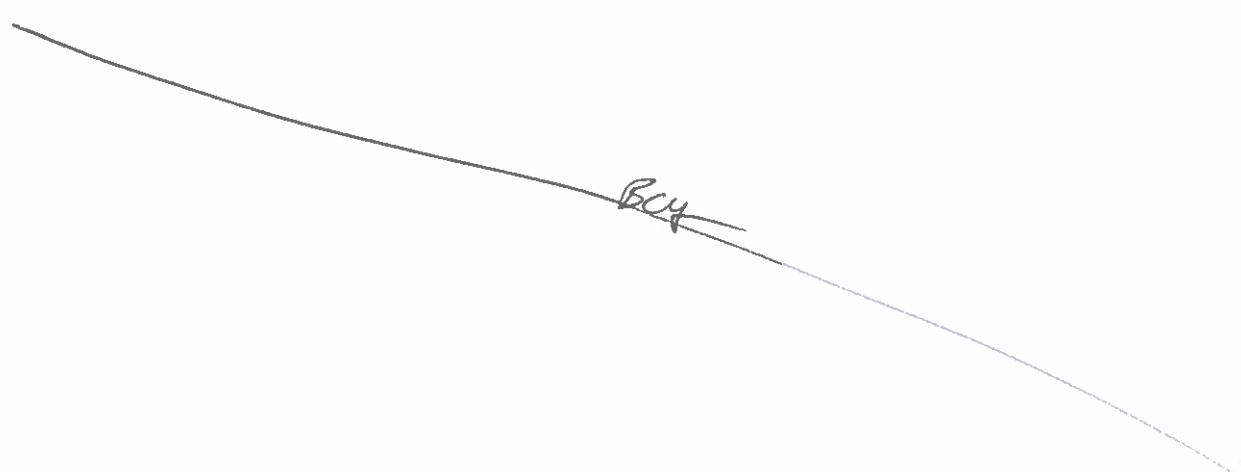
MEDEP Personnel: FINN CHITING + BRENDAN AUTH

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-407 **Time Collected:** _____

Field Notes – Observations & Sketches

SAMPLE COLLECTED FROM SEDIMENT BENEATH THE BROKEN FISSURE IN THE PIPE COMING OUT OF THE FOUNDATION OF THE GREENHOUSE BUILDING BELIEVED TO BE OUTFALL NO 002. SAMPLE IS BROWN FINE TO COARSE SAND AND GRAVEL, MOIST WITH CHIPS OF LOG. LARGER PIECES OF GRAVEL WERE SORTED OUT OF THE SAMPLE. AS BCY



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 0.0 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

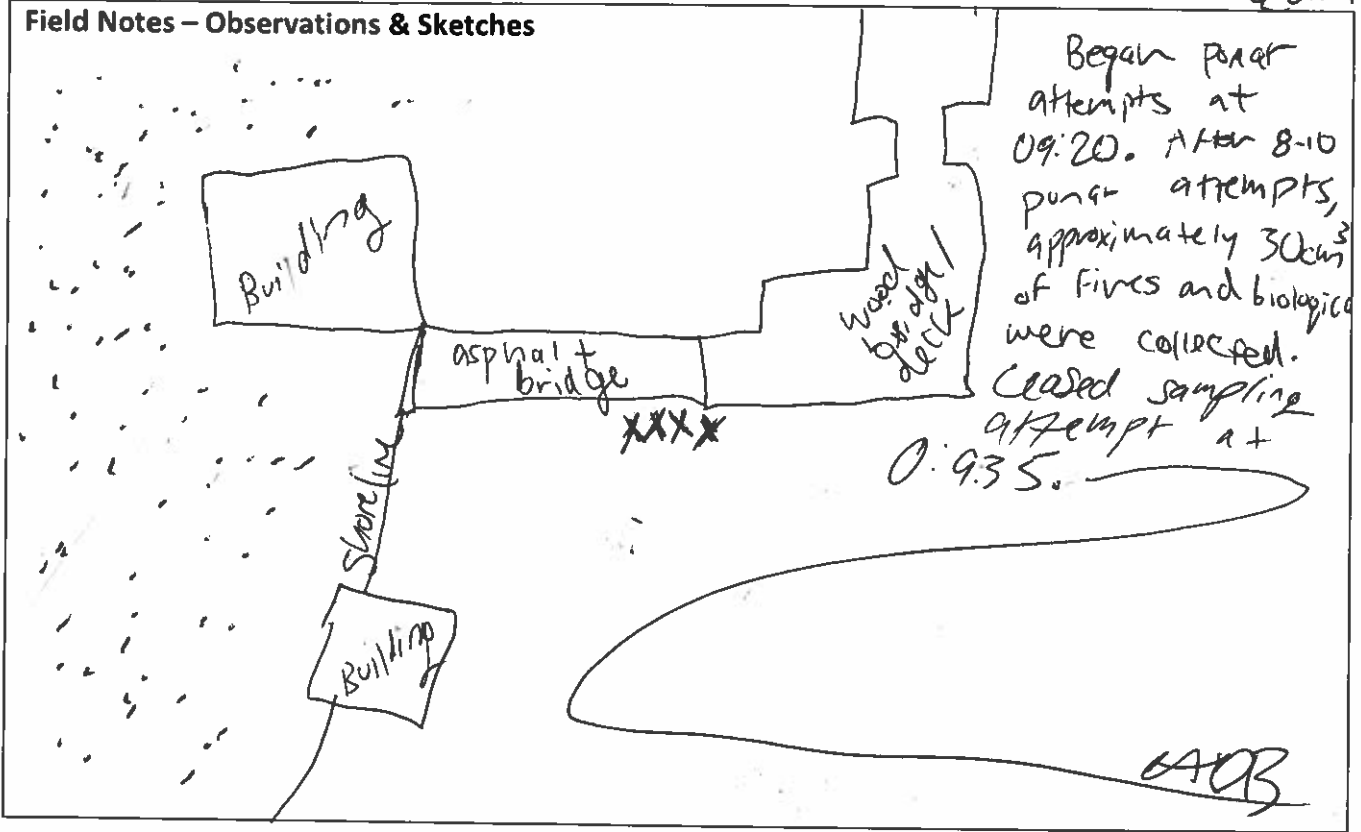
MEDEP Personnel: April Bredse, Mike Mars, Charles Rodda

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-408

Time Collected: 09:20-09:35, no sample was bottled due to limited quantity
9/13/2023

Field Notes – Observations & Sketches



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: *April Bledsoe, Louise Roy, Brendan Autha
Finn Whiting*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *SD-409* Time Collected: *1540*

Field Notes – Observations & Sketches
Sample collected from green corrugated pipe believed to be outfall pipe 006. Water was flowing from pipe during sample collection and slight sheen noted. Material is dark gray sandy gravel with silt.

Submitting duplicate sample SD-DUP-01 @ 1550.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

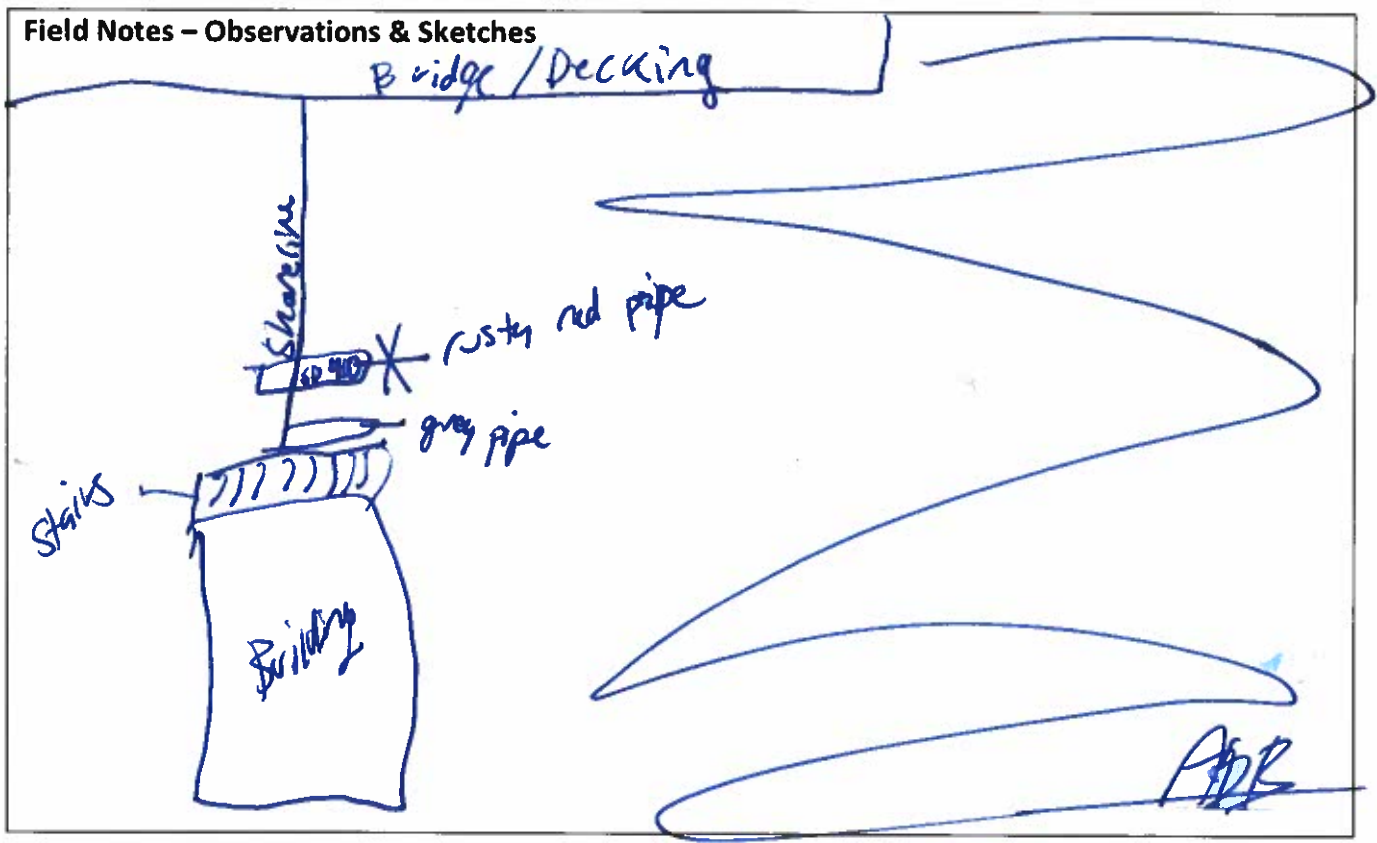
MEDEP Personnel: *April Beesoe and Mike Moss*

Sample Media (circle): Sediment / Water / Soil

Sample ID: *SD-410*

Time Collected: *13:30*

9/13/2023



Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters - Soil Samples Only

P.I.D = *70.00*



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel:

Matt Burke

Louise Roy

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-411

Time Collected: 1330

Field Notes – Observations & Sketches

Sediments collected about 3ft below outfall pipe 017, coarse sand, with gravel and silt darker brown in color. Pipe was wet but no flowing water. Rocks needed to be moved to access sediment.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 95 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel:

Matt Burke
Louise Roy

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-412

Time Collected: 1530

Field Notes – Observations & Sketches

Sediment sample SD-412 mostly sand with gravel, collected near
Pizet ~~004~~ 004

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 0.0 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: April Bledsoe, Mine Mars, Charles Rodda

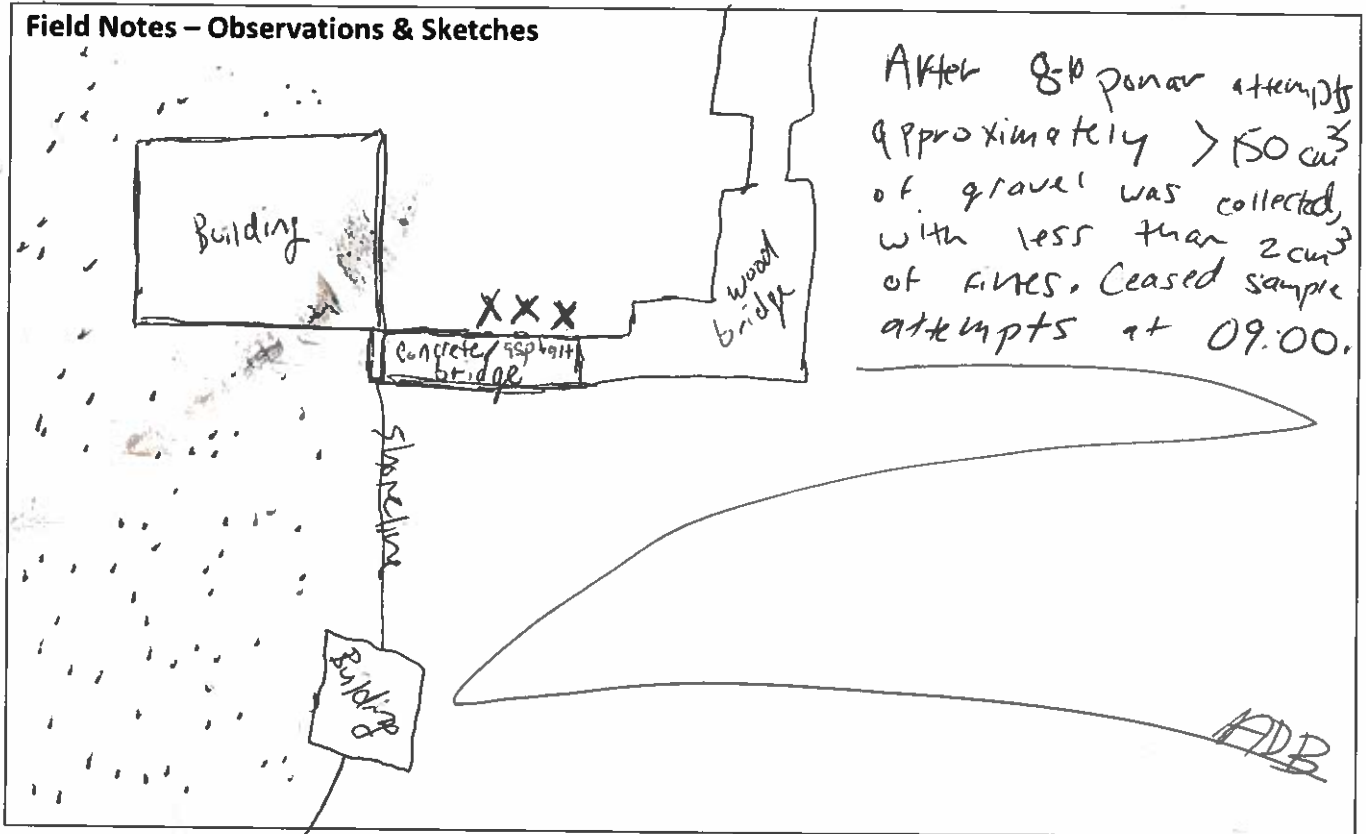
Sample Media (circle): Sediment / Water / Soil 4-13-2013

Sample ID: SD-414

Time Collected: 08:40-09:00

Sample not bottled due to limited quantity.

Field Notes – Observations & Sketches



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

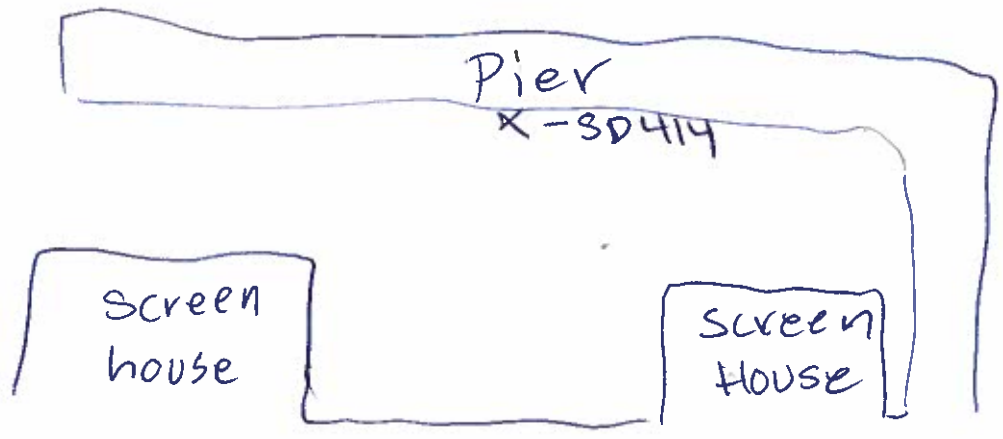
MEDEP Personnel: Matt Burke and Brendan Auth
on boat. Finn Whiting & Louise
Roy on shore.

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-414 Time Collected: 1229

Field Notes - Observations & Sketches

2 ponar samples to get enough sample volume. Very dark gray silt w/ trace sand and gravel. strong odor of chemically nature, sheen present on sediment and water surface. ~20ft of water



Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters - Soil Samples Only

P.I.D = 0.1 ppm



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Matt Burke & Brendan Auble ON Boat
Finn Whiting & Louise Roy ON Shore

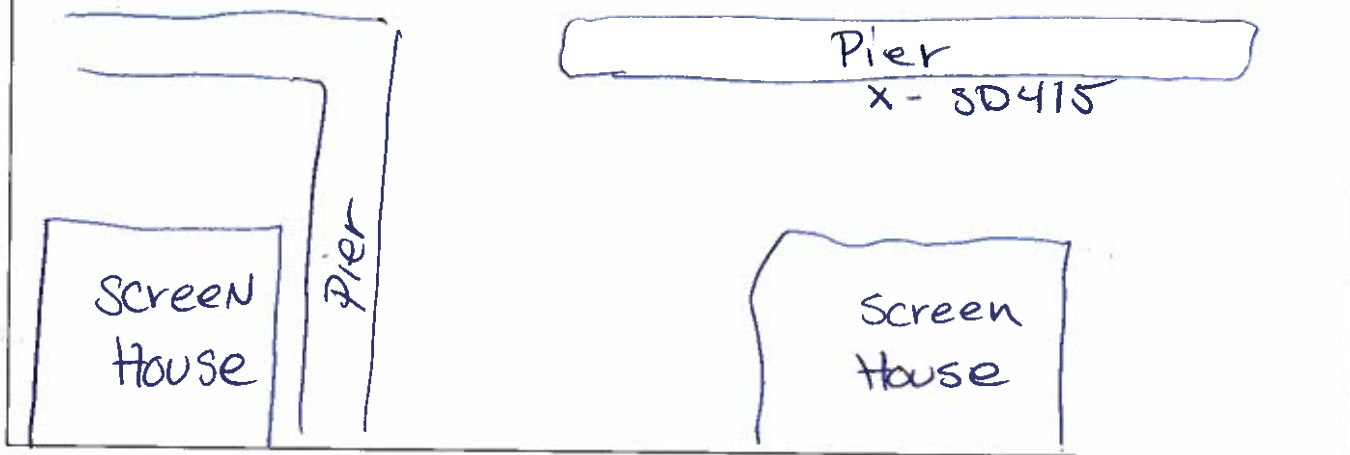
Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-415

Time Collected: 1310

Field Notes – Observations & Sketches

3 ponar samples taken to get enough sediment volume. very dark gray silt with trace sand gravel and shell. some organics.



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = 0.03 PPM



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: April B. / Chris E.

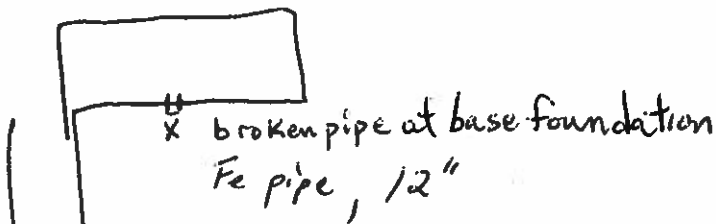
Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-416

Time Collected: 15:49

Field Notes – Observations & Sketches

tan silt/clay w/ shaly rock frags, fine med sand moist few shell frags



see

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 0.0



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Louise Roy & Matt Burke

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-417

Time Collected: 10:45

Field Notes – Observations & Sketches

Tried Ponar sampler, did not get much material. Sampler got caught on some machinery that was submerged. Used modified hoe with welded edges to scrape bottom of shallow area. Lots of chunks of rust with some sediment that looked like rust.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = 14.1 ppm



Site or Project: **Mason Station** (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Finn Whiting & Brendan Aute

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-417

Time Collected: 1355

Field Notes - Observations & Sketches

Sediment collected from units 3 & 4 trench just upgradient of gate valve where dye was applied on 4/13 and broke out in Sheepscot River. Took several scoops to get enough volume ~ 2" of water in trench at time of collection. There were small globs of #6 oil within sediment. not enough material to fill PID bags.

Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters - Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Louise Roy Matt Burke

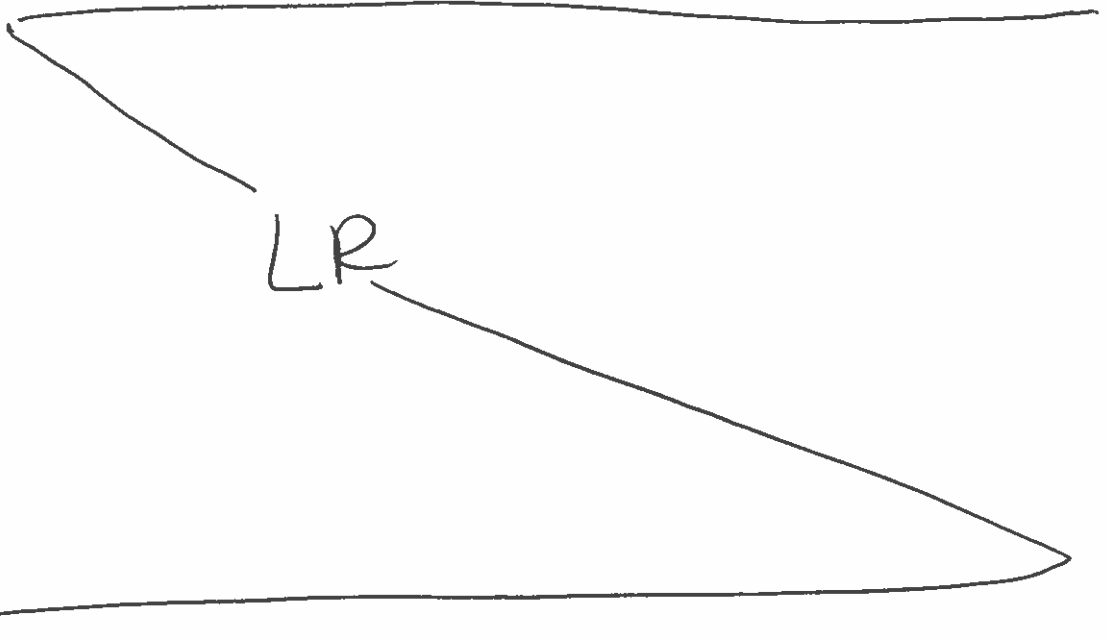
Sample Media (circle): Sediment / Water / Soil

Sample ID: D418

Time Collected: _____

Field Notes – Observations & Sketches

No sample collected - Not Accessible



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Finn Whiting & Brendan Avola

Sample Media (circle): Sediment / Water / Soil

Sample ID: SD-418 **Time Collected:** 14/2

Field Notes – Observations & Sketches

Sediment collected ~10 ft upgradient of gate valve in floor trench in units 1 & 2 on south east corner of units. had to lift up floor grate and collect sediment w/ 5ft pole. trench had minimal water, less than 1". This trench had dye applied on 9/12 which appeared in Sheepscot River from Green Corrugated Pipe. Minor sheen on sediment surface not enough sediment to fill PID bag.

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D =



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

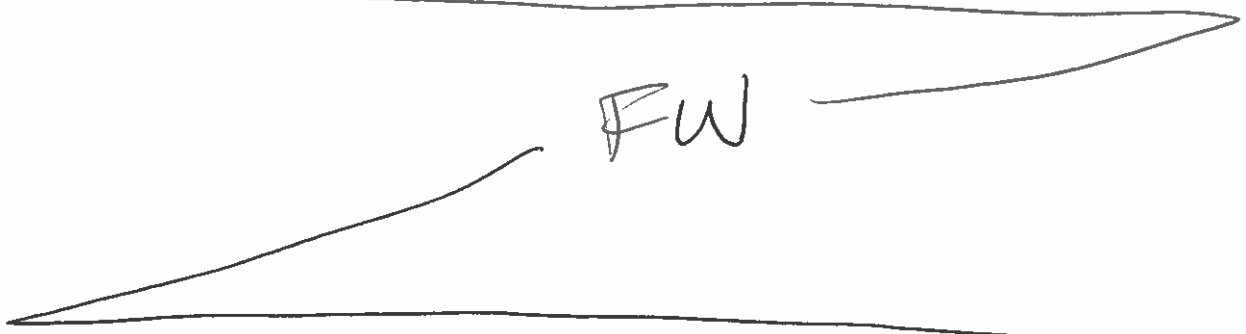
MEDEP Personnel: Finn Whiting, April Bledsoe, Charles Mike

Sample Media (circle): Sediment / Water / Soil

Sample ID: Equipment Blank **Time Collected:** 1400

Field Notes – Observations & Sketches

collected sediment sample SD-410 and decontaminated field equipment. used the trowel to run water over and collect water directly into containers. no field parameters



Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Fina Whiting, Chris Redmond
Brendan Auth.

Sample Media (circle): Sediment / Water / Soil

Sample ID: F100V Solids 01 **Time Collected:** 13 20

Field Notes – Observations & Sketches

black and yellow staining and solids identified in south west corner of units 1 & 2. appears to be leaking from overhead hopper. unknown substance. collected sample to identify. no field screening with P&D. collected sample by scraping floor surface with trowel. Material was less than 1" thick. placed into a bowl, homogenized and filled containers. no metals analysis.

FW

Field Parameters – Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters – Soil Samples Only

P.I.D = _____



Site or Project: Mason Station (1 Point East Drive, Wiscasset Maine)

MEDEP Personnel: Finn Whiting,
Chris Redmond,
Brendan Autey

Sample Media (circle): Sediment / Water / Soil

Sample ID: Trench Water Time Collected: 1255

Field Notes - Observations & Sketches
Sample collected from floor trench in units 1 & 2. Floor trench is full of water and has black and yellow substance covering water surface. Collected sample to identify unknown substance. no field parameter collected to avoid fouling equipment. Filled containers with a peristaltic pump.

Field Parameters - Water Samples Only

Time	Temp (°C)	pH (s.u.)	Spec. Cond. (uS/cm)	Turbidity (NTU)	Color	Other
—	—	—	—	—	—	—

Field Parameters - Soil Samples Only

P.I.D = _____



**Air, Outfall Pipe Discharge, and Sediment Investigation Memorandum of Finding
1 Point East Drive: Mason Station Power House and Associated Buildings, Wiscasset ME**

Appendix H

6553

Mason Station Sign In

DEPART @ 4:45 PM

Date: 9-12-23

Arrival time: 9:30 CHARLES R. OUT @ 2:30

Departure time: E. PHENIX OUT @ 2:30

Conditions: CLOUDY, MISTING, 68° (91% HUMIDITY)

Name	Affiliation	E-Mail	Phone #
Dani OBERY	DEP- BRWM	DAVIEUE.OBERY@MAINE.GOV	485-8368
Finn Whiting	DEP	Finn.Whiting@Maine.gov	441-2181
BRENDAN A. JH	DEP	BRENDAN.C.AUTH@MAINE.GOV	413-6572
April Buda	DEP	April.Buda@maine.gov	451-2498
TIM STOKES		STANWORKS 1969 @ EMAIL	252-4922
Aaron Dismont	DEP 340 Out	Aaron.A.Dismont@maine.gov	207-881-9279
Mike Mars	DEP	Michael.Mars@Maine.gov	207-451-2501
CHARLES RODDA	DEP	charlesj.rodda@maine.gov	207-680-5798
Mike O'Connor	DEP	Michael.OConnor@maine.gov	207-721-1732
Chris Evans	DEP	Gordon.C.Evans@maine.gov	207 441 5181
Matt Burke	DEP	Matthew.T.Burke@Maine.gov	207 458 8572
Louise Roy	DEP	LOUISE.M.ROY@Maine.GOV	207-592-4867
Erik Phenix	Ransom Consulting	ephenix@ransomenv.com	207-272-8673
CHRIS BEDMOND	DEP	CHRISTOPHER.BEDMOND@ MAINE.GOV	215-8597

Mason Station Sign In

Date: 9-13-23

Arrival time: 8:20

Departure time: 4:45 PM UNLESS OTHERWISE NOTED

Conditions: 67° CLOUDY, 96% HUMIDITY

Name	Affiliation	E-Mail	Phone #
Devin Perkins	PEREGRINE Turbine Technologies	dperkins@peregrineturbine.com	2078312014
Wesley Harden	Ransom Consulting	wes.harden@ransomllc.com	2077772891
Aaron Dumont	MEDEP out @ 2:45 pm	Aaron.A.Dumont@maine.gov	881-9279
Chris Redmond	MEDEP		215-8597
CHARLES BOODA	DEP out @ 2:45 pm	charles.booda@maine.gov	207 6805790
Brendan Auth	DEP	brendan.c.auth@maine.gov	207-413-6532
Louise Roy	DEP	Louise.m.Roy@Maine.Gov	207-2572-4867
Matt Burke	DEP	Matthew.T.Burke@Maine.gov	207 458-8572
Finn Whiting	DEP	Finn.Whiting@Maine.gov	207-441-2181
Mike Mars	DEP	Michael.Mars@maine.gov	207-451-2501
April Bledsoe	DEP	april.bledsoe@maine.gov	207-451-2490
Tim Harris	CAROTAKER out @ 10:30	STONWORKS1969@gmail.com	252-4922
Randy Gentry	ARM out @ 1		821-1070

Mason Station Sign In

Date: 9-14-23
 Arrival time: 9:05 AM
 Departure time: 2:40 PM
 Conditions: SUNNY, 67°

Name	Affiliation	E-Mail	Phone #
DAVID OROBY ^{out to} 10:30 AM	DEP	DANIELE.OROBY@MAINE.GOV	485-8368
TU HARRIS	CARETAKER	STONEMWORKS1969@GMAIL	752-4922
Finn Whiting	MEDEP	Finn.whiting@Maine.gov	207-441-2181
Brandon Auth	MEDEP	Brandon.C.Auth@maine.gov	207-413-6532
Matt Burke	MEDEP	Matthew.T.Burke@Maine.gov	207-458-8572
Louise Roy	MEDEP	Louise.M.Roy@Maine.Gov	207-272-8423
Sarah Mazerolle	RANSOM	Sarah.Mazerolle@ransomenv.com	207-329-9685

Mason Station Sign In

Date: 9/19/23

Arrival time: 0935

Departure time: 1100

Conditions: sunny, wet ground after substantial rain the night before
~ 70°F

Name	Affiliation	E-Mail	Phone #
Finn Whiting	MEDEP	Finn E Whiting@Maine.gov	207-441-2181
Tim HARRIS	N/A	—	207-751-4922
Chris Cilley	EPI		207-786-7390

DEP BRWM TECHNICAL SERVICES SITE HEALTH AND SAFETY

SITE INFORMATION

SITE NAME: Mason Station Power House

PHYSICAL ADDRESS: 1 Point East Drive (Near 144 Birch Point Rd)

TOWN: Wiscasset

DIRECTIONS TO SITE: Heading south from Wiscasset on US-1, Turn left onto birch point Rd, travel .5 miles and turn left onto Point East Drive, Travel to the end of Point East Drive and arrive at Mason Station Power House.

WORK OBJECTIVE: Collection of environmental samples and asbestos indoor air samples/personal safety samples.

ANTICIPATED WEATHER CONDITIONS: Variable, Work planned for September 12-22, 2023. Warm temperatures and/or rain possible. Take water breaks and cool off as needed.

TEMP	WIND	CLOUD COVER
70 - 80 Degrees Farenheight	Variable	Variable

SITE EMERGENCY RESPONSE PLAN

TECHNICAL SERVICES FIELD STAFF WILL EVACAUTE IN THE EVENT OF A SPILL/EMERGENCY

MEDICAL TREATMENT BY DEP STAFF IS LIMITED TO BASIC FIRST AID/CPR

EMERGENCY SERVICES	LOCATION	TELEPHONE #
RESPONDING FIRE DEPARTMENT or AMBULANCE SERVICE	51 Bath Rd, Wiscasset	(207) 882-8210 or 911
POLICE	51 Bath Rd, Wiscasset	Emergency: (207) 882-8202 or 911 Non-Emergency: (207) 882-8203
NEAREST HOSPITAL	Mid Coast Hospital 121 Medical Centre Dr, Brunswick	(207) 373-6000
DEP REGIONAL OFFICE -DIVISION OF RESPONSE SERVICES	Augusta	(207) 287-7688
NATIONAL RESPONSE CENTER	---	1-800-424-8802
POISON CONTROL CENTER	---	1-800-222-1222
DEP BRWM ERTC	Marquardt- Augusta	Andi Laselle (207) 620-4456

SITE SAFETY COORDINATOR/SITE SUPERVISOR: Chris Redmond, MEDEP

BASIC SAFETY EQUIPMENT:

Exterior Work: Modified Level D: Hardhat, High Visibility clothing, safety glasses, steel toe boots, waders/ rubber boots and lifejacket for any in water work or off of the boat, nitrile gloves. Rain gear as needed.

Interior Work: Level C: Tyvek, Rubber boots or overboots recommended, safety glasses, hardhat, full face respirator w/P100 cartridges, nitrile gloves. Note that respirators are being worn as a precaution and while a subcontractor will be collecting personal air monitoring samples from 2 DEP staff to determine safety for future sampling/entry.

DEP BRWM TECHNICAL SERVICES SITE HEALTH AND SAFETY

First Aid Kit X (truck)	SAFETY EYEWASH <input type="checkbox"/>	FIRE BLANKET <input type="checkbox"/>	Other
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SITE MONITORING:

Meter	Continuous/Periodic	Interval	Action Level
PID	N/A		15 PPM
Oxygen	N/A		above/below 20.8%
%LEL	N/A		2%
Asbestos personal air monitoring for interior workers as precaution. No reason to suspect low oxygen levels or elevated VOCs, or explosive conditions based on previous inspections, building is drafty/broken windows etc. No monitoring necessary for outdoor work.	continuous		Samples will be submitted to laboratory by subcontractor.

HAZARD ASSESSMENT

TASK	PHYSICAL HAZARD	CONTROL MEASURE	PPE
Indoor sampling	slips, trips, falls, uneven surfaces, heat or cold stress, trench and sump areas, dark areas, irregular stairs, elevated areas, confined spaces	Work in pairs and abide by safe work practices. Work carefully and methodically. Do not enter confined spaces	Steel Toe boots, hard hats, high visibility clothing, flashlights, nitrile gloves, safety glasses
Outdoor Sampling	slips, trips, fall, working around waters, heat and cold stress, irregular stairs/rocky terrain and slopes, slippery seaweed, working from small jon boat near shore.	Work in pairs and abide by safe work practices. Work carefully and methodically	Steel Toe boots, hard hats, safety glasses, high visibility Clothing, rubber boots or waders for sediment sampling. Life jackets and waders for in water, boat, or wading work.

TASK	CHEMICAL HAZARD	CONTROL MEASURE	PPE
Indoor sampling	Asbestos, PCB's, Petroleum substances, lead paint, heavy metals	PPE and avoid contact	Steel Toe boots, hardhats, high visibility clothing, flashlights,

DEP BRWM TECHNICAL SERVICES SITE HEALTH AND SAFETY

			nitrile gloves, safety glasses
Outdoor Sampling	PCB's, Petroleum substances, heavy metals	PPE and avoid contact	Steel Toe boots, hard hats, safety glasses, high visibility Clothing, rubber boots or waders

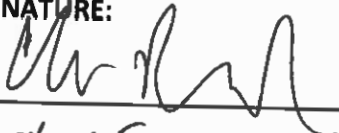
DECONTAMINATION

PERSONNEL	PROTOCOL
Between tasks:	Hand hygiene as needed
Leaving Site:	Practice hand hygiene, clean boots with liquinox and water
Emergency:	Eyewash, copious amounts of water, remove affected clothing
PROTECTIVE CLOTHING	
Between tasks:	Change nitrile gloves
In field decon:	Water/liquinox
Between sites:	change/wash boots, gloves, coveralls as needed
Final (back at warehouse) decon:	Throw out used disposable coveralls, overboots and gloves. Launder field clothing. Clean boots in decon room.
EQUIPMENT	
Between tasks:	Follow sampling protocol procedures
In field decon:	Water/liquinox
Between sites:	Clean equipment between sites
Final (back at warehouse) decon:	Clean all equipment used in decon room with appropriate solution before putting back in supply room


DEP BRWM TECHNICAL SERVICES SITE HEALTH AND SAFETY


I have read and understand the contents of this HASP, supporting material referenced and have completed field certification to perform tasks as called for in this plan:


SIGNATURE:




Chris Quinn










M. Miller



Aurora Thomas

Dana

John

DATE:

9-12-23
9-12-23
9-12-23
12 SEPT 2023
9-12-23
9-12-23
9/12/23
9/12/23
9/12/23
9/12/23
9/12/23



Mason Station
Power House Site
Sediment Sample Locations

Legend

- 2006 Sediment Samples
- 2007 Sediment Samples
- 2008 Sediment Samples
- Outfall Pipes
- Natural Spring
- Transformer Enclosures
- Former Transformers Locations

Notes

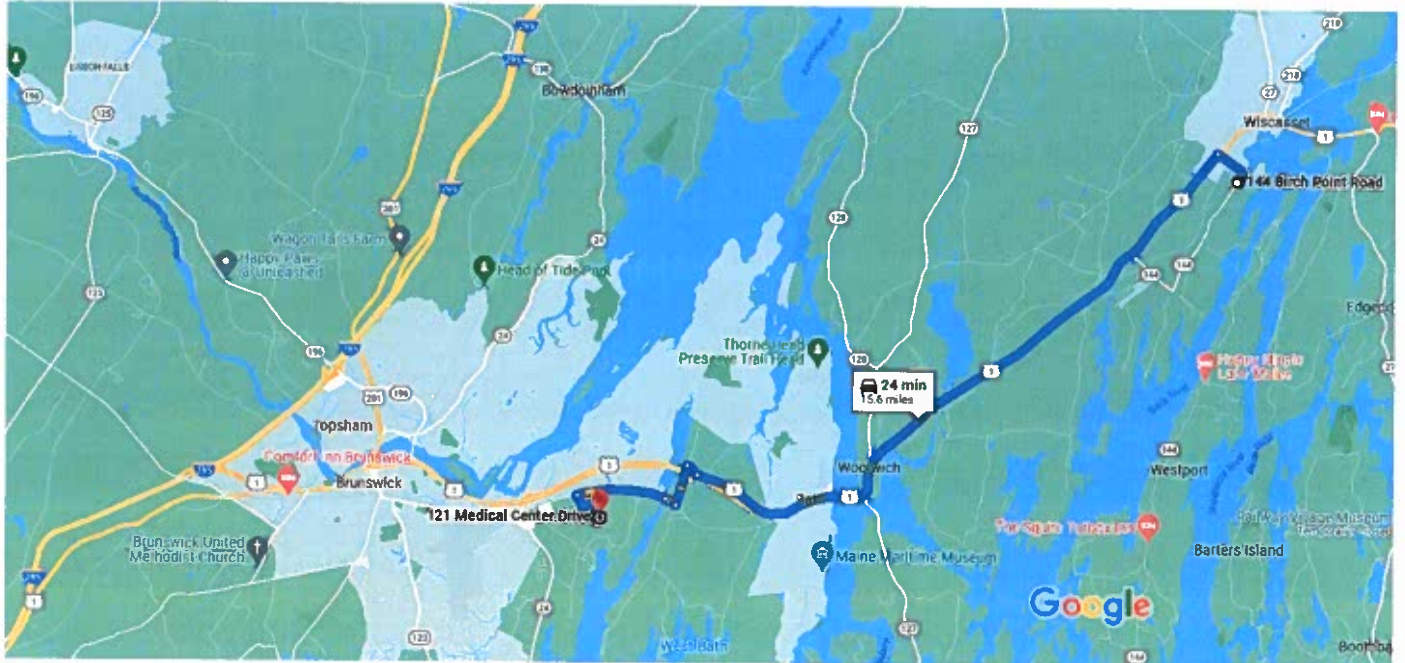
1. This figure has been prepared to support the Maine Department of Environmental Protection's Department Designation of Uncontrolled Hazardous Substances Site and Order. Unauthorized use is prohibited without the explicit permission of the Maine Department of Environmental Protection.
2. Areas of concern are approximate in location, extent and scale.



144 Birch Point Rd, Wiscasset, ME 04578 to 121 Medical Center Dr, Brunswick, ME 04011

Drive 15.6 miles, 24 min

Mid Coast Hospital -- (207) 373-6000



Map data ©2022 1 mi

144 Birch Point Rd
Wiscasset, ME 04578

↑ 1. Head northeast on Birch Point Rd toward Point E Dr
1 min (0.7 mi)

Follow US-1 S to New Meadows Rd in West Bath. Take the New Meadows Rd exit from US-1 S
16 min (11.7 mi)

↶ 2. Turn left onto US-1 S/Bath Rd
Continue to follow US-1 S
11.4 mi

↷ 3. Take the New Meadows Rd exit toward W Bath
0.2 mi

Continue on New Meadows Rd to your destination in Brunswick
7 min (3.2 mi)

↶ 4. Turn left onto New Meadows Rd
0.7 mi

- ↪ 5. Turn right onto State Rd/Witch Spring Rd
0.2 mi
- ↑ 6. Continue onto Bath Rd
1.5 mi
- ↶ 7. Turn left onto Medical Center Dr
0.7 mi
- ↶ 8. Turn left toward Medical Center Dr
302 ft
- ↪ 9. Turn right toward Medical Center Dr
82 ft
- ↪ 10. Turn right onto Medical Center Dr
269 ft
- ↪ 11. Turn right
217 ft

121 Medical Center Dr
Brunswick, ME 04011



6/3/2013

**COVERSHEET
 STANDARD OPERATING PROCEDURE**

Operation Title: Use, Selection and Maintenance of Personal Flotation Devices and Anti-Exposure Clothing

Originator Name: Department Safety Team-Linda Doran

APPROVALS:

Bureau of Air Quality Director:

Marc Cone
 Print Name

Marc Allen Robert Cone
 Signature

Date: 5/15/2013

Bureau of Land and Water Quality Director:

Michael Kuhns
 Print Name

Michael Kuhns
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Date: 5/13/2013

Bureau of Remediation and Waste Management Director:

Melanie Loyzim
 Print Name

Melanie Loyzim
 Signature

Date: 5/17/2013

QMSC Chair:

John Silvestri
 Print Name

John Silvestri
 Signature

Date: 5/13/2013

Policy Director:

Heather Parent
 Print Name

Heather Parent
 Signature

Date: 6/3/13

Commissioner:

Patricia Aho
 Print Name

Patricia Aho
 Signature

Date: 6/3/2013

DISTRIBUTION:

- () Bureau of Air Quality..... By: _____ Date: _____
- () Bureau of Land and Water Quality..... By: _____ Date: _____
- () Bureau of Remediation and Waste Management..... By: _____ Date: _____
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- () Quality Management Steering Committee..... By: _____ Date: _____
- () Division Directors..... By: _____ Date: _____



1. **INTRODUCTION.** Field staff persons in the Department perform a number of job tasks that require them to work in, on or near water bodies of sufficient depth and breadth to present a drowning hazard. This document sets the policy and procedures for managers and staff to use in the selection and use of PFDs.
2. **APPLICABILITY.** It shall be the policy of the Department that all staff persons wear approved flotation devices while in any boat, vessel, or when working where drowning may be a hazard.
3. **PURPOSE.** This document establishes basic guidance for the use, selection and maintenance of person flotation devices and anti-exposure clothing to be used by Department personnel for protection from drowning while working on, in or near water bodies.
4. **DEFINITIONS.**
 - 4.1. **ANTI-EXPOSURE COVERALLS.** Anti-exposure coveralls are US Coast Guard (USCG) approved Special Use Type V Personal Flotation Device coveralls made of urethane coated nylon external fabric covering a closed-cell foam interlining to provide thermal protection.
 - 4.2. **DEPARTMENT.** Department refers to the Department of Environmental Protection.
 - 4.3. **FULL IMMERSION OR SURVIVAL ("GUMBY") SUIT.** A Full Immersion or Survival ("Gumby") Suit refers to a dry suit manufactured from neoprene fabric that provides buoyancy and warmth in cold water. It is donned and used only when a boat or vessel needs to be abandoned in an emergency and rescue help is not immediately available.
 - 4.4. **PERSONAL FLOTATION DEVICE (PFD).** A Personal Flotation Device (PFD) is a buoyant device designed to keep a person afloat in water.
 - **Type I PFD:** Offshore use in open-ocean, rough, or remote waters when rescue may be slow coming.
 - **Type II PFD:** Near shore use and general use for calm, inland waters.
 - **Type III PFD:** General and recreational use on inland waters and specific recreational activities.
 - **Type IV:** Throwable rescue flotation device; not meant for wearing. Required to be carried on boats of 16 foot or greater length.
 - **Type V:** Various constructions-inflatable, hybrid inflatable and buoyant foam devices for special uses or condition. May be acceptable for use on marine waters. Must be worn for the purpose specified on the individual PFD.



5. **SCOPE.** This SOP shall apply to all Department staff persons and governs the selection, purchase, use and maintenance of PFDs by Department personnel.

6. **EXEMPTION TO THIS STANDARD.**

- 6.1. Department staff persons traveling in commercial vessels such as State Ferries are exempt from this policy. Staff persons are expected to follow any safety procedures set forth by the owner/operator of the boat or vessel.
- 6.2. Department staff person engaged in diving and snorkeling operations, and while wearing the required wet suits, are not required to wear PFDs when so suited. When unsuited and in transit to the diving/snorkeling site, Department staff persons must wear the PFD appropriate for the conditions.

7. **INSTRUCTION.**

- 7.1. A Type I, Type III or Type V USCG approved PFD will be worn whenever any Department staff person is working or traveling in or on a boat, vessel or worksite where there is a real or potential risk of falling into the water where one could drown.
- 7.2. A Type I PFD, Type III PFD or Type V PFD is required for use on marine waters for commercial vessels and recommended for use on recreational vessels. Government-owned and operated vessels are considered commercial class.
- 7.3. PFD identifications: All PFDs shall be marked with the minimal identification of "DEP" in either black or white block letters against the safety orange, approximately 2 ½ inches tall, and located on the backside of the PFD. Additional identification may be added as required, such as designating a PFD to an individual or to a particular vessel. Each PFD must have Type I retro-reflective material: at least 200 square centimeters (31 square inches) on the front and at least 200 square centimeters (31 square inches) on the back. If the PFD is reversible, the reversible side must also have the same.
- 7.4. The use of anti-exposure coveralls is required:
 - When working or traveling in a boat or vessel when the water temperature is 50 degrees F (20 degrees C) or less; or when the combined water/air temperature is less than 120 degrees F (49 degrees C).
 - When performing dockside or shoreline operations when temperature conditions exceed those listed above.
- 7.5. The most qualified person on site, the lead person, or the functional supervisor may provide an exception to the use of Anti-exposure coveralls. An alternate PFD is still required. Considerations include:



- Scope of work
- Location of work
- Distance to shore or rescue
- Rescue time
- Weather and/or sea conditions.

7.6. A full immersion survival suit (Gumby suit) must be available for all operations in a boat or vessel operated in ocean waters or waters below 50 degrees F (10 degrees C) where rescue or movement to a place of warming, in the event of the boat or vessel becoming incapacitated through sinking or overturning, may be delayed more than 15 minutes.

7.7. Staff person whose tasks may require them to work in conditions requiring the use of PFDs must be instructed annually in this guidance and be able to demonstrate competency in their ability to don, doff, and care for any PFD they may be required to use. Selection of the PFDs shall be by appropriate type from a State-recognized and approved vendor and in accordance with US Coast Guard requirements. Care of the PFDs shall be according to the manufacturers' directions.

8. REFERENCES.

- 8.1. Requirements for lifesaving equipment: Title 46 CFR, Part 25, Subpart 25.25 Life Preservers and Other Lifesaving Equipment.
- 8.2. Good explanation of PFD types and requirements: *USGS Rescue and Survival Systems Manual*, Chapter 4 Personal Flotation Devices

