Groundwater Monitoring Report

1000 Turk Hill Road
Fairport, Monroe County, New York

April 9, 2025

Prepared for:

New Coleman Holdings, Inc.

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Acronym List

Acronym	Definition
AWQSGVs	Ambient Water Standards and Guidance Values
bls	below land surface
CVOCs	Chlorinated Volatile Organic Compounds
DHC	Dehalococcoides
DOT	Department of Transportation
DO	Dissolved oxygen
DUSR	Data Usability Summary Report
Erie Canal	New York State Barge Canal
FSP	Field Sampling Plan
IRM	Interim Remedial Measures
µg/L	Micrograms per liter
NAVD	North American Vertical Datum
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
ORP	Oxidation reduction potential
QA/QC	Quality assurance/quality control
QAPP	Quality Assurance Project Plan
RAWP	Remedial Action Work Plan
Report	Groundwater Monitoring Report
RI	Remedial Investigation
RIWP	Remedial Investigation Work Plan
Site	1000 Turk Hill Road, Fairport, Monroe County, New York
SVOC	Semi-Volatile Organic Compounds
TCL	Target compound list
TIC	Tentatively identified compounds
TCE	Trichloroethene
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VC	Vinyl chloride
VOC	Volatile organic compound

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux) on behalf of New Coleman Holdings, Inc. prepared this Groundwater Monitoring Report (Report) detailing the completed scope of work and laboratory test results for groundwater sampling conducted at 1000 Turk Hill Road, Fairport, Monroe County, New York (Site) (Figure 1 and 2) in the 4th Quarter of 2024. The scope of services discussed herein followed the approved Remedial Action Work Plan (RAWP) dated September 6, 2024.

The groundwater sampling event was conducted by Roux personnel on November 11 and 12, 2024. Samples were collected from 12 of the 13 monitoring wells scheduled to be sampled during this sampling event.

1.1 Site Background

The Site was improved with the existing three buildings in the late 1890s/ early 1900s by Cobbs Canning Company, a food processing and canning company. Canning operations continued until 1923. Between 1909 and 1931, the Rochester, Syracuse, and Eastern Railroad operated an electric trolley line that passed through the southern portion of the Site. Crosman operated the Site as a BB gun manufacturing facility (Crosman Arms) from 1953 to 1971. Crosman's manufacturing operations included machine coating, plating, cooling, painting, and degreasing. In 1984, the Site was divided into a multi-tenant commercial park referred to as Turk Hill Park.

Several investigations have been conducted at this Site prior to the 2015 to 2017 Remedial Investigation (RI) activities. The history of the Site has been developed based on findings generated as part of various historic environmental investigations. A summary of these investigations is contained in the Records Search Report, Rev. 2 (under separate cover) (CB&I, 2015). Based on the results of previous investigations, the site has been classified as a Class 2 Inactive Hazardous Waste Site (Order on Consent Index No. B8-0823-14-01).

As part of site investigation activities, 25 monitoring wells were installed throughout the Site to assess groundwater quality. As part of the approved Remedial Investigation Work Plan (RIWP) scope, groundwater monitoring was performed between the 2nd quarter of 2016 and the 1st quarter of 2018. Roux performed groundwater monitoring activities in July 2021, October 2021, June 2022, and June 2023.

In accordance with the March 27, 2019, Interim Remedial Measures (IRM) Work Plan, a remedial excavation was performed east of Building 3 to remove the primary source area for chlorinated volatile organic compounds (CVOCs) in the 2nd Quarter of 2019. A total of 521.65 tons of CVOC impacted material was excavated and disposed of offsite.

In August 2021, a Pilot Study was completed to assess the effectiveness of the *in situ* treatment for groundwater and obtain Site-specific information. Based on the performance of the Pilot Study, a full-scale groundwater treatment program was developed, as described in September 6, 2024 RAWP. Phase 1 of the remedial injection program was completed between September 27 and October 2, 2024. Locations of the injection points can be found in Figure 3.

1.2 Summary of Environmental Conditions

Subsurface investigations have been conducted at the Site from 1990 through 2019 to define the nature and extent of potential impacts to soil, groundwater, and soil vapor beneath the Site. Investigation and remedial activities included, but were not limited to, underground storage tank (UST) removal, suspect asbestos-

containing material sampling, monitoring well installation, soil vapor point installation, test pitting, soil boring, soil sample collection and analysis, geophysical investigation, groundwater sampling and analysis, and soil vapor sampling and analysis.

1.2.1 Regional and Local Geology

The Site is located approximately 475 feet above mean sea level relative to North American Vertical Datum (NAVD) 88. The 1972 United States Department of Agriculture Soil Conservation Service's Soil Survey of Monroe County indicated the Site is comprised of Ontario Loam, which is a portion of the Halsey soil series, and has moderate permeability and medium acidic soil reaction characteristics. The Site is located within the Lake Erie-Ontario Basin physiographic province of New York, which is underlain by sedimentary rocks consisting mostly of Proterozoic shale and limestone.

Based on information gathered from previous investigations and a review of the general construction techniques used to build the Canal, fill materials originating from the Canal construction are located onsite near the shoreline of the Canal. Based on the information provided in the RI, other portions of the Site have also been filled with sediments that were excavated from the Canal. This fill material is likely co-mingled with native soils and is of similar lithology to native soils making exact distinction between those lithologic units difficult. Overburden consists of a single unit comprised primarily of sand and silty-sand with smaller zones of clay, silt, gravel, and some organic soils in landscaped and other unimproved areas. The overburden unit generally extends from grade or from below pavement and/or building slabs to bedrock. The top of the bedrock surface is encountered between approximately 10 and 27 feet below land surface (bls). The variability in overburden thickness was generally consistent with changes in surface elevation (i.e., areas of higher surface elevation generally had increased overburden thickness). Fill materials consisting of crusher run stone and aggregate extend from below the asphalt pavement to the top of bedrock in the area east of Building 3 where the soil excavation Interim Remedial Measure (IRM) was performed.

1.2.2 Hydrogeology

The Canal is located on the northern and eastern borders of the Site and generally flows eastward during its operating season. The New York State Canal Corporation operates the Canal on a seasonal basis during the warmer months of the year. The Canal is drained seasonally beginning in early November and the low water level state continues until late April or May when the Canal is refilled with water and is opened to marine traffic.

Regional groundwater flow in the vicinity of the Site is generally northward and westward towards Irondequoit Bay and Lake Ontario. Locally, groundwater elevations in overburden soil and in weathered bedrock fluctuate with the seasonal changes in the water level of the Canal. Aside from areas of apparent mounded groundwater behind the foundations of Buildings 1 and 2 (as observed in monitoring well MW-16s during this sampling event), the water-table is relatively flat across the Site when the Canal is full (high groundwater events), with groundwater elevations varying across the Site less than 3 feet across wells monitored during this sampling event, with little or no readily discernable gradient. The water table is generally lower and more variable in elevation when the Canal is drained (low groundwater events). Based on these observations, the predominant influences on groundwater elevations, flow directions, and gradients are the elevation of surface water in the Canal when it is filled, and bedrock elevations when the Canal is drained.

Based on the available information, there is no direct hydraulic connection between the surface waters in the canal and groundwater at the Site. The canal is lined with clay based on the available documentation of its

construction, which serves to reduce or eliminate any significant hydraulic connectivity between the Site groundwater and the canal waters, as is common with a natural surface water feature. The changes in groundwater elevation resulting from the seasonal draining and filling of the canal are likely related to the pressure fronts that act like a diaphragm exerting pressure on the canal sediments, lining and adjacent soil and groundwater. These conditions result in a relatively direct relationship between the elevation of the canal waters and the elevation of groundwater across much of the developed portion of the Site. This condition is similar to the influence of tides on adjacent groundwater elevations. A water-table elevation map based on water level data obtained in the 4th quarter of 2024 is provided as Figure 4.

Groundwater elevations and the available Site information indicate the migration of groundwater to or from the Site is very limited. Groundwater beneath the Site and in the area around the Site is not used as a source of potable water. According to the Monroe County Water Authority, surface water from Lake Ontario and/or Hemlock Lake is used for the municipal water supply throughout the town of Perinton, New York and the village of Fairport, New York.

1.2.3 Previous Groundwater Monitoring Events

Between the 2nd Quarter of 2016 and the 1st Quarter of 2018 quarterly groundwater sampling events were performed. The results of these sampling events were previously report to NYSDEC. In preparation of the full-scale in situ groundwater treatment program, Roux completed various groundwater sampling events, including the following:

- Pre-Pilot Study Groundwater Sampling Results (July 2021)
- Pilot Study Program Performance Monitoring (October 2021)
- Pilot Study Program Performance Monitoring (June 2022)
- Baseline Groundwater Sampling Prior to the Full-Scale in situ Injection Program (June 2023)
- Baseline Groundwater Sampling Prior to the Full-Scale in situ Injection Program (July and August 2024)

The results of these sampling events were detailed in previously submitted reports.

2. Groundwater Monitoring and Sampling Scope of Work

In accordance with the approved RAWP, 13 onsite monitoring wells were scheduled to be sampled during the groundwater sampling event that was completed on November 11 and November 12, 2024. However, samples could only be collected from 12 of the scheduled monitoring wells: MW-2S, MW-2M, MW-2D, MW-3S, MW-16S, RXMW-9S, MW-10S, MW-29S, MW-27S, MW-8S, MW-28S and MW-35M. A sample could not be collected from monitoring well MW-15S, due to insufficient water in the well.

Prior to performing the groundwater sampling, all wells to be sampled during this sampling event were gauged to measure the water table elevation. Then each of the monitoring wells was purged and sampled using low-flow sampling procedures. Each well was sampled for volatile organic compounds (VOCs) and performance parameters, including methane, ethane, ethene, total organic carbon, nitrate/nitrite, sulfate, and carbon dioxide. Current levels of biological activity in four of the onsite wells (MW-2S, RX-MW9S, MW-16S and MW-35M) were be determined by sampling for specific microorganisms or functional genes deemed critical for successful bioremediation; specifically, bacteria within the Dehalococcoides (DHC) genus. Geochemical parameters, including specific conductivity, pH, turbidity, temperature, ORP and dissolved oxygen were collected in the field prior to collecting each sample. The gauging and geochemical data is summarized in Table 5.

Each sample was collected, stored and analyzed as detailed in the Field Sampling Plan (FSP). All purge water generated was containerized and stored in a designated onsite storage area in Department of Transportation (DOT)-approved 55-gallon drums for characterization and offsite disposal.

3. Results

3.1 Analytical Results – November 2024

Groundwater samples were collected from 12 monitoring wells during the 4th quarter 2024 sampling event at the Site. The results of individual parameters are discussed in the section below. All exceedances of the AWQSGV criteria are highlighted on Figure 5. Copies of the laboratory analytical reports can be found in Appendix A.

3.1.1 Volatile Organic Compounds

The following six VOCs were detected above their respective AWQSGV values: acetone, cis-1,2-dichloroethylene, dichloroethylenes, methyl ethyl ketone (2-Butanone), trichloroethene (TCE) and vinyl chloride (VC). Exceedances for VOCs were observed in 7 monitoring wells (MW-2M, MW-2D, MW-3S, MW-8S, RXMW-9S, MW-27S and MW-35S).

The highest individual detections of these VOCs were observed at the following monitoring wells:

- Acetone: RXMW-9S with a concentration of 230 ug/L.
- Cis-1,2-dichloroethylene: RXMW-9S with a concentration of 520 µg/L.
- Dichloroethylenes: RXMW-9S with a concentration of 520 µg/L.
- Methyl ethyl ketone*: RXMW-9S with a concentration of 94 J µg/L.
- TCE: MW-2M with a concentration of 54 µg/L.
- VC: RXMW-9S with a concentration of 870 µg/L.

*The only detection of Methyl ethyl ketone was in RXMW-9S and was only an estimated concentration because the detection was below the reporting limit but above or equal to the method detection limit.

3.1.2 General Chemistry

Nitrogen (as Nitrate-Nitrite) was detected above its AWQSGV value of 10,000 µg/L in monitoring well MW-8S with an estimated value of 11,000 µg/L and sulfate (as SO4) was detected above its AWQSGV value of 250,000 µg/L in monitoring well MW-2D with a value of 520,000. All other values and parameters were below their respective AWQSGV value.

3.1.3 Dehalococcoides (DHC)

Dehalococcoides (DHC) concentration ranged from <4.20E-01 ug/L in MW-35M to 2.80E+04 ug/L in RXMW-9s.

3.2 Quality Assurance/ Quality Control

To meet NYSDEC quality assurance and quality control requirements (QA/QC), matrix spike/matrix spike duplicates and duplicate samples were be collected accordance with the Field Sampling Plan (FSP) and the Quality Assurance Project Plan (QAPP). All groundwater and quality assurance/quality control (QA/QC) samples were delivered under chain-of-custody to Pace Laboratory/ Alpha Analytical of Westborough, MA, for analysis.

3.2.1 Data Usability Summary Report

A Data Usability Summary Report (DUSR) was be prepared in accordance with the QAPP for all baseline and post-remedial sampling performed during the remedial action. The DUSR was prepared by a party independent from the laboratory performing the analyses, in accordance with Appendix 2B of DER-10. The qualifications of the person preparing the DUSRs was submitted to the NYSDEC project manager for approval. A copy of the DUSR is included as Appendix B.

4. Summary and Conclusions

The 4th quarter of 2024 groundwater monitoring event was completed on November 11 and November 12, 2024. Groundwater was collected from 12 onsite monitoring wells. One well could not be sampled due to insufficient water volume within the well. The respective groundwater data generated during this post-injection sampling event was evaluated and the preliminary findings and observations noted during the initial stages of treatment are summarized below by treatment area.

Building 1 (MW-16S)

- CVOC concentrations have decreased when compared with the sampling results generated during the August 1, 2024 pre-injection sampling event
- CVOC concentrations have significantly decreased when compared with the sampling results generated during the November 9, 2017 baseline sampling event.
- The overall effectiveness of ongoing treatment will continue to be assessed after the results are generated from the next quarterly sampling event scheduled to occur in April 2025.

East of Building 3 (RXMW-9S)

- CVOC concentrations are generally consistent to elevated when compared with the sampling results generated during the August 1, 2024 pre-injection sampling event.
- CVOC concentrations have significantly decreased when compared with the sampling results generated during the November 9, 2017 baseline sampling event.
- The elevated levels of acetone and methyl ethyl ketone in groundwater are typically observed in the very early stages of treatment after carbon is introduced into the subsurface and are likely a byproduct from the fermentation of the carbon. It is anticipated that these elevated levels will dissipate quickly as CVOCs continue to degrade with time.
- The geochemical data at RXMW-9S confirms that there are strong reducing conditions (i.e., low ORP, DO, etc.) that indicate the CVOC concentrations should continue to decrease with time.
- Acetone typically acts as a food source for anaerobic bacteria and should decrease with time.
- There is a healthy population of DHC that will continue to develop and, in turn, will support the continued degradation of CVOCs.
- The overall effectiveness of ongoing treatment will continue to be assessed after the results are generated from the next quarterly sampling event scheduled to occur in April 2025.

Other areas of the Site with lingering contamination that has yet to be treated will be addressed via Phase 2 of the injection program outlined in the RAWP, anticipated to be completed June 2025.

5. Future Sampling

With the completion of the first phase of the injection program during the 4th quarter of 2024, four performance monitoring groundwater sampling events per year will begin and continue for at least two years. Performance sampling will be implemented to confirm the effectiveness of the remedial action. This report summarizes the 1st groundwater performance monitoring round with the 2nd performance sampling event being planned for April 2025.

The following 13 groundwater monitoring wells will be sampled during every quarterly performance monitoring event, if enough water is present is each well:

- MW-2S, MW-2M, MW-2D, MW-3S, MW-8S, RXMW-9S, MW-10S, MW-15S, MW-16S, MW-27S, MW-28S, MW-29S and MW-35M.

The following 7 groundwater monitoring wells to be added to the monitoring wells above and sampled during the even number performance sampling events (2nd, 4th, 6th, 8th, etc.):

- MW-5S, MW-6M, MW-6D, MW-7S, MW-11S, MW-11M and MW-11D.

Groundwater elevation data will be collected from all accessible on-Site monitoring wells during each quarterly sampling event to generate groundwater contours. Each monitoring well will be sampled for the target compound list (TCL) VOCs via USEPA Method 8260. Tentatively identified compounds (TICs) will be included in the analyses. In addition to the contaminants of concern, the groundwater samples collected will also be analyzed for performance parameters, including methane, ethane, ethene, total organic carbon, nitrate/nitrite, sulfate, and carbon dioxide.

The results of each quarterly groundwater monitoring event will be tabulated and compared to the NYSDEC AWQSGVs. The results will be summarized and submitted to NYSDEC and NYSDOH project managers. and an annual groundwater monitoring report will be prepared and submitted to the NYSDEC summarizing each year of quarterly monitoring.

TABLES

Notes Utilized Throughout Tables	
Groundwater Tables	
J -	Estimated Value
J+ -	Estimated value, high bias
J- -	Estimated value, low bias
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
R -	Sample results rejected by validator
FD -	Duplicate
µg/L -	Micrograms per liter
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	

Table 1. Summary of Volatile Organic Compounds in Groundwater, 1000 Turk Hill Road, Fairport, New York

Parameter	NYSDEC Ambient Water-Quality Standards and Guidance	Unit	MW-2D	MW-2M	MW-2S	MW-3S	MW-8S	RXMW-9S	MW-10S	MW-16S	MW-27S	MW-27S	MW-28S	MW-28S	MW-29S	MW-35M
Sample Date:			11/11/2024	11/11/2024	11/12/2024	11/11/2024	11/12/2024	11/12/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/11/2024	11/11/2024	11/11/2024	11/12/2024
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	FD	N	FD	N	N
1,1,1,2-Tetrachloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	15 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	UG/L	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	1.2 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	UG/L	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (P-Dioxane)	0.35	UG/L	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U	250 U
2,2-Dichloropropane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 UJ	5 U	5 UJ	50 UJ	5 U	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 UJ
4-Chlorotoluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	--	UG/L	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	**50**	UG/L	5 UJ	5 UJ	5 U	5 UJ	5 U	**230**	18 J	5 U	5 U	5 U	5 UJ	5 UJ	5 UJ	2.5 J
Acrylonitrile	5	UG/L	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Bromomethane	5	UG/L	2.5 R	2.5 R	2.5 U	2.5 R	2.5 U	25 U	2.5 R	2.5 U	2.5 U	2.5 U	2.5 R	2.5 R	2.5 R	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloromethane	5	UG/L	2.5 R	2.5 R	2.5 U	2.5 R	2.5 U	25 U	2.5 R	2.5 U	2.5 U	2.5 U	2.5 R	2.5 R	2.5 R	2.5 U
Cis-1,2-Dichloroethylene	**5**	UG/L	3.8 J	**22 J**	0.92 J	2.5 U	**13 J+**	**520**	0.76 J	1.1 J	2.5 U	2.5 U	2.5 U	2.5 U	0.77 J	**110**
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cymene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 UJ	5 U	5 UJ	50 UJ	5 U	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 UJ
Dichloroethylenes	**5**	UG/L	3.8	**23 J**	0.92 J	2.5 U	**13**	**520**	0.76 J	1.1 J	2.5 U	2.5 U	2.5 U	2.5 U	0.77 J	**110**
Diethyl Ether (Ethyl Ether)	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	**50**	UG/L	5 U	5 U	5 UJ	5 U	5 UJ	**94 J**	27	5 UJ	5 UJ	5 UJ	5 U	5 U	5 U	5 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	1.3 J	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	0.74 J	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	25 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
Trichloroethylene (TCE)	**5**	UG/L	**23**	**54**	0.66	**5.6**	0.88	**24**	0.5 U	3.7	0.19 J	0.19 J	1.1	1.2	0.82	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 UJ	2.5 UJ	2.5 U	2.5 UJ	2.5 U	25 U	2.5 UJ	2.5 U	2.5 U	2.5 U	2.5 UJ	2.5 UJ	2.5 UJ	2.5 U
Vinyl Acetate	--	UG/L	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	**2**	UG/L	1 UJ	1.2 J	1 U	1 UJ	**16**	**870**	1 UJ	1 U	**2.1**	1.8	1 UJ	1 UJ	0.49 J	**87**
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 2. Summary of General Chemistry in Groundwater, 1000 Turk Hill Road, Fairport, New York

Sample Designation:			MW-2D	MW-2M	MW-2S	MW-3S	MW-8S	RXMW-9S	MW-10S	MW-16S	MW-27S	MW-27S	MW-28S	MW-28S	MW-29S	MW-35M
Sample Date:			11/11/2024	11/11/2024	11/12/2024	11/11/2024	11/12/2024	11/12/2024	11/11/2024	11/12/2024	11/12/2024	11/12/2024	11/11/2024	11/11/2024	11/11/2024	11/12/2024
Normal or Field Duplicate:			N	N	N	N	N	N	N	N	N	FD	N	FD	N	N
Parameter	Ambient Water-Quality Standards and Guidance Values	Unit														
Carbon Dioxide	--	UG/L	33700	13200	48400 J+	31500	81400 J+	314000 J+	93600	3000 U	85800 J+	81700 J+	59800	57500	82400	13500 J+
Nitrogen, Nitrate-Nitrite	**10000**	UG/L	1900	100 U	63 J	660	**11000 J-**	100 U	100 U	1300	100 U	100 U	100 U	100 U	100 U	100 U
Sulfate (As SO4)	**250000**	UG/L	**520000**	76000	28000	160000	110000	32000	2200 J	19000	28000	26000	39000	40000	62000	47000
Total Organic Carbon	--	UG/L	780	3300	9900	1400	1200	600000	480000	2500	5900	5400	2100	2000	32000	5600
Ethane	--	MG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.0029 J	0.0042 J	0.014 U	0.014 U	0.011 J	0.010 J	0.014 U	0.014 U	0.0039 J	0.0026 J
Ethene	--	MG/L	0.017 U	0.0017 U	0.017 U	0.017 U	0.0052 J	0.41	0.017 U	0.017 U	0.015 J	0.015 J	0.0017 U	0.0017 U	0.0021 J	0.0079 J
Methane	--	MG/L	0.0070 U	0.0024 J	0.0015 J	0.0022 J	0.21	2.5	16	0.0070 U	1.2	1.0	0.0040 J	0.0032 J	0.82	0.12

Table 3. Summary of Dehalococcoides in Groundwater, 1000 Turk Hill Road, Fairport, New York

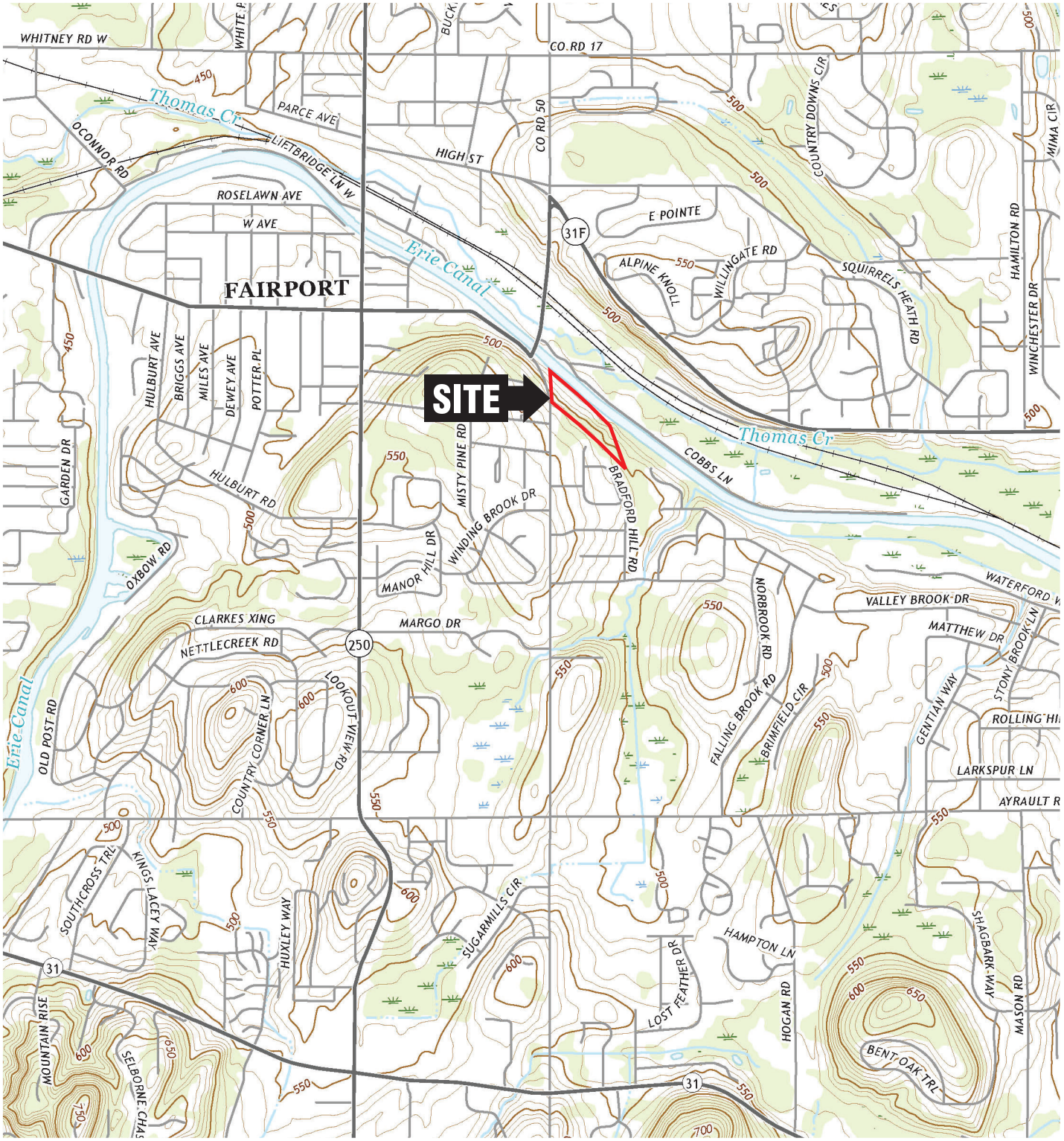
	Sample Designation:		MW-2S	RXMW-9S	MW-16S	MW-35M
	Sample Date:		11/12/2024	11/12/2024	11/12/2024	11/12/2024
	Normal or Field Duplicate:		N	N	N	N
Parameter	NYSDEC Ambient Water-Quality Standards and Guidance Values	Unit				
Dehalococcoides (DHC)	NA	UG/L	<6.30E-01	2.80E+04	7.40E+01	<4.20E-01

Table 4. Groundwater Elevation and Field Sampling Parameters - November 2024

Turk Hill Park, 1000 Turk Hill Road, Fairport, New York - NYSDEC Site No. 828161

Monitoring Well	Casing Elevation	Depth to Groundwater	Groundwater Elevation	ORP (mV)	Conductivity (mS/m)	Turbidity (NTU)	pH	Temperature (° F)	DO (mg/L)
MW-2S	467.27	10.51	456.76	Insuffcient water volume in well to purge and collect parameters.					
MW-2M	467.12	10.60	456.52	-65	0.882	1.8	6.87	16.83	0.00
MW-2D	467.24	10.65	456.59	70	1.850	2.9	6.59	16.03	0.00
MW-3S	466.32	9.75	456.57	18	1.020	0.0	6.72	18.11	1.09
MW-8S	466.90	10.20	456.70	143	4.54	7.1	5.72	15.99	2.89
RXMW-9S	470.36	9.31	461.05	-240	4.73	20.4	6.58	12.56	0.00
MW-10S	470.79	13.13	457.66	-215	3.68	9.0	7.33	13.65	1.09
MW-15S	469.20	12.49	456.71	Insuffcient water volume in well to purge and collect parameters.					
MW-16S	468.74	4.19	464.55	86	0.14	0.0	7.31	15.04	10.45
MW-27S	466.83	8.65	458.18	-89	0.746	2.8	6.97	13.00	0.00
MW-28S	466.98	9.56	457.42	220	0.003	18.1	5.05	13.60	9.90
MW-29S	469.55	11.72	457.83	-192	5.36	15.3	7.23	13.55	0.00
MW-35M	465.82	9.08	456.74	-135	0.24	10.5	7.59	14.90	0.00

FIGURES



QUADRANGLE LOCATION

SOURCE:
USGS; 2016, Fairport, NY
7.5 Minute Topographic Quadrangle

N

0 2000'

Title:

SITE LOCATION MAP

SITE NO. 828161
1000 TURK HILL ROAD, TURK HILL PARK
FAIRPORT, NEW YORK

Prepared for:

NEW COLEMAN HOLDINGS INC.

ROUX

Compiled by: C.B.	Date: 20AUG24	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr.: C.B.	Project No.: 3113.0001Y000	
File: 3113.0001Y106.01.CDR		

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SOURCE: GOOGLE EARTH 5/22/2023 IMAGE

LEGEND

SITE BOUNDARY

N

70' 0 70'

Title:

AERIAL PHOTO OF SITE

SITE NO. 828161
1000 TURK HILL ROAD, TURK HILL PARK
FAIRPORT, NEW YORK

Prepared for:

NEW COLEMEN HOLDINGS INC.

ROUX

Compiled by: N.E.	Date: 21AUG24	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr: C.B.	Project: 3113.0001Y000	
File: 3113.0001Y106.07.DWG		

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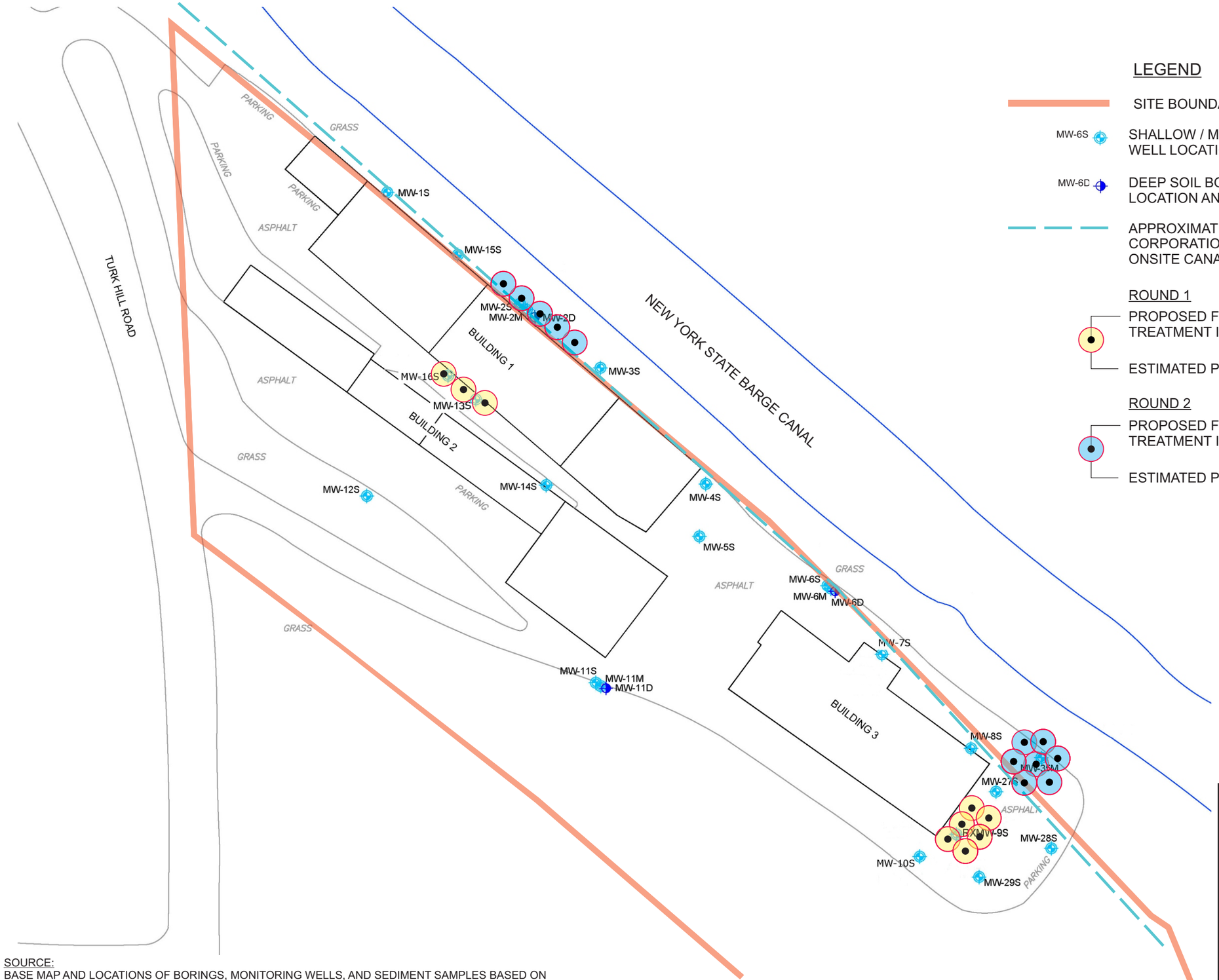

LEGEND

- SITE BOUNDARY
- MW-6S — SHALLOW / MEDIUM SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION
- MW-6D — DEEP SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION
- APPROXIMATE LOCATION OF NEW YORK STATE CANAL CORPORATION “BLUE LINE” INDICATING LIMIT OF ONSITE CANAL EASEMENT

ROUND 1

- PROPOSED FULL-SCALE ONLY GROUNDWATER TREATMENT INJECTION POINT (SEPTEMBER 2024)
- ESTIMATED PROPOSED RADIUS OF influence (10’)

ROUND 2

- PROPOSED FULL-SCALE ONLY GROUNDWATER TREATMENT INJECTION POINT (MAY THROUGH JUNE 2025)
- ESTIMATED PROPOSED RADIUS OF INFLUENCE (10’)

SOURCE:
BASE MAP AND LOCATIONS OF BORINGS, MONITORING WELLS, AND SEDIMENT SAMPLES BASED ON DRAWING NUMBER 152918-B5 (APTIM ENVIRONMENTAL AND INFRASTRUCTURE, INC., JANUARY 30, 2018).

Title:

IN-SITU GROUNDWATER TREATMENT INJECTION LOCATIONS

SITE NO. 828161
1000 TURK HILL ROAD, TURK HILL PARK
FAIRPORT, NEW YORK

Prepared for:
NEW COLEMAN HOLDINGS INC.

ROUX

Compiled by: C.B.	Date: 22AUG24	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	3
Project Mgr.: C.B.	Project No.: 3113.0001Y000	
File: 3113.0001Y106.02.CDR		

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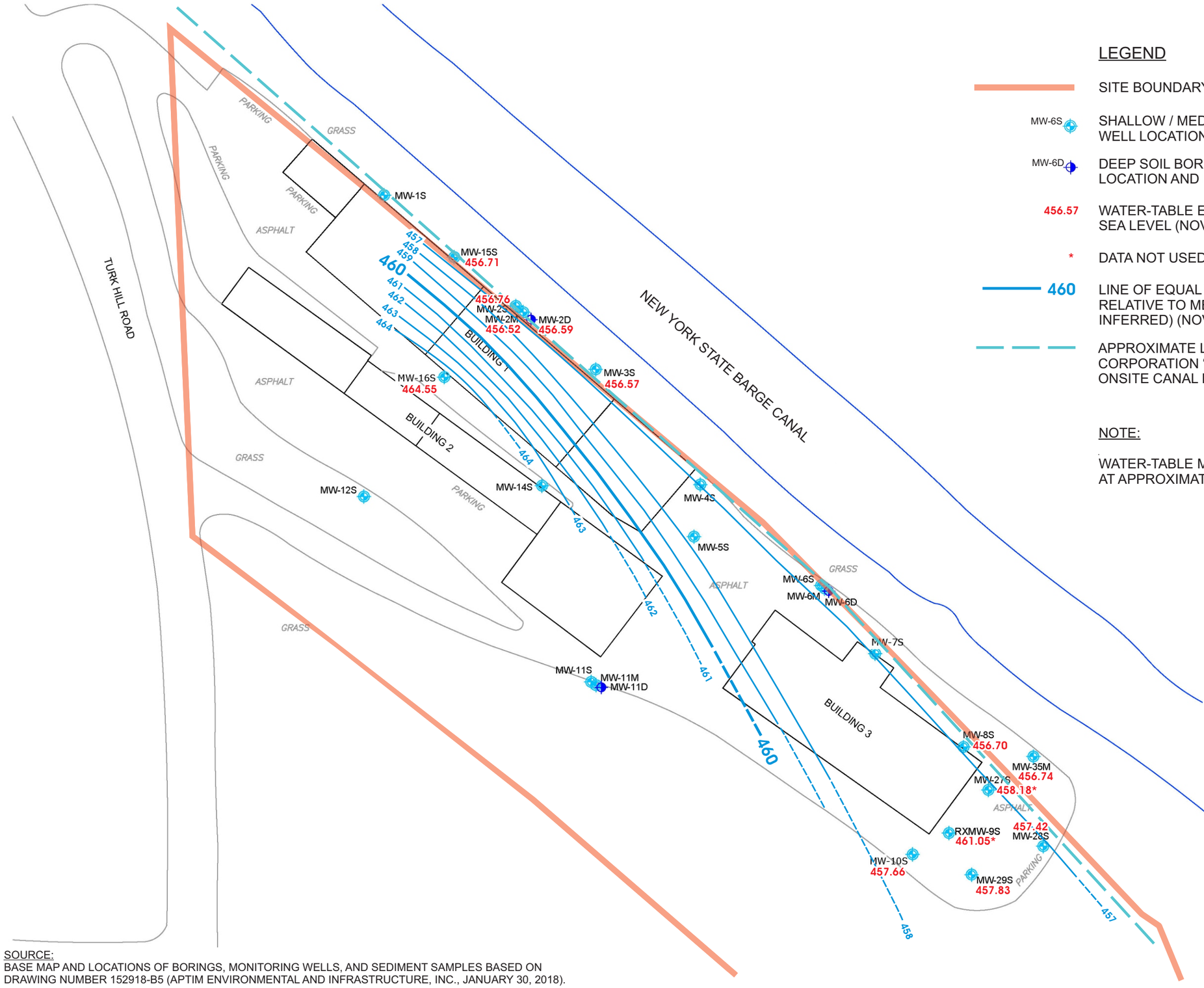

SOURCE:
BASE MAP AND LOCATIONS OF BORINGS, MONITORING WELLS, AND SEDIMENT SAMPLES BASED ON DRAWING NUMBER 152918-B5 (APTIM ENVIRONMENTAL AND INFRASTRUCTURE, INC., JANUARY 30, 2018).

LEGEND

- SITE BOUNDARY
- MW-6S — SHALLOW / MEDIUM SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION
- MW-6D — DEEP SOIL BORING / MONITORING WELL LOCATION AND DESIGNATION
- 456.57 — WATER-TABLE ELEVATION, IN FEET RELATIVE TO MEAN SEA LEVEL (NOVEMBER 2024)
- * — DATA NOT USED IN CONTOUR MAP
- 460 — LINE OF EQUAL WATER-TABLE ELEVATION, IN FEET RELATIVE TO MEAN SEA LEVEL (DASHED WHERE INFERRED) (NOVEMBER 2024)
- APPROXIMATE LOCATION OF NEW YORK STATE CANAL CORPORATION “BLUE LINE” INDICATING LIMIT OF ONSITE CANAL EASEMENT

NOTE:

WATER-TABLE MEASURED WHEN BARGE CANAL WAS AT APPROXIMATELY MEDIUM HIGH WATER.

N

80’ 0’ 80’

Title:

GROUND WATER-TABLE ELEVATIONS (NOVEMBER 2024)

SITE NO. 828161
1000 TURK HILL ROAD, TURK HILL PARK
FAIRPORT, NEW YORK

Prepared for:
NEW COLEMAN HOLDINGS INC.

ROUX

Compiled by: M.S.	Date: 06JAN25	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	4
Project Mgr.: M.S.	Project No.: 3113.0001Y000	
File: 3113.0001Y217.02.CDR		

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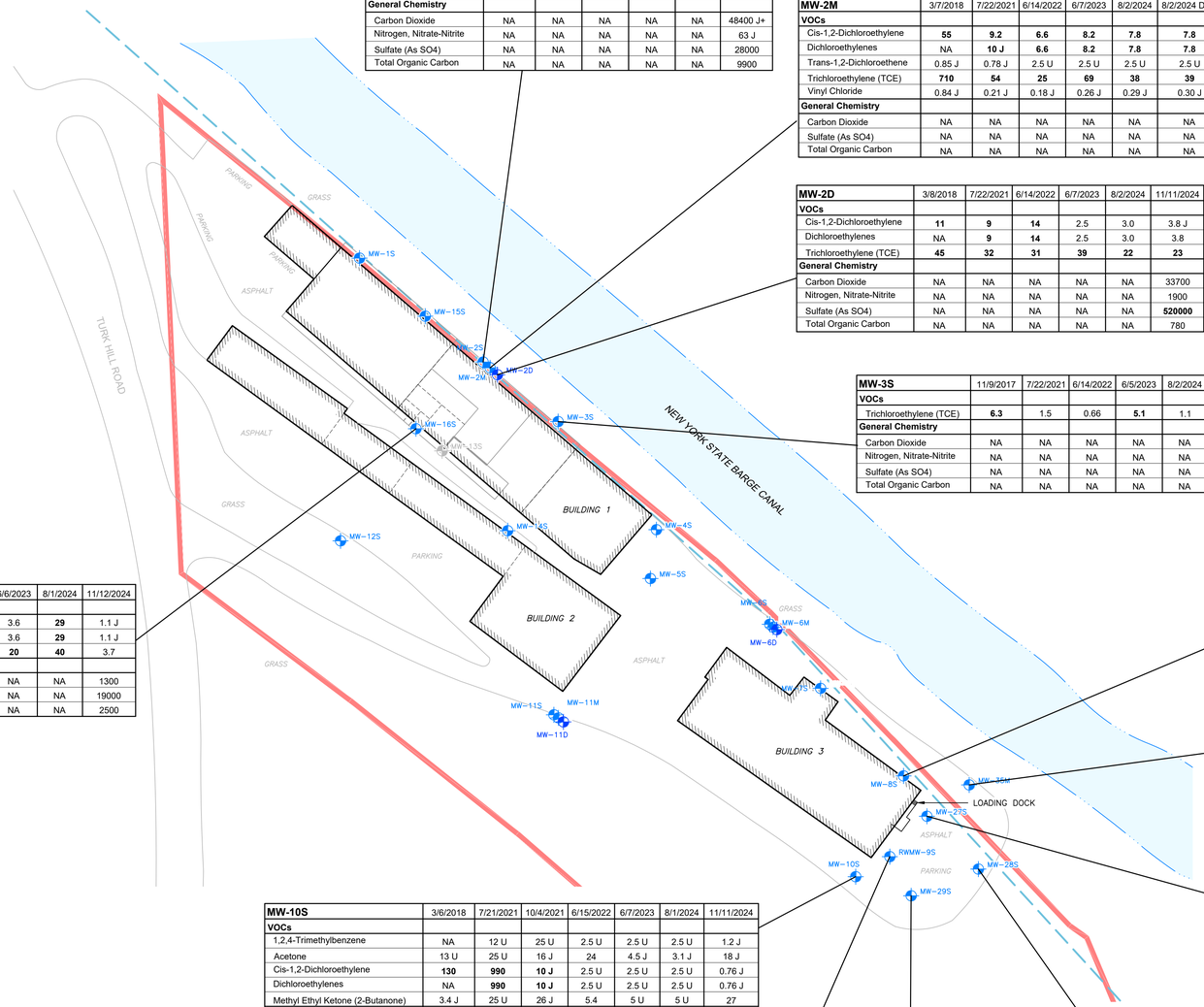

MW-2S	11/10/2017	7/22/2021	6/14/2022	6/7/2023	8/2/2024	11/12/2024
VOCs						
Cis-1,2-Dichloroethylene	**33**	2.8	3.4	3.2	**5.3**	0.92 J
Dichloroethylenes	NA	2.8	3.4	3.2	**5.3**	0.92 J
Trichloroethylene (TCE)	**100**	**15**	**12**	**25**	**17**	0.66
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	48400 J+
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	63 J
Sulfate (As SO4)	NA	NA	NA	NA	NA	28000
Total Organic Carbon	NA	NA	NA	NA	NA	9900

MW-2M	3/7/2018	7/22/2021	6/14/2022	6/7/2023	8/2/2024	8/2/2024 DUP	11/11/2024
VOCs							
Cis-1,2-Dichloroethylene	**55**	**9.2**	**6.6**	**8.2**	**7.8**	**7.8**	**22 J**
Dichloroethylenes	NA	**10 J**	**6.6**	**8.2**	**7.8**	**7.8**	**23 J**
Trans-1,2-Dichloroethene	0.85 J	0.78 J	2.5 U	2.5 U	2.5 U	2.5 U	0.74 J
Trichloroethylene (TCE)	**710**	**54**	**25**	**69**	**38**	**39**	**54**
Vinyl Chloride	0.84 J	0.21 J	0.18 J	0.26 J	0.29 J	0.30 J	1.2 J
General Chemistry							
Carbon Dioxide	NA	NA	NA	NA	NA	NA	13200
Sulfate (As SO4)	NA	NA	NA	NA	NA	NA	76000
Total Organic Carbon	NA	NA	NA	NA	NA	NA	3300

MW-2D	3/8/2018	7/22/2021	6/14/2022	6/7/2023	8/2/2024	11/11/2024
VOCs						
Cis-1,2-Dichloroethylene	**11**	**9**	**14**	2.5	3.0	3.8 J
Dichloroethylenes	NA	**9**	**14**	2.5	3.0	3.8
Trichloroethylene (TCE)	**45**	**32**	**31**	**39**	**22**	**23**
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	33700
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	1900
Sulfate (As SO4)	NA	NA	NA	NA	NA	**520000**
Total Organic Carbon	NA	NA	NA	NA	NA	780

MW-3S	11/9/2017	7/22/2021	6/14/2022	6/5/2023	8/2/2024	11/11/2024
VOCs						
Trichloroethylene (TCE)	**6.3**	1.5	0.66	**5.1**	1.1	**5.6**
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	31500
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	660
Sulfate (As SO4)	NA	NA	NA	NA	NA	160000
Total Organic Carbon	NA	NA	NA	NA	NA	1400

MW-16S	11/9/2017	7/23/2021	6/16/2022	6/6/2023	8/1/2024	11/12/2024
VOCs						
Cis-1,2-Dichloroethylene	**78**	**10**	**9.4**	3.6	**29**	1.1 J
Dichloroethylenes	NA	**10**	**9.4**	3.6	**29**	1.1 J
Trichloroethylene (TCE)	**97**	**34**	**33**	**20**	**40**	3.7
General Chemistry						
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	1300
Sulfate (As SO4)	NA	NA	NA	NA	NA	19000
Total Organic Carbon	NA	NA	NA	NA	NA	2500

MW-8S	3/27/2018	7/19/2021	6/13/2022	6/8/2023	8/2/2024	11/12/2024
VOCs						
Cis-1,2-Dichloroethylene	**67**	2.5 U	1.2 J	**8.4**	2.5 U	**13 J+**
Dichloroethylenes	NA	2.5 U	1.2 J	**8.4**	2.5 U	**13**
Trichloroethylene (TCE)	0.58 J	0.5 U	0.5 U	0.19 J	0.5 U	0.88
Vinyl Chloride	0.32 U	5 U	1 U	0.1 J	1.0 U	**16**
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	81400 J+
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	**11000 J-**
Sulfate (As SO4)	NA	NA	NA	NA	NA	110000
Total Organic Carbon	NA	NA	NA	NA	NA	1200

MW-35M	3/6/2018	7/19/2021	6/13/2022	6/8/2023	8/5/2024	11/12/2024
VOCs						
Acetone	2.3 U	50 U	12 U	5 U	20 U	2.5 J
Cis-1,2-Dichloroethylene	**7.6**	**1200**	**320**	**56**	**450**	**110**
Dichloroethylenes	NA	**1200**	**320**	**56**	**450**	**110**
Vinyl Chloride	0.32 U	**120**	**390**	**110**	**480**	**87**
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	13500 J+
Sulfate (As SO4)	NA	NA	NA	NA	NA	47000
Total Organic Carbon	NA	NA	NA	NA	NA	5600

MW-10S	3/6/2018	7/21/2021	10/4/2021	6/15/2022	6/7/2023	8/1/2024	11/11/2024
VOCs							
1,2,4-Trimethylbenzene	NA	12 U	25 U	2.5 U	2.5 U	2.5 U	1.2 J
Acetone	13 U	25 U	16 J	24	4.5 J	3.1 J	18 J
Cis-1,2-Dichloroethylene	**130**	**990**	**10 J**	2.5 U	2.5 U	2.5 U	0.76 J
Dichloroethylenes	NA	**990**	**10 J**	2.5 U	2.5 U	2.5 U	0.76 J
Methyl Ethyl Ketone (2-Butanone)	3.4 J	25 U	26 J	5.4	5 U	5 U	27
General Chemistry							
Carbon Dioxide	NA	NA	NA	NA	NA	52200 J	93600
Sulfate (As SO4)	NA	NA	NA	NA	NA	2100 J	2200 J
Total Organic Carbon	NA	NA	NA	NA	NA	6400	480000

MW-27S	3/5/2018	7/20/2021	10/5/2021	6/16/2022	6/8/2023	8/1/2024	11/12/2024	11/12/2024 DUP
VOCs								
Trichloroethylene (TCE)	0.78 J	2.9	1.5	1.1	0.41 J	0.45 J	0.19 J	0.19 J
Vinyl Chloride	0.32 U	1 U	0.28 J	0.57 J	**4.6**	**0.1 J**	**2.1**	1.8
General Chemistry								
Carbon Dioxide	NA	NA	NA	NA	NA	91800	85800 J+	81700 J+
Sulfate (As SO4)	NA	NA	NA	NA	NA	28000	28000	26000
Total Organic Carbon	NA	NA	NA	NA	NA	8700	5900	5400

MW-28S	11/7/2017	7/19/2021	6/16/2022	6/8/2023	8/2/2024	11/11/2024	11/11/2024 DUP
VOCs							
Trichloroethylene (TCE)	0.22 U	0.87	0.74	0.68	0.7	1.1	1.2
General Chemistry							
Carbon Dioxide	NA	NA	NA	NA	NA	59800	57500
Sulfate (As SO4)	NA	NA	NA	NA	NA	39000	40000
Total Organic Carbon	NA	NA	NA	NA	NA	2100	2000

RXMW-9S	8/11/2017	7/21/2021	10/4/2021	6/15/2022	6/7/2023*	8/1/2024	11/12/2024
VOCs							
Acetone	6200 U	100 U	**100**	**89 J**	21	26	**230**
Cis-1,2-Dichloroethylene	**750000**	**2600**	**1900**	**4600**	**35**	**540 J**	**520**
Dichloroethylenes	NA	**2600**	**1900**	**4600**	**37 J**	**540 J**	**520**
Methyl Ethyl Ketone (2-Butanone)	4100 U	100 U	**69 J**	120 U	9.3	25 U	**94 J**
Trichloroethylene (TCE)	**160000**	**220**	**180**	**110**	**9.1**	**25**	**24**
Vinyl Chloride	**3000 J**	**6.4 J**	**61**	**930**	**98**	**86 J**	**870**
General Chemistry							
Carbon Dioxide	NA	NA	NA	NA	NA	112000	314000 J+
Nitrogen, Nitrate-Nitrite	NA	NA	NA	NA	NA	64 J	ND
Sulfate (As SO4)	NA	NA	NA	NA	NA	**890000**	32000
Total Organic Carbon	NA	NA	NA	NA	NA	16000	600000

MW-29S	11/7/2017	7/19/2021	6/14/2022	6/8/2023	8/5/2024	11/11/2024
VOCs						
Cis-1,2-Dichloroethylene	0.3 U	2.5 U	2.5 U	2.5 U	2.5 U	0.77 J
Dichloroethylenes	NA	2.5 U	2.5 U	2.5 U	2.5 U	0.77 J
Trichloroethylene (TCE)	0.46 J	0.98	0.93	0.73	1.3	0.82
Vinyl Chloride	0.32 U	1 U	1 U	1 U	1 U	0.49 J
General Chemistry						
Carbon Dioxide	NA	NA	NA	NA	NA	82400
Sulfate (As SO4)	NA	NA	NA	NA	NA	62000
Total Organic Carbon	NA	NA	NA	NA	NA	32000

LEGEND

- SITE BOUNDARY (SEE FIGURE 2 FOR EXTENT OF BOUNDARY)
- MW-11D — LOCATION AND DESIGNATION OF DEEP SOIL BORING/ MONITORING WELL
- MW-11S — LOCATION AND DESIGNATION OF SHALLOW/MEDIUM SOIL BORING/MONITORING WELL
- MW-13S — PREVIOUSLY DESTROYED WELL
- CANAL EASEMENT LINE

TYPICAL DATA BOX INFORMATION

SAMPLE ID →	MW-3S	11/9/2017	← SAMPLE DATE
	VOCs		
ANALYTES →	Trichloroethylene (TCE)	**6.3**	← CONCENTRATIONS
	General Chemistry		
	Carbon Dioxide	NA	
	Nitrogen, Nitrate-Nitrite	NA	
	Sulfate (As SO4)	NA	
	Total Organic Carbon	NA	

Parameter	NYSDEC AWQSGV	Units
VOCs		
1,2,4-Trimethylbenzene	**5**	µg/L
Acetone	**50**	µg/L
Cis-1,2-Dichloroethylene	**5**	µg/L
Dichloroethylenes	**5**	µg/L
Methyl Ethyl Ketone (2-Butanone)	**50**	µg/L
Toluene	**5**	µg/L
Trans-1,2-Dichloroethene	**5**	µg/L
Trichloroethylene (TCE)	**5**	µg/L
Vinyl Chloride	**2**	µg/L
General Chemistry		
Carbon Dioxide	--	µg/L
Nitrogen, Nitrate-Nitrite	**10000**	µg/L
Sulfate (As SO4)	**250000**	µg/L
Total Organic Carbon	--	µg/L

Concentrations in µg/L

µg/L - Micrograms per liter
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
-- - No NYSDEC AWQSGV available
J - Estimated value
J+ - Estimated value, high bias
J- - Estimated value, low bias
DUP - Duplicate Sample
VOCs - Volatile Organic Compounds

Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

N

60' 0 60'

Title:

GROUNDWATER MONITORING RESULTS NOVEMBER 2024

SITE NO. 828161
1000 TURK HILL ROAD, TURK HILL PARK, FAIRPORT, NEW YORK

Prepared for:

NEW COLEMAN HOLDINGS INC.

ROUX

Compiled by: M.S.	Date: 3/26/2025	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	5
Project Mgr: M.S.	Project: 3113.0001Y000	
File: 3113.0001Y217.01.DWG		

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APPENDICES

A. Laboratory Data
B. Data Usability Summary Report (DUSR)
C. Groundwater Monitoring Field Forms

APPENDIX A

Laboratory Data

ANALYTICAL REPORT

Lab Number:	L2465904
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Matthew Smith
Phone:	(631) 630-2392
Project Name:	1000 TURK HILL RD
Project Number:	3113.0001Y000
Report Date:	11/27/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2465904-01	MW-28S	WATER	FAIRPORT, NY	11/11/24 11:15	11/11/24
L2465904-02	MW-29S	WATER	FAIRPORT, NY	11/11/24 12:45	11/11/24
L2465904-03	BLIND DUPLICATE	WATER	FAIRPORT, NY	11/11/24 11:30	11/11/24
L2465904-04	MW-2M	WATER	FAIRPORT, NY	11/11/24 14:30	11/11/24
L2465904-05	MW-2D	WATER	FAIRPORT, NY	11/11/24 13:30	11/11/24
L2465904-06	MW-3S	WATER	FAIRPORT, NY	11/11/24 12:30	11/11/24
L2465904-07	MW-10S	WATER	FAIRPORT, NY	11/11/24 14:00	11/11/24

Project Name:	1000 TURK HILL RD	**Lab Number:**	L2465904
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	1000 TURK HILL RD	**Lab Number:**	L2465904
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

Case Narrative (continued)

Report Submission

November 18, 2024: 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 Dissolved Gases 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.

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: Cristin Walker

Title: Technical Director/Representative Date: 11/27/24

ORGANICS

VOLATILES

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-01
Client ID: MW-28S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 11:15
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 12:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2465904

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-01 Date Collected: 11/11/24 11:15

Client ID: MW-28S Date Received: 11/11/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-01
Client ID: MW-28S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 11:15
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-01
Client ID: MW-28S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 11:15
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 12:58
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	59.8		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-02
Client ID: MW-29S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 12:45
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:15
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.49	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2465904

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-02 Date Collected: 11/11/24 12:45

Client ID: MW-29S Date Received: 11/11/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.82		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.77	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.77	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-02
Client ID: MW-29S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 12:45
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-02
Client ID: MW-29S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 12:45
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 13:15
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	82.4		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-03
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 11:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 13:41
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-03
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 11:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-03
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 11:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	102		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-03
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 11:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 13:33
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	57.5		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-04
Client ID: MW-2M
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 14:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:06
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.74	J	ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2465904

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-04 Date Collected: 11/11/24 14:30

Client ID: MW-2M Date Received: 11/11/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	54		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	22		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	23	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-04
Client ID: MW-2M
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 14:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-04
Client ID: MW-2M
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 14:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 13:51
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	13.2		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-05
Client ID: MW-2D
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 13:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:32
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2465904

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-05 Date Collected: 11/11/24 13:30

Client ID: MW-2D Date Received: 11/11/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	23		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.8		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	3.8		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-05
Client ID: MW-2D
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 13:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	104		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-05
Client ID: MW-2D
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 13:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 10:44
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	33.7		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-06
Client ID: MW-3S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 12:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 14:57
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2465904

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-06 Date Collected: 11/11/24 12:30

Client ID: MW-3S Date Received: 11/11/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	5.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-06
Client ID: MW-3S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 12:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	103		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-06
Client ID: MW-3S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 12:30
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 14:08
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	31.5		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-07
Client ID: MW-10S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/15/24 15:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	1.3	J	ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-07
Client ID: MW-10S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.76	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.76	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	27		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-07
Client ID: MW-10S
Sample Location: FAIRPORT, NY
Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	1.2	J	ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	2.35	J	ug/l			1
Unknown Benzene	2.35	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	103		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-07
Client ID: MW-10S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 14:26
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	93.6		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998036-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
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	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998036-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998036-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/15/24 09:50
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998036-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	104		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 11/16/24 10:28
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-07 Batch: WG1998340-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998036-3 WG1998036-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	99		100		70-130	1		20
Carbon tetrachloride	86		94		63-132	9		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		98		63-130	2		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	98		94		70-130	4		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	70		94		62-150	**29**	Q	20
1,2-Dichloroethane	93		100		70-130	7		20
1,1,1-Trichloroethane	90		95		67-130	5		20
Bromodichloromethane	92		98		67-130	6		20
trans-1,3-Dichloropropene	96		100		70-130	4		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
1,1-Dichloropropene	98		99		70-130	1		20
Bromoform	92		95		54-136	3		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	110		100		70-130	10		20
Toluene	100		99		70-130	1		20
Ethylbenzene	98		100		70-130	2		20
Chloromethane	**56**	Q	76		64-130	**30**	Q	20
Bromomethane	**22**	Q	**38**	Q	39-139	**53**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998036-3 WG1998036-4								
Vinyl chloride	66		88		55-140	**29**	Q	20
Chloroethane	81		120		55-138	**39**	Q	20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	95		95		70-130	0		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	99		99		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	99		100		63-130	1		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	99		100		64-130	1		20
Acrylonitrile	94		100		70-130	6		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	50		68		36-147	**31**	Q	20
Acetone	80		110		58-148	**32**	Q	20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	86		110		63-138	**24**	Q	20
Vinyl acetate	81		100		70-130	**21**	Q	20
4-Methyl-2-pentanone	100		110		59-130	10		20
2-Hexanone	86		110		57-130	**24**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998036-3 WG1998036-4								
Bromochloromethane	110		100		70-130	10		20
2,2-Dichloropropane	90		94		63-133	4		20
1,2-Dibromoethane	100		110		70-130	10		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	95		95		64-130	0		20
Bromobenzene	97		97		70-130	0		20
n-Butylbenzene	99		100		53-136	1		20
sec-Butylbenzene	98		98		70-130	0		20
tert-Butylbenzene	95		95		70-130	0		20
o-Chlorotoluene	94		98		70-130	4		20
p-Chlorotoluene	94		98		70-130	4		20
1,2-Dibromo-3-chloropropane	88		90		41-144	2		20
Hexachlorobutadiene	94		94		63-130	0		20
Isopropylbenzene	96		96		70-130	0		20
p-Isopropyltoluene	98		97		70-130	1		20
Naphthalene	100		100		70-130	0		20
n-Propylbenzene	98		99		69-130	1		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	100		99		70-130	1		20
1,3,5-Trimethylbenzene	94		97		64-130	3		20
1,2,4-Trimethylbenzene	95		97		70-130	2		20
1,4-Dioxane	108		112		56-162	4		20
p-Diethylbenzene	96		94		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998036-3 WG1998036-4								
p-Ethyltoluene	97		98		70-130	1		20
1,2,4,5-Tetramethylbenzene	94		96		70-130	2		20
Ethyl ether	94		110		59-134	16		20
trans-1,4-Dichloro-2-butene	75		100		70-130	**29**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		109		70-130
Toluene-d8	99		101		70-130
4-Bromofluorobenzene	94		100		70-130
Dibromofluoromethane	100		101		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-07 Batch: WG1998340-2								
Carbon Dioxide	88		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998036-6 WG1998036-7 QC Sample: L2465904-05 Client ID: MW-2D												
Methylene chloride	ND	10	7.7	77		7.4	74		70-130	4		20
1,1-Dichloroethane	ND	10	8.2	82		8.2	82		70-130	0		20
Chloroform	ND	10	7.9	79		10	100		70-130	**23**	Q	20
Carbon tetrachloride	ND	10	7.5	75		8.6	86		63-132	14		20
1,2-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
Dibromochloromethane	ND	10	9.9	99		9.6	96		63-130	3		20
1,1,2-Trichloroethane	ND	10	11	110		11	110		70-130	0		20
Tetrachloroethene	ND	10	10	100		9.4	94		70-130	6		20
Chlorobenzene	ND	10	10	100		9.8	98		75-130	2		20
Trichlorofluoromethane	ND	10	7.6	76		7.3	73		62-150	4		20
1,2-Dichloroethane	ND	10	10	100		9.8	98		70-130	2		20
1,1,1-Trichloroethane	ND	10	7.6	76		9.3	93		67-130	20		20
Bromodichloromethane	ND	10	9.7	97		9.5	95		67-130	2		20
trans-1,3-Dichloropropene	ND	10	9.4	94		9.1	91		70-130	3		20
cis-1,3-Dichloropropene	ND	10	9.1	91		8.9	89		70-130	2		20
1,1-Dichloropropene	ND	10	7.9	79		9.6	96		70-130	19		20
Bromoform	ND	10	8.9	89		8.9	89		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	10	8.2	82		8.0	80		67-130	2		20
Benzene	ND	10	11	110		10	100		70-130	10		20
Toluene	ND	10	10	100		9.5	95		70-130	5		20
Ethylbenzene	ND	10	9.9	99		9.2	92		70-130	7		20
Chloromethane	ND	10	5.8	**58**	Q	6.2	**62**	Q	64-130	7		20
Bromomethane	ND	10	2.2J	**22**	Q	2.6	**26**	Q	39-139	17		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998036-6 WG1998036-7 QC Sample: L2465904-05 Client ID: MW-2D												
Vinyl chloride	ND	10	7.0	70		7.0	70		55-140	0		20
Chloroethane	ND	10	7.6	76		7.4	74		55-138	3		20
1,1-Dichloroethene	ND	10	7.5	75		7.3	73		61-145	3		20
trans-1,2-Dichloroethene	ND	10	8.0	80		7.8	78		70-130	3		20
Trichloroethene	23	10	32	90		32	90		70-130	0		20
1,2-Dichlorobenzene	ND	10	10	100		9.6	96		70-130	4		20
1,3-Dichlorobenzene	ND	10	9.7	97		9.4	94		70-130	3		20
1,4-Dichlorobenzene	ND	10	9.8	98		9.4	94		70-130	4		20
Methyl tert butyl ether	ND	10	7.7	77		7.6	76		63-130	1		20
p/m-Xylene	ND	20	20	100		19	95		70-130	5		20
o-Xylene	ND	20	20	100		19	95		70-130	5		20
cis-1,2-Dichloroethene	3.8	10	11	72		15	112		70-130	**31**	Q	20
Dibromomethane	ND	10	11	110		10	100		70-130	10		20
1,2,3-Trichloropropane	ND	10	8.0	80		8.0	80		64-130	0		20
Acrylonitrile	ND	10	8.0	80		8.9	89		70-130	11		20
Styrene	ND	20	20	100		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	5.2	52		5.1	51		36-147	2		20
Acetone	ND	10	8.0	80		8.5	85		58-148	6		20
Carbon disulfide	ND	10	7.6	76		7.3	73		51-130	4		20
2-Butanone	ND	10	8.4	84		9.4	94		63-138	11		20
Vinyl acetate	ND	10	7.4	74		7.3	73		70-130	1		20
4-Methyl-2-pentanone	ND	10	10	100		10	100		59-130	0		20
2-Hexanone	ND	10	9.1	91		9.4	94		57-130	3		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998036-6 WG1998036-7 QC Sample: L2465904-05 Client ID: MW-2D												
Bromochloromethane	ND	10	7.6	76		11	110		70-130	**37**	Q	20
2,2-Dichloropropane	ND	10	6.4	64		7.9	79		63-133	**21**	Q	20
1,2-Dibromoethane	ND	10	11	110		10	100		70-130	10		20
1,3-Dichloropropane	ND	10	11	110		10	100		70-130	10		20
1,1,1,2-Tetrachloroethane	ND	10	9.7	97		9.5	95		64-130	2		20
Bromobenzene	ND	10	9.6	96		6.8	**68**	Q	70-130	**34**	Q	20
n-Butylbenzene	ND	10	9.5	95		8.8	88		53-136	8		20
sec-Butylbenzene	ND	10	9.5	95		6.8	**68**	Q	70-130	**33**	Q	20
tert-Butylbenzene	ND	10	7.1	71		6.6	**66**	Q	70-130	7		20
o-Chlorotoluene	ND	10	7.2	72		6.8	**68**	Q	70-130	6		20
p-Chlorotoluene	ND	10	7.2	72		6.9	**69**	Q	70-130	4		20
1,2-Dibromo-3-chloropropane	ND	10	7.1	71		7.0	70		41-144	1		20
Hexachlorobutadiene	ND	10	6.6	66		6.3	63		63-130	5		20
Isopropylbenzene	ND	10	9.2	92		8.7	87		70-130	6		20
p-Isopropyltoluene	ND	10	9.3	93		8.8	88		70-130	6		20
Naphthalene	ND	10	7.7	77		7.8	78		70-130	1		20
n-Propylbenzene	ND	10	7.8	78		6.8	**68**	Q	69-130	14		20
1,2,3-Trichlorobenzene	ND	10	7.7	77		7.5	75		70-130	3		20
1,2,4-Trichlorobenzene	ND	10	7.1	71		7.0	70		70-130	1		20
1,3,5-Trimethylbenzene	ND	10	7.3	73		7.0	70		64-130	4		20
1,2,4-Trimethylbenzene	ND	10	7.2	72		6.8	**68**	Q	70-130	6		20
1,4-Dioxane	ND	500	650	130		710	142		56-162	9		20
p-Diethylbenzene	ND	10	9.1	91		8.9	89		70-130	2		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998036-6 WG1998036-7 QC Sample: L2465904-05 Client ID: MW-2D												
p-Ethyltoluene	ND	10	7.2	72		6.8	**68**	Q	70-130	6		20
1,2,4,5-Tetramethylbenzene	ND	10	7.0	70		7.2	72		70-130	3		20
Ethyl ether	ND	10	7.7	77		7.7	77		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	5.6	**56**	Q	6.3	**63**	Q	70-130	12		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		100		70-130
4-Bromofluorobenzene	90		71		70-130
Dibromofluoromethane	74		101		70-130
Toluene-d8	98		97		70-130

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-07 QC Batch ID: WG1998340-4 WG1998340-5 QC Sample: L2465904-05 Client ID: MW-2D												
Carbon Dioxide	33.7	12	45.6	99		44.0	86		80-120	4		25

INORGANICS
&
MISCELLANEOUS

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-01
Client ID: MW-28S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 11:15
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 06:24	121,4500NO3-F	KAF
Sulfate	39.		mg/l	10	1.4	1	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	2.1		mg/l	0.50	0.10	1	-	11/15/24 06:19	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-02
Client ID: MW-29S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 12:45
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 06:25	121,4500NO3-F	KAF
Sulfate	62.		mg/l	25	3.4	2.5	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	32		mg/l	5.0	0.97	10	-	11/15/24 06:54	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-03
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 11:30
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 06:26	121,4500NO3-F	KAF
Sulfate	40.		mg/l	25	3.4	2.5	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	2.0		mg/l	0.50	0.10	1	-	11/15/24 07:32	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-04
Client ID: MW-2M
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 14:30
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 06:28	121,4500NO3-F	KAF
Sulfate	76.		mg/l	50	6.8	5	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	3.3		mg/l	0.50	0.10	1	-	11/15/24 08:10	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-05
Client ID: MW-2D
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 13:30
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	1.9		mg/l	0.10	0.046	1	-	11/16/24 06:29	121,4500NO3-F	KAF
Sulfate	520		mg/l	500	68.	50	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	0.78		mg/l	0.50	0.10	1	-	11/15/24 12:10	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-06
Client ID: MW-3S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 12:30
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	0.66		mg/l	0.10	0.046	1	-	11/16/24 06:35	121,4500NO3-F	KAF
Sulfate	160		mg/l	100	14.	10	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	1.4		mg/l	0.50	0.10	1	-	11/15/24 09:16	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2465904-07
Client ID: MW-10S
Sample Location: FAIRPORT, NY

Date Collected: 11/11/24 14:00
Date Received: 11/11/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 06:36	121,4500NO3-F	KAF
Sulfate	2.2	J	mg/l	10	1.4	1	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW
Total Organic Carbon	480		mg/l	100	19.	200	-	11/15/24 12:34	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

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): 01-07 Batch: WG1997768-1										
Total Organic Carbon	ND		mg/l	0.50	0.10	1	-	11/15/24 03:14	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1998247-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/16/24 04:23	121,4500NO3-F	KAF
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1998541-1										
Sulfate	1.8	J	mg/l	10	1.4	1	11/17/24 14:30	11/17/24 14:30	121,4500SO4-E	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1997768-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1998247-2								
Nitrogen, Nitrate/Nitrite	102		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1998541-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1997768-4 QC Sample: L2465904-05 Client ID: MW-2D												
Total Organic Carbon	0.78	16	16	94		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998247-4 QC Sample: L2465904-05 Client ID: MW-2D												
Nitrogen, Nitrate/Nitrite	1.9	4	5.8	98		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998541-4 QC Sample: L2465904-05 Client ID: MW-2D												
Sulfate	520	2000	2500	100		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2465904

Report Date: 11/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1997768-3 QC Sample: L2465904-05 Client ID: MW-2D						
Total Organic Carbon	0.78	0.79	mg/l	1		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998247-3 QC Sample: L2465904-05 Client ID: MW-2D						
Nitrogen, Nitrate/Nitrite	1.9	1.9	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998541-3 QC Sample: L2465904-05 Client ID: MW-2D						
Sulfate	520	540	mg/l	4		14

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

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(*)
L2465904-01A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-01B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-01C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-01D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-01E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-01F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-01G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-01H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-01I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-01J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-01K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-01L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-02A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-02B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-02C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-02D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-02E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-02F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-02G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-02H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-02I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-02J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-02K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465904-02L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-03A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-03B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-03C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-03D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-03E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-03F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-03G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-03H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-03I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-03J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-03K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-03L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-04A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-04B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-04C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-04D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-04E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-04F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-04G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-04H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-04I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-04J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-04K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-04L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-05A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05A1	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05A2	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465904-05B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05B1	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05B2	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05C1	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05C2	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-05D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05D1	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05D2	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05E1	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05E2	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-05F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05F1	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05F2	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05G1	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05G2	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05H1	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05H2	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-05I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05I1	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05I2	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05J1	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05J2	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-05K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465904-05K1	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-05K2	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-05L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-05L1	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-05L2	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-06A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-06B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-06C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-06D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-06E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-06F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-06G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-06H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-06I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-06J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-06K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)
L2465904-06L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)
L2465904-07A	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-07B	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-07C	Vial HCl preserved	A	NA		2.1	Y	Absent		NYTCL-8260(14)
L2465904-07D	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-07E	Vial HCl preserved	A	N/A	N/A	2.1	Y	Absent		SUB-DISSGAS(14)
L2465904-07F	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-07G	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-07H	Vial H2SO4 preserved	A	NA		2.1	Y	Absent		TOC-9060(28)
L2465904-07I	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-07J	Vial unpreserved 20ml	A	NA		2.1	Y	Absent		DISSGAS-CO2(7)
L2465904-07K	Plastic 250ml unpreserved	A	7	7	2.1	Y	Absent		SO4-4500(28)

*Values in parentheses indicate holding time in days

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2465904-07L	Plastic 250ml H2SO4 preserved	A	<2	<2	2.1	Y	Absent		NO3/NO2-4500(28)

*Values in parentheses indicate holding time in days

Project Name:	1000 TURK HILL RD	**Lab Number:**	L2465904
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

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:	1000 TURK HILL RD	**Lab Number:**	L2465904
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

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:	1000 TURK HILL RD	**Lab Number:**	L2465904
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

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: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2465904
Report Date: 11/27/24

REFERENCES

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

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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.

Serial_No:11272411:00

L2465904 18NOV24
ROUX – NY

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 11/12/24

Westborough, MA 01581, 8 Walkup Dr., TEL: 508-898-9220, FAX: 508-898-9193
Mansfield, MA 02048, 320 Forbes Blvd, TEL: 508-822-9300, FAX: 508-822-3288

Project Information

Project Name: 1000 Turk Hill Rd
Project Location: Fairport, NY
Project # 3113.00014000
(Use Project name as Project #) ☐
Project Manager: Matt Smith
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information

Client: Roux
Address: 252 W 37th St, New York, New York
Phone: 716-713-3937
Fax:
Email: masmith@rouxinc.com

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility: ☐ NJ ☐ NY ☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Short Hold Time

Please specify Metals or TAL.

Sample Filtration

☐ Done
☐ Lab to do

Preservation

☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260+TICs	Methane, Ethane	Ethene	Total Organic Carbon	Nitrate/Nitrite	Sulfate	Carbon Dioxide		Sample Specific Comments	Total Bottles
65904-01	MW-28S	11/11/24	11:15	AQ	MV	X	X	X	X	X	X	X			
-02	MW-29S		12:45		MV	X	X	X	X	X	X	X			
-03	Blind Duplicate		11:30		MV	X	X	X	X	X	X	X			
-04	MW-2M		1430		NAS	X	X	X	X	X	X	X			
-05	MW-2D		13:30		NAS	X	X	X	X	X	X	X		MS/MSD	
-06	MW-3S		12:30		NAS	X	X	X	X	X	X	X			
-07	MW-10S	11/11/24	14:00	AQ	MV	X	X	X	X	X	X	X			

Preservative Code	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/11/24 14:35	NSMI-Pace	11/11/24 14:35
NSMI-Pace	11/11/24 16:30	Roch, NY	11/11/24 16:30
Russell [signature]	11-11-24 18:20	[signature]	
[signature]	0030	[signature]	11/12/24 0030

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

con-test®
A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 26, 2024

Jennifer Byrnes
Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581

Project Location: NY
Client Job Number:
Project Number: L2465904
Laboratory Work Order Number: 24K1125

Enclosed are results of analyses for samples as received by the laboratory on November 14, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Faust
Project Manager

Table of Contents

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581
ATTN: Jennifer Byrnes

REPORT DATE: 11/26/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2465904

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1125

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-28S	24K1125-01	Water		RSK175	
MW-29S	24K1125-02	Water		RSK175	
BLIND DUPLICATE	24K1125-03	Water		RSK175	
MW-2M	24K1125-04	Water		RSK175	
MW-2D	24K1125-05	Water		RSK175	
MW-3S	24K1125-06	Water		RSK175	
MW-10S	24K1125-07	Water		RSK175	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT: Updated project number. 11/26/24

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Rebecca Faust
Project Manager 1

con-test® A Pace Analytical® Laboratory

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-28S | Sampled: 11/11/2024 11:15

Sample ID: 24K1125-01

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 9:45	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 9:45	TPH
Methane	0.0040	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 9:45	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-29S | Sampled: 11/11/2024 12:45

Sample ID: 24K1125-02

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0039	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 9:53	TPH
Ethene	0.0021	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 9:53	TPH
Methane	0.82	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 9:53	TPH

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Project Location: NY Sample Description: Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: BLIND DUPLICATE Sampled: 11/11/2024 11:30

Sample ID: 24K1125-03

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:08	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:08	TPH
Methane	0.0032	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:08	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-2M | Sampled: 11/11/2024 14:30

Sample ID: 24K1125-04

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:17	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:17	TPH
Methane	0.0024	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:17	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-2D | Sampled: 11/11/2024 13:30

Sample ID: 24K1125-05

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH
Methane	ND	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-3S | Sampled: 11/11/2024 12:30

Sample ID: 24K1125-06

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:50	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:50	TPH
Methane	0.0022	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:50	TPH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-10S | Sampled: 11/11/2024 14:00

Sample ID: 24K1125-07

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:57	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:57	TPH
Methane	16	0.035	0.0050	mg/L	5		RSK175	11/20/24	11/20/24 11:04	TPH

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Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:RSK175**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1125-01 [MW-28S]	B392738	1	1.00	11/20/24
24K1125-02 [MW-29S]	B392738	1	1.00	11/20/24
24K1125-03 [BLIND DUPLICATE]	B392738	1	1.00	11/20/24
24K1125-04 [MW-2M]	B392738	1	1.00	11/20/24
24K1125-05 [MW-2D]	B392738	1	1.00	11/20/24
24K1125-06 [MW-3S]	B392738	1	1.00	11/20/24
24K1125-07 [MW-10S]	B392738	1	1.00	11/20/24
24K1125-07RE1 [MW-10S]	B392738	0.2	1.00	11/20/24

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392738 - SW-846 5035										
Blank (B392738-BLK1)				Prepared & Analyzed: 11/20/24						
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
LCS (B392738-BS1)				Prepared & Analyzed: 11/20/24						
Ethene	0.26		mg/L	0.3106		84.7	67.6-116			
Methane	0.15		mg/L	0.1780		83.4	73.2-114			
Duplicate (B392738-DUP1)	**Source: 24K1125-02**			Prepared & Analyzed: 11/20/24						
Ethene	0.00204	0.017	mg/L		0.00212			3.85	20	J
Methane	0.796	0.0070	mg/L		0.820			2.99	20	
Matrix Spike (B392738-MS1)	**Source: 24K1125-05**			Prepared & Analyzed: 11/20/24						
Ethene	0.275		mg/L	0.3045	0.00	90.3	0-200			
Methane	0.164		mg/L	0.1747	0.00	93.6	0-200			
Matrix Spike Dup (B392738-MSD1)	**Source: 24K1125-05**			Prepared & Analyzed: 11/20/24						
Ethene	0.270		mg/L	0.3045	0.00	88.7	0-200	1.82		
Methane	0.161		mg/L	0.1747	0.00	92.0	0-200	1.71		

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
RSK175 in Water	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NY	New York State Department of Health	10899 NELAP	04/1/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24K1125RF

ALPHA ANALYTICAL
World Class Chemistry

Subcontract Chain of Custody

Pace New England
39 Spruce St
East Longmeadow, MA 01028

Alpha Job Number
L2465904

Page 1

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 716.427.5228
Email: Jennifer.Byrnes@pacelabs.com

Project Information

Project Location: NY
Project Manager: Jennifer Byrnes

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2465904 Report to include Method and/or Regulatory required batch QC

Additional Comments: DISSGAS: MEE only DISSGAS: MEE only, MS/MSD

Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2465904-01	MW-28S	11-11-24 11:15	WATER	Dissolved Gasses			2
	L2465904-02	MW-29S	11-11-24 12:45	WATER	Dissolved Gasses			2
	L2465904-03	BLIND DUPLICATE	11-11-24 11:30	WATER	Dissolved Gasses			2
	L2465904-04	MW-2M	11-11-24 14:30	WATER	Dissolved Gasses			2
	L2465904-05	MW-2D	11-11-24 13:30	WATER	Dissolved Gasses		MS;MSD	6
	L2465904-06	MW-3S	11-11-24 12:30	WATER	Dissolved Gasses			2
	L2465904-07	MW-10S	11-11-24 14:00	WATER	Dissolved Gasses			2

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	PACE	11/14 0540	PACE	11/14/24 0540
		11/14/24 0915	0.6	11/14/24 8:15
Form No: AL_subcoc				

DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Log In Back-Sheet

Client: Alpha

Project: N/A

MCP/RCP Required: N/A

Deliverable Package Requirement: N/A

Location: NY

PWSID# (When Applicable): N/A

Arrival Method:

Courier [X] Fed Ex [ ] Walk In [ ] Other [ ]

Received By / Date / Time: RL 11/14/24 0815

Back-Sheet By / Date / Time: STM 11/14/24 1931

Temperature Method: Gun # 8

WV samples: Yes (see note*) / (No) (follow normal procedure)

Temp [X] < 6° C Actual Temperature: 0.6

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	[X]	[ ]
Received in Cooler	[X]	[ ]
Custody Seal: DATE TIME	[ ]	[X]
COC Relinquished	[X]	[ ]
COC/Samples Labels Agree	[X]	[ ]
All Samples in Good Condition	[X]	[ ]
Samples Received within Holding Time	[X]	[ ]
Is there enough Volume	[X]	[ ]
Proper Media/Container Used	[X]	[ ]
Splitting Samples Required	[ ]	[X]
MS/MSD	[X]	[ ]
Trip Blanks	[ ]	[X]
Lab to Filters	[ ]	[X]
COC Legible	[X]	[ ]

COC Included: (Check all included)

Client [X] Analysis [X] Sampler Name [ ]

Project [ ] IDs [X] Collection Date/Time [X]

All Samples Proper pH: (N/A) [ ] [ ]

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

Qualtrax ID: 120836

Page 1 of 2

Qualtrax ID: 120836

Page 2 of 2

Sample	Soils Jars (Circle Amb/Clear)				Ambers							Plastics												Other / Fill in					
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter		250mL			100mL	1 Liter		500mL		250mL														
					Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact					
1																								2					
2																								2					
3																								2					
4																								2					
5																								2					
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18																													
19																													
20																													

Page	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Data Package

ANALYTICAL. LIFE. SERVICE.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

December 11, 2024

Jennifer Byrnes
Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581

Project Location: NY
Client Job Number:
Project Number: L2465904
Laboratory Work Order Number: 24K1125

Enclosed are results of analyses for samples as received by the laboratory on November 14, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Faust
Project Manager

Table of Contents

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581
ATTN: Jennifer Byrnes

REPORT DATE: 12/11/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2465904

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1125

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-28S	24K1125-01	Water		RSK175	
MW-29S	24K1125-02	Water		RSK175	
BLIND DUPLICATE	24K1125-03	Water		RSK175	
MW-2M	24K1125-04	Water		RSK175	
MW-2D	24K1125-05	Water		RSK175	
MW-3S	24K1125-06	Water		RSK175	
MW-10S	24K1125-07	Water		RSK175	

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT: Updated project number. 11/26/24
REVISED 12-11-24: QC updated to include ethane.

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Rebecca Faust
Project Manager 1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-28S | Sampled: 11/11/2024 11:15

Sample ID: 24K1125-01

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 9:45	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 9:45	TPH
Methane	0.0040	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 9:45	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-29S | Sampled: 11/11/2024 12:45

Sample ID: 24K1125-02

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0039	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 9:53	TPH
Ethene	0.0021	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 9:53	TPH
Methane	0.82	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 9:53	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: BLIND DUPLICATE | Sampled: 11/11/2024 11:30

Sample ID: 24K1125-03

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:08	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:08	TPH
Methane	0.0032	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:08	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-2M | Sampled: 11/11/2024 14:30

Sample ID: 24K1125-04

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:17	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:17	TPH
Methane	0.0024	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:17	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-2D | Sampled: 11/11/2024 13:30

Sample ID: 24K1125-05

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH
Methane	ND	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 10:28	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-3S | Sampled: 11/11/2024 12:30

Sample ID: 24K1125-06

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:50	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:50	TPH
Methane	0.0022	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 10:50	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1125

Date Received: 11/14/2024

Field Sample #: MW-10S | Sampled: 11/11/2024 14:00

Sample ID: 24K1125-07

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 10:57	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 10:57	TPH
Methane	16	0.035	0.0050	mg/L	5		RSK175	11/20/24	11/20/24 11:04	TPH

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:RSK175**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1125-01 [MW-28S]	B392738	1	1.00	11/20/24
24K1125-02 [MW-29S]	B392738	1	1.00	11/20/24
24K1125-03 [BLIND DUPLICATE]	B392738	1	1.00	11/20/24
24K1125-04 [MW-2M]	B392738	1	1.00	11/20/24
24K1125-05 [MW-2D]	B392738	1	1.00	11/20/24
24K1125-06 [MW-3S]	B392738	1	1.00	11/20/24
24K1125-07 [MW-10S]	B392738	1	1.00	11/20/24
24K1125-07RE1 [MW-10S]	B392738	0.2	1.00	11/20/24

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392738 - SW-846 5035										
Blank (B392738-BLK1)				Prepared & Analyzed: 11/20/24						
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
LCS (B392738-BS1)				Prepared & Analyzed: 11/20/24						
Ethane	0.29		mg/L	0.3332		86.7	73.1-116			
Ethene	0.26		mg/L	0.3106		84.7	67.6-116			
Methane	0.15		mg/L	0.1780		83.4	73.2-114			
Duplicate (B392738-DUP1)	**Source: 24K1125-02**			Prepared & Analyzed: 11/20/24						
Ethane	0.00380	0.014	mg/L		0.00391			2.85	20	J
Ethene	0.00204	0.017	mg/L		0.00212			3.85	20	J
Methane	0.796	0.0070	mg/L		0.820			2.99	20	
Matrix Spike (B392738-MS1)	**Source: 24K1125-05**			Prepared & Analyzed: 11/20/24						
Ethane	0.304		mg/L	0.3268	0.00	92.9	0-200			
Ethene	0.275		mg/L	0.3045	0.00	90.3	0-200			
Methane	0.164		mg/L	0.1747	0.00	93.6	0-200			
Matrix Spike Dup (B392738-MSD1)	**Source: 24K1125-05**			Prepared & Analyzed: 11/20/24						
Ethane	0.298		mg/L	0.3268	0.00	91.1	0-200	2.00		
Ethene	0.270		mg/L	0.3045	0.00	88.7	0-200	1.82		
Methane	0.161		mg/L	0.1747	0.00	92.0	0-200	1.71		

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
RSK175 in Water	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NY	New York State Department of Health	10899 NELAP	04/1/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24K1125RF

Subcontract Chain of Custody

Pace New England
39 Spruce St
East Longmeadow, MA 01028

Alpha Job Number
L2465904

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 716.427.5228
Email: Jennifer.Byrnes@pacelabs.com

Project Information

Project Location: NY
Project Manager: Jennifer Byrnes

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2465904 Report to include Method and/or Regulatory required batch QC

Additional Comments: DISSGAS: MEE only DISSGAS: MEE only, MS/MSD

Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2465904-01	MW-28S	11-11-24 11:15	WATER	Dissolved Gasses			2
	L2465904-02	MW-29S	11-11-24 12:45	WATER	Dissolved Gasses			2
	L2465904-03	BLIND DUPLICATE	11-11-24 11:30	WATER	Dissolved Gasses			2
	L2465904-04	MW-2M	11-11-24 14:30	WATER	Dissolved Gasses			2
	L2465904-05	MW-2D	11-11-24 13:30	WATER	Dissolved Gasses		MS;MSD	6
	L2465904-06	MW-3S	11-11-24 12:30	WATER	Dissolved Gasses			2
	L2465904-07	MW-10S	11-11-24 14:00	WATER	Dissolved Gasses			2

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	PACE	11/14 0540	PACE	11/14/24 0540
		11/14/24 0915	0.6	11/14/24 8:15
Form No: AL_subcoc				

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Log In Back-Sheet

Client Alpha
Project N/A
MCP/RCP Required N/A
Deliverable Package Requirement N/A
Location NY
PWSID# (When Applicable) N/A
Arrival Method:
Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
Received By / Date / Time RL 11/14/24 0815
Back-Sheet By / Date / Time STM 11/14/24 1931
Temperature Method Gun # 8
WV samples: Yes (see note*) / (No) (follow normal procedure)
Temp X < 6° C Actual Temperature 0.6
Rush Samples: Yes / (No) Notify
Short Hold: Yes / (No) Notify

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☒	☐
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client	☒	Analysis	☒	Sampler Name	☐
Project	☐	IDs	☒	Collection Date/Time	☒

All Samples Proper pH: (N/A) ☐ ☐

Notes regarding Samples/COC outside of SOP:

Additional Container Notes

**Note: West Virginia requires all samples to have their temperature taken. Note any outliers.*

Qualtrax ID: 120836

Qualtrax ID: 120836

Sample	Soils Jars (Circle Amb/Clear)				Ambers							Plastics													Other / Fill in						
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	1 Liter			250mL			100mL	1 Liter		500mL		250mL															
					Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact					
1																								2							
2																								2							
3																								2							
4																								2							
5																								2							
6																								2							
7																								2							
8																															
9																															
10																															
11																															
12																															
13																															
14																															
15																															
16																															
17																															
18																															
19																															
20																															

Pace	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

RSK

SAMPLE DATA

1 - FORM I
ANALYSIS DATA SHEET

MW-28S

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-01	File ID:	I24A325004.D
Sampled:	11/11/24 11:15	Prepared:	11/20/24 09:45	Analyzed:	11/20/24 09:45
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane	0.0040	0.0010	0.0070	J

Sample # 24K1125-01 Ph=<2

Temperature (*C)	23.40
Tare weight (g)	25.53
Total weight (g)	68.03
Headspace weight(g)	62.96

Methane Quant	35.831	Methane	0.00402	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Quantitation Report (QT Reviewed)

24

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325004.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:45 am
Operator : TPH
Sample : 24K1125-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:53:01 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

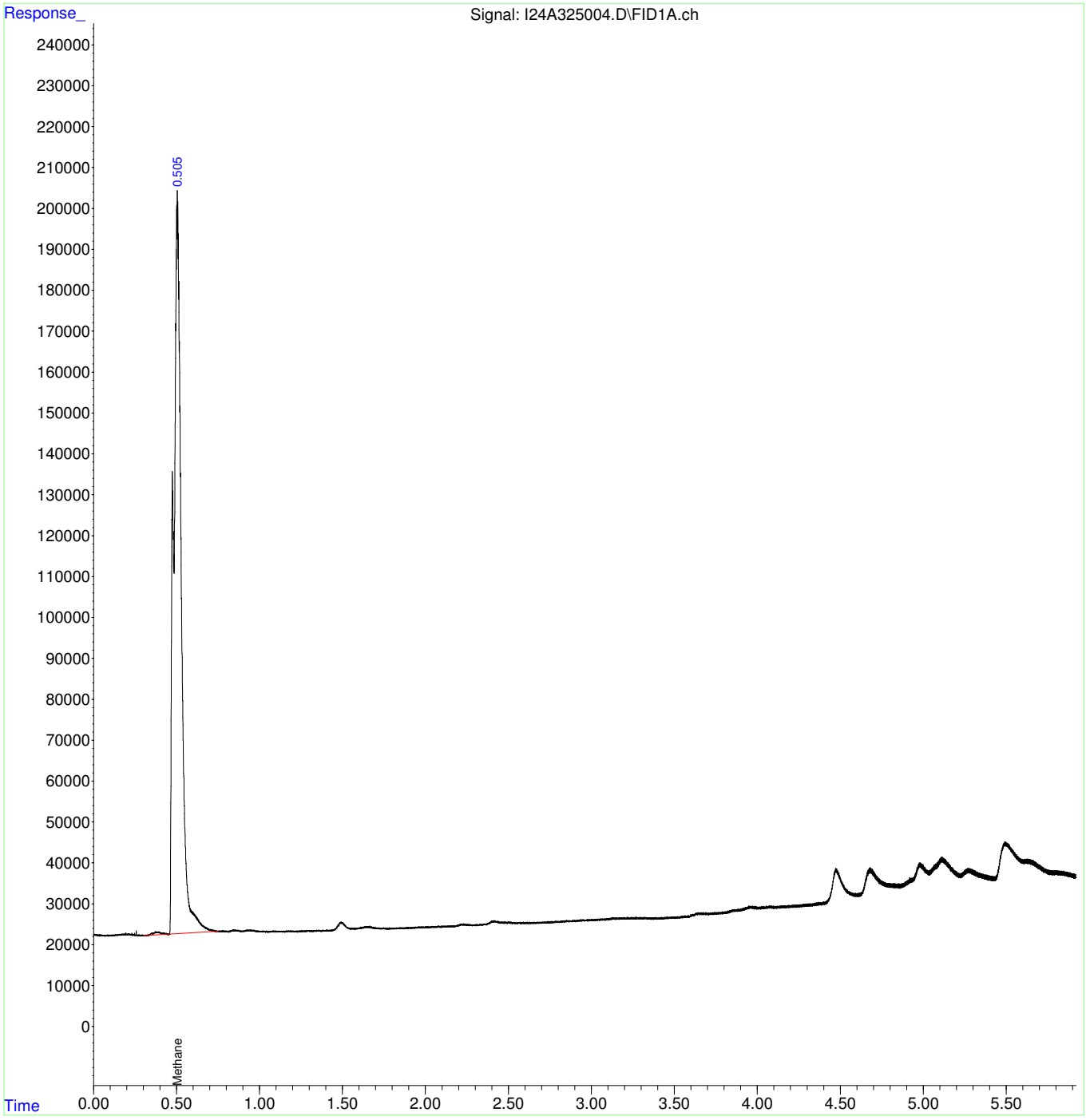
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.506	5858999	35.831 PPMv

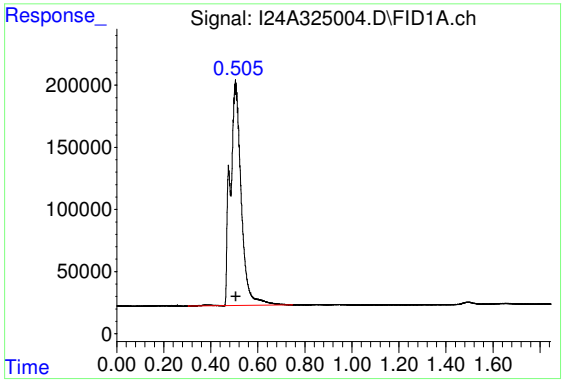
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325004.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:45 am
Operator : TPH
Sample : 24K1125-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:53:01 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.:	0.506 min
Delta R.T.:	0.000 min
Response:	5858999
Conc:	35.83 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-29S

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-02	File ID:	I24A325005.D
Sampled:	11/11/24 12:45	Prepared:	11/20/24 09:53	Analyzed:	11/20/24 09:53
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.0039	0.0013	0.014	J
74-85-1	Ethene	0.0021	0.0018	0.017	J
74-82-8	Methane	0.82	0.0010	0.0070	

Sample # 24K1125-02 Ph=<2

Temperature (*C)	24.00
Tare weight (g)	25.58
Total weight (g)	67.94
Headspace weight(g)	62.93

Methane Quant	7400.416	Methane	0.82032	mg/L
Ethane Quant	17.570	Ethane	0.00391	mg/L
Ethylene Quant	7.279	Ethylene	0.00212	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325005.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:53 am
Operator : TPH
Sample : 24K1125-02 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:01:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

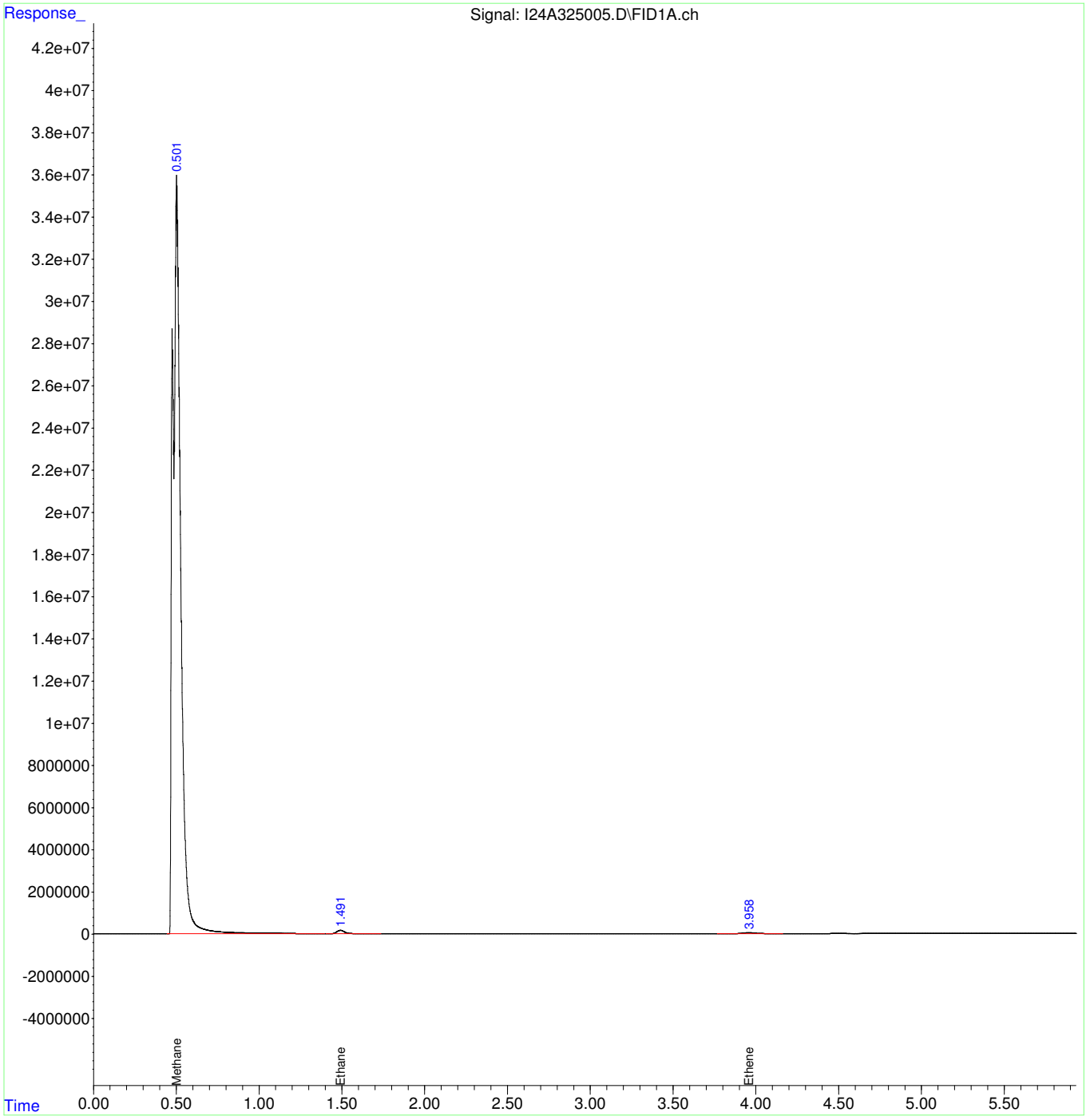
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.503	1210104758	7400.416	PPMv
2) Ethane	1.491	5340334	17.570	PPMv
3) Ethene	3.956	2162779	7.279	PPMv

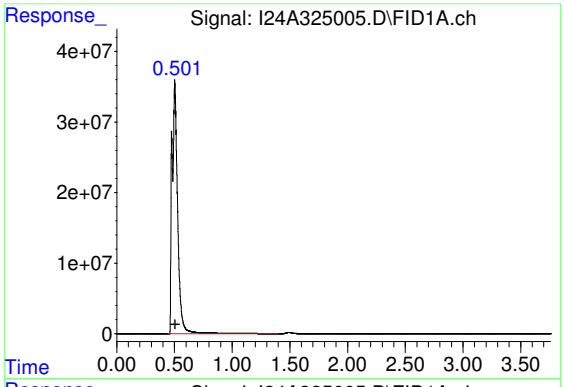
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325005.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:53 am
Operator : TPH
Sample : 24K1125-02 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:01:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

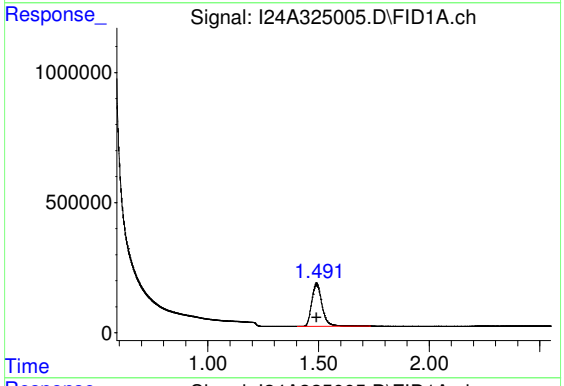
Volume Inj. :
Signal Phase :
Signal Info :





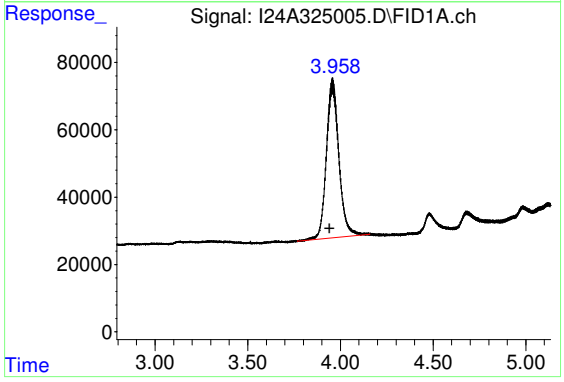
#1 Methane

R.T.: 0.503 min
Delta R.T.: -0.003 min
Response: 1210104758
Conc: 7400.42 PPMv



#2 Ethane

R.T.: 1.491 min
Delta R.T.: 0.000 min
Response: 5340334
Conc: 17.57 PPMv



#3 Ethene

R.T.: 3.956 min
Delta R.T.: 0.016 min
Response: 2162779
Conc: 7.28 PPMv

1 - FORM I
ANALYSIS DATA SHEET

BLIND DUPLICATE

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-03	File ID:	I24A325007.D
Sampled:	11/11/24 11:30	Prepared:	11/20/24 10:08	Analyzed:	11/20/24 10:08
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane	0.0032	0.0010	0.0070	J

Sample # 24K1125-03 Ph=<2

Temperature (*C)	23.30
Tare weight (g)	25.55
Total weight (g)	67.83
Headspace weight(g)	62.74

Methane Quant	28.018	Methane	0.00317	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325007.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:08 am
Operator : TPH
Sample : 24K1125-03 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:17:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

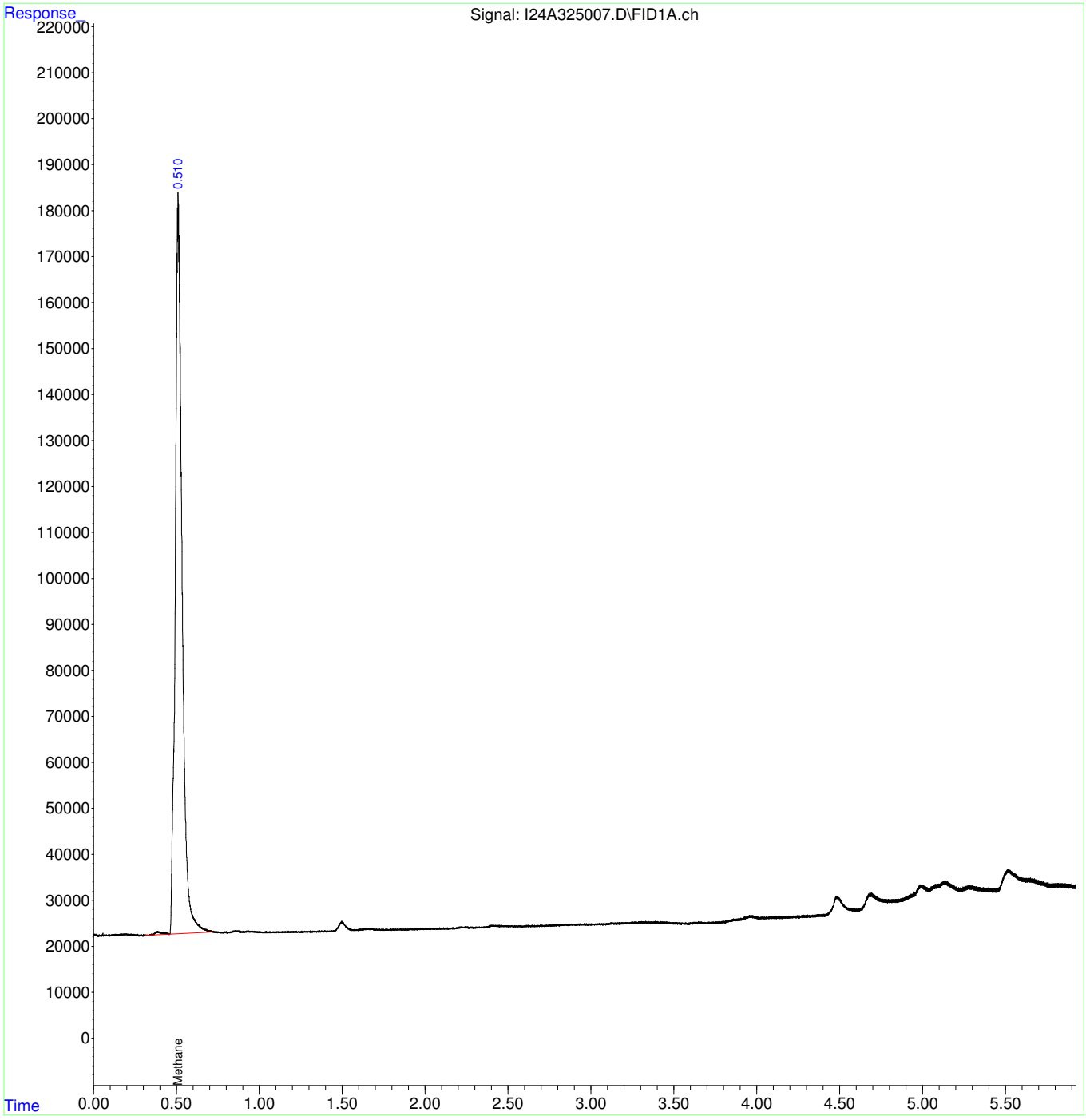
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.511	4581493	28.018	PPMv

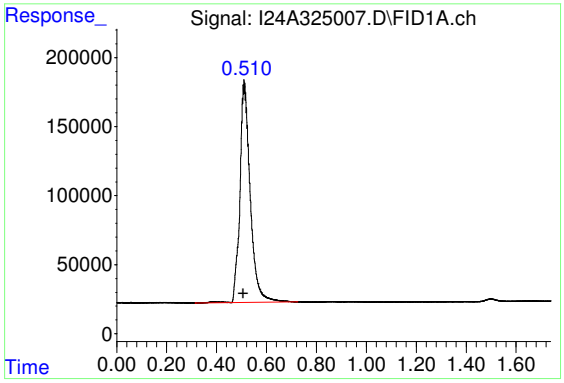
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325007.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:08 am
Operator : TPH
Sample : 24K1125-03 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:17:04 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.:	0.511 min
Delta R.T.:	0.005 min
Response:	4581493
Conc:	28.02 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-2M

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-04	File ID:	I24A325008.D
Sampled:	11/11/24 14:30	Prepared:	11/20/24 10:17	Analyzed:	11/20/24 10:17
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane	0.0024	0.0010	0.0070	J

Sample # 24K1125-04 Ph=<2

Temperature (*C)	23.00
Tare weight (g)	25.44
Total weight (g)	67.91
Headspace weight(g)	63.03

Methane Quant	22.104	Methane	0.00240	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325008.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:17 am
Operator : TPH
Sample : 24K1125-04 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:34:39 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

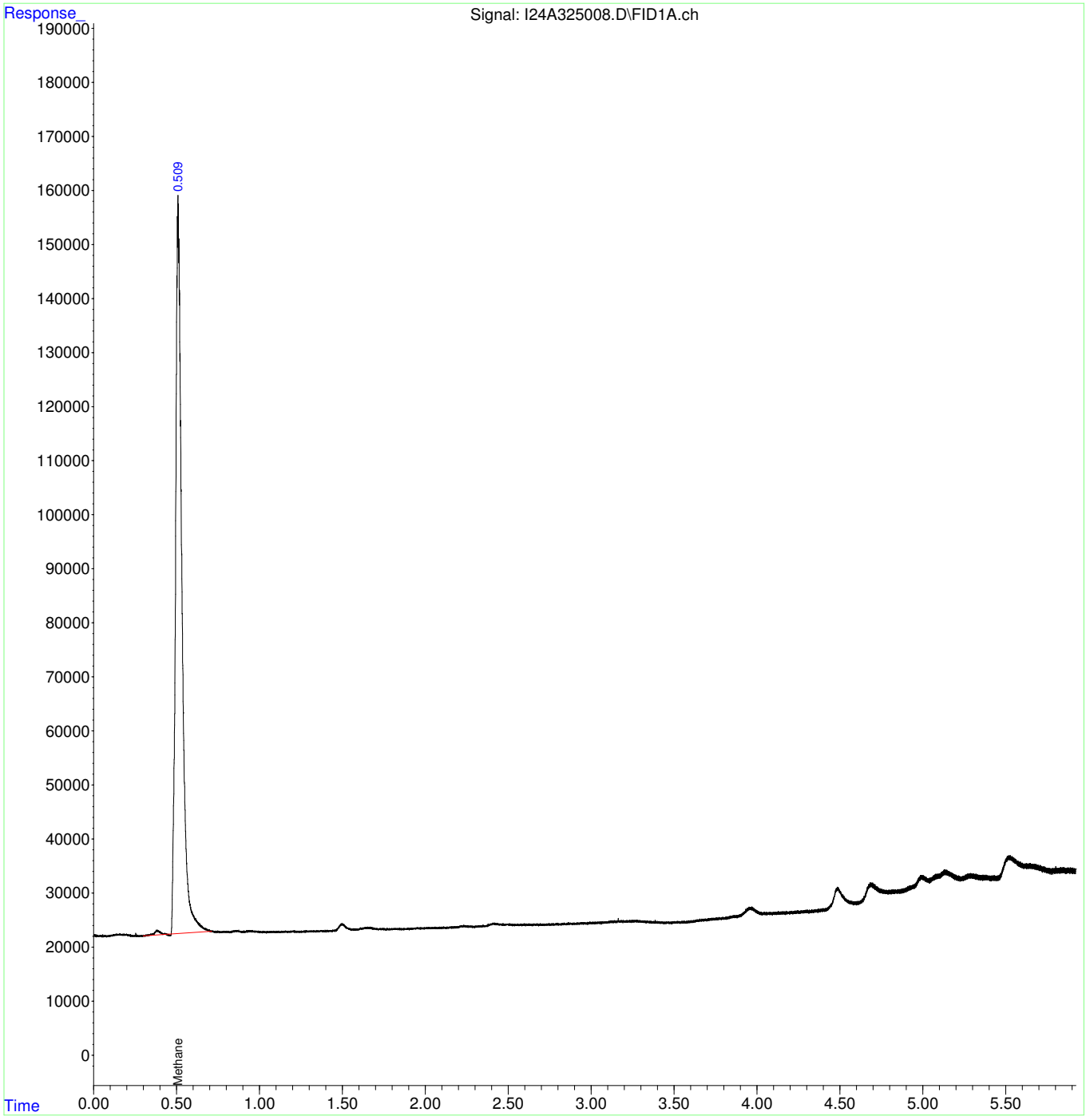
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.511	3614387	22.104 PPMv

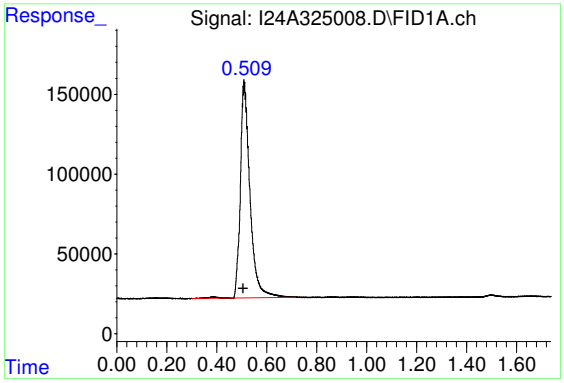
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325008.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:17 am
Operator : TPH
Sample : 24K1125-04 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:34:39 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.: 0.511 min
Delta R.T.: 0.004 min
Response: 3614387
Conc: 22.10 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-2D

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-05	File ID:	I24A325009.D
Sampled:	11/11/24 13:30	Prepared:	11/20/24 10:28	Analyzed:	11/20/24 10:28
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane		0.0010	0.0070	

Sample # 24K1125-05 Ph=<2

Temperature (*C)	22.60
Tare weight (g)	25.48
Total weight (g)	67.59
Headspace weight(g)	62.60

Methane Quant	0.000	Methane	0.00000	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325009.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:28 am
Operator : TPH
Sample : 24K1125-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 9 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:34:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

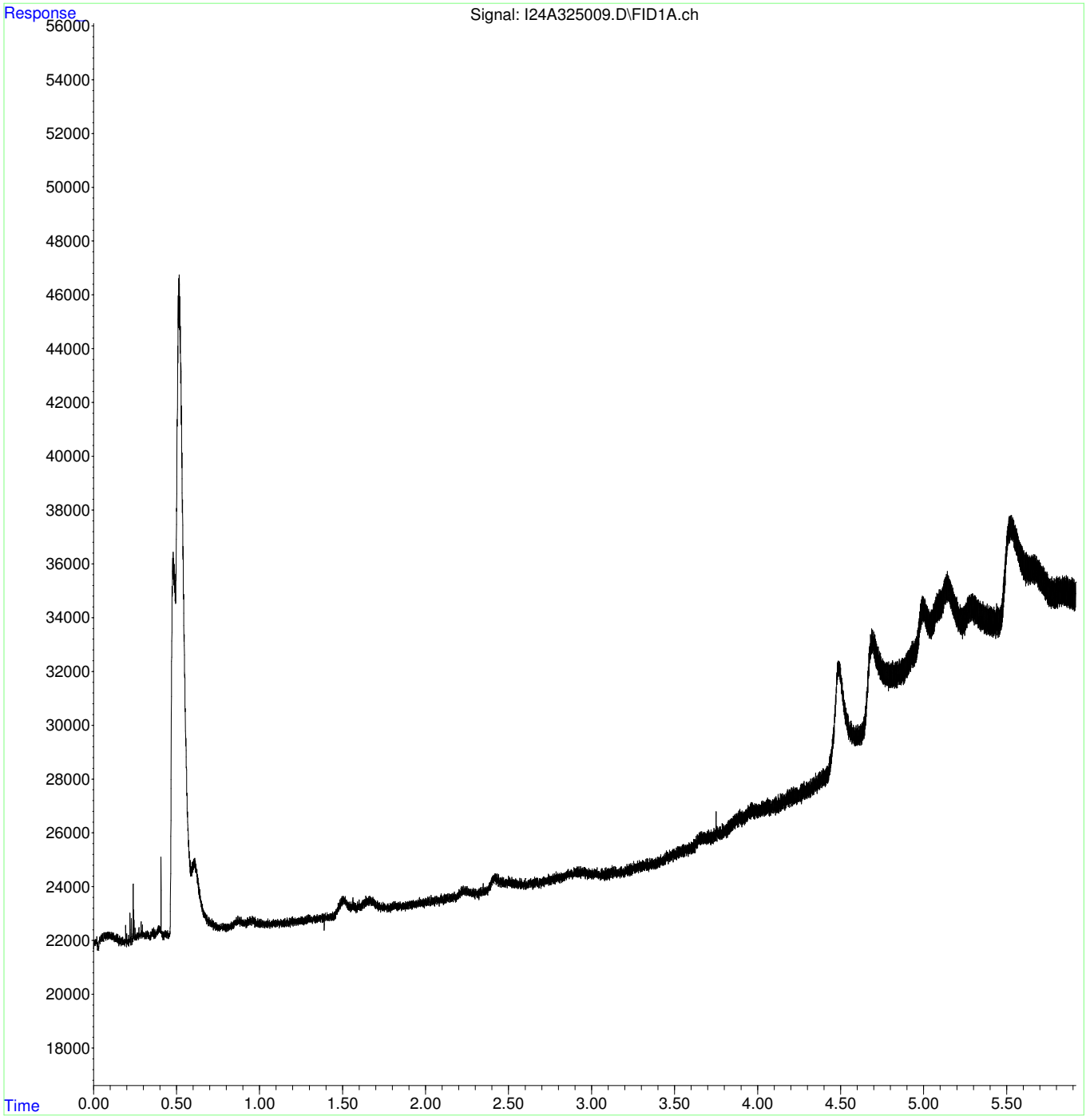
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.516	965779	<MDL	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325009.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:28 am
Operator : TPH
Sample : 24K1125-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 9 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:34:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



1 - FORM I
ANALYSIS DATA SHEET

MW-3S

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-06	File ID:	I24A325012.D
Sampled:	11/11/24 12:30	Prepared:	11/20/24 10:50	Analyzed:	11/20/24 10:50
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane	0.0022	0.0010	0.0070	J

Sample # 24K1125-06 Ph=<2

Temperature (*C)	23.60
Tare weight (g)	25.46
Total weight (g)	68.06
Headspace weight(g)	63.13

Methane Quant	19.855	Methane	0.00216	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325012.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:50 am
Operator : TPH
Sample : 24K1125-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 12 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:22:55 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

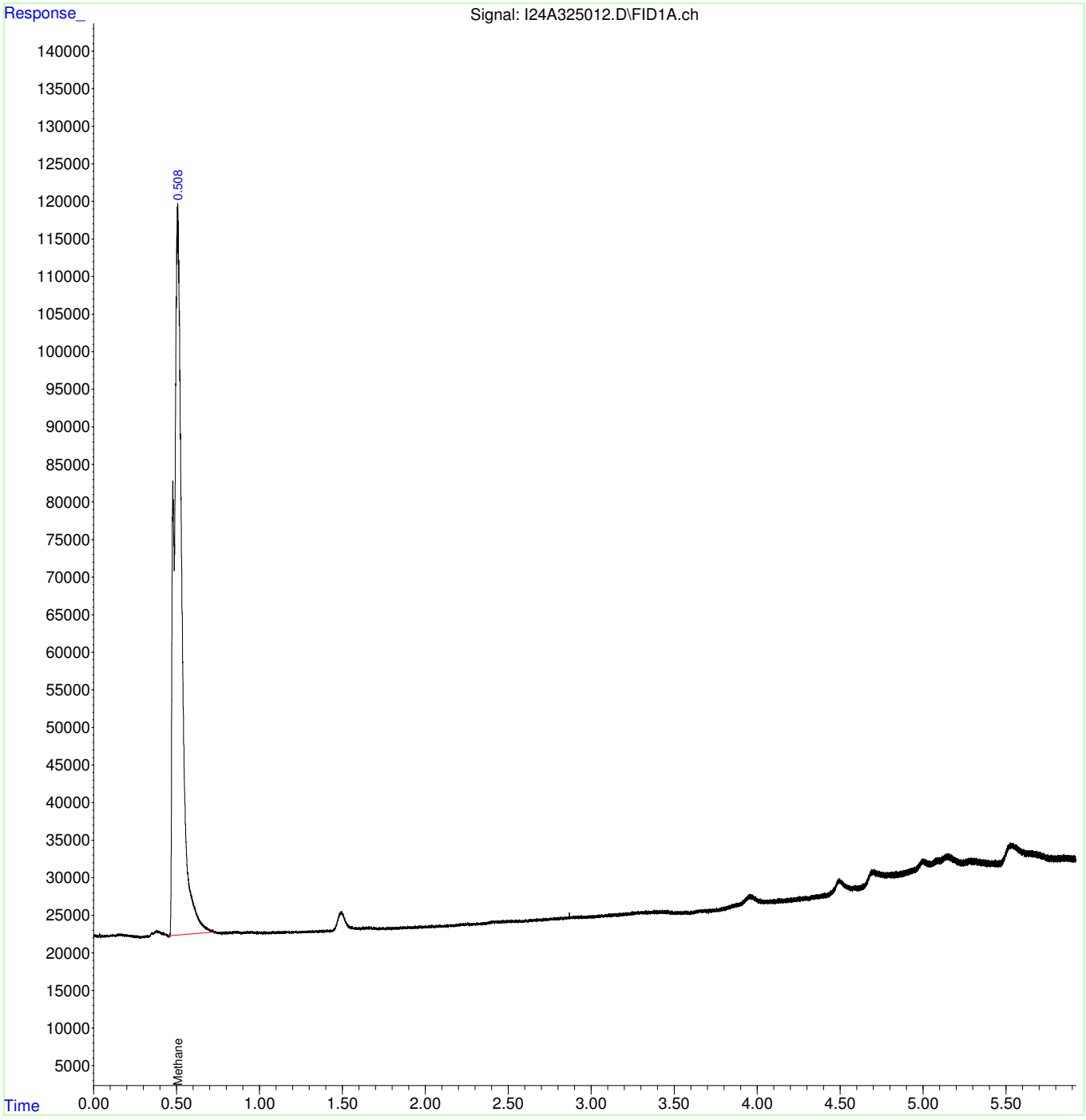
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.508	3246715	19.855 PPMv

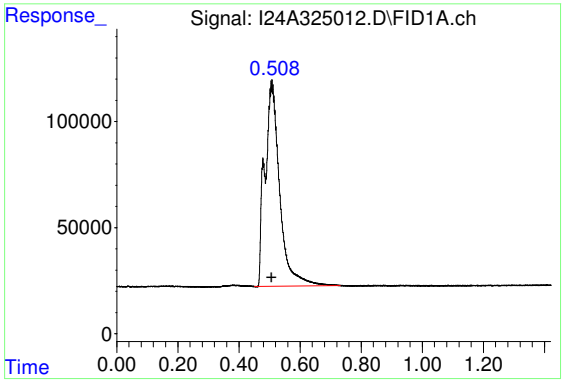
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325012.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:50 am
Operator : TPH
Sample : 24K1125-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 12 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:22:55 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.: 0.508 min
Delta R.T.: 0.001 min
Response: 3246715
Conc: 19.86 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-10S

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-07	File ID:	I24A325013.D
Sampled:	11/11/24 14:00	Prepared:	11/20/24 10:57	Analyzed:	11/20/24 10:57
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	

Sample # 24K1125-07 Ph=<2

Temperature (*C)	23.70
Tare weight (g)	25.78
Total weight (g)	68.30
Headspace weight(g)	63.33

Methane Quant	#########	Methane	16.88111	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325013.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:57 am
Operator : TPH
Sample : 24K1125-07 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 13 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:04:11 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

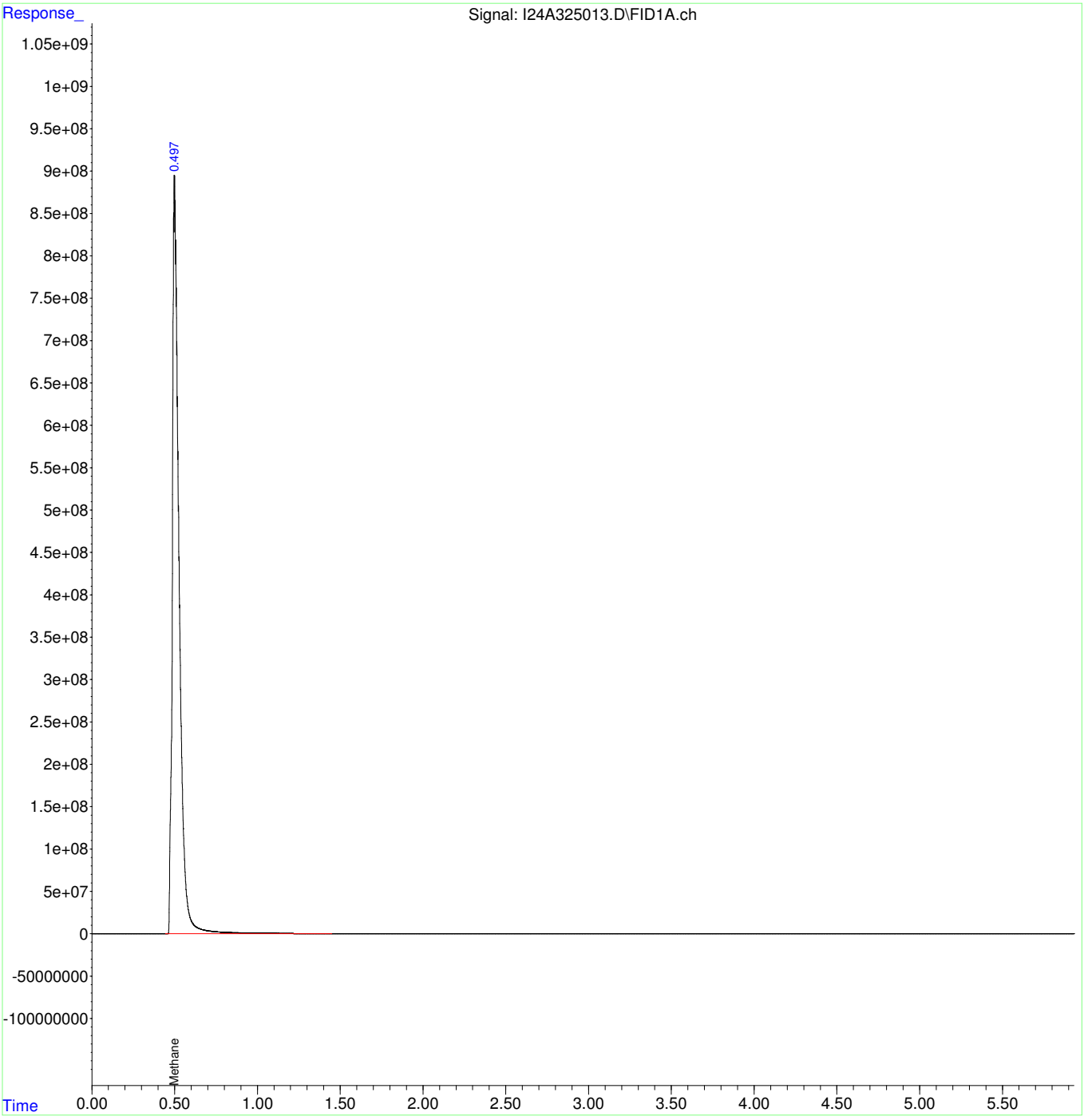
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.501	25117412698	153605.950	PPMv
2) Ethane	1.499	905061	<MDL	PPMv

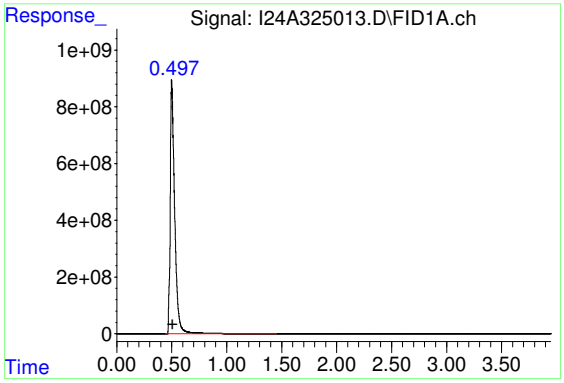
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325013.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:57 am
Operator : TPH
Sample : 24K1125-07 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 13 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:04:11 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.: 0.501 min
Delta R.T.: -0.006 min
Response: 25117412698
Conc: 153605.95 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-10S

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	24K1125-07RE1	File ID:	I24A325014.D
Sampled:	11/11/24 14:00	Prepared:	11/20/24 11:04	Analyzed:	11/20/24 11:04
Solids:		Preparation:	SW-846 5035	Dilution:	5
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-82-8	Methane	16	0.0050	0.035	

Sample # 24K1125-07 5X Ph=<2

Temperature (*C)	23.70
Tare weight (g)	25.78
Total weight (g)	68.30
Headspace weight(g)	63.33

Methane Quant	29484.201	Methane	3.24028	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325014.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:04 am
Operator : TPH
Sample : 24K1125-07 5X Inst : SYSI
Misc : 1,1,0.2,0.04,5X
ALS Vial : 14 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:11:36 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

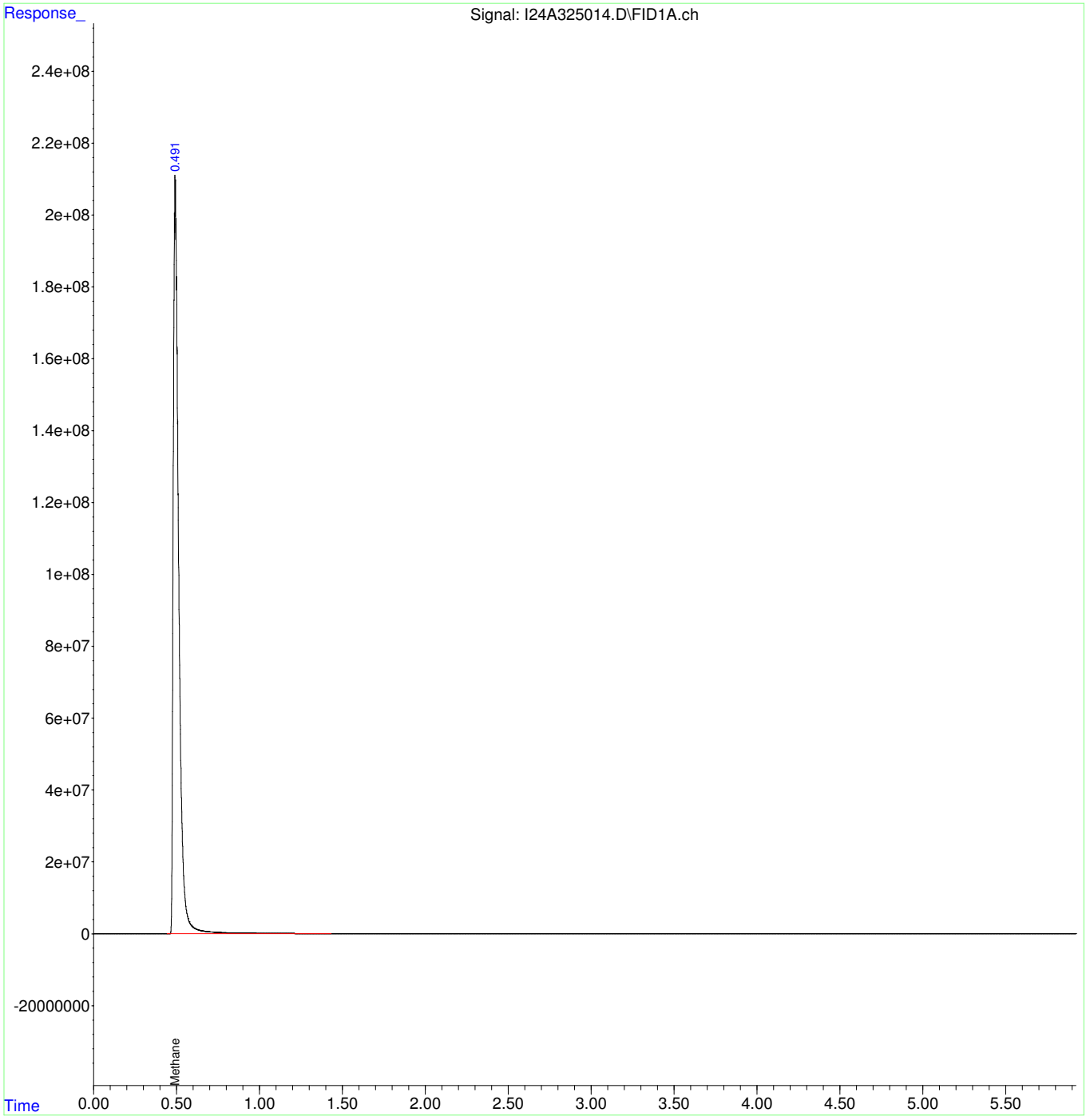
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.494	4821211911	29484.201	PPMv

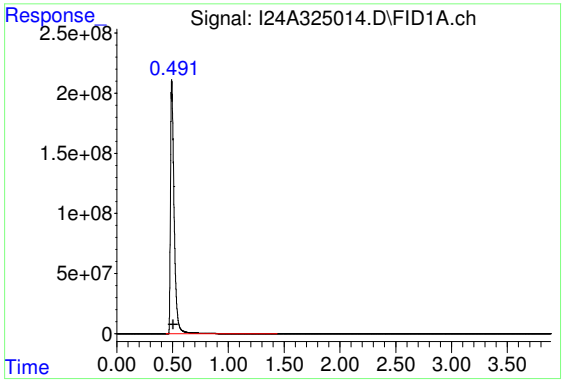
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325014.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:04 am
Operator : TPH
Sample : 24K1125-07 5X Inst : SYSI
Misc : 1,1,0.2,0.04,5X
ALS Vial : 14 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:11:36 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.: 0.494 min
Delta R.T.: -0.013 min
Response: 4821211911
Conc: 29484.20 PPMv

QC DATA

DUPLICATES

MW-29S

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Laboratory ID:	B392738-DUP1
Batch:	B392738	Initial/Final:	1 mL / 1 mL
Preparation:	SW-846 5035	Analysis:	RSK175

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Ethane	0.00391	0.00380 J	2.85		20
Ethene	0.00212	0.00204 J	3.85		20
Methane	0.820	0.796	2.99		20

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-2D

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Analysis:	RSK175
Batch:	B392738	Preparation:	SW-846 5035
% Solids:		Laboratory ID:	B392738-MS1
Initial/Final:	1 mL / 1 mL	Sample Lab ID:	24K1125-05
Column:			

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Ethane	0.3268	0.00	0.304	92.9	0 - 200
Ethene	0.3045	0.00	0.275	90.3	0 - 200
Methane	0.1747	0.00	0.164	93.6	0 - 200

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Ethane	0.3268	0.298	91.1	2.00	200	0 - 200
Ethene	0.3045	0.270	88.7	1.82	200	0 - 200
Methane	0.1747	0.161	92.0	1.71	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Matrix:	Water	Preparation:	SW-846 5035
Batch:	B392738	Laboratory ID:	B392738-BS1
Column:		Initial/Final:	1 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ethane	0.3332	0.29	86.7	73.1 - 116
Ethene	0.3106	0.26	84.7	67.6 - 116
Methane	0.1780	0.15	83.4	73.2 - 114

4 - FORM IV
METHOD BLANK SUMMARY

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Blank ID:	B392738-BLK1	Batch:	B392738
Prepared:	11/20/2024 09:36		

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B392738-BS1	I24A325002.D	09:21
MW-28S	24K1125-01	I24A325004.D	09:45
MW-29S	24K1125-02	I24A325005.D	09:53
Duplicate	B392738-DUP1	I24A325006.D	10:00
BLIND DUPLICATE	24K1125-03	I24A325007.D	10:08
MW-2M	24K1125-04	I24A325008.D	10:17
MW-2D	24K1125-05	I24A325009.D	10:28
Matrix Spike	B392738-MS1	I24A325010.D	10:35
Matrix Spike Dup	B392738-MSD1	I24A325011.D	10:42
MW-3S	24K1125-06	I24A325012.D	10:50
MW-10S	24K1125-07	I24A325013.D	10:57
MW-10S	24K1125-07RE1	I24A325014.D	11:04

CALIBRATION DATA

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

RSK175

Client: Alpha Analytical Laboratory SDG: 24K1125

Project: Dissolved Gasses - JB Methane, Ethene CAT B

Calibration: 2200220 Instrument: SYSI

Calibration Date: 5/5/2022 12:00:50AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethane	50	283916.2	200	317503.7	500	293222.2	5000	309112.6	20000	300047.7	50000	319907.4
Ethene	50	280336.4	200	311937.7	500	284803.2	5000	302680.6	20000	292685.8	50000	310387.4
Methane	50	161338	200	167753.8	500	155630.1	5000	166626.6	20000	159259.6	50000	170502.7

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

RSK175

Laboratory: Pace New England Work Order: 24K1125

Client: Alpha Analytical Laboratory Project: Dissolved Gasses - JB Methane, Ethene CAT E

Calibration: 2200220 Instrument: SYSI

Calibration Date: 5/5/2022 12:00:50AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Ethane	303951.6	4.6			20	
Ethene	297138.5	4.5			20	
Methane	163518.5	3.5			20	

INITIAL CALIBRATION STANDARDS

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Sequence:	S071204	Instrument:	SYSI
Calibration:	2200220		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2205121	RSK175 STD 50 PPMv	S071204-CAL1	I22A125002.d	05/05/22 09:44
2205122	RSK175 STD 200 PPMv	S071204-CAL2	I22A125003.d	05/05/22 10:02
2205123	RSK175 STD 500 PPMv	S071204-CAL3	I22A125004.d	05/05/22 10:10
2205124	RSK175 STD 5000 PPMv	S071204-CAL4	I22A125005.d	05/05/22 10:19
2205125	RSK175 STD 20000 PPMv	S071204-CAL5	I22A125006.d	05/05/22 10:37
2205126	RSK175 STD 50000 PPMv	S071204-CAL6	I22A125007.d	05/05/22 10:50

C:\MassHunter\GCMS\1\data\I050522\

Date	Filename	Lab ID	Sample Info
05 May 2022 09:29 am	I22A125001.d	CLUP	
05 May 2022 09:44 am	I22A125002.d	50PPM STD	20uL He
05 May 2022 10:02 am	I22A125003.d	200PPM STD	80uL He
05 May 2022 10:10 am	I22A125004.d	500PPM STD	200uL He
05 May 2022 10:19 am	I22A125005.d	5000PPM STD	20uL He
05 May 2022 10:37 am	I22A125006.d	20000PPM STD	80uL He
05 May 2022 10:50 am	I22A125007.d	50000PPM STD	200uL He
05 May 2022 11:01 am	I22A125008.d	5000PPM ICV	20UL He

Method Path : C:\MassHunter\GCMS\1\methods\
Method File : I020918.m
Title : RSK-175
Last Update : Thu May 05 10:59:49 2022
Response Via : Initial Calibration

Calibration Files
1 =I22A125002.d 2 =I22A125003.d 3 =I22A125004.d
4 =I22A125005.d 5 =I22A125006.d 6 =I22A125007.d

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane	1.613	1.678	1.556	1.666	1.593	1.705	1.635	E5	3.48
2)	Ethane	2.839	3.175	2.932	3.091	3.000	3.199	3.040	E5	4.64
3)	Ethene	2.803	3.119	2.848	3.027	2.927	3.104	2.971	E5	4.46

(#) = Out of Range

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125002.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 09:44 am
Operator : TPH
Sample : 50PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:09:46 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

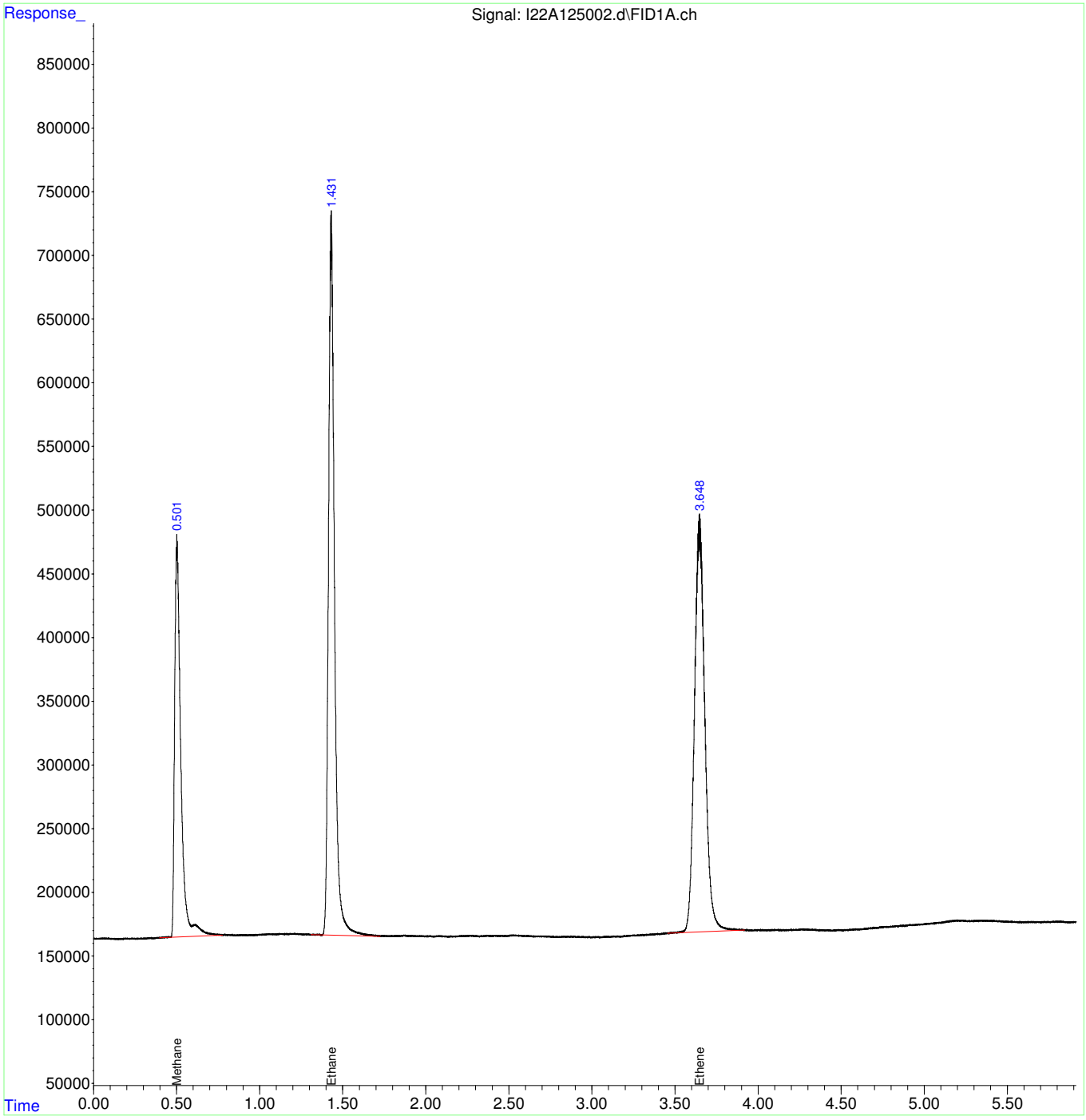
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.503	8066902	52.310	PPMv
2) Ethane	1.431	14195810	48.970	PPMv
3) Ethene	3.647	14016823	50.537	PPMv

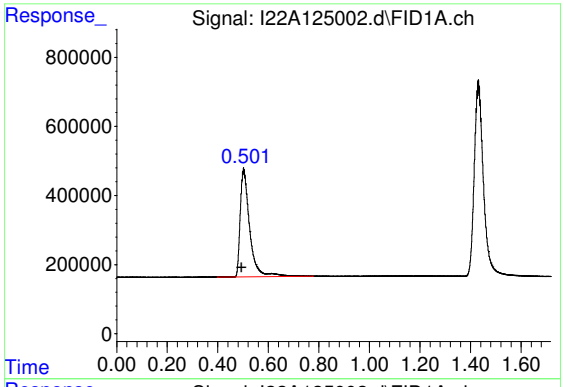
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125002.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 09:44 am
Operator : TPH
Sample : 50PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:09:46 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

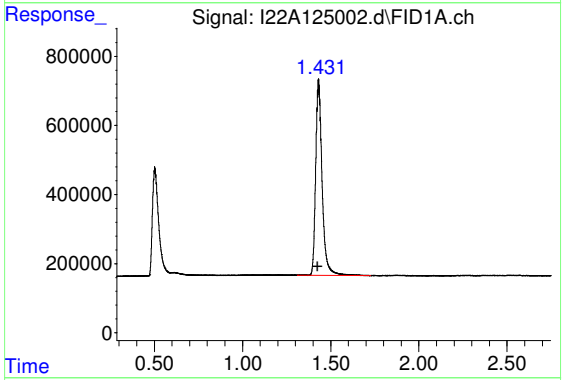
Volume Inj. :
Signal Phase :
Signal Info :





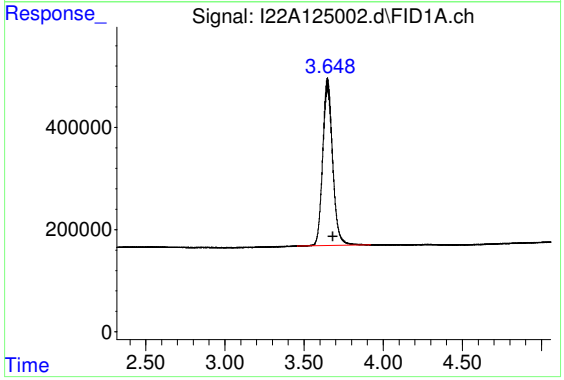
#1 Methane

R.T.: 0.503 min
Delta R.T.: 0.010 min
Response: 8066902
Conc: 52.31 PPMv



#2 Ethane

R.T.: 1.431 min
Delta R.T.: 0.008 min
Response: 14195810
Conc: 48.97 PPMv



#3 Ethene

R.T.: 3.647 min
Delta R.T.: -0.036 min
Response: 14016823
Conc: 50.54 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125003.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:02 am
Operator : TPH
Sample : 200PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:10:02 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

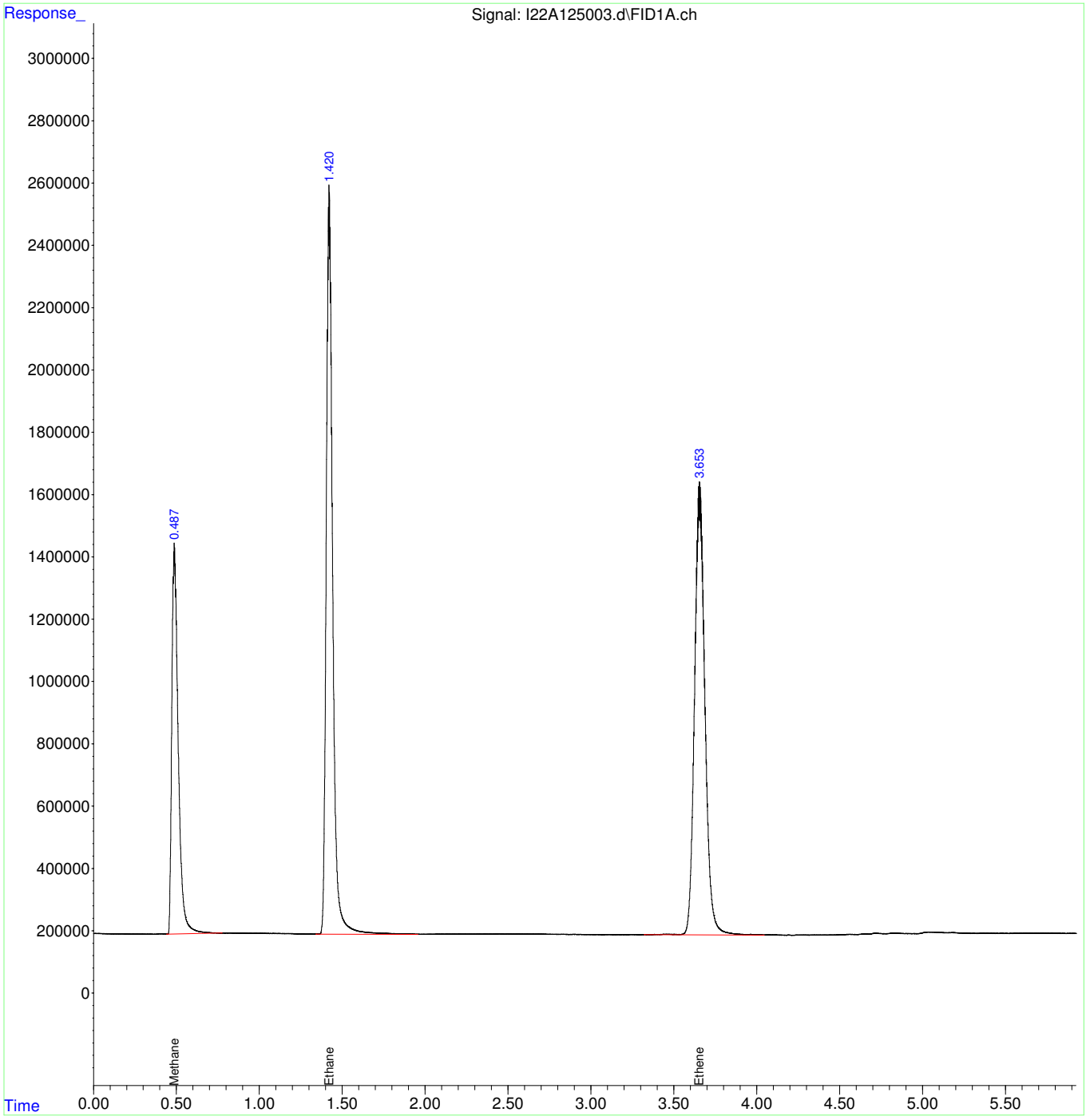
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.488	33550767	217.562 PPMv
2) Ethane	1.422	63500746	219.053 PPMv
3) Ethene	3.655	62387544	224.936 PPMv

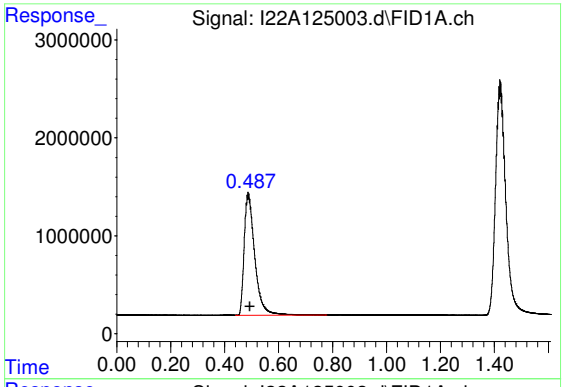
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125003.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:02 am
Operator : TPH
Sample : 200PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:10:02 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

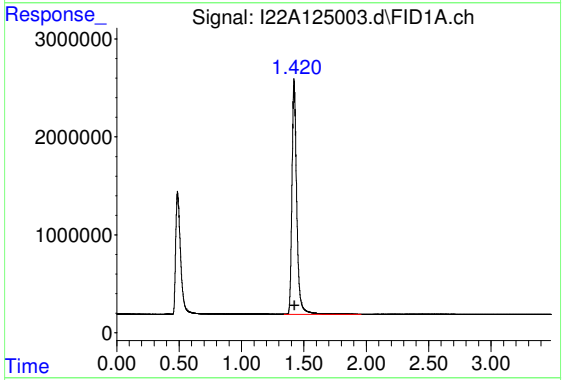
Volume Inj. :
Signal Phase :
Signal Info :





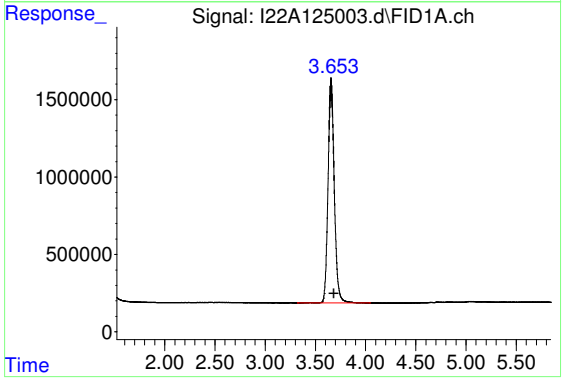
#1 Methane

R.T.: 0.488 min
Delta R.T.: -0.005 min
Response: 33550767
Conc: 217.56 PPMv



#2 Ethane

R.T.: 1.422 min
Delta R.T.: -0.002 min
Response: 63500746
Conc: 219.05 PPMv



#3 Ethene

R.T.: 3.655 min
Delta R.T.: -0.028 min
Response: 62387544
Conc: 224.94 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125004.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:10 am
Operator : TPH
Sample : 500PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:18:06 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

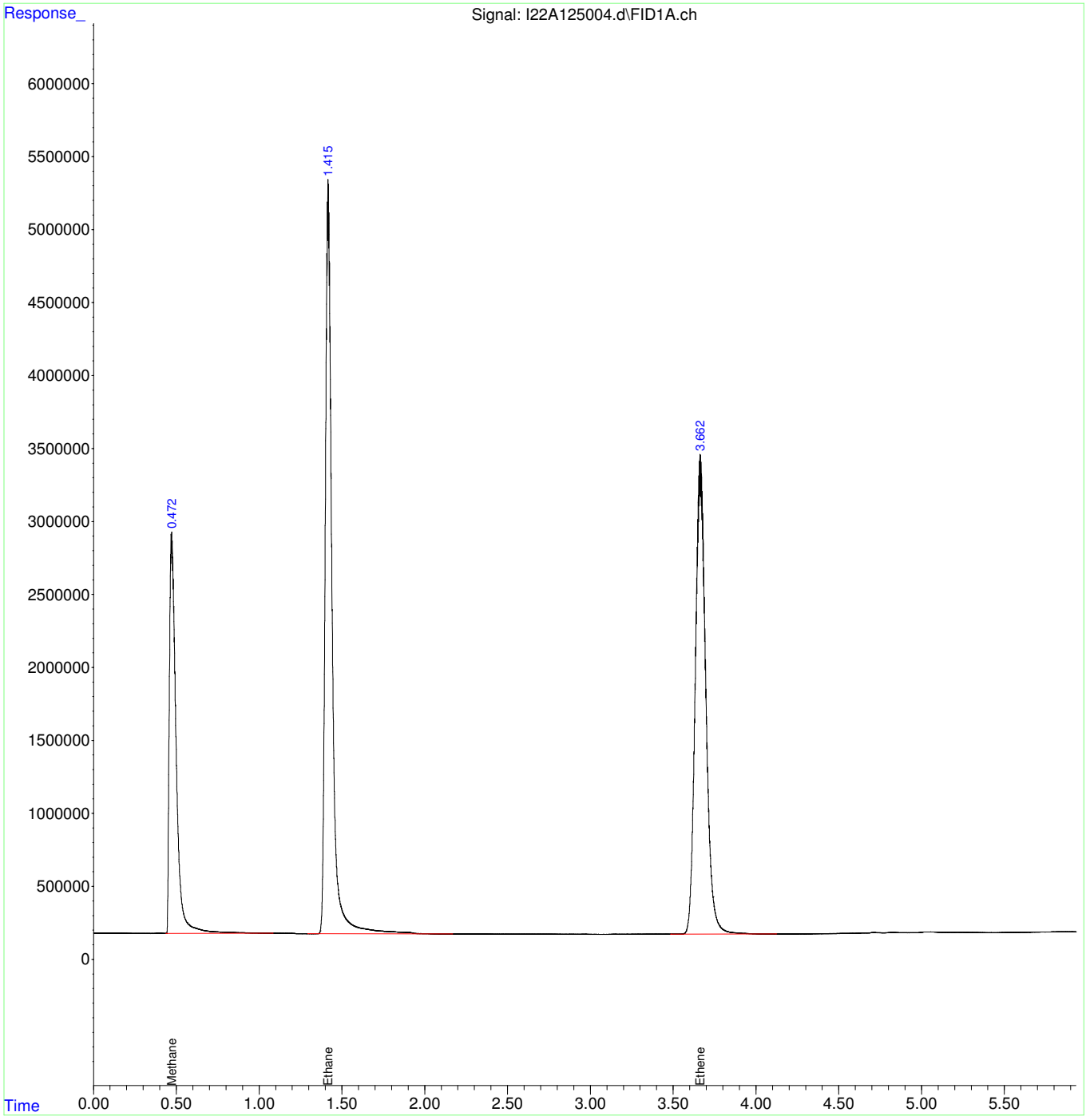
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.473	77815058	504.597 PPMv
2) Ethane	1.417	146611096	505.751 PPMv
3) Ethene	3.664	142401561	513.423 PPMv

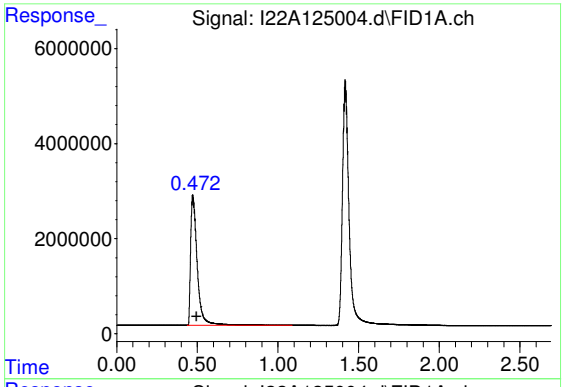
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125004.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:10 am
Operator : TPH
Sample : 500PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:18:06 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

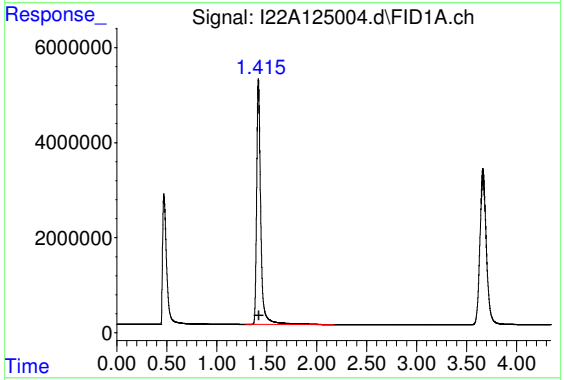
Volume Inj. :
Signal Phase :
Signal Info :





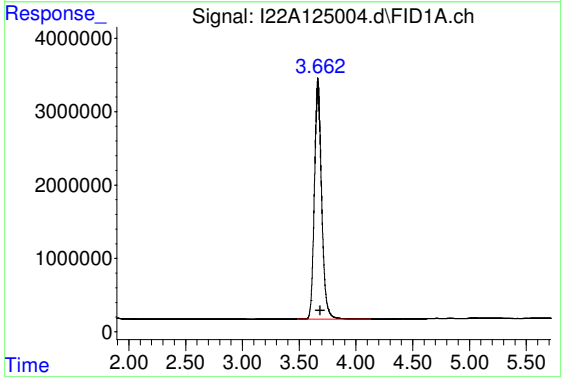
#1 Methane

R.T.: 0.473 min
Delta R.T.: -0.020 min
Response: 77815058
Conc: 504.60 PPMv



#2 Ethane

R.T.: 1.417 min
Delta R.T.: -0.006 min
Response: 146611096
Conc: 505.75 PPMv



#3 Ethene

R.T.: 3.664 min
Delta R.T.: -0.019 min
Response: 142401561
Conc: 513.42 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125005.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:19 am
Operator : TPH
Sample : 5000PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:36:08 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

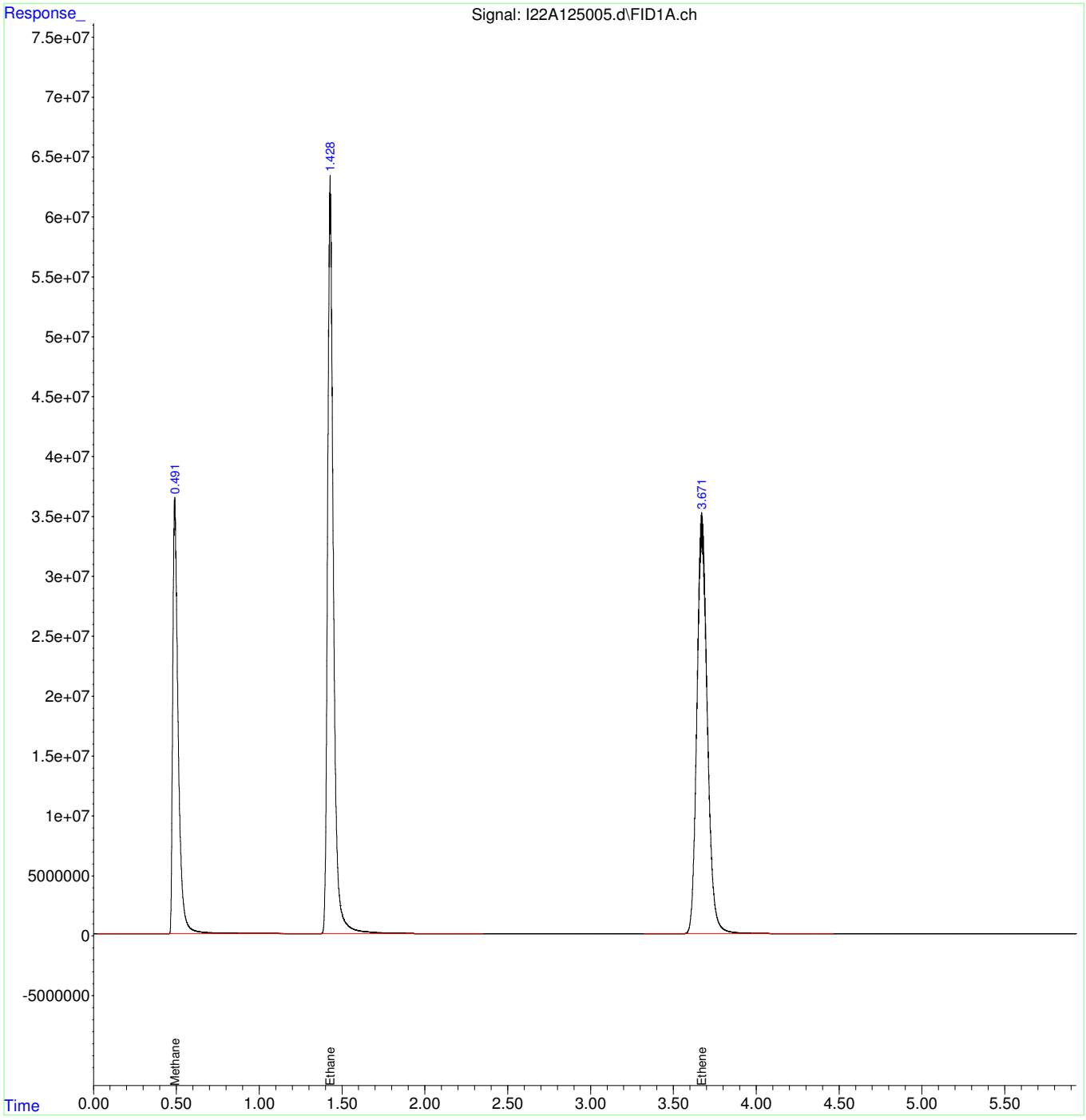
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.492	833133116	5402.505	PPMv
2) Ethane	1.429	1545562967	5331.586	PPMv
3) Ethene	3.672	1513403348	5456.515	PPMv

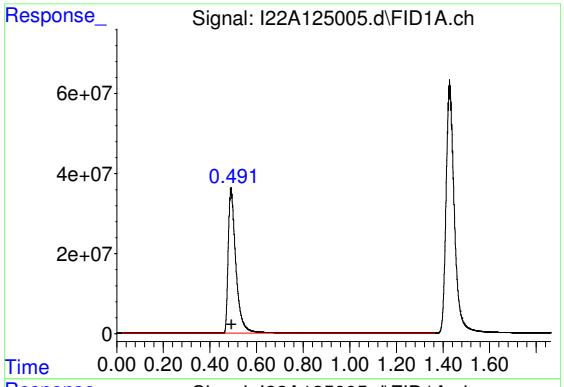
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125005.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:19 am
Operator : TPH
Sample : 5000PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:36:08 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

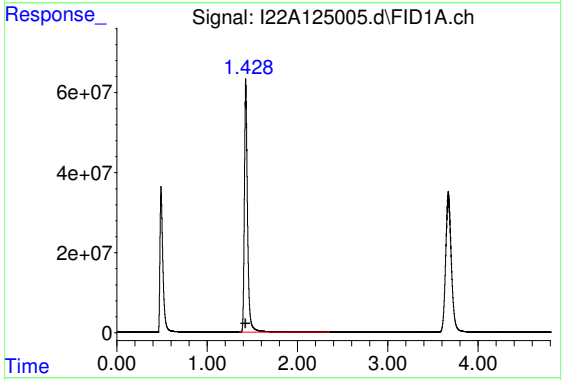
Volume Inj. :
Signal Phase :
Signal Info :





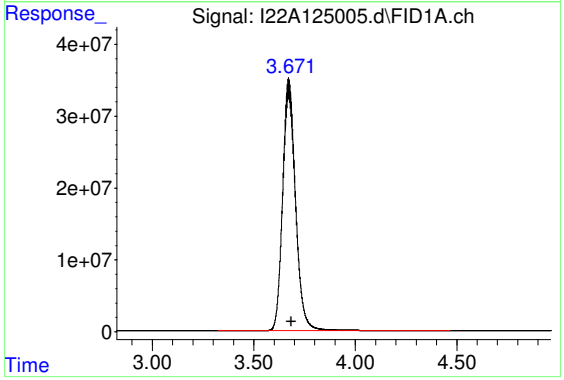
#1 Methane

R.T.: 0.492 min
Delta R.T.: -0.002 min
Response: 833133116
Conc: 5402.51 PPMv



#2 Ethane

R.T.: 1.429 min
Delta R.T.: 0.005 min
Response: 1545562967
Conc: 5331.59 PPMv



#3 Ethene

R.T.: 3.672 min
Delta R.T.: -0.012 min
Response: 1513403348
Conc: 5456.51 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125006.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:37 am
Operator : TPH
Sample : 20000PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:54:11 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

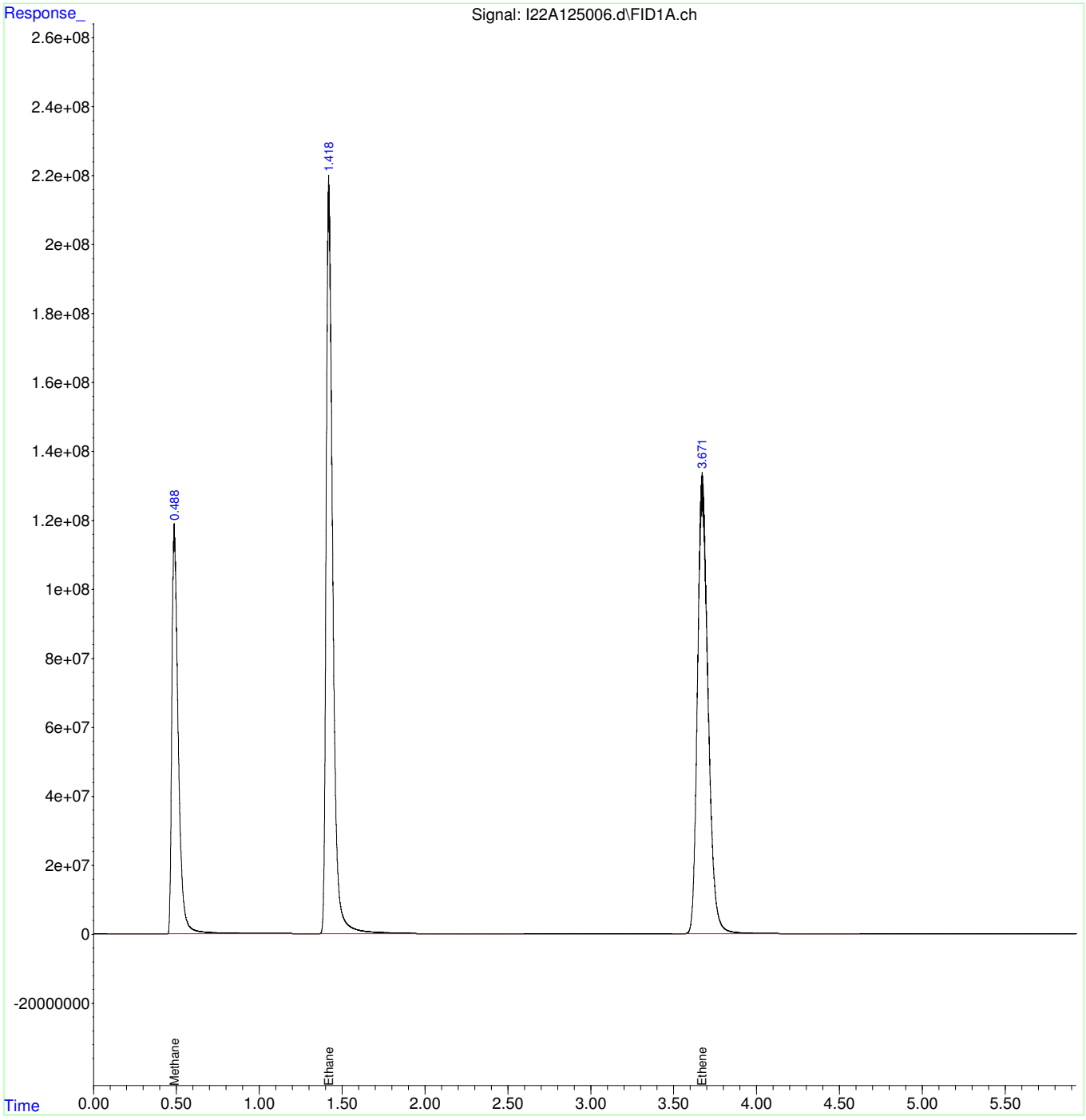
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.488	3185191997	20654.582	PPMv
2) Ethane	1.420	6000953139	20700.935	PPMv
3) Ethene	3.672	5853716849	21105.340	PPMv

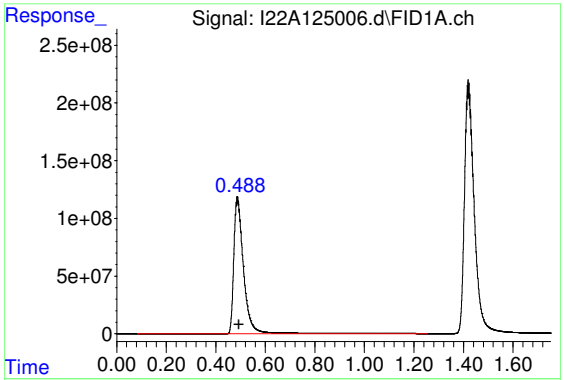
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125006.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:37 am
Operator : TPH
Sample : 20000PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:54:11 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

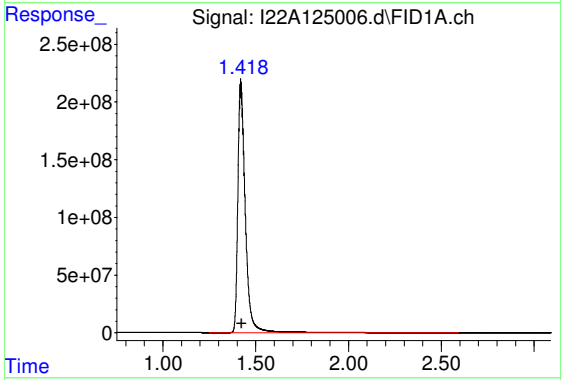
Volume Inj. :
Signal Phase :
Signal Info :





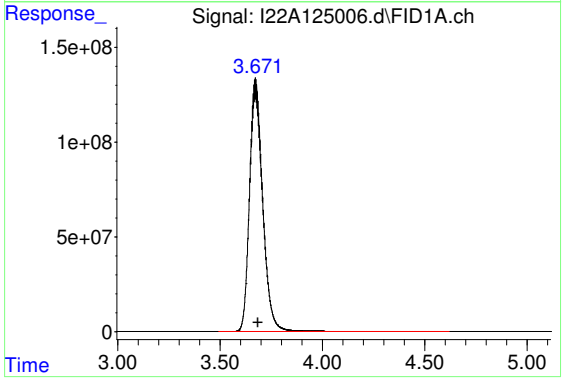
#1 Methane

R.T.: 0.488 min
Delta R.T.: -0.005 min
Response: 3185191997
Conc: 20654.58 PPMv



#2 Ethane

R.T.: 1.420 min
Delta R.T.: -0.003 min
Response: 6000953139
Conc: 20700.93 PPMv



#3 Ethene

R.T.: 3.672 min
Delta R.T.: -0.011 min
Response: 5853716849
Conc: 21105.34 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125007.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:50 am
Operator : TPH
Sample : 50000PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:57:30 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

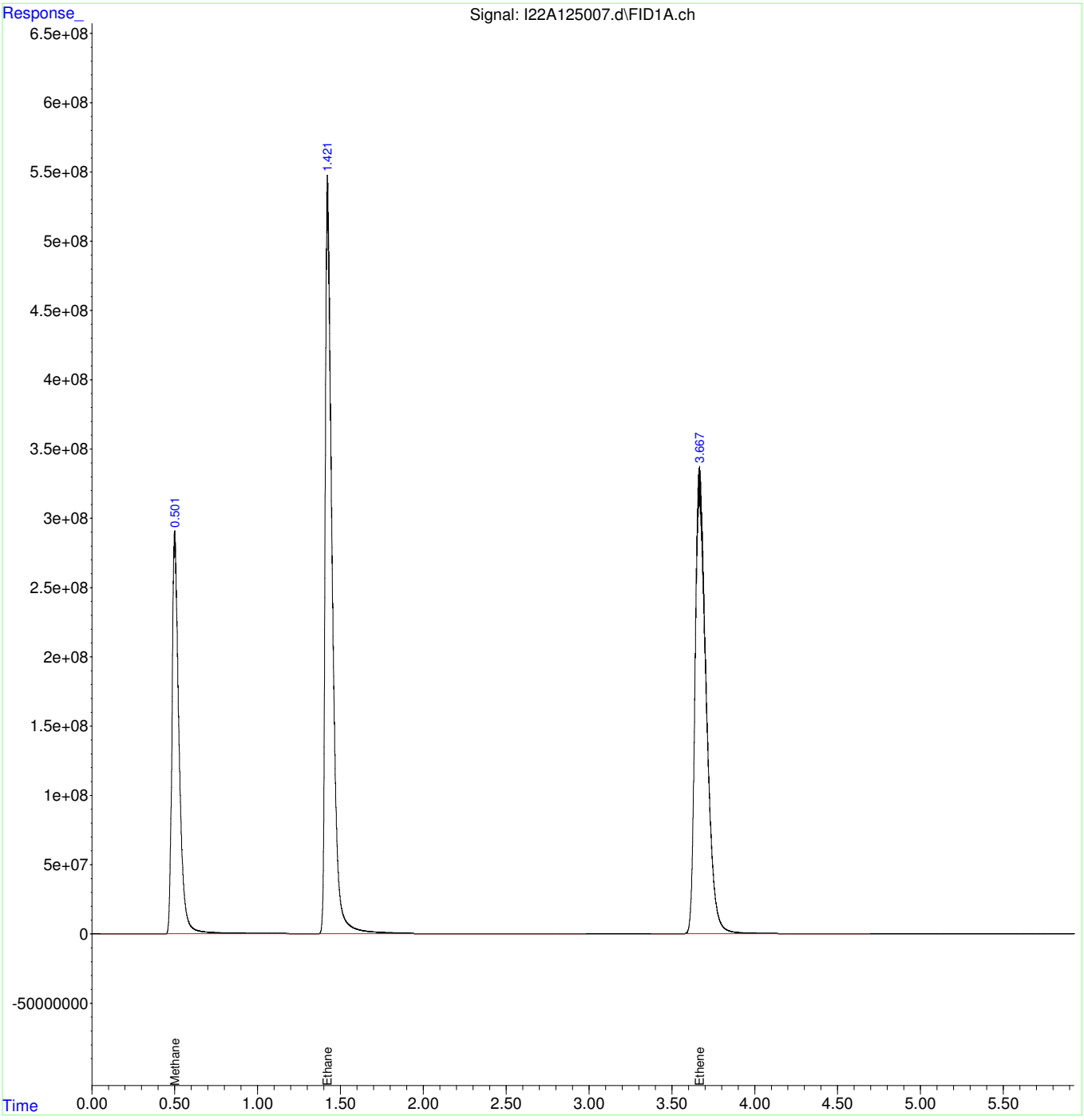
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.501	8525135452	55281.788	PPMv
2) Ethane	1.423	15995365809	55177.738	PPMv
3) Ethene	3.667	15519368947	55954.459	PPMv

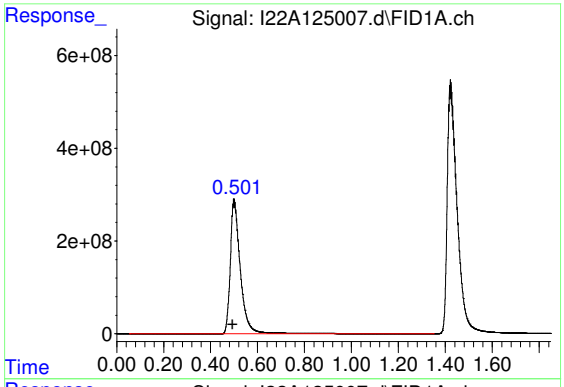
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125007.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:50 am
Operator : TPH
Sample : 50000PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:57:30 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

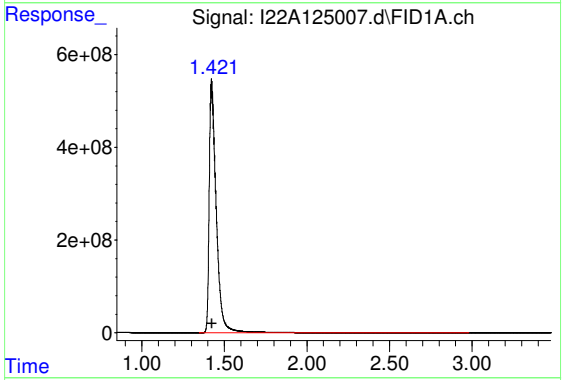
Volume Inj. :
Signal Phase :
Signal Info :





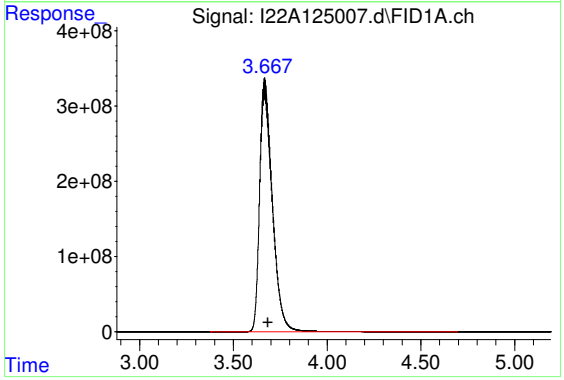
#1 Methane

R.T.: 0.501 min
Delta R.T.: 0.008 min
Response: 8525135452
Conc: 55281.79 PPMv



#2 Ethane

R.T.: 1.423 min
Delta R.T.: 0.000 min
Response: 15995365809
Conc: 55177.74 PPMv



#3 Ethene

R.T.: 3.667 min
Delta R.T.: -0.016 min
Response: 15519368947
Conc: 55954.46 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	Methane	5000.000	4903.935	1.9	96	0.00
2	Ethane	5000.000	4918.363	1.6	97	0.00
3	Ethene	5000.000	4947.389	1.1	97	0.01

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

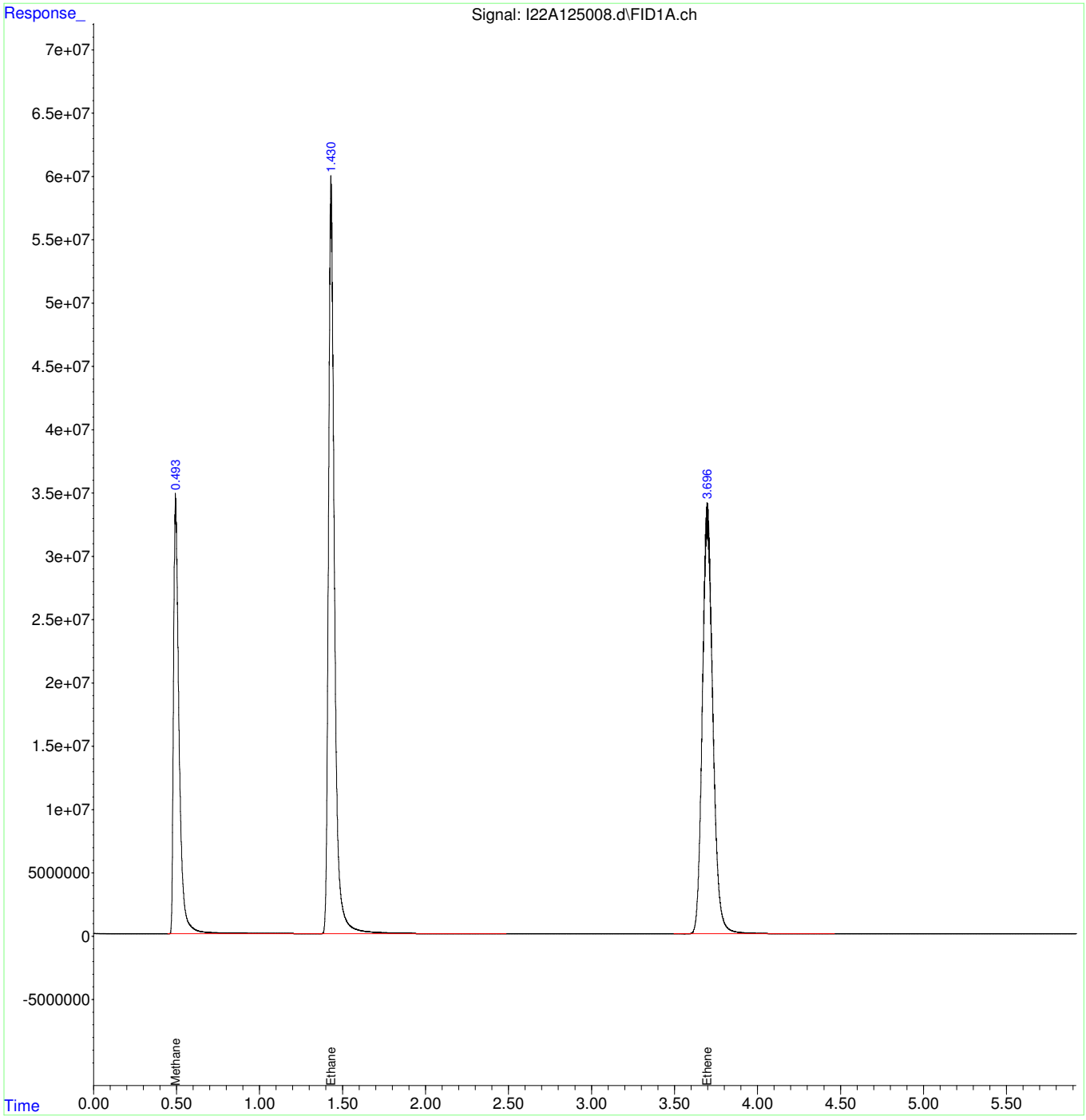
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.495	801884049	4903.935	PPMv
2) Ethane	1.432	1494944269	4918.363	PPMv
3) Ethene	3.698	1470059882	4947.389	PPMv

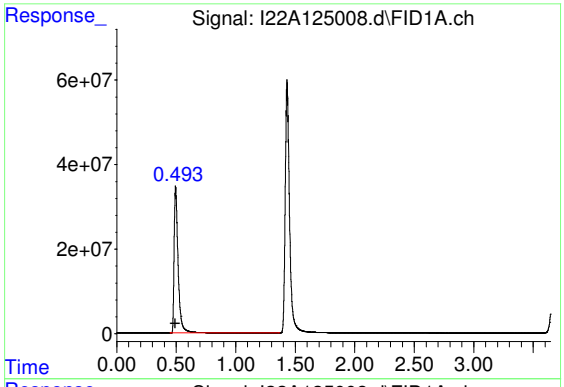
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

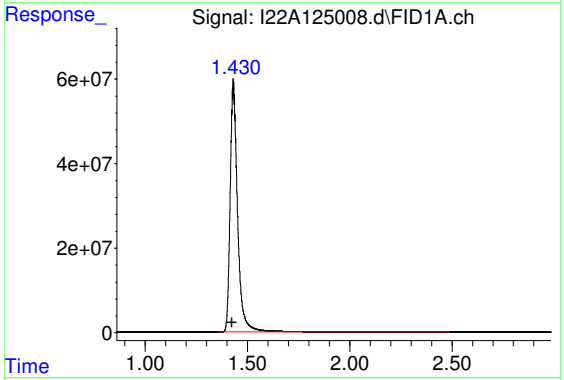
Volume Inj. :
Signal Phase :
Signal Info :





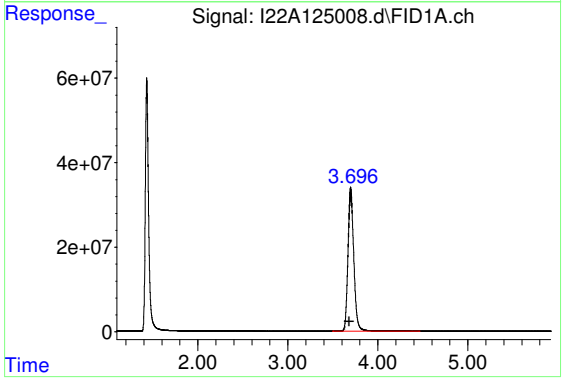
#1 Methane

R.T.: 0.495 min
Delta R.T.: 0.002 min
Response: 801884049
Conc: 4903.94 PPMv



#2 Ethane

R.T.: 1.432 min
Delta R.T.: 0.008 min
Response: 1494944269
Conc: 4918.36 PPMv



#3 Ethene

R.T.: 3.698 min
Delta R.T.: 0.015 min
Response: 1470059882
Conc: 4947.39 PPMv

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325001.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV1	Injection Time:	09:13

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5250	303951.6	318889		4.9	15
Ethene	A	5000	5250	297138.5	311883.6		5.0	15
Methane	A	5000	5150	163518.5	168340.7		2.9	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325001.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:13 am
Operator : TPH
Sample : CCV1 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:21:10 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

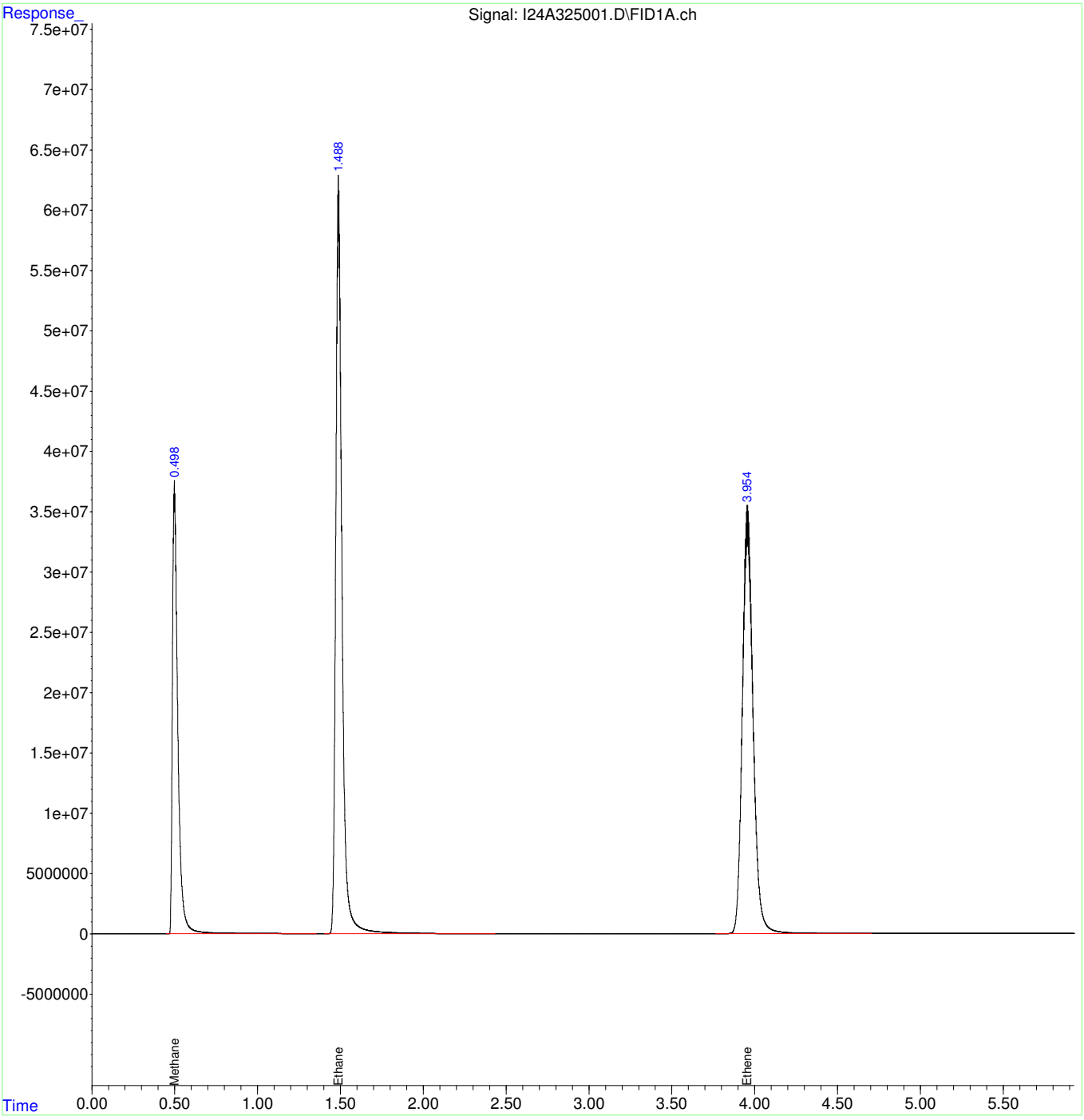
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.499	841703494	5147.452	PPMv
2) Ethane	1.489	1594445372	5245.721	PPMv
3) Ethene	3.956	1559417883	5248.117	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325001.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:13 am
Operator : TPH
Sample : CCV1 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:21:10 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325015.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV2	Injection Time:	11:12

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5310	303951.6	322627.6		6.1	15
Ethene	A	5000	5320	297138.5	316029		6.4	15
Methane	A	5000	5240	163518.5	171416.1		4.8	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325015.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:12 am
Operator : TPH
Sample : CCV2 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:22:59 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

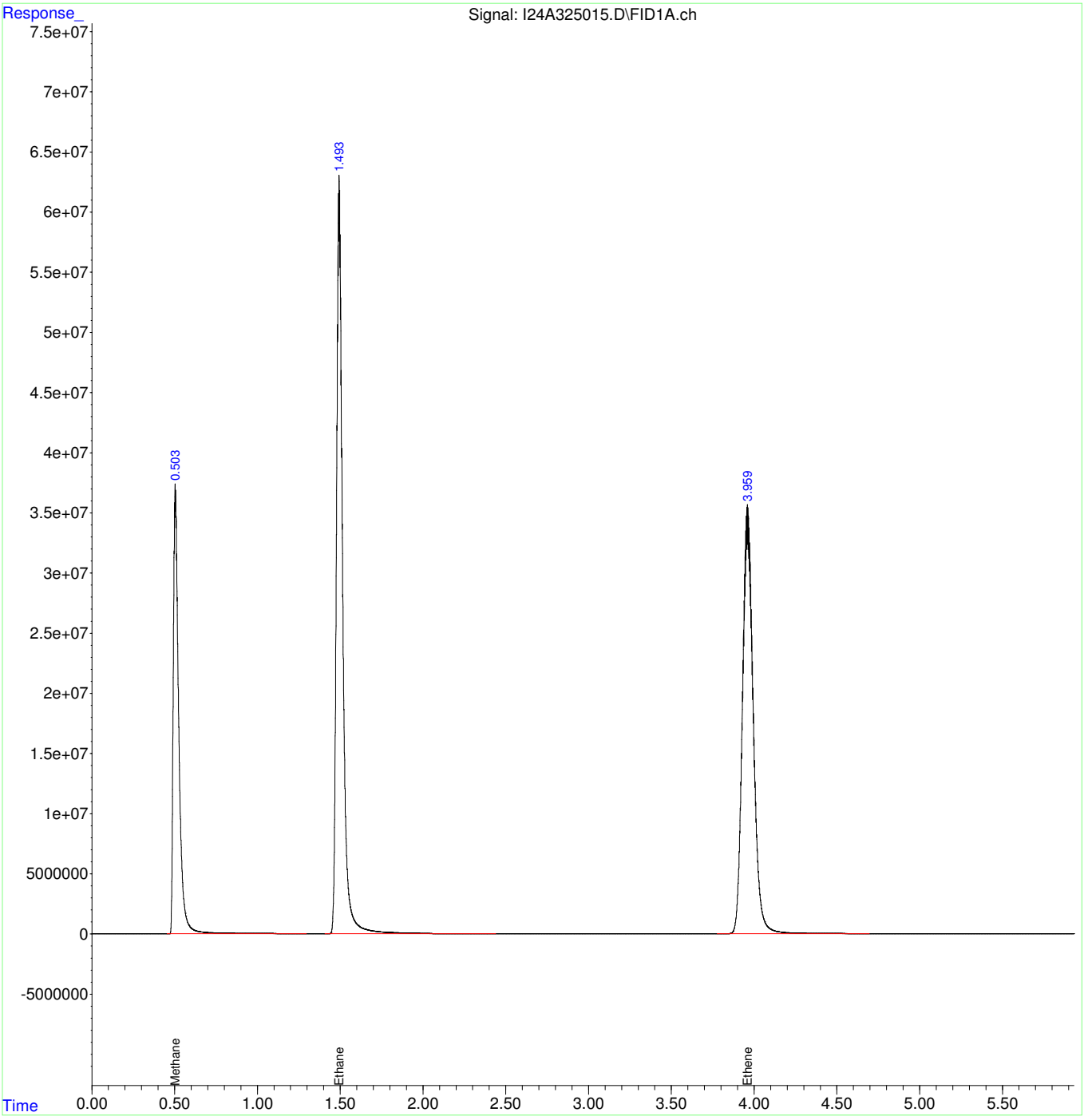
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.505	857080727	5241.491	PPMv
2)	Ethane	1.494	1613137726	5307.219	PPMv
3)	Ethene	3.960	1580144900	5317.873	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325015.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:12 am
Operator : TPH
Sample : CCV2 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:22:59 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325023.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV3	Injection Time:	12:21

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5200	303951.6	316042.4		4.0	15
Ethene	A	5000	5220	297138.5	310198.2		4.4	15
Methane	A	5000	5160	163518.5	168890.3		3.3	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325023.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:21 pm
Operator : TPH
Sample : CCV3 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 23 Sample Multiplier: 1

100

Integration File: events.e
Quant Time: Nov 20 12:27:35 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

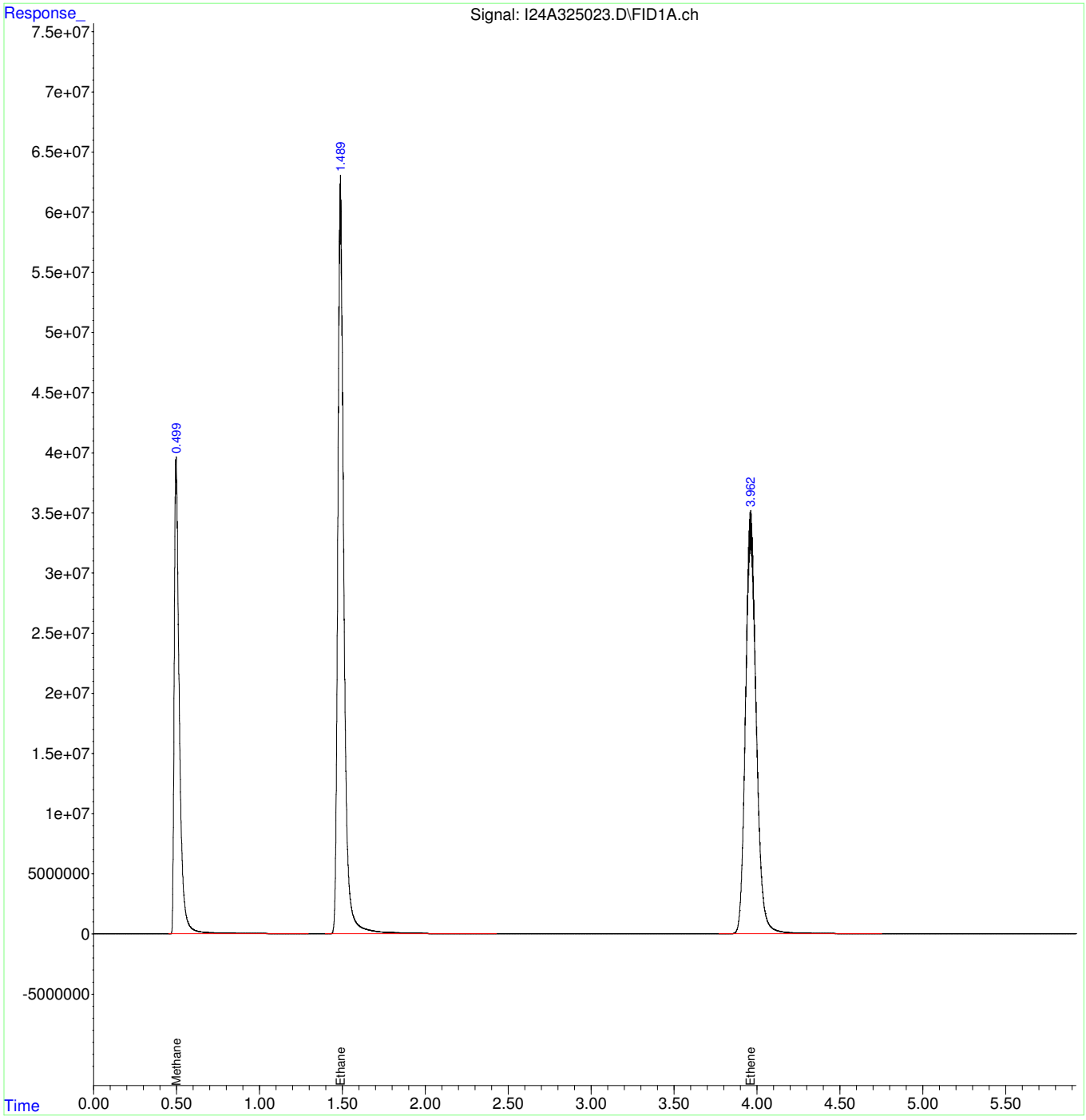
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.499	844451703	5164.258	PPMv
2) Ethane	1.489	1580211671	5198.892	PPMv
3) Ethene	3.962	1550991248	5219.758	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325023.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:21 pm
Operator : TPH
Sample : CCV3 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:27:35 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1125
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB Methane, Ethene CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325034.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV4	Injection Time:	14:05

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5250	303951.6	319056.2		5.0	15
Ethene	A	5000	5270	297138.5	313262.6		5.4	15
Methane	A	5000	5170	163518.5	169069.7		3.4	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325034.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 02:05 pm
Operator : TPH
Sample : CCV4 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:14:43 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

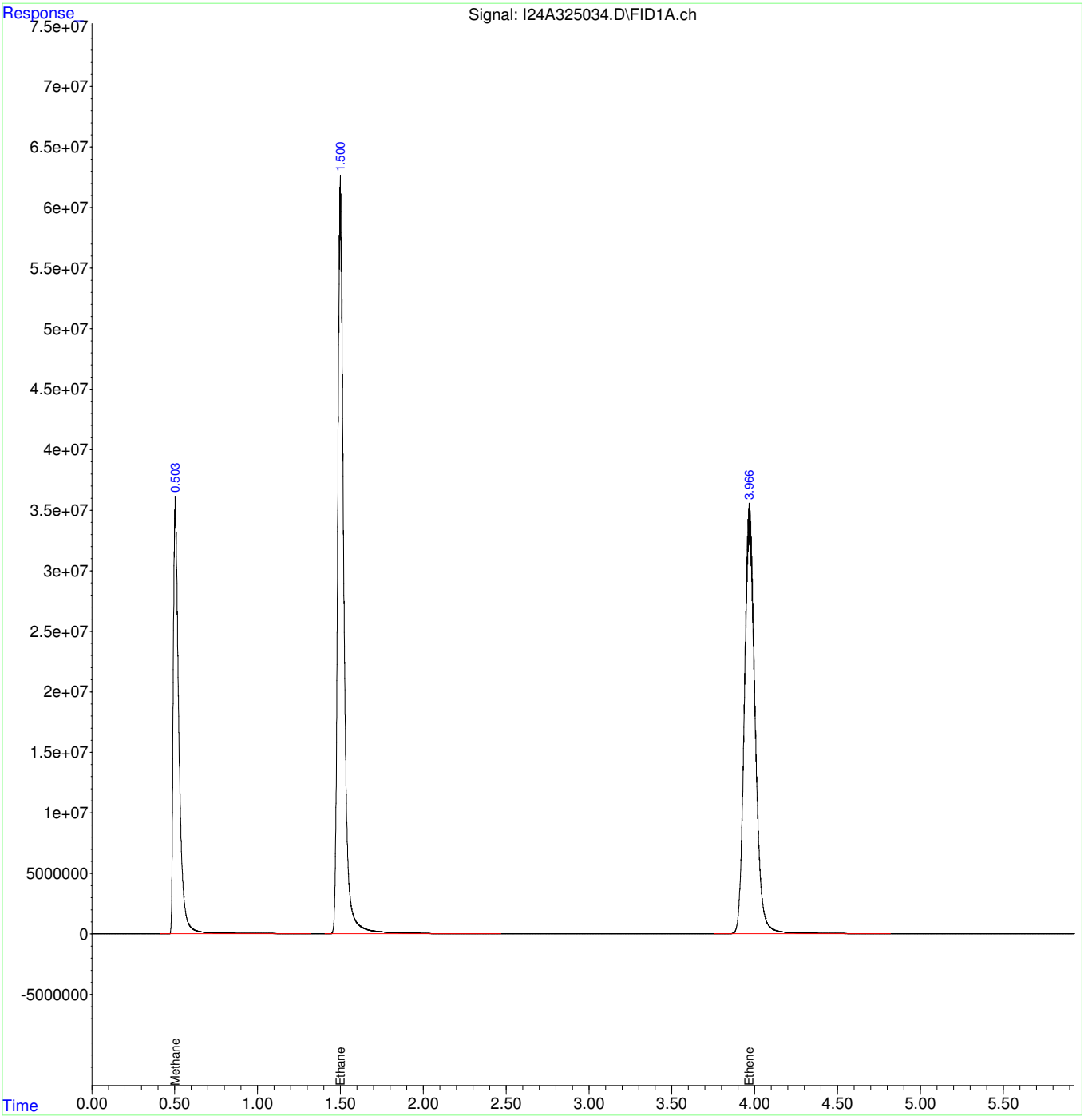
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Methane	0.505	845348610	5169.743	PPMv
2)	Ethane	1.500	1595281253	5248.471	PPMv
3)	Ethene	3.968	1566312930	5271.322	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325034.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 02:05 pm
Operator : TPH
Sample : CCV4 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:14:43 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



QC DATA

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB Methane, Ethene CAT B	
Matrix:	Water	Laboratory ID:	B392738-BLK1	File ID:	I24A325003.D
Sampled:		Prepared:	11/20/24 09:36	Analyzed:	11/20/24 09:36
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane		0.0010	0.0070	

Sample # MBL Ph=<2

Temperature (*C)	23.70
Tare weight (g)	29.35
Total weight (g)	71.52
Headspace weight(g)	66.61

Methane Quant	0.000	Methane	0.00000	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325003.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:36 am
Operator : TPH
Sample : MBL1 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:45:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

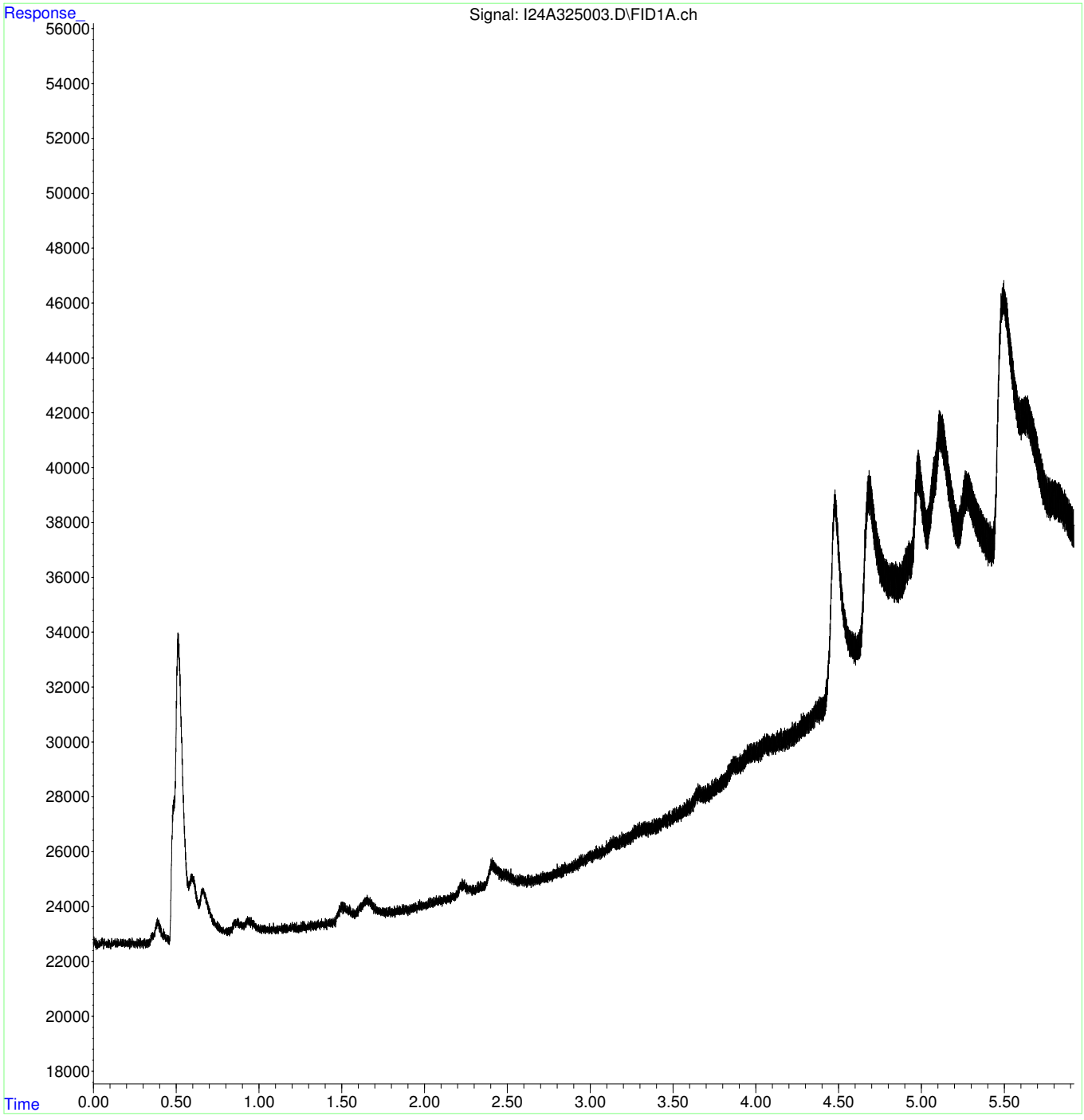
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.514	377210	<MDL	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325003.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:36 am
Operator : TPH
Sample : MBL1 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:45:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB Methane, Ethene CAT B	
Matrix:	Water	Laboratory ID:	B392738-BS1	File ID:	I24A325002.D
Sampled:		Prepared:	11/20/24 09:21	Analyzed:	11/20/24 09:21
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.29			
74-85-1	Ethene	0.26			
74-82-8	Methane	0.15			

Sample # LCS Calculated

Temperature (*C)	23.60
Tare weight (g)	29.23
Total weight (g)	71.31
Headspace weight	66.03

Methane Quant	1265.941	Methane	0.14847	mg/L
Ethane Quant	1228.996	Ethane	0.28885	mg/L
Ethylene Quant	868.240	Ethylene	0.26308	mg/L

Sample # LCS TRUE

Temperature (*C)	23.6
Tare weight (g)	29.2
Total weight (g)	71.3
Headspace weight	66.0

Methane Quant	1517.584	Methane	0.17799	mg/L
Ethane Quant	1417.571	Ethane	0.33317	mg/L
Ethylene Quant	1025.109	Ethylene	0.31061	mg/L

Sample # LCS

Temperature (*C)	23.6
Tare weight (g)	29.2
Total weight (g)	71.3
Headspace weight	66.0

	True Value	Calculated			
Methane Quant	1517.584	1265.941	Methane	83.42	%
Ethane Quant	1417.571	1228.996	Ethane	86.70	%
Ethylene Quant	1025.109	868.240	Ethylene	84.70	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325002.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:21 am
Operator : TPH
Sample : LCS1 Inst : SYSI
Misc : 200uL CTS-267 04-02-27
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:34:20 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

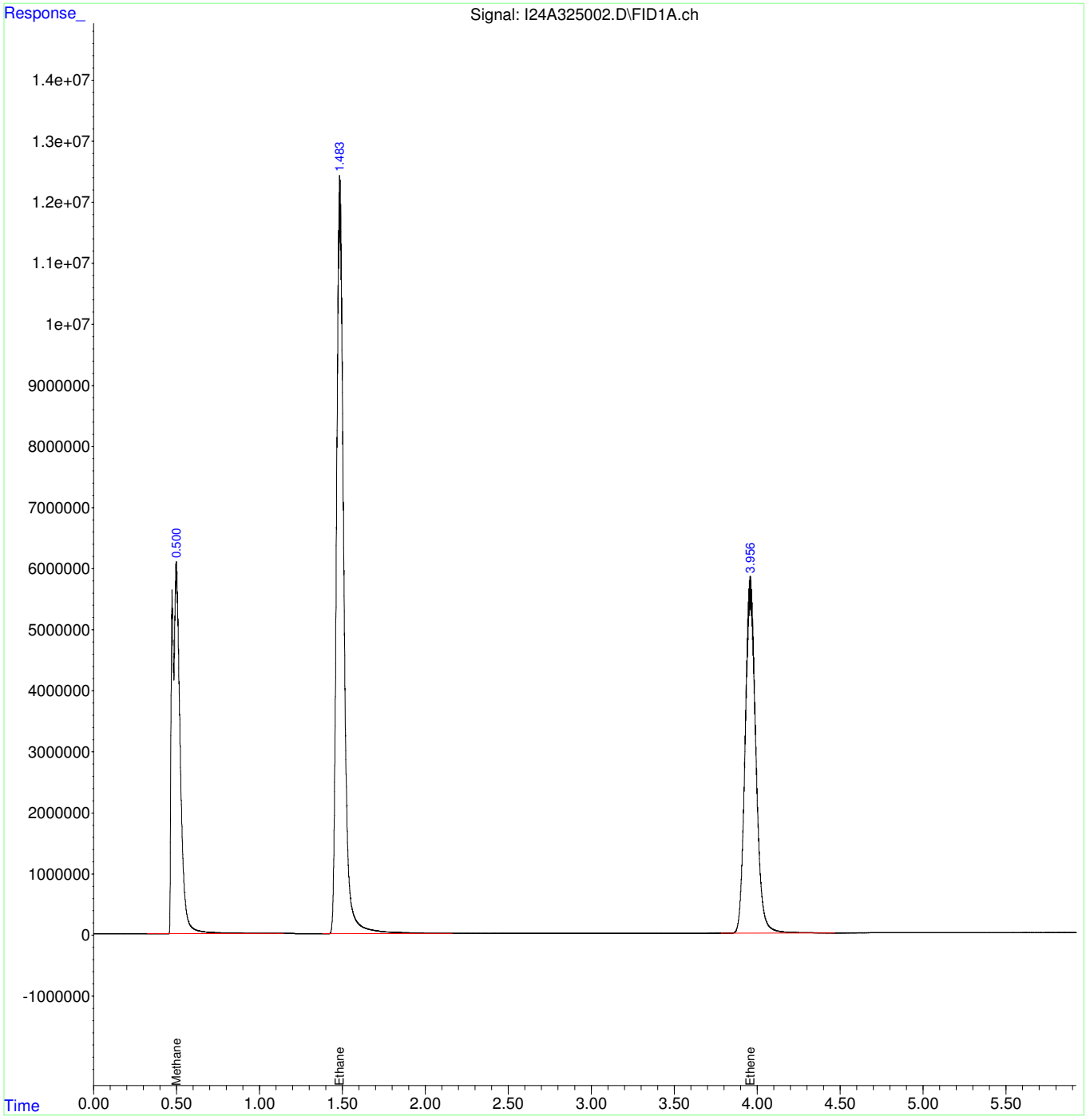
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.500	207004835	1265.941	PPMv
2) Ethane	1.485	373555411	1228.996	PPMv
3) Ethene	3.958	257987503	868.240	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325002.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:21 am
Operator : TPH
Sample : LCS1 Inst : SYSI
Misc : 200uL CTS-267 04-02-27
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:34:20 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



1 - FORM I
ANALYSIS DATA SHEET

Duplicate

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB Methane, Ethene CAT B	
Matrix:	Water	Laboratory ID:	B392738-DUP1	File ID:	I24A325006.D
Sampled:		Prepared:	11/20/24 10:00	Analyzed:	11/20/24 10:00
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.00380	0.0013	0.014	J
74-85-1	Ethene	0.00204	0.0018	0.017	J
74-82-8	Methane	0.796	0.0010	0.0070	

Sample # 24K1125-02 DUP Ph=<2

Temperature (*C)	24.00
Tare weight (g)	25.58
Total weight (g)	67.94
Headspace weight(g)	62.93

Methane Quant	7182.432	Methane	0.79616	mg/L
Ethane Quant	17.052	Ethane	0.00380	mg/L
Ethylene Quant	7.016	Ethylene	0.00204	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325006.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:00 am
Operator : TPH
Sample : 24K1125-02DUP Inst : SYSI
Misc : 1,1,0.2,0.2,1XDUP
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:07:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

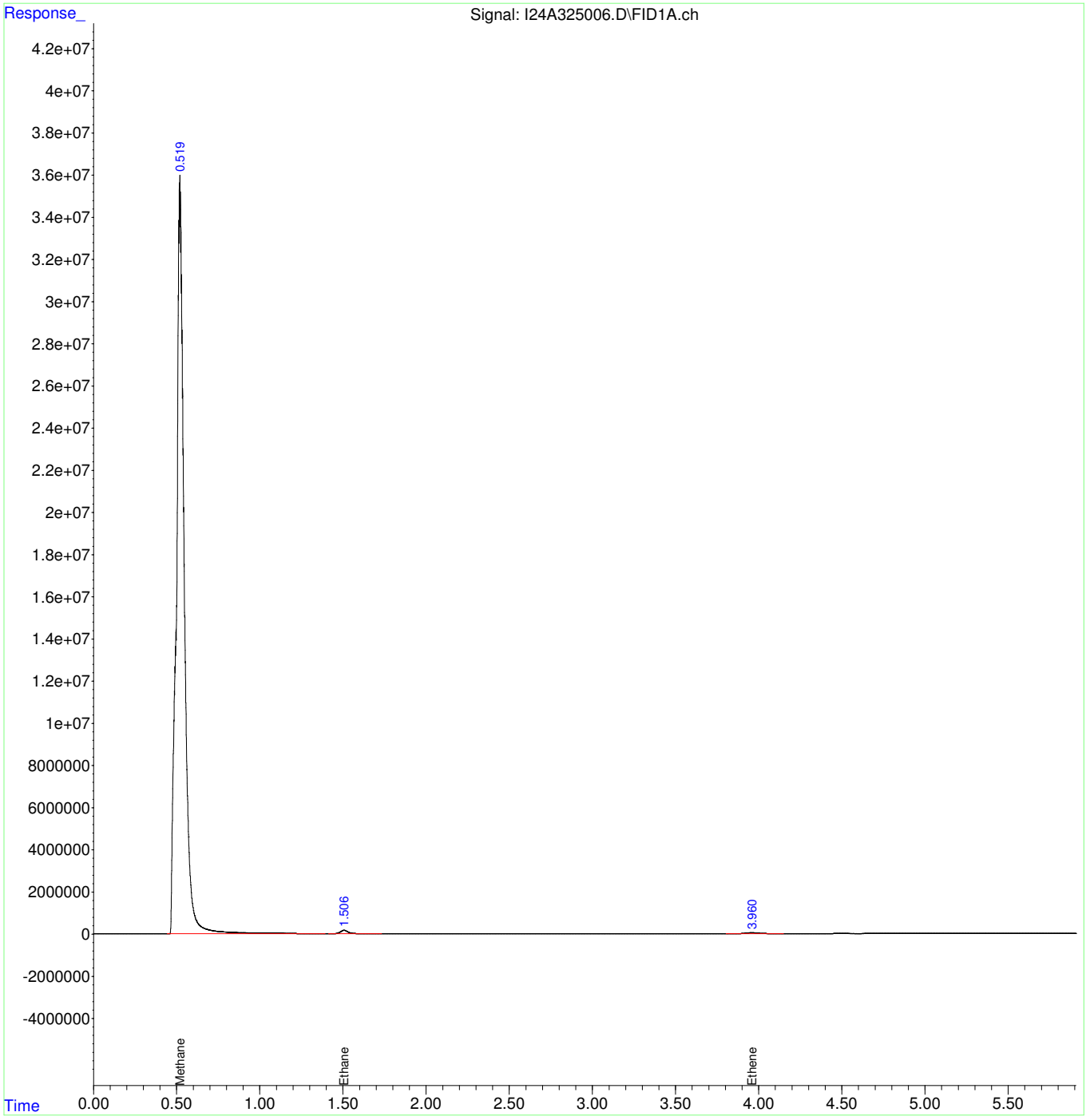
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.520	1174460402	7182.432	PPMv
2) Ethane	1.506	5182932	17.052	PPMv
3) Ethene	3.958	2084756	7.016	PPMv

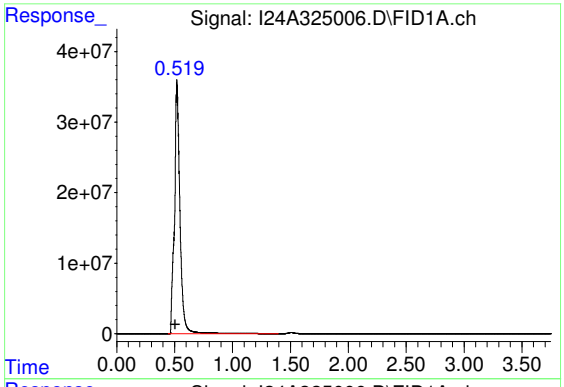
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325006.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:00 am
Operator : TPH
Sample : 24K1125-02DUP Inst : SYSI
Misc : 1,1,0.2,0.2,1XDUP
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:07:03 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

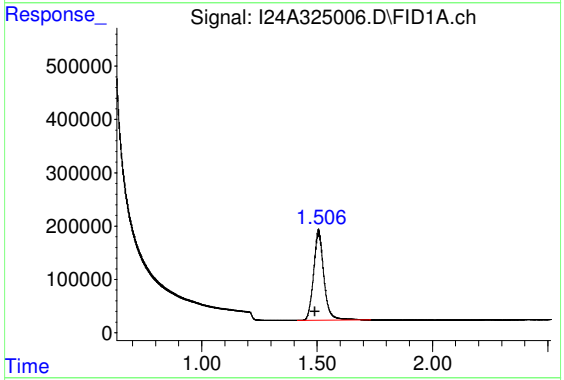
Volume Inj. :
Signal Phase :
Signal Info :





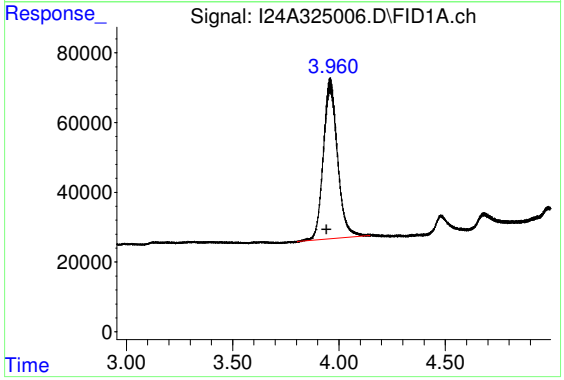
#1 Methane

R.T.: 0.520 min
Delta R.T.: 0.013 min
Response: 1174460402
Conc: 7182.43 PPMv



#2 Ethane

R.T.: 1.506 min
Delta R.T.: 0.016 min
Response: 5182932
Conc: 17.05 PPMv



#3 Ethene

R.T.: 3.958 min
Delta R.T.: 0.018 min
Response: 2084756
Conc: 7.02 PPMv

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB Methane, Ethene CAT B	
Matrix:	Water	Laboratory ID:	B392738-MS1	File ID:	I24A325010.D
Sampled:		Prepared:	11/20/24 10:35	Analyzed:	11/20/24 10:35
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.304			
74-85-1	Ethene	0.275			
74-82-8	Methane	0.164			

Sample # MS Calculated

Temperature (*C)	23.90
Tare weight (g)	25.52
Total weight (g)	68.03
Headspace weight	62.89

Methane Quant	1445.593	Methane	0.16358	mg/L
Ethane Quant	1337.009	Ethane	0.30358	mg/L
Ethylene Quant	931.865	Ethylene	0.27502	mg/L

Sample # MS TRUE

Temperature (*C)	23.9
Tare weight (g)	25.5
Total weight (g)	68.0
Headspace weight	62.9

Methane Quant	1544.213	Methane	0.17474	mg/L
Ethane Quant	1439.184	Ethane	0.32678	mg/L
Ethylene Quant	1031.596	Ethylene	0.30446	mg/L

Sample # MS

Temperature (*C)	23.9
Tare weight (g)	25.5
Total weight (g)	68.0
Headspace weight	62.9

	True Value	Calculated			
Methane Quant	1544.213	1445.593	Methane	93.61	%
Ethane Quant	1439.184	1337.009	Ethane	92.90	%
Ethylene Quant	1031.596	931.865	Ethylene	90.33	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325010.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:35 am
Operator : TPH
Sample : 24K1125-05MS Inst : SYSI
Misc : 1,1,0.2,0.2,1XMS
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:42:15 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

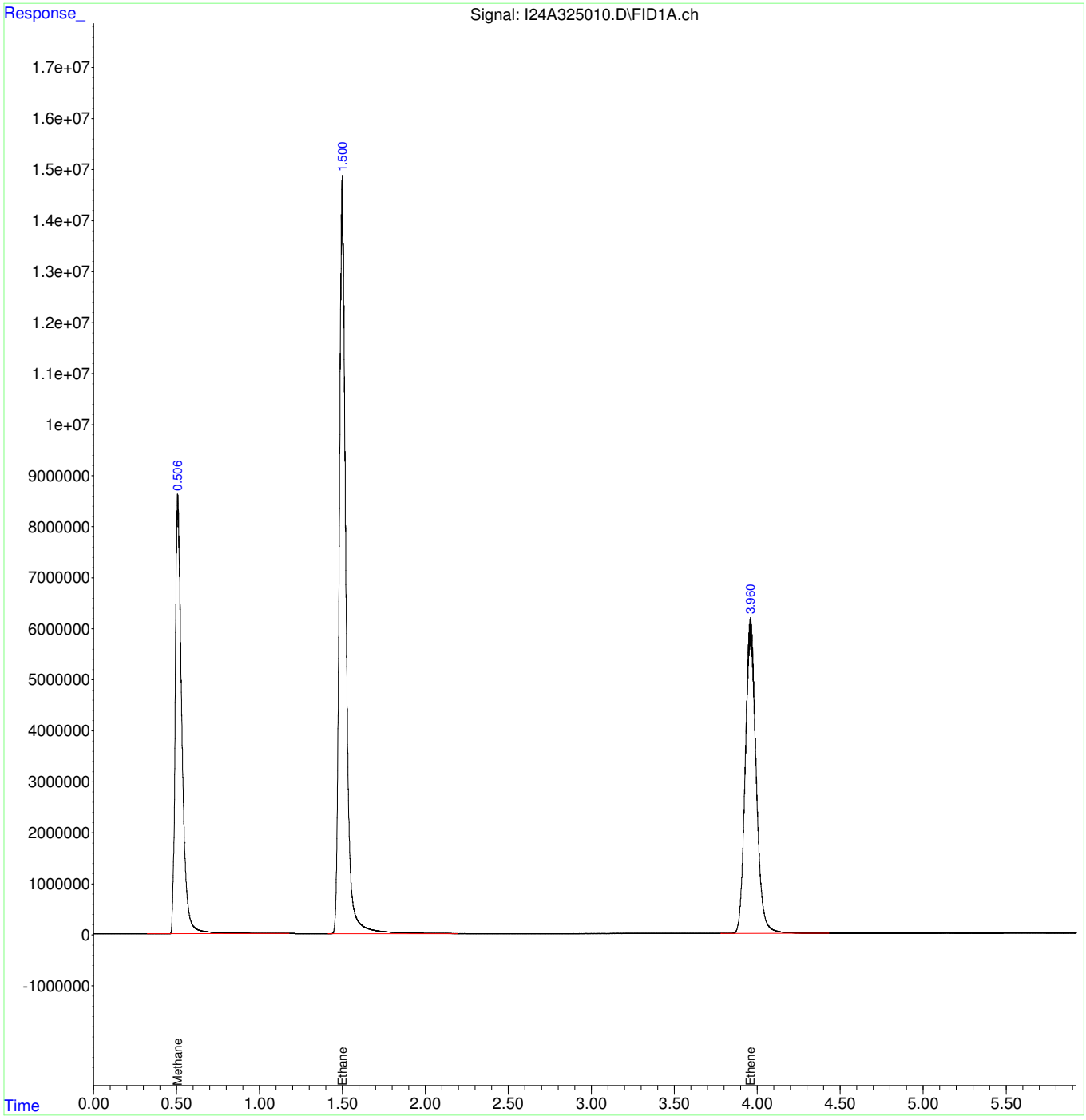
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.509	236381141	1445.593	PPMv
2) Ethane	1.499	406386190	1337.009	PPMv
3) Ethene	3.960	276893028	931.865	PPMv

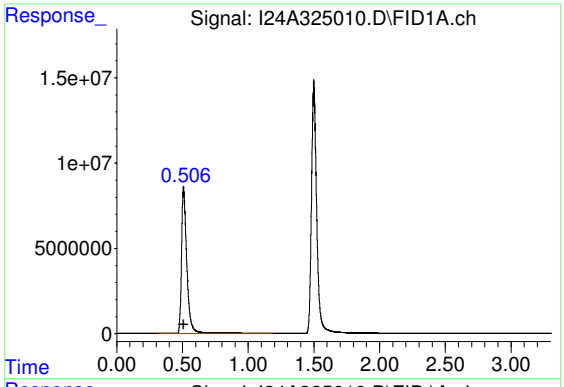
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325010.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:35 am
Operator : TPH
Sample : 24K1125-05MS Inst : SYSI
Misc : 1,1,0.2,0.2,1XMS
ALS Vial : 10 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:42:15 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

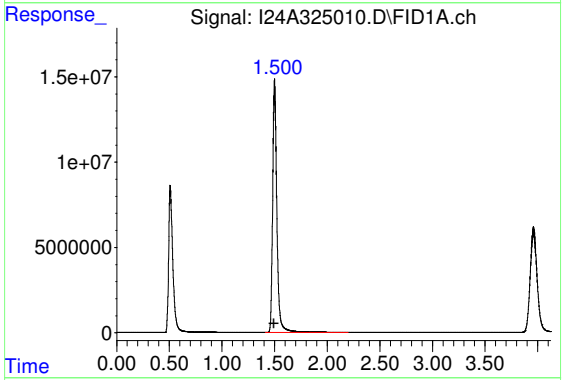
Volume Inj. :
Signal Phase :
Signal Info :





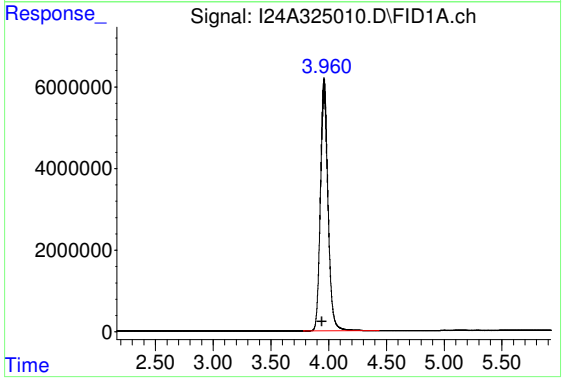
#1 Methane

R.T.: 0.509 min
Delta R.T.: 0.002 min
Response: 236381141
Conc: 1445.59 PPMv



#2 Ethane

R.T.: 1.499 min
Delta R.T.: 0.009 min
Response: 406386190
Conc: 1337.01 PPMv



#3 Ethene

R.T.: 3.960 min
Delta R.T.: 0.020 min
Response: 276893028
Conc: 931.87 PPMv

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England			Work Order:	24K1125
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB Methane, Ethene CAT B	
Matrix:	Water	Laboratory ID:	B392738-MSD1	File ID:	I24A325011.D
Sampled:		Prepared:	11/20/24 10:42	Analyzed:	11/20/24 10:42
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.298			
74-85-1	Ethene	0.270			
74-82-8	Methane	0.161			

Sample # MSD Calculated

Temperature (*C)	23.90
Tare weight (g)	25.52
Total weight (g)	68.03
Headspace weight	62.89

Methane Quant	1421.004	Methane	0.16080	mg/L
Ethane Quant	1310.490	Ethane	0.29756	mg/L
Ethylene Quant	914.999	Ethylene	0.27005	mg/L

Sample # MSD TRUE

Temperature (*C)	23.9
Tare weight (g)	25.5
Total weight (g)	68.0
Headspace weight	62.9

Methane Quant	1544.213	Methane	0.17474	mg/L
Ethane Quant	1439.184	Ethane	0.32678	mg/L
Ethylene Quant	1031.596	Ethylene	0.30446	mg/L

Sample # MSD

Temperature (*C)	23.9
Tare weight (g)	25.5
Total weight (g)	68.0
Headspace weight	62.9

	True Value	Calculated			
Methane Quant	1544.213	1421.004	Methane	92.02	%
Ethane Quant	1439.184	1310.490	Ethane	91.06	%
Ethylene Quant	1031.596	914.999	Ethylene	88.70	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325011.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:42 am
Operator : TPH
Sample : 24K1125-05MSD Inst : SYSI
Misc : 1,1,0.2,0.2,1XMSD
ALS Vial : 11 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:51:41 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

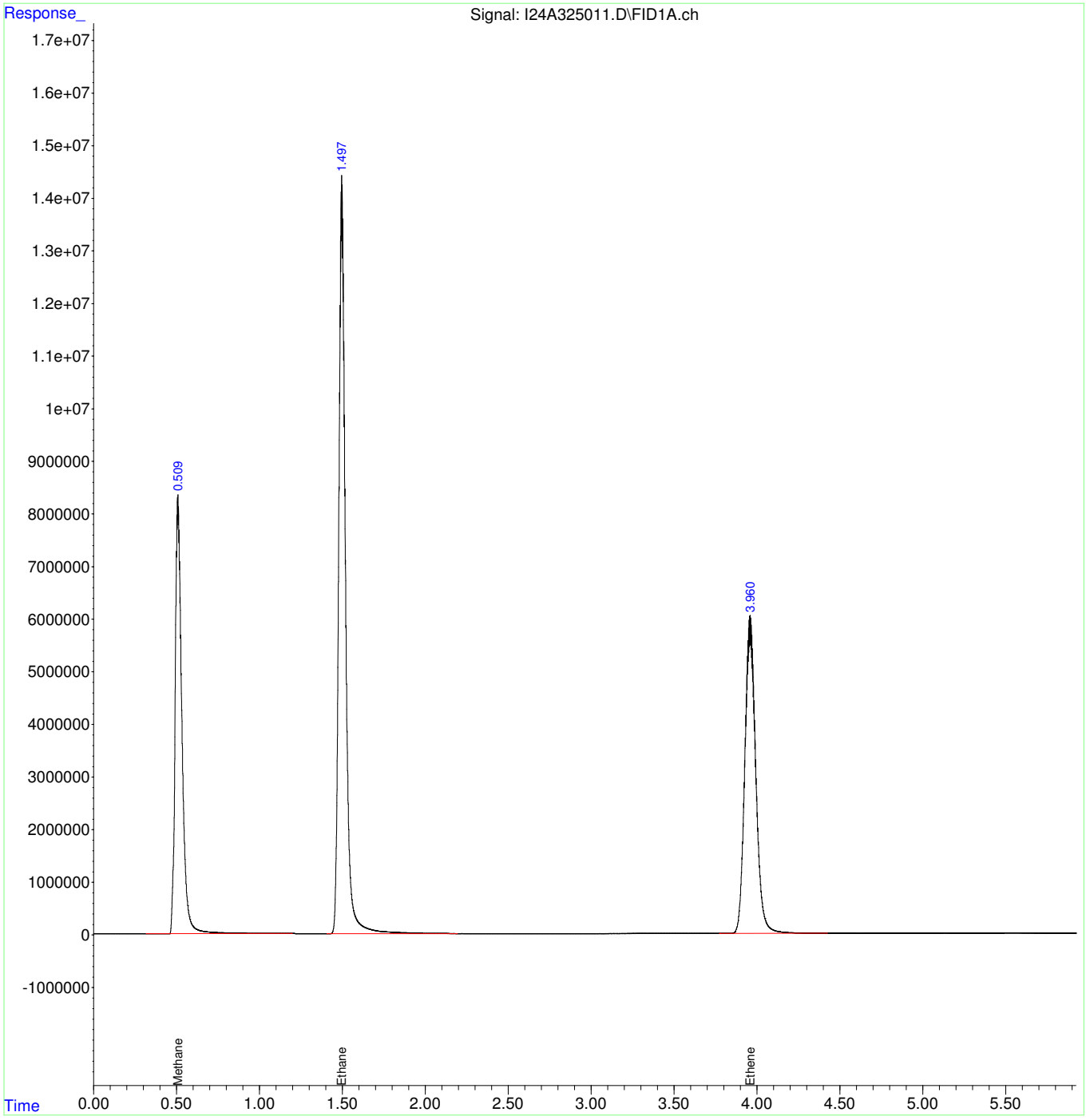
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.509	232360348	1421.004	PPMv
2) Ethane	1.498	398325662	1310.490	PPMv
3) Ethene	3.959	271881520	914.999	PPMv

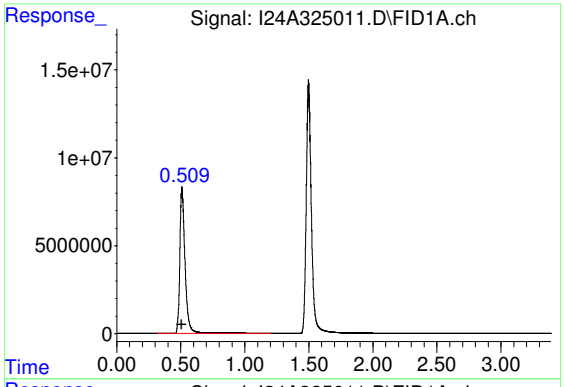
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325011.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 10:42 am
Operator : TPH
Sample : 24K1125-05MSD Inst : SYSI
Misc : 1,1,0.2,0.2,1XMSD
ALS Vial : 11 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 10:51:41 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

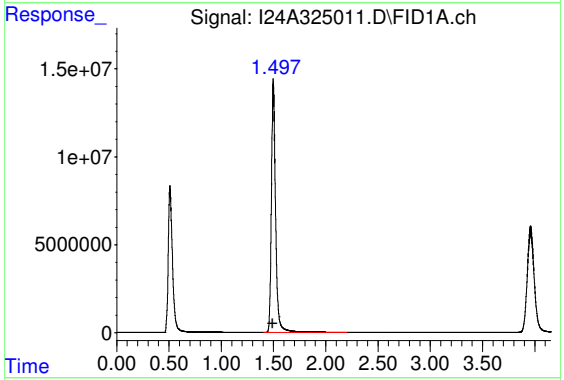
Volume Inj. :
Signal Phase :
Signal Info :





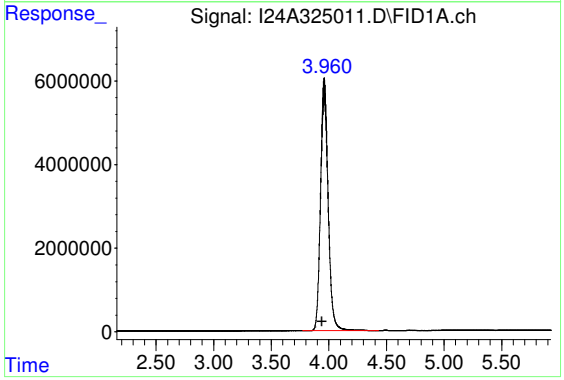
#1 Methane

R.T.: 0.509 min
Delta R.T.: 0.003 min
Response: 232360348
Conc: 1421.00 PPMv



#2 Ethane

R.T.: 1.498 min
Delta R.T.: 0.007 min
Response: 398325662
Conc: 1310.49 PPMv



#3 Ethene

R.T.: 3.959 min
Delta R.T.: 0.019 min
Response: 271881520
Conc: 915.00 PPMv

C:\MassHunter\GCMS\1\data\I112024\

Date	Filename	Lab ID	Sample Info
20 Nov 2024 09:13 am	I24A325001.D	CCV1	20uL CTS-252 10-18-25
20 Nov 2024 09:21 am	I24A325002.D	LCS1	200uL CTS-267 04-02-27
20 Nov 2024 09:36 am	I24A325003.D	MBL1	1,1,0.2,0.2,1X
20 Nov 2024 09:45 am	I24A325004.D	24K1125-01	1,1,0.2,0.2,1X
20 Nov 2024 09:53 am	I24A325005.D	24K1125-02	1,1,0.2,0.2,1X
20 Nov 2024 10:00 am	I24A325006.D	24K1125-02DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 10:08 am	I24A325007.D	24K1125-03	1,1,0.2,0.2,1X
20 Nov 2024 10:17 am	I24A325008.D	24K1125-04	1,1,0.2,0.2,1X
20 Nov 2024 10:28 am	I24A325009.D	24K1125-05	1,1,0.2,0.2,1X
20 Nov 2024 10:35 am	I24A325010.D	24K1125-05MS	1,1,0.2,0.2,1XMS
20 Nov 2024 10:42 am	I24A325011.D	24K1125-05MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 10:50 am	I24A325012.D	24K1125-06	1,1,0.2,0.2,1X
20 Nov 2024 10:57 am	I24A325013.D	24K1125-07	1,1,0.2,0.2,1X
20 Nov 2024 11:04 am	I24A325014.D	24K1125-07 5X	1,1,0.2,0.04,5X
20 Nov 2024 11:12 am	I24A325015.D	CCV2	20uL CTS-252 10-18-25
20 Nov 2024 11:23 am	I24A325016.D	24K1130-01	1,1,0.2,0.2,1X
20 Nov 2024 11:30 am	I24A325017.D	24K1130-01MS	1,1,0.2,0.2,1XMS
20 Nov 2024 11:38 am	I24A325018.D	24K1130-01MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 11:46 am	I24A325019.D	24K1130-02	1,1,0.2,0.2,1X
20 Nov 2024 11:57 am	I24A325020.D	24K1130-03	1,1,0.2,0.2,1X
20 Nov 2024 12:05 pm	I24A325021.D	24K1130-04	1,1,0.2,0.2,1X
20 Nov 2024 12:13 pm	I24A325022.D	24K1130-04DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 12:21 pm	I24A325023.D	CCV3	20uL CTS-252 10-18-25
20 Nov 2024 12:28 pm	I24A325024.D	24K1131-01	1,1,0.2,0.2,1X
20 Nov 2024 12:37 pm	I24A325025.D	24K1131-02	1,1,0.2,0.2,1X
20 Nov 2024 12:44 pm	I24A325026.D	24K1131-03	1,1,0.2,0.2,1X
20 Nov 2024 12:51 pm	I24A325027.D	24K1131-03MS	1,1,0.2,0.2,1XMS
20 Nov 2024 01:00 pm	I24A325028.D	24K1131-03MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 01:08 pm	I24A325029.D	24K1131-04	1,1,0.2,0.2,1X
20 Nov 2024 01:20 pm	I24A325030.D	24K1131-04DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 01:40 pm	I24A325031.D	24K1131-05	1,1,0.2,0.2,1X
20 Nov 2024 01:47 pm	I24A325032.D	24K1131-06	1,1,0.2,0.2,1X
20 Nov 2024 01:58 pm	I24A325033.D	24K1131-07	1,1,0.2,0.2,1X
20 Nov 2024 02:05 pm	I24A325034.D	CCV4	20uL CTS-252 10-18-25

RSK-175 Dissolved Gasses

	Sample ID		Sample Weight (g) Empty Vial	Total	Headspace	Room Temp (*C)	pH	Date	Analyst
1	MBL1 20mL	-	17.20	37.52	32.70	22.80	-	11/11/2024	TPH
2	LCS1 20mL	-	17.23	37.62	32.62	22.80	-	11/11/2024	TPH
3	24J4499-01	C	18.13	38.02	32.82	22.70	<2	11/11/2024	TPH
4	24K0287-01	C	18.07	37.85	33.06	22.60	5	11/11/2024	TPH
5	MBL1	-	28.96	71.07	66.23	22.90	-	11/11/2024	TPH
6	LCS1	-	29.08	71.20	65.93	22.90	-	11/11/2024	TPH
7	24K0284-01	A	28.56	71.88	66.91	23.10	6	11/11/2024	TPH
8	24K0284-02	A	28.06	70.69	65.77	23.20	6	11/11/2024	TPH
9	24K0284-03	A	27.57	70.42	65.38	23.10	<2	11/11/2024	TPH
10	24K0284-04	A	28.05	71.38	66.46	23.00	<2	11/11/2024	TPH
11	24K0284-05	A	28.18	71.38	66.67	22.90	<2	11/11/2024	TPH
12	24K0284-06	A	28.29	71.33	66.58	22.90	<2	11/11/2024	TPH
13	24K0284-07	A	27.90	70.42	65.62	22.80	<2	11/11/2024	TPH
14	MBL1	-	28.96	71.07	66.23	23.30	-	11/12/2024	TPH
15	LCS1	-	29.08	71.20	65.93	23.30	-	11/12/2024	TPH
16	24K0655-01	A	25.53	67.92	62.58	22.70	<2	11/12/2024	TPH
17	24K0655-02	A	25.49	67.84	62.97	22.60	<2	11/12/2024	TPH
18	24K0655-03	A	25.39	67.83	62.95	22.80	<2	11/12/2024	TPH
19	24K0655-04	A	25.58	67.63	62.74	22.90	<2	11/12/2024	TPH
20	24K0655-05	A	25.44	67.93	63.26	22.60	<2	11/12/2024	TPH
21	24K0655-06	A	25.92	67.84	62.87	22.60	<2	11/12/2024	TPH
22	24K0686-01	I	29.98	71.59	66.48	22.80	<2	11/12/2024	TPH
23	24K0723-01	A	26.00	68.13	63.16	22.70	<2	11/12/2024	TPH
24	24K0723-02	A	25.33	67.34	62.50	22.70	<2	11/12/2024	TPH
25	24K0723-03	A	25.39	67.56	62.62	22.70	<2	11/12/2024	TPH
26	24K0723-04	A	25.44	67.82	62.89	22.60	<2	11/12/2024	TPH
27	24K0723-05	A	25.48	67.82	62.78	22.80	<2	11/12/2024	TPH
28	MBL1	-	29.35	71.52	66.61	23.00	-	11/19/2024	TPH
29	LCS1	-	29.23	71.11	66.03	23.40	-	11/19/2024	TPH
30	24K0600-01	I	29.58	70.89	65.81	23.00	<2	11/19/2024	TPH
31	24K0600-02	I	30.15	71.55	66.74	23.00	<2	11/19/2024	TPH
32	24K0600-03	I	30.06	72.15	67.01	23.10	<2	11/19/2024	TPH
33	24K0600-04	I	29.92	71.47	66.61	23.10	<2	11/19/2024	TPH
34	24K0600-05	I	29.87	71.70	66.70	23.00	<2	11/19/2024	TPH
35	24K0600-06	I	29.55	70.83	65.91	23.00	<2	11/19/2024	TPH
36	24K0600-07	I	30.28	72.04	67.19	23.00	<2	11/19/2024	TPH
37	24K0600-08	I	29.89	70.77	66.14	23.00	<2	11/19/2024	TPH
38	24K0600-09	I	30.44	72.18	67.21	22.90	<2	11/19/2024	TPH
39	24K0600-10	I	30.07	71.71	66.67	22.80	<2	11/19/2024	TPH
40	24K0600-11	I	30.11	71.49	66.49	22.80	<2	11/19/2024	TPH
41	24K1081-01	G	26.01	68.47	63.37	22.80	<2	11/19/2024	TPH
42	24K1081-02	G	25.87	68.19	63.29	22.80	<2	11/19/2024	TPH
43	24K1082-01	D	25.84	68.97	64.12	22.80	<2	11/19/2024	TPH
44	MBL1	-	29.35	71.52	66.61	23.70	-	11/20/2024	TPH
45	LCS1	-	29.23	71.11	66.03	23.60	-	11/20/2024	TPH
46	24K1125-01	A	25.53	68.03	62.96	23.40	<2	11/20/2024	TPH
47	24K1125-02	A	25.58	67.94	62.93	24.00	<2	11/20/2024	TPH
48	24K1125-03	A	25.55	67.83	62.74	23.30	<2	11/20/2024	TPH
49	24K1125-04	A	25.44	67.91	63.03	23.00	<2	11/20/2024	TPH
50	24K1125-05	A	25.48	67.59	62.60	22.60	<2	11/20/2024	TPH

RSK-175 Dissolved Gasses

	Sample ID		Sample Weight (g) Empty Vial	Total	Headspace	Room Temp (*C)	pH	Date	Analyst
1	24K1125-05	B	25.52	68.03	62.89	23.90	<2	11/20/2024	TPH
2	24K1125-06	A	25.46	68.06	63.13	23.60	<2	11/20/2024	TPH
3	24K1125-07	A	25.78	68.30	63.33	23.70	<2	11/20/2024	TPH
4	24K1130-01	A	25.39	67.75	62.81	23.40	<2	11/20/2024	TPH
5	24K1130-01	B	25.73	68.36	63.31	23.20	<2	11/20/2024	TPH
6	24K1130-02	A	25.46	67.56	62.68	23.60	<2	11/20/2024	TPH
7	24K1130-03	A	25.23	67.42	62.71	24.10	<2	11/20/2024	TPH
8	24K1130-04	A	25.67	68.20	63.24	22.60	<2	11/20/2024	TPH
9	24K1131-01	A	25.57	67.85	62.75	22.80	<2	11/20/2024	TPH
10	24K1131-02	A	25.44	67.40	62.34	22.90	<2	11/20/2024	TPH
11	24K1131-03	A	25.46	67.69	62.98	23.50	<2	11/20/2024	TPH
12	24K1131-03	B	25.50	68.10	63.00	23.40	<2	11/20/2024	TPH
13	24K1131-04	A	26.56	69.15	64.15	23.10	<2	11/20/2024	TPH
14	24K1131-05	A	25.34	67.46	62.47	23.20	<2	11/20/2024	TPH
15	24K1131-06	A	26.33	69.05	64.13	23.60	<2	11/20/2024	TPH
16	24K1131-07	A	25.25	67.28	62.26	23.70	<2	11/20/2024	TPH
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ANALYTICAL REPORT

Lab Number:	L2466272
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Matthew Smith
Phone:	(631) 630-2392
Project Name:	1000 TURK HILL RD
Project Number:	3113.0001Y000
Report Date:	11/27/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466272-01	MW-16S	WATER	FAIRPORT, NY	11/12/24 11:50	11/12/24
L2466272-02	MW-2S	WATER	FAIRPORT, NY	11/12/24 09:15	11/12/24
L2466272-03	MW-8S	WATER	FAIRPORT, NY	11/12/24 10:25	11/12/24
L2466272-04	RXMW-9S	WATER	FAIRPORT, NY	11/12/24 09:10	11/12/24
L2466272-05	MW-27S	WATER	FAIRPORT, NY	11/12/24 10:40	11/12/24
L2466272-06	MW-35M	WATER	FAIRPORT, NY	11/12/24 12:40	11/12/24
L2466272-07	BLIND DUPLICATE	WATER	FAIRPORT, NY	11/12/24 10:45	11/12/24

Project Name:	1000 TURK HILL RD	**Lab Number:**	L2466272
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	1000 TURK HILL RD	**Lab Number:**	L2466272
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

Case Narrative (continued)

Report Submission

November 27, 2024: This final report includes the results of all requested analyses.

November 19, 2024: 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 analyses of Dechlorinating Bacteria and Dissolved Gases were subcontracted. Copies of the laboratory reports are included as an addendum. Please note: This data is only available in PDF format and is not available on Data Merger.

Sample Receipt

The analyses performed were specified by the client.

L2466272-04: The sample identified as "MW-9S" on the chain of custody was identified as "RXMW-9S" on the container label. At the client's request, the sample is reported as "RXMW-9S".

Carbon Dioxide

L2466272-04D: The sample has an elevated detection limit due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG1998340-6/-7 MS/MSD recoveries, performed on L2466272-03, are outside the acceptance criteria for carbon dioxide (155%/139%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

The WG1999010-4/-5 MS/MSD recoveries, performed on L2466272-04, are outside the acceptance criteria for carbon dioxide (175%/283%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Nitrogen, Nitrate/Nitrite

Project Name:	1000 TURK HILL RD	**Lab Number:**	L2466272
Project Number:	3113.0001Y000	**Report Date:**	11/27/24

Case Narrative (continued)

The WG1996962-4 MS recovery, performed on L2466272-03, is outside the acceptance criteria for nitrogen, nitrate/nitrite (50%); however, the associated LCS recovery is within criteria. No further action was taken.

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: Cristin Walker

Title: Technical Director/Representative Date: 11/27/24

ORGANICS

VOLATILES

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-01
Client ID: MW-16S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 11:50
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 20:09
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-01 Date Collected: 11/12/24 11:50

Client ID: MW-16S Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	3.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	1.1	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-01
Client ID: MW-16S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 11:50
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	111		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-01
Client ID: MW-16S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 11:50
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 14:44
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	ND		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-02
Client ID: MW-2S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 09:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 20:33
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-02 Date Collected: 11/12/24 09:15

Client ID: MW-2S Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.66		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	0.92	J	ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	0.92	J	ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-02
Client ID: MW-2S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 09:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	110		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-02
Client ID: MW-2S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 09:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 15:02
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	48.4		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-03
Client ID: MW-8S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:25
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 20:56
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	16		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-03 Date Collected: 11/12/24 10:25

Client ID: MW-8S Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.88		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	13		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	13		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-03
Client ID: MW-8S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:25
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	109		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-03
Client ID: MW-8S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:25
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 11:02
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	81.4		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-04 D
Client ID: RXMW-9S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 09:10
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 22:31
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
1,3-Dichloropropene, Total	ND		ug/l	5.0	1.4	10
1,1-Dichloropropene	ND		ug/l	25	7.0	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	870		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-04 D Date Collected: 11/12/24 09:10
Client ID: RXMW-9S Date Received: 11/12/24
Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	24		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	1.7	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
Xylenes, Total	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	520		ug/l	25	7.0	10
1,2-Dichloroethene, Total	520		ug/l	25	7.0	10
Dibromomethane	ND		ug/l	50	10.	10
1,2,3-Trichloropropane	ND		ug/l	25	7.0	10
Acrylonitrile	ND		ug/l	50	15.	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	230		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	94		ug/l	50	19.	10
Vinyl acetate	ND		ug/l	50	10.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
2,2-Dichloropropane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,3-Dichloropropane	ND		ug/l	25	7.0	10
1,1,1,2-Tetrachloroethane	ND		ug/l	25	7.0	10
Bromobenzene	ND		ug/l	25	7.0	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
o-Chlorotoluene	ND		ug/l	25	7.0	10
p-Chlorotoluene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Hexachlorobutadiene	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-04 D
Client ID: RXMW-9S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 09:10
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	610	10
p-Diethylbenzene	ND		ug/l	20	7.0	10
p-Ethyltoluene	ND		ug/l	20	7.0	10
1,2,4,5-Tetramethylbenzene	ND		ug/l	20	5.4	10
Ethyl ether	ND		ug/l	25	7.0	10
trans-1,4-Dichloro-2-butene	ND		ug/l	25	7.0	10
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	110		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-04 D
Client ID: RXMW-9S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 09:10
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/18/24 13:04
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	314		mg/l	6.00	6.00	2

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-05
Client ID: MW-27S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 21:20
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	2.1		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-05 Date Collected: 11/12/24 10:40

Client ID: MW-27S Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.19	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-05
Client ID: MW-27S
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	111		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-05
Client ID: MW-27S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 16:13
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	85.8		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-06
Client ID: MW-35M
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 12:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 21:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	87		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-06 Date Collected: 11/12/24 12:40

Client ID: MW-35M Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	110		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	110		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-06
Client ID: MW-35M
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 12:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	108		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-06
Client ID: MW-35M
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 12:40
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 16:31
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	13.5		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-07
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 22:08
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	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	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.8		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD **Lab Number:** L2466272

Project Number: 3113.0001Y000 **Report Date:** 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-07 Date Collected: 11/12/24 10:45

Client ID: BLIND DUPLICATE Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.19	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-07
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 10:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
No Tentatively Identified Compounds	ND		ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	90		70-130
Dibromofluoromethane	110		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-07
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:45
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 117,-
Analytical Date: 11/16/24 16:49
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Dissolved Gases by GC - Mansfield Lab						
Carbon Dioxide	81.7		mg/l	3.00	3.00	1

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 11/16/24 10:28
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03,05-07 Batch: WG1998340-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998880-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
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	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998880-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998880-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 14:37
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG1998880-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	107		70-130

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 11/18/24 12:44
Analyst: MLM

Parameter	Result	Qualifier	Units	RL	MDL
Dissolved Gases by GC - Mansfield Lab for sample(s): 04 Batch: WG1999010-3					
Carbon Dioxide	ND		mg/l	3.00	3.00

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab	Associated sample(s): 01-03,05-07		Batch: WG1998340-2					
Carbon Dioxide	88		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998880-3 WG1998880-4								
Methylene chloride	100		94		70-130	6		20
1,1-Dichloroethane	96		90		70-130	6		20
Chloroform	95		92		70-130	3		20
Carbon tetrachloride	100		96		63-132	4		20
1,2-Dichloropropane	98		92		70-130	6		20
Dibromochloromethane	100		96		63-130	4		20
1,1,2-Trichloroethane	92		88		70-130	4		20
Tetrachloroethene	98		90		70-130	9		20
Chlorobenzene	99		93		75-130	6		20
Trichlorofluoromethane	92		95		62-150	3		20
1,2-Dichloroethane	90		86		70-130	5		20
1,1,1-Trichloroethane	98		92		67-130	6		20
Bromodichloromethane	99		93		67-130	6		20
trans-1,3-Dichloropropene	87		82		70-130	6		20
cis-1,3-Dichloropropene	96		88		70-130	9		20
1,1-Dichloropropene	90		84		70-130	7		20
Bromoform	87		82		54-136	6		20
1,1,2,2-Tetrachloroethane	88		86		67-130	2		20
Benzene	99		94		70-130	5		20
Toluene	96		89		70-130	8		20
Ethylbenzene	92		86		70-130	7		20
Chloromethane	89		86		64-130	3		20
Bromomethane	94		83		39-139	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998880-3 WG1998880-4								
Vinyl chloride	97		89		55-140	9		20
Chloroethane	120		100		55-138	18		20
1,1-Dichloroethene	100		96		61-145	4		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	100		91		70-130	9		20
1,2-Dichlorobenzene	99		94		70-130	5		20
1,3-Dichlorobenzene	100		94		70-130	6		20
1,4-Dichlorobenzene	98		94		70-130	4		20
Methyl tert butyl ether	80		76		63-130	5		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	100		96		70-130	4		20
Dibromomethane	98		94		70-130	4		20
1,2,3-Trichloropropane	81		77		64-130	5		20
Acrylonitrile	93		92		70-130	1		20
Styrene	95		90		70-130	5		20
Dichlorodifluoromethane	69		66		36-147	4		20
Acetone	98		91		58-148	7		20
Carbon disulfide	99		91		51-130	8		20
2-Butanone	80		91		63-138	13		20
Vinyl acetate	93		88		70-130	6		20
4-Methyl-2-pentanone	70		63		59-130	11		20
2-Hexanone	68		68		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998880-3 WG1998880-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	92		85		63-133	8		20
1,2-Dibromoethane	94		89		70-130	5		20
1,3-Dichloropropane	87		84		70-130	4		20
1,1,1,2-Tetrachloroethane	100		96		64-130	4		20
Bromobenzene	95		93		70-130	2		20
n-Butylbenzene	93		86		53-136	8		20
sec-Butylbenzene	95		88		70-130	8		20
tert-Butylbenzene	94		87		70-130	8		20
o-Chlorotoluene	91		86		70-130	6		20
p-Chlorotoluene	91		86		70-130	6		20
1,2-Dibromo-3-chloropropane	95		90		41-144	5		20
Hexachlorobutadiene	84		80		63-130	5		20
Isopropylbenzene	93		80		70-130	15		20
p-Isopropyltoluene	98		98		70-130	0		20
Naphthalene	87		84		70-130	4		20
n-Propylbenzene	91		85		69-130	7		20
1,2,3-Trichlorobenzene	88		86		70-130	2		20
1,2,4-Trichlorobenzene	84		80		70-130	5		20
1,3,5-Trimethylbenzene	94		88		64-130	7		20
1,2,4-Trimethylbenzene	94		88		70-130	7		20
1,4-Dioxane	120		116		56-162	3		20
p-Diethylbenzene	94		87		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG1998880-3 WG1998880-4								
p-Ethyltoluene	94		88		70-130	7		20
1,2,4,5-Tetramethylbenzene	91		85		70-130	7		20
Ethyl ether	87		88		59-134	1		20
trans-1,4-Dichloro-2-butene	79		77		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	85		93		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	88		90		70-130
Dibromofluoromethane	105		103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab	Associated sample(s): 04		Batch: WG1999010-2					
Carbon Dioxide	86		-		80-120	-		

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03,05-07 QC Batch ID: WG1998340-6 WG1998340-7 QC Sample: L2466272-03 Client ID: MW-8S												
Carbon Dioxide	81.4	12	100	**155**	Q	98.1	**139**	Q	80-120	2		25

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998880-6 WG1998880-7 QC Sample: L2466272-03 Client ID: MW-8S												
Methylene chloride	ND	10	9.6	96		9.6	96		70-130	0		20
1,1-Dichloroethane	ND	10	9.1	91		9.4	94		70-130	3		20
Chloroform	ND	10	9.3	93		9.8	98		70-130	5		20
Carbon tetrachloride	ND	10	10	100		10	100		63-132	0		20
1,2-Dichloropropane	ND	10	9.3	93		9.3	93		70-130	0		20
Dibromochloromethane	ND	10	9.6	96		9.9	99		63-130	3		20
1,1,2-Trichloroethane	ND	10	8.9	89		9.2	92		70-130	3		20
Tetrachloroethene	ND	10	9.0	90		9.3	93		70-130	3		20
Chlorobenzene	ND	10	9.1	91		9.5	95		75-130	4		20
Trichlorofluoromethane	ND	10	9.7	97		9.9	99		62-150	2		20
1,2-Dichloroethane	ND	10	8.8	88		8.8	88		70-130	0		20
1,1,1-Trichloroethane	ND	10	9.5	95		9.7	97		67-130	2		20
Bromodichloromethane	ND	10	9.4	94		9.4	94		67-130	0		20
trans-1,3-Dichloropropene	ND	10	7.9	79		8.2	82		70-130	4		20
cis-1,3-Dichloropropene	ND	10	7.8	78		8.1	81		70-130	4		20
1,1-Dichloropropene	ND	10	8.8	88		9.0	90		70-130	2		20
Bromoform	ND	10	8.1	81		8.4	84		54-136	4		20
1,1,2,2-Tetrachloroethane	ND	10	8.4	84		8.7	87		67-130	4		20
Benzene	ND	10	9.5	95		9.7	97		70-130	2		20
Toluene	ND	10	8.8	88		9.2	92		70-130	4		20
Ethylbenzene	ND	10	8.4	84		8.9	89		70-130	6		20
Chloromethane	ND	10	9.1	91		8.5	85		64-130	7		20
Bromomethane	ND	10	6.0	60		7.1	71		39-139	17		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998880-6 WG1998880-7 QC Sample: L2466272-03 Client ID: MW-8S												
Vinyl chloride	16	10	30	140		28	120		55-140	7		20
Chloroethane	ND	10	12	120		11	110		55-138	9		20
1,1-Dichloroethene	ND	10	10	100		10	100		61-145	0		20
trans-1,2-Dichloroethene	ND	10	9.9	99		10	100		70-130	1		20
Trichloroethene	0.88	10	10	91		11	101		70-130	10		20
1,2-Dichlorobenzene	ND	10	9.1	91		9.6	96		70-130	5		20
1,3-Dichlorobenzene	ND	10	9.1	91		9.3	93		70-130	2		20
1,4-Dichlorobenzene	ND	10	9.0	90		9.2	92		70-130	2		20
Methyl tert butyl ether	ND	10	7.5	75		8.1	81		63-130	8		20
p/m-Xylene	ND	20	18	90		18	90		70-130	0		20
o-Xylene	ND	20	18	90		18	90		70-130	0		20
cis-1,2-Dichloroethene	13	10	28	**150**	Q	27	**140**	Q	70-130	4		20
Dibromomethane	ND	10	9.5	95		9.5	95		70-130	0		20
1,2,3-Trichloropropane	ND	10	8.0	80		7.8	78		64-130	3		20
Acrylonitrile	ND	10	9.0	90		9.5	95		70-130	5		20
Styrene	ND	20	17	85		18	90		70-130	6		20
Dichlorodifluoromethane	ND	10	7.2	72		7.4	74		36-147	3		20
Acetone	ND	10	10	100		11	110		58-148	10		20
Carbon disulfide	ND	10	9.5	95		9.8	98		51-130	3		20
2-Butanone	ND	10	7.9	79		9.2	92		63-138	15		20
Vinyl acetate	ND	10	7.0	70		6.9	**69**	Q	70-130	1		20
4-Methyl-2-pentanone	ND	10	6.2	62		6.9	69		59-130	11		20
2-Hexanone	ND	10	6.5	65		6.8	68		57-130	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998880-6 WG1998880-7 QC Sample: L2466272-03 Client ID: MW-8S												
Bromochloromethane	ND	10	11	110		11	110		70-130	0		20
2,2-Dichloropropane	ND	10	6.6	66		6.7	67		63-133	2		20
1,2-Dibromoethane	ND	10	9.0	90		9.3	93		70-130	3		20
1,3-Dichloropropane	ND	10	8.4	84		8.7	87		70-130	4		20
1,1,1,2-Tetrachloroethane	ND	10	9.5	95		10	100		64-130	5		20
Bromobenzene	ND	10	8.8	88		9.1	91		70-130	3		20
n-Butylbenzene	ND	10	8.2	82		8.6	86		53-136	5		20
sec-Butylbenzene	ND	10	8.5	85		9.0	90		70-130	6		20
tert-Butylbenzene	ND	10	8.5	85		8.9	89		70-130	5		20
o-Chlorotoluene	ND	10	8.3	83		8.5	85		70-130	2		20
p-Chlorotoluene	ND	10	8.1	81		8.5	85		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	10	8.6	86		9.0	90		41-144	5		20
Hexachlorobutadiene	ND	10	7.1	71		7.6	76		63-130	7		20
Isopropylbenzene	ND	10	8.4	84		8.9	89		70-130	6		20
p-Isopropyltoluene	ND	10	8.5	85		9.5	95		70-130	11		20
Naphthalene	ND	10	8.2	82		8.6	86		70-130	5		20
n-Propylbenzene	ND	10	8.2	82		8.5	85		69-130	4		20
1,2,3-Trichlorobenzene	ND	10	8.2	82		8.6	86		70-130	5		20
1,2,4-Trichlorobenzene	ND	10	7.6	76		8.1	81		70-130	6		20
1,3,5-Trimethylbenzene	ND	10	8.4	84		8.8	88		64-130	5		20
1,2,4-Trimethylbenzene	ND	10	8.5	85		8.9	89		70-130	5		20
1,4-Dioxane	ND	500	440	88		460	92		56-162	4		20
p-Diethylbenzene	ND	10	8.2	82		8.8	88		70-130	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998880-6 WG1998880-7 QC Sample: L2466272-03 Client ID: MW-8S												
p-Ethyltoluene	ND	10	8.4	84		8.8	88		70-130	5		20
1,2,4,5-Tetramethylbenzene	ND	10	7.8	78		8.3	83		70-130	6		20
Ethyl ether	ND	10	8.9	89		9.0	90		59-134	1		20
trans-1,4-Dichloro-2-butene	ND	10	6.8	**68**	Q	7.3	73		70-130	7		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		83		70-130
4-Bromofluorobenzene	89		89		70-130
Dibromofluoromethane	107		106		70-130
Toluene-d8	95		93		70-130

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 04 QC Batch ID: WG1999010-4 WG1999010-5 QC Sample: L2466272-04 Client ID: RXMW-9S												
Carbon Dioxide	314	12	335	**175**	Q	348	**283**	Q	80-120	4		25

INORGANICS
&
MISCELLANEOUS

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-01
Client ID: MW-16S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 11:50
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	1.3		mg/l	0.10	0.046	1	-	11/13/24 17:42	121,4500NO3-F	MRM
Sulfate	19.		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	2.5		mg/l	0.50	0.09	1	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-02
Client ID: MW-2S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 09:15
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	0.063	J	mg/l	0.10	0.046	1	-	11/13/24 17:43	121,4500NO3-F	MRM
Sulfate	28.		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	9.9		mg/l	5.0	0.97	10	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-03
Client ID: MW-8S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:25
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	11.		mg/l	1.0	0.46	10	-	11/13/24 18:29	121,4500NO3-F	MRM
Sulfate	110		mg/l	50	6.8	5	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	1.2		mg/l	1.0	0.19	2	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-04
Client ID: RXMW-9S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 09:10
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/13/24 19:36	121,4500NO3-F	MRM
Sulfate	32.		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	600		mg/l	50	9.7	100	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-05
Client ID: MW-27S
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:40
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/13/24 17:50	121,4500NO3-F	MRM
Sulfate	28.		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	5.9		mg/l	2.0	0.39	4	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-06
Client ID: MW-35M
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 12:40
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/13/24 17:51	121,4500NO3-F	MRM
Sulfate	47.		mg/l	25	3.4	2.5	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	5.6		mg/l	1.0	0.19	2	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

SAMPLE RESULTS

Lab ID: L2466272-07
Client ID: BLIND DUPLICATE
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 10:45
Date Received: 11/12/24
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										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/13/24 17:56	121,4500NO3-F	MRM
Sulfate	26.		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW
Total Organic Carbon	5.4		mg/l	1.0	0.19	2	-	11/18/24 02:03	1,9060A	DEW

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

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): 01-07 Batch: WG1996962-1										
Nitrogen, Nitrate/Nitrite	ND		mg/l	0.10	0.046	1	-	11/13/24 16:18	121,4500NO3-F	MRM
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1998679-1										
Total Organic Carbon	ND		mg/l	0.50	0.09	1	-	11/18/24 02:03	1,9060A	DEW
General Chemistry - Westborough Lab for sample(s): 01-07 Batch: WG1998886-1										
Sulfate	ND		mg/l	10	1.4	1	11/18/24 11:30	11/18/24 11:30	121,4500SO4-E	MRW

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1996962-2								
Nitrogen, Nitrate/Nitrite	98		-		90-110	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1998679-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-07 Batch: WG1998886-2								
Sulfate	95		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1996962-4 QC Sample: L2466272-03 Client ID: MW-8S												
Nitrogen, Nitrate/Nitrite	11.	4	13	**50**	Q	-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998679-4 QC Sample: L2466272-03 Client ID: MW-8S												
Total Organic Carbon	1.2	32	33	100		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998886-4 QC Sample: L2466272-03 Client ID: MW-8S												
Sulfate	110	200	310	100		-	-		55-147	-		14

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1000 TURK HILL RD

Project Number: 3113.0001Y000

Lab Number: L2466272

Report Date: 11/27/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1996962-3 QC Sample: L2466272-03 Client ID: MW-8S						
Nitrogen, Nitrate/Nitrite	11.	11	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998679-3 QC Sample: L2466272-03 Client ID: MW-8S						
Total Organic Carbon	1.2	1.2	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG1998886-3 QC Sample: L2466272-03 Client ID: MW-8S						
Sulfate	110	110	mg/l	0		14

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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466272-01A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-01B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-01C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-01D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-01E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-01F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-01G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-01H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-01J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-01K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-01L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-01M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)
L2466272-01N	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-01O	Plastic 950ml unpreserved	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-02A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-02B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-02C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-02D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-02E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-02F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-02G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-02H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466272-02J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-02K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-02L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-02M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)
L2466272-02N	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-02O	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-03A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-03A1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03A2	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-03B1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03B2	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-03C1	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03C2	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-03D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-03D1	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-03D2	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-03E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-03E1	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-03E2	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-03F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-03F1	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03F2	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-03G1	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03G2	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466272-03H1	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03H2	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-03J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-03J1	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-03J2	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-03K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-03K1	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-03K2	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-03L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-03L1	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		SO4-4500(28)
L2466272-03L2	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		SO4-4500(28)
L2466272-03M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)
L2466272-03M1	Plastic 250ml H2SO4 preserved	B	<2	<2	3.1	Y	Absent		NO3/NO2-4500(28)
L2466272-03M2	Plastic 250ml H2SO4 preserved	B	<2	<2	3.1	Y	Absent		NO3/NO2-4500(28)
L2466272-04A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-04B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-04C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-04D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-04E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-04F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-04G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-04H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-04J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-04K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-04L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-04M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)
L2466272-04N	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-05A	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466272-05B	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-05C	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466272-05D	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-05E	Vial unpreserved 20ml	B	NA		3.1	Y	Absent		DISSGAS-CO2(7)
L2466272-05F	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-05G	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-05H	Vial H2SO4 preserved	B	NA		3.1	Y	Absent		TOC-9060(28)
L2466272-05J	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-05K	Vial HCl preserved	B	NA	NA	3.1	Y	Absent		SUB-DISSGAS(14)
L2466272-05L	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		SO4-4500(28)
L2466272-05M	Plastic 250ml H2SO4 preserved	B	<2	<2	3.1	Y	Absent		NO3/NO2-4500(28)
L2466272-06A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-06B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-06C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-06D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-06E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-06F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-06G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-06H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-06J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-06K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-06L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-06M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)
L2466272-06N	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-06O	Unpreserved Centrifuge Tube	A	NA	NA	4.3	Y	Absent		SUB-DHC()
L2466272-07A	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-07B	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)
L2466272-07C	Vial HCl preserved	A	NA		4.3	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466272-07D	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-07E	Vial unpreserved 20ml	A	NA		4.3	Y	Absent		DISSGAS-CO2(7)
L2466272-07F	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-07G	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-07H	Vial H2SO4 preserved	A	NA		4.3	Y	Absent		TOC-9060(28)
L2466272-07J	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-07K	Vial HCl preserved	A	NA	NA	4.3	Y	Absent		SUB-DISSGAS(14)
L2466272-07L	Plastic 250ml unpreserved	A	7	7	4.3	Y	Absent		SO4-4500(28)
L2466272-07M	Plastic 250ml H2SO4 preserved	A	<2	<2	4.3	Y	Absent		NO3/NO2-4500(28)

*Values in parentheses indicate holding time in days

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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.

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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.)

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000
Lab Number: L2466272
Report Date: 11/27/24

REFERENCES

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

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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.

Serial_No:11272411:00

L2466272 ROUX – NY 26NOV24

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 11/13/24

Project Information

Project Name: 1000 Turk Hill Rd
Project Location: Fairport NY
Project # 3113.0001Y000
(Use Project name as Project #) ☐
Project Manager: Burt Smith
ALPHAQuote #:

Client Information

Client: Roux
Address: 252 W 37th St
New York, New York
Phone: 716-713-3937
Fax:
Email: masmith@rouxinc.com

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Short hold Time

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs Site + TICs	Methane, ethane, ethene	TOC	Nitrate/Nitrite	Sulfate	Carbon dioxide	BOD		Sample Specific Comments	Total Bottles
66272-01	MW-16S	11/12/24	11:50	AQ	NLS	X	X	X	X	X	X	X			
02	MW-2S	↓	9:15	↓	NLS	X	X	X	X	X	X	X			
03	MW-8S	↓	16:25	↓	NLS	X	X	X	X	X	X			MS/MSD	
04	MW-4S	↓	9:10	↓	MV	X	X	X	X	X	X	X			
05	MW-27S	↓	10:40	↓	MV	X	X	X	X	X	X				
06	MW-35M	↓	12:40	↓	MV	X	X	X	X	X	X	X			
07	Blind Duplicate	↓	10:45	↓	MV	X	X	X	X	X	X				

Preservative Code:	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/12/24 16:15	Napoli PACE	11/12/24 16:15
Napoli PACE	11/12/24 16:52	Roch. S.C.	11/12/24 16:52
Russell B. Bishop	11-12-24 18:21	[signature]	11-12-24
[signature]	11-13-24 0130	[signature]	11/13/24 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

10515 Research Dr.
Knoxville, TN 37932
Phone: (865) 573-8188
Fax: (865) 573-8133

ACCREDITED
CERTIFICATE #7157.01

Client: Jennifer Byrnes
Pace Analytical (Formerly AlphaLab)
8 Walkup Dr
Westborough, MA 01581

Phone: 716-427-5228

Fax:

Identifier: 064VK **Date Rec:** 11/15/2024 **Report Date:** 11/20/2024

Client Project #: L2466272 **Client Project Name:**

Purchase Order #: L2466272

Test Results Provided For: CENSUS

Reviewed By: Sarah Keys

MICROBIAL INSIGHTS, INC.

10515 Research Dr., Knoxville TN 37932
Tel. (865) 573-8188 Fax. (865) 573-8133

CENSUS

Client: **Pace Analytical (Formerly AlphaLab)** **MI Project Number:** **064VK**

Project: Date Received: 11/15/2024

Sample Information

Client Sample ID:		**L2466272-01 / MW-16S**	**L2466272-02 / MW-2S**	**L2466272-04 / RXMW-9S**	**L2466272-06 / MW-35M**
Sample Date:		11/12/2024	11/12/2024	11/12/2024	11/12/2024
Units:		cells/mL	cells/mL	cells/mL	cells/mL
Analyst/Reviewer:		AR/SK	AR/SK	AR/SK	AR/SK
Dechlorinating Bacteria					
Dehalococcoides	*DHC*	**7.40E+01**	<6.30E-01	**2.80E+04**	<4.20E-01

Legend:
NA = Not Analyzed NS = Not Sampled J = Estimated gene copies below PQL but above LQL I = Inhibited
< = Result not detected

Quality Assurance/Quality Control Data

Samples Received: **11/15/2024**

Component	Date Prepared	Date Analyzed	Arrival Temperature	Positive Control	Extraction Blank	Negative Control
DHC	11/15/2024	11/20/2024	0°C	95%	non-detect	non-detect

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November 25, 2024

Jennifer Byrnes
Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581

Project Location: NY
Client Job Number:
Project Number: L2466272
Laboratory Work Order Number: 24K1131

Enclosed are results of analyses for samples as received by the laboratory on November 14, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Faust
Project Manager

Table of Contents

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581
ATTN: Jennifer Byrnes

REPORT DATE: 11/25/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2466272

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1131

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-16S	24K1131-01	Water		RSK175	
MW-2S	24K1131-02	Water		RSK175	
MW-8S	24K1131-03	Water		RSK175	
RXMW-9S	24K1131-04	Water		RSK175	
MW-27S	24K1131-05	Water		RSK175	
MW-35M	24K1131-06	Water		RSK175	
BLIND DUPLICATE	24K1131-07	Water		RSK175	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-16S | Sampled: 11/12/2024 11:50

Sample ID: 24K1131-01

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH
Methane	ND	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-2S | Sampled: 11/12/2024 09:15

Sample ID: 24K1131-02

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 12:37	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 12:37	TPH
Methane	0.0015	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 12:37	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-8S | Sampled: 11/12/2024 10:25

Sample ID: 24K1131-03

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0029	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 12:44	TPH
Ethene	0.0052	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 12:44	TPH
Methane	0.21	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 12:44	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: RXMW-9S | Sampled: 11/12/2024 09:10

Sample ID: 24K1131-04

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0042	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:08	TPH
Ethene	0.41	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 13:08	TPH
Methane	2.5	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:08	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-27S | Sampled: 11/12/2024 10:40

Sample ID: 24K1131-05

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.011	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:40	TPH
Ethene	0.015	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:40	TPH
Methane	1.2	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:40	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-35M | Sampled: 11/12/2024 12:40

Sample ID: 24K1131-06

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0026	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:47	TPH
Ethene	0.0079	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:47	TPH
Methane	0.12	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:47	TPH

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Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: BLIND DUPLICATE | Sampled: 11/12/2024 10:45

Sample ID: 24K1131-07

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.010	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:58	TPH
Ethene	0.015	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:58	TPH
Methane	1.0	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:58	TPH

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Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:RSK175**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1131-01 [MW-16S]	B392738	1	1.00	11/20/24
24K1131-02 [MW-2S]	B392738	1	1.00	11/20/24
24K1131-03 [MW-8S]	B392738	1	1.00	11/20/24
24K1131-04 [RXMW-9S]	B392738	1	1.00	11/20/24
24K1131-05 [MW-27S]	B392738	1	1.00	11/20/24
24K1131-06 [MW-35M]	B392738	1	1.00	11/20/24
24K1131-07 [BLIND DUPLICATE]	B392738	1	1.00	11/20/24

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QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392738 - SW-846 5035										
Blank (B392738-BLK1)				Prepared & Analyzed: 11/20/24						
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
LCS (B392738-BS1)				Prepared & Analyzed: 11/20/24						
Ethane	0.29		mg/L	0.3332		86.7	73.1-116			
Ethene	0.26		mg/L	0.3106		84.7	67.6-116			
Methane	0.15		mg/L	0.1780		83.4	73.2-114			
Duplicate (B392738-DUP3)		**Source: 24K1131-04**		Prepared & Analyzed: 11/20/24						
Ethane	0.00392	0.014	mg/L		0.00420			6.90	20	J
Ethene	0.389	0.017	mg/L		0.407			4.70	20	
Methane	2.42	0.0070	mg/L		2.53			4.38	20	
Matrix Spike (B392738-MS3)		**Source: 24K1131-03**		Prepared & Analyzed: 11/20/24						
Ethane	0.333		mg/L	0.3340	0.00291	98.7	0-200			
Ethene	0.307		mg/L	0.3115	0.00517	96.9	0-200			
Methane	0.389		mg/L	0.3057	0.210	58.4	0-200			
Matrix Spike Dup (B392738-MSD3)		**Source: 24K1131-03**		Prepared & Analyzed: 11/20/24						
Ethane	0.319		mg/L	0.3340	0.00291	94.6	0-200	4.21		
Ethene	0.296		mg/L	0.3115	0.00517	93.4	0-200	3.62		
Methane	0.373		mg/L	0.3057	0.210	53.3	0-200	4.06		

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
RSK175 in Water	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NY	New York State Department of Health	10899 NELAP	04/1/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24K1131RF

Subcontract Chain of Custody

Pace New England
39 Spruce St
East Longmeadow, MA 01028

Alpha Job Number
L2466272

Page 1

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 716.427.5228
Email: Jennifer.Byrnes@pacelabs.com

Project Information

Project Location: NY
Project Manager: Jennifer Byrnes

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2466272 Report to include Method and/or Regulatory required batch QC

Additional Comments: ASP B Report,M,E,E Only for Diss. gasses

Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2466272-01	MW-16S	11-12-24 11:50	WATER	Dissolved Gasses			2
	L2466272-02	MW-2S	11-12-24 09:15	WATER	Dissolved Gasses			2
	L2466272-03	MW-8S	11-12-24 10:25	WATER	Dissolved Gasses		MS;MSD	6
	L2466272-04	RXMW-9S	11-12-24 09:10	WATER	Dissolved Gasses			2
	L2466272-05	MW-27S	11-12-24 10:40	WATER	Dissolved Gasses			2
	L2466272-06	MW-35M	11-12-24 12:40	WATER	Dissolved Gasses			2
	L2466272-07	BLIND DUPLICATE	11-12-24 10:45	WATER	Dissolved Gasses			2

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[signature]	11/14 0540	[signature] PACE	11/14/24 0540
	[signature] PACE	11/14/24 0815	[signature] 0.6	11-14-24 8:15
Form No: AL_subcoc				

Pace

DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Log In Back-Sheet

Client Alpha

Project N/A

MCP/RCP Required N/A

Deliverable Package Requirement N/A

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL 11/14/24 0815

Back-Sheet By / Date / Time STM 11/14/24 1931

Temperature Method Gun #8

WV samples: Yes (see note*) / No (follow normal procedure)

Temp X ≤ 6° C Actual Temperature 0.6

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☒	☐
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☐

Project ☐ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: N/A ☐ ☐

Additional Container Notes

*Note, West Virginia requires all samples to have their temperature taken. Note any outliers.

Qualtrax ID: 120836

	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
Pace ANALYTICAL SERVICES	Effective Date: 06/11/2024

Sample																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Soils Jars (Circle Amb/Clear)	16oz Amb/Clear																				
	8oz Amb/Clear																				
	4oz Amb/Clear																				
	2oz Amb/Clear																				
Ambers 1 Liter	Unpreserved																				
	HCL																				
	Sulfuric																				
250mL	Sulfuric																				
	Phosphoric																				
	HCl																				
100mL	Unpreserved																				
Plastics 1 Liter	Unpreserved																				
	Sulfuric																				
500mL	Unpreserved																				
	Sulfuric																				
250mL	Unpreserved																				
	Trizma																				
	Sulfuric																				
	Nitric																				
	NaOH																				
	Ammonium Acetate																				
	NaOH/Zinc																				
VOA Vials	Unpreserved																				
	HCl	2	2	6	2	2	2	2													
	MeOH																				
	D.I. Water																				
	BiSulfate																				
Other / Fill in	Col/Bact																				

Data Package

ANALYTICAL. LIFE. SERVICE.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

November 25, 2024

Jennifer Byrnes
Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581

Project Location: NY
Client Job Number:
Project Number: L2466272
Laboratory Work Order Number: 24K1131

Enclosed are results of analyses for samples as received by the laboratory on November 14, 2024. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rebecca Faust
Project Manager

Table of Contents

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Alpha Analytical Laboratory
8 Walkup Drive
Westborough, MA 01581
ATTN: Jennifer Byrnes

REPORT DATE: 11/25/2024

PURCHASE ORDER NUMBER:

PROJECT NUMBER: L2466272

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 24K1131

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-16S	24K1131-01	Water		RSK175	
MW-2S	24K1131-02	Water		RSK175	
MW-8S	24K1131-03	Water		RSK175	
RXMW-9S	24K1131-04	Water		RSK175	
MW-27S	24K1131-05	Water		RSK175	
MW-35M	24K1131-06	Water		RSK175	
BLIND DUPLICATE	24K1131-07	Water		RSK175	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-16S | Sampled: 11/12/2024 11:50

Sample ID: 24K1131-01

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH
Methane	ND	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 12:28	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-2S | Sampled: 11/12/2024 09:15

Sample ID: 24K1131-02

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	ND	0.014	0.0013	mg/L	1		RSK175	11/20/24	11/20/24 12:37	TPH
Ethene	ND	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 12:37	TPH
Methane	0.0015	0.0070	0.0010	mg/L	1	J	RSK175	11/20/24	11/20/24 12:37	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-8S | Sampled: 11/12/2024 10:25

Sample ID: 24K1131-03

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0029	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 12:44	TPH
Ethene	0.0052	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 12:44	TPH
Methane	0.21	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 12:44	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: RXMW-9S | Sampled: 11/12/2024 09:10

Sample ID: 24K1131-04

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0042	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:08	TPH
Ethene	0.41	0.017	0.0018	mg/L	1		RSK175	11/20/24	11/20/24 13:08	TPH
Methane	2.5	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:08	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-27S | Sampled: 11/12/2024 10:40

Sample ID: 24K1131-05

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.011	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:40	TPH
Ethene	0.015	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:40	TPH
Methane	1.2	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:40	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: MW-35M | Sampled: 11/12/2024 12:40

Sample ID: 24K1131-06

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.0026	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:47	TPH
Ethene	0.0079	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:47	TPH
Methane	0.12	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:47	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: NY | Sample Description: | Work Order: 24K1131

Date Received: 11/14/2024

Field Sample #: BLIND DUPLICATE | Sampled: 11/12/2024 10:45

Sample ID: 24K1131-07

Sample Matrix: Water

Miscellaneous Organic Analyses

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ethane	0.010	0.014	0.0013	mg/L	1	J	RSK175	11/20/24	11/20/24 13:58	TPH
Ethene	0.015	0.017	0.0018	mg/L	1	J	RSK175	11/20/24	11/20/24 13:58	TPH
Methane	1.0	0.0070	0.0010	mg/L	1		RSK175	11/20/24	11/20/24 13:58	TPH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method:SW-846 5035 **Analytical Method:RSK175**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
24K1131-01 [MW-16S]	B392738	1	1.00	11/20/24
24K1131-02 [MW-2S]	B392738	1	1.00	11/20/24
24K1131-03 [MW-8S]	B392738	1	1.00	11/20/24
24K1131-04 [RXMW-9S]	B392738	1	1.00	11/20/24
24K1131-05 [MW-27S]	B392738	1	1.00	11/20/24
24K1131-06 [MW-35M]	B392738	1	1.00	11/20/24
24K1131-07 [BLIND DUPLICATE]	B392738	1	1.00	11/20/24

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Miscellaneous Organic Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B392738 - SW-846 5035										
Blank (B392738-BLK1)				Prepared & Analyzed: 11/20/24						
Ethane	ND	0.014	mg/L							
Ethene	ND	0.017	mg/L							
Methane	ND	0.0070	mg/L							
LCS (B392738-BS1)				Prepared & Analyzed: 11/20/24						
Ethane	0.29		mg/L	0.3332		86.7	73.1-116			
Ethene	0.26		mg/L	0.3106		84.7	67.6-116			
Methane	0.15		mg/L	0.1780		83.4	73.2-114			
Duplicate (B392738-DUP3)	**Source: 24K1131-04**			Prepared & Analyzed: 11/20/24						
Ethane	0.00392	0.014	mg/L		0.00420			6.90	20	J
Ethene	0.389	0.017	mg/L		0.407			4.70	20	
Methane	2.42	0.0070	mg/L		2.53			4.38	20	
Matrix Spike (B392738-MS3)	**Source: 24K1131-03**			Prepared & Analyzed: 11/20/24						
Ethane	0.333		mg/L	0.3340	0.00291	98.7	0-200			
Ethene	0.307		mg/L	0.3115	0.00517	96.9	0-200			
Methane	0.389		mg/L	0.3057	0.210	58.4	0-200			
Matrix Spike Dup (B392738-MSD3)	**Source: 24K1131-03**			Prepared & Analyzed: 11/20/24						
Ethane	0.319		mg/L	0.3340	0.00291	94.6	0-200	4.21		
Ethene	0.296		mg/L	0.3115	0.00517	93.4	0-200	3.62		
Methane	0.373		mg/L	0.3057	0.210	53.3	0-200	4.06		

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
RSK175 in Water	
Ethane	VA,NY,ME
Ethene	VA,NY,ME
Methane	VA,NY,ME

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NY	New York State Department of Health	10899 NELAP	04/1/2025
ME	State of Maine	MA00100	06/9/2025
VA	Commonwealth of Virginia	460217	12/14/2024

24K1131RF

Subcontract Chain of Custody

Pace New England
39 Spruce St
East Longmeadow, MA 01028

Alpha Job Number
L2466272

Page 1

Client Information

Client: Alpha Analytical Labs
Address: Eight Walkup Drive
Westborough, MA 01581-1019

Report To:west.subreports@pacelabs.com
Bill To:invoices@pacelabs.coupahost.com

Phone: 716.427.5228
Email: Jennifer.Byrnes@pacelabs.com

Project Information

Project Location: NY
Project Manager: Jennifer Byrnes

Turnaround & Deliverables Information

Due Date:
Deliverables: ASP Category B Deliverables

Regulatory Requirements/Report Limits

State/Federal Program:
Regulatory Criteria:

Report to MDL

Project Specific Requirements and/or Report Requirements

Reference following Alpha Job Number on final report/deliverables: L2466272 Report to include Method and/or Regulatory required batch QC

Additional Comments: ASP B Report,M,E,E Only for Diss. gasses

Lab ID	Alpha ID	Client ID	Collection Date/Time	Sample Matrix	Analysis	Sample Level Comments	Sample Specific QC	Container Count
	L2466272-01	MW-16S	11-12-24 11:50	WATER	Dissolved Gasses			2
	L2466272-02	MW-2S	11-12-24 09:15	WATER	Dissolved Gasses			2
	L2466272-03	MW-8S	11-12-24 10:25	WATER	Dissolved Gasses		MS;MSD	6
	L2466272-04	RXMW-9S	11-12-24 09:10	WATER	Dissolved Gasses			2
	L2466272-05	MW-27S	11-12-24 10:40	WATER	Dissolved Gasses			2
	L2466272-06	MW-35M	11-12-24 12:40	WATER	Dissolved Gasses			2
	L2466272-07	BLIND DUPLICATE	11-12-24 10:45	WATER	Dissolved Gasses			2

	Relinquished By:	Date/Time:	Received By:	Date/Time:
	[signature]	11/14 0540	[signature] PACE	11/14/24 0540
	[signature] PACE	11/14/24 0815	[signature] 0.6	11-14-24 8:15
Form No: AL_subcoc				

DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist

Effective Date: 06/11/2024

Log In Back-Sheet

Client Alpha

Project N/A

MCP/RCP Required N/A

Deliverable Package Requirement N/A

Location NY

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time RL 11/14/24 0815

Back-Sheet By / Date / Time STM 11/14/24 1931

Temperature Method Gun #8

WV samples: Yes (see note*) / No (follow normal procedure)

Temp X ≤ 6° C Actual Temperature 0.6

Rush Samples: Yes / No Notify

Short Hold: Yes / No Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☒	☐
Trip Blanks	☐	☒
Lab to Filters	☐	☒
COC Legible	☒	☐

COC Included: (Check all included)

Client ☒ Analysis ☒ Sampler Name ☐

Project ☐ IDs ☒ Collection Date/Time ☒

All Samples Proper pH: N/A ☐ ☐

Additional Container Notes

*Note, West Virginia requires all samples to have their temperature taken. Note any outliers.

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v08_Sample Receiving Checklist
	Effective Date: 06/11/2024

Sample			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16oz Amb/Clear	(Circle Amb/Clear)	Soils Jars																				
8oz Amb/Clear																						
4oz Amb/Clear																						
2oz Amb/Clear																						
Unpreserved	1 Liter	Ambers																				
HCL																						
Sulfuric																						
Sulfuric	250mL																					
Phosphoric																						
HCl																						
Unpreserved	100mL																					
Unpreserved	1 Liter	Plastics																				
Sulfuric																						
Unpreserved	500mL																					
Sulfuric																						
Unpreserved	250mL																					
Trizma																						
Sulfuric																						
Nitric																						
NaOH																						
Ammonium Acetate																						
NaOH/Zinc																						
Unpreserved		VOA Vials																				
HCl			2	2	6	2	2	2	2													
MeOH																						
D.I. Water																						
BiSulfate																						
Col/Bact		Other / Fill in																				

RSK

SAMPLE DATA

1 - FORM I
ANALYSIS DATA SHEET

MW-16S

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-01	File ID:	I24A325024.D
Sampled:	11/12/24 11:50	Prepared:	11/20/24 12:28	Analyzed:	11/20/24 12:28
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane		0.0010	0.0070	

Sample # 24K1131-01 Ph=<2

Temperature (*C)	22.80
Tare weight (g)	25.57
Total weight (g)	67.85
Headspace weight(g)	62.75

Methane Quant	7.569	Methane	0.00086	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325024.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:28 pm
Operator : TPH
Sample : 24K1131-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 24 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:36:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

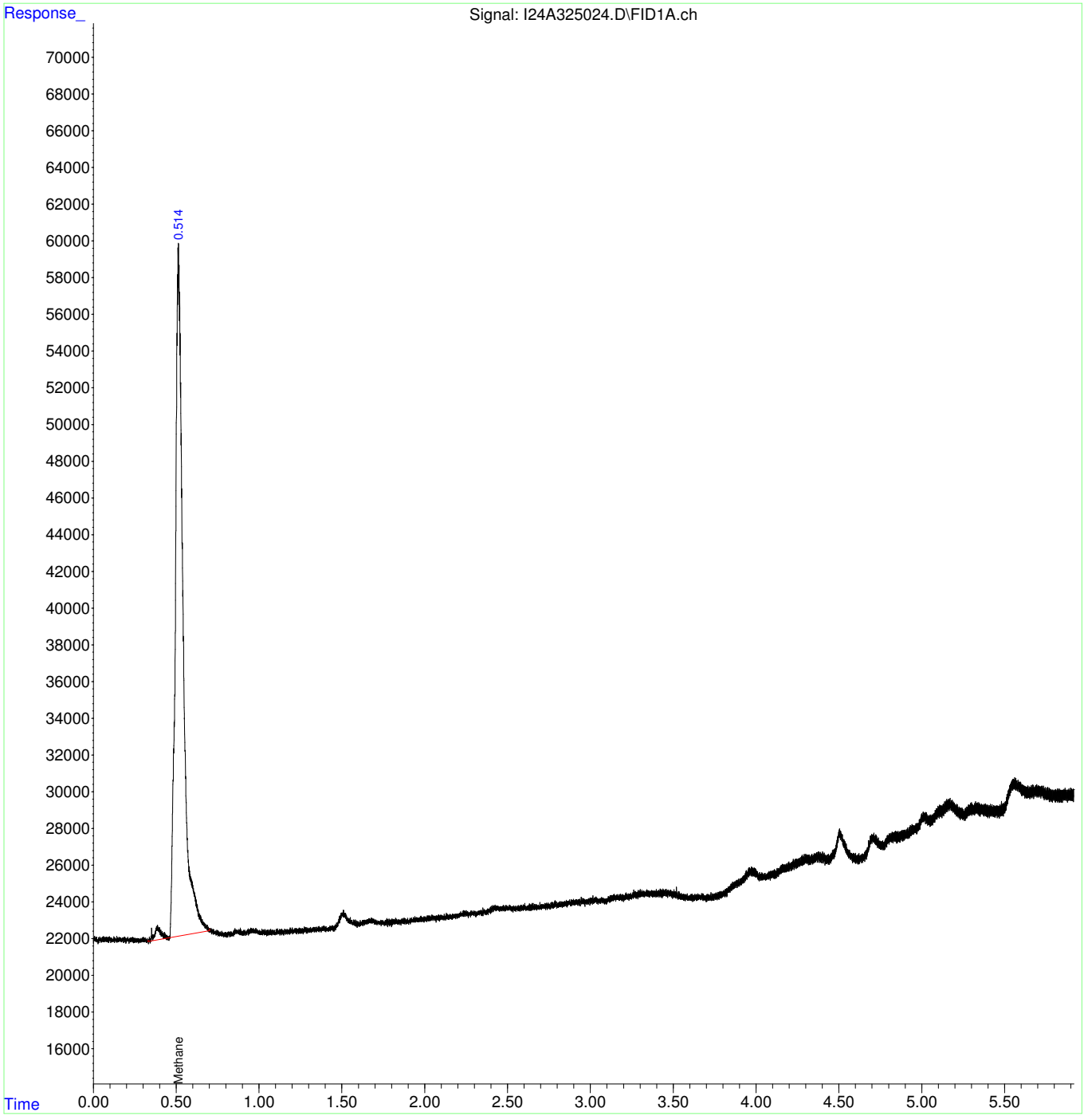
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.515	1237714	7.569 PPMv

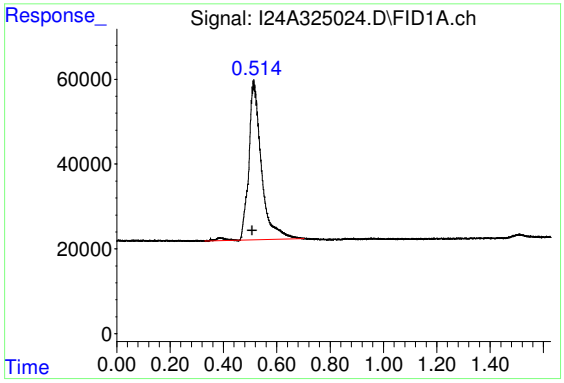
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325024.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:28 pm
Operator : TPH
Sample : 24K1131-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 24 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:36:57 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.:	0.515 min
Delta R.T.:	0.008 min
Response:	1237714
Conc:	7.57 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-2S

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-02	File ID:	I24A325025.D
Sampled:	11/12/24 09:15	Prepared:	11/20/24 12:37	Analyzed:	11/20/24 12:37
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
				Instrument:	SYSI

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane	0.0015	0.0010	0.0070	J

Sample # 24K1131-02 Ph=<2

Temperature (*C)	22.90
Tare weight (g)	25.44
Total weight (g)	67.40
Headspace weight(g)	62.34

Methane Quant	12.995	Methane	0.00148	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325025.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:37 pm
Operator : TPH
Sample : 24K1131-02 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 25 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:43:53 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

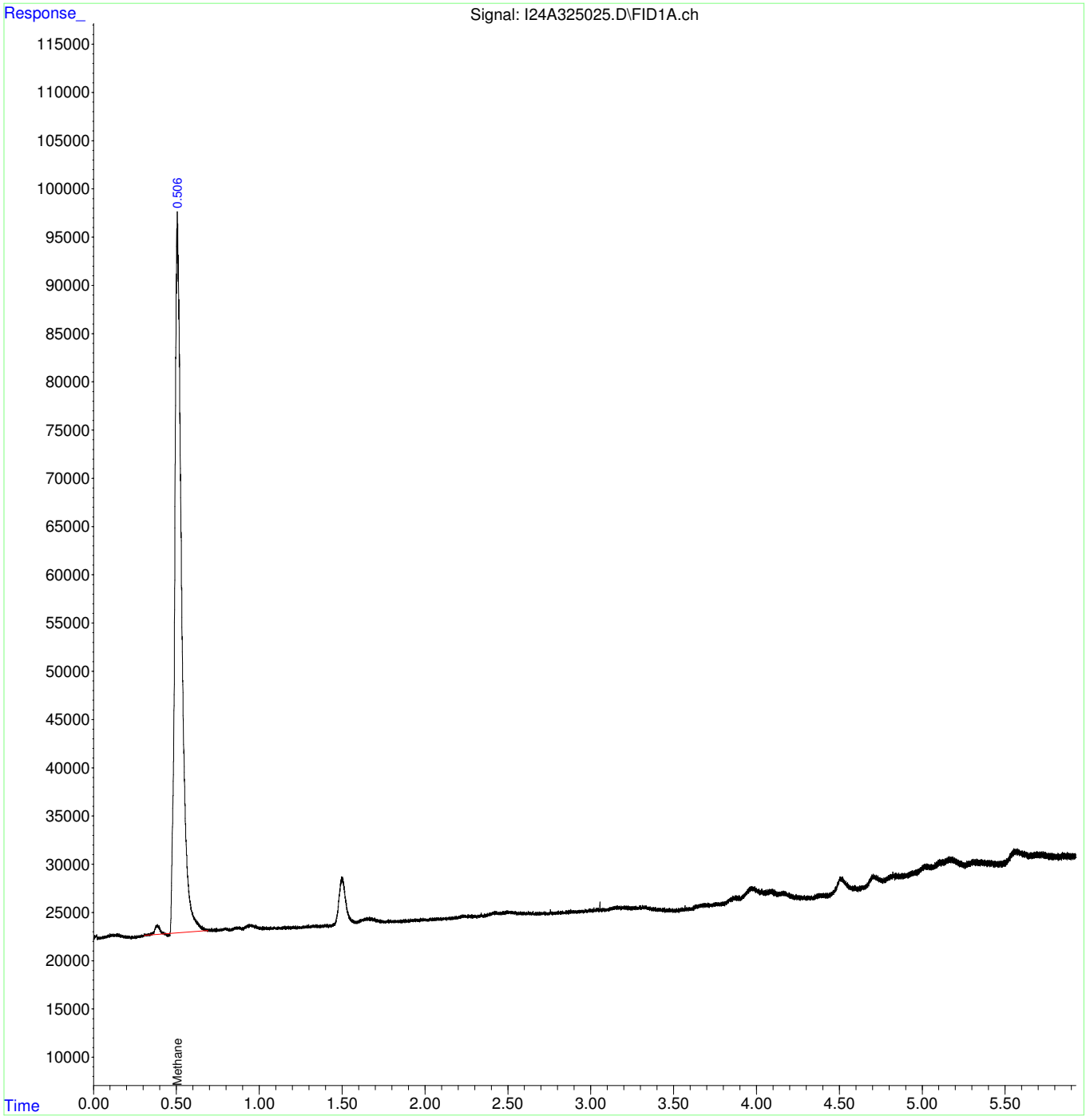
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Methane	0.507	2124890	12.995	PPMv

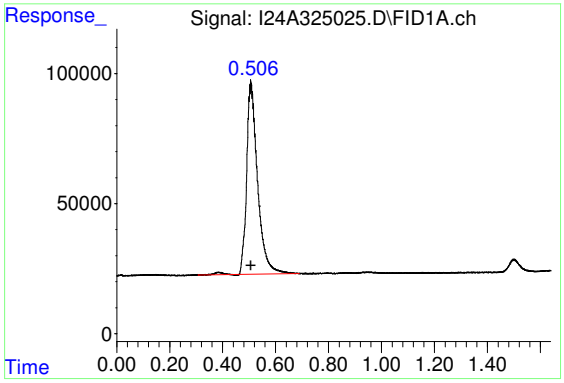
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325025.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:37 pm
Operator : TPH
Sample : 24K1131-02 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 25 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:43:53 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





#1 Methane

R.T.:	0.507 min
Delta R.T.:	0.000 min
Response:	2124890
Conc:	12.99 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-8S

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-03	File ID:	I24A325026.D
Sampled:	11/12/24 10:25	Prepared:	11/20/24 12:44	Analyzed:	11/20/24 12:44
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.0029	0.0013	0.014	J
74-85-1	Ethene	0.0052	0.0018	0.017	J
74-82-8	Methane	0.21	0.0010	0.0070	

Sample # 24K1131-03 Ph=<2

Temperature (*C)	23.50
Tare weight (g)	25.46
Total weight (g)	67.69
Headspace weight(g)	62.98

Methane Quant	1989.694	Methane	0.21003	mg/L
Ethane Quant	13.650	Ethane	0.00291	mg/L
Ethylene Quant	18.289	Ethylene	0.00517	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325026.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:44 pm
Operator : TPH
Sample : 24K1131-03 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 26 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:52:55 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

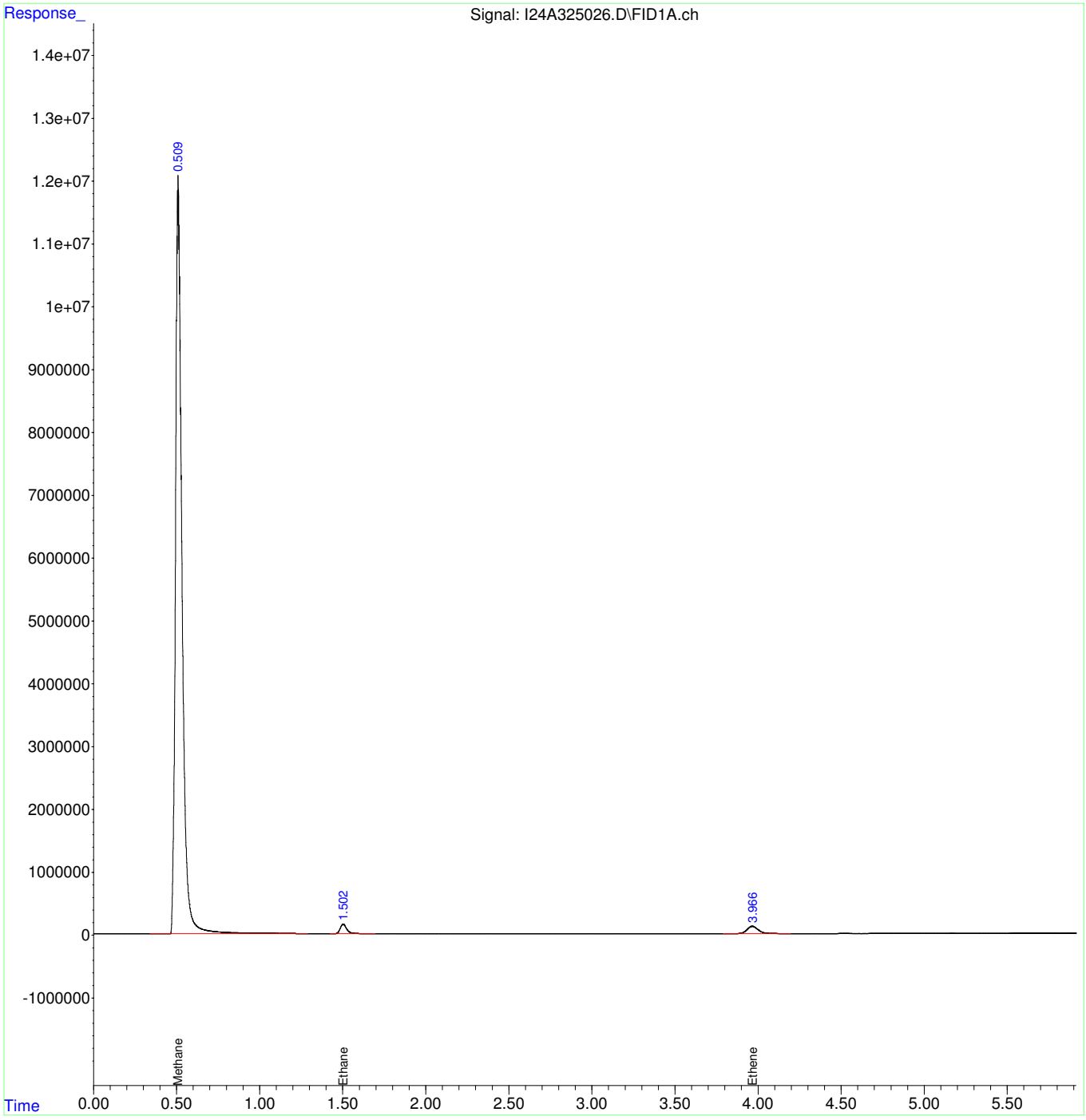
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.510	325351731	1989.694	PPMv
2) Ethane	1.503	4148901	13.650	PPMv
3) Ethene	3.965	5434511	18.289	PPMv

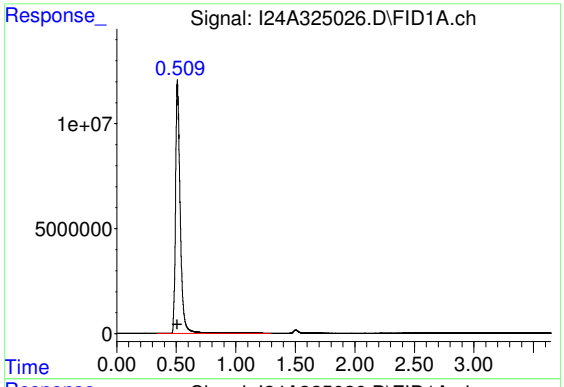
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325026.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:44 pm
Operator : TPH
Sample : 24K1131-03 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 26 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:52:55 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

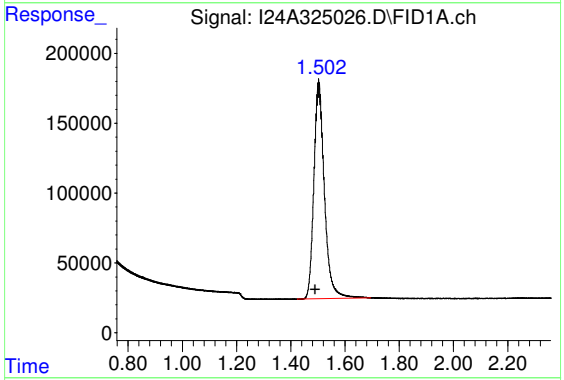
Volume Inj. :
Signal Phase :
Signal Info :





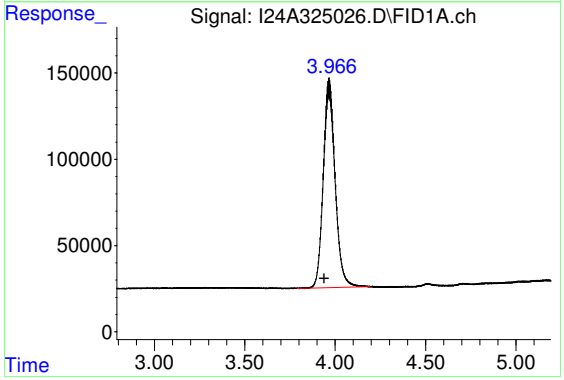
#1 Methane

R.T.: 0.510 min
Delta R.T.: 0.003 min
Response: 325351731
Conc: 1989.69 PPMv



#2 Ethane

R.T.: 1.503 min
Delta R.T.: 0.013 min
Response: 4148901
Conc: 13.65 PPMv



#3 Ethene

R.T.: 3.965 min
Delta R.T.: 0.025 min
Response: 5434511
Conc: 18.29 PPMv

1 - FORM I
ANALYSIS DATA SHEET

RXMW-9S

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-04	File ID:	I24A325029.D
Sampled:	11/12/24 09:10	Prepared:	11/20/24 13:08	Analyzed:	11/20/24 13:08
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.0042	0.0013	0.014	J
74-85-1	Ethene	0.41	0.0018	0.017	
74-82-8	Methane	2.5	0.0010	0.0070	

Sample # 24K1131-04 Ph=<2

Temperature (*C)	23.10
Tare weight (g)	26.56
Total weight (g)	69.15
Headspace weight(g)	64.15

Methane Quant	22810.747	Methane	2.52688	mg/L
Ethane Quant	18.813	Ethane	0.00420	mg/L
Ethylene Quant	1391.786	Ethylene	0.40738	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325029.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:08 pm
Operator : TPH
Sample : 24K1131-04 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 29 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:20:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

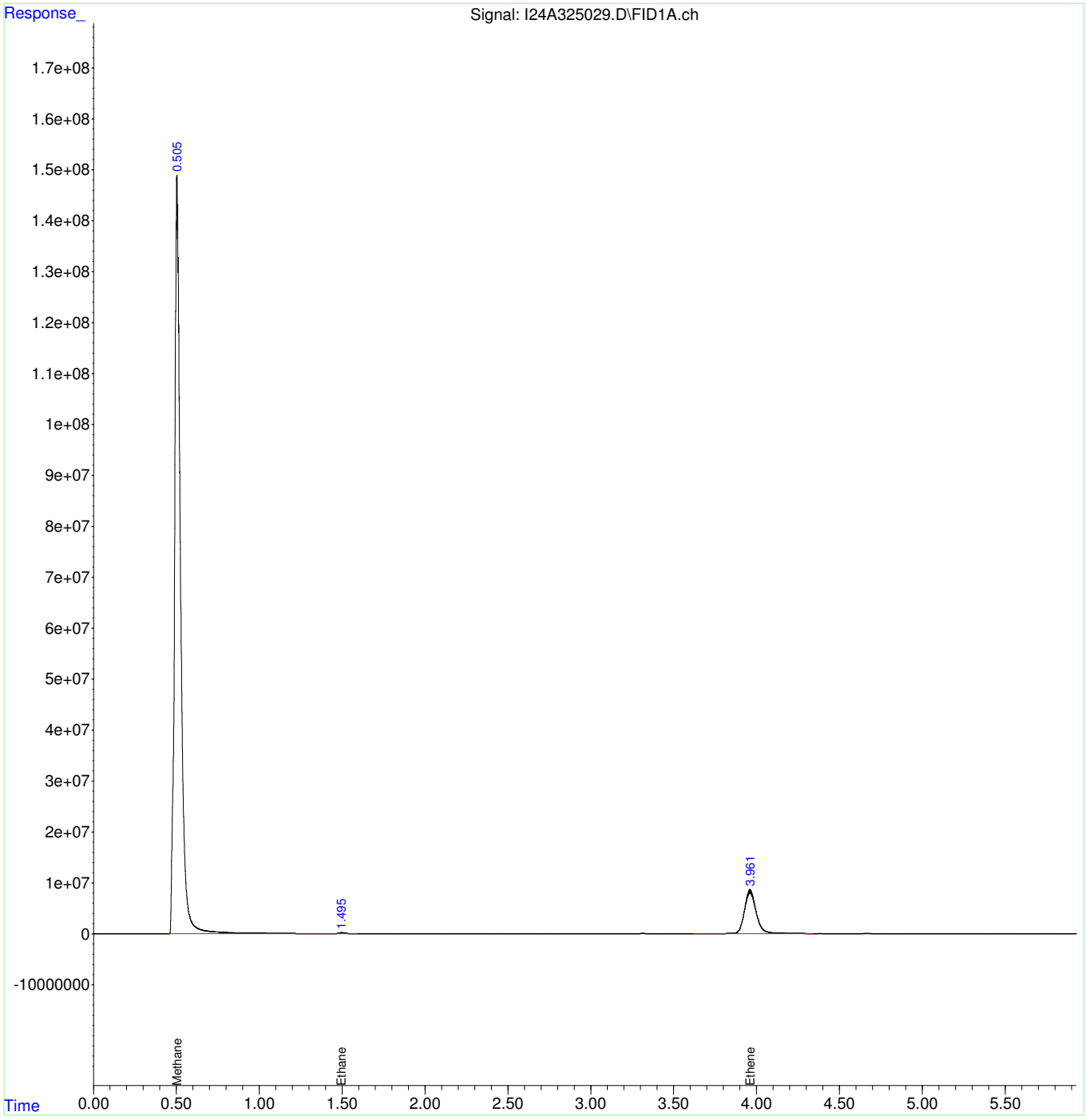
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.505	3729978899	22810.747 PPMv
2) Ethane	1.497	5718235	18.813 PPMv
3) Ethene	3.961	413553128	1391.786 PPMv

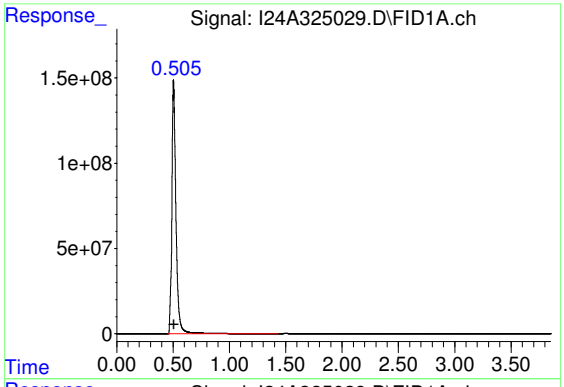
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325029.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:08 pm
Operator : TPH
Sample : 24K1131-04 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 29 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:20:54 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

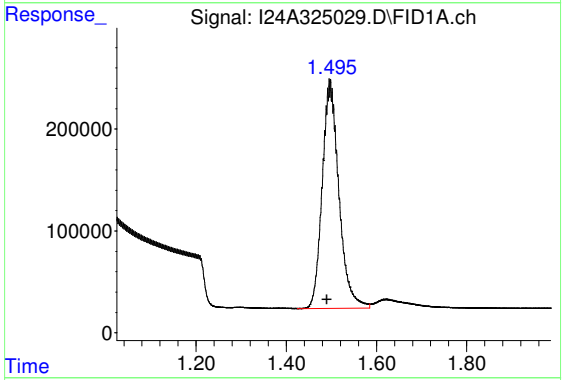
Volume Inj. :
Signal Phase :
Signal Info :





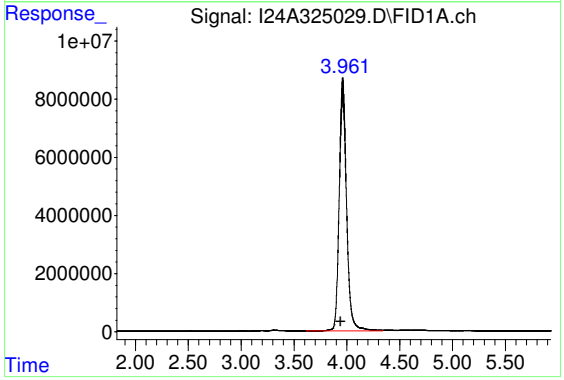
#1 Methane

R.T.: 0.505 min
Delta R.T.: -0.002 min
Response: 3729978899
Conc: 22810.75 PPMv



#2 Ethane

R.T.: 1.497 min
Delta R.T.: 0.007 min
Response: 5718235
Conc: 18.81 PPMv



#3 Ethene

R.T.: 3.961 min
Delta R.T.: 0.021 min
Response: 413553128
Conc: 1391.79 PPMv

1 - FORM I
ANALYSIS DATA SHEET

MW-27S

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-05	File ID:	I24A325031.D
Sampled:	11/12/24 10:40	Prepared:	11/20/24 13:40	Analyzed:	11/20/24 13:40
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.011	0.0013	0.014	J
74-85-1	Ethene	0.015	0.0018	0.017	J
74-82-8	Methane	1.2	0.0010	0.0070	

Sample # 24K1131-05 Ph=<2

Temperature (*C)	23.20
Tare weight (g)	25.34
Total weight (g)	67.46
Headspace weight(g)	62.47

Methane Quant	10439.407	Methane	1.16513	mg/L
Ethane Quant	50.402	Ethane	0.01133	mg/L
Ethylene Quant	50.531	Ethylene	0.01485	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325031.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:40 pm
Operator : TPH
Sample : 24K1131-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:47:05 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

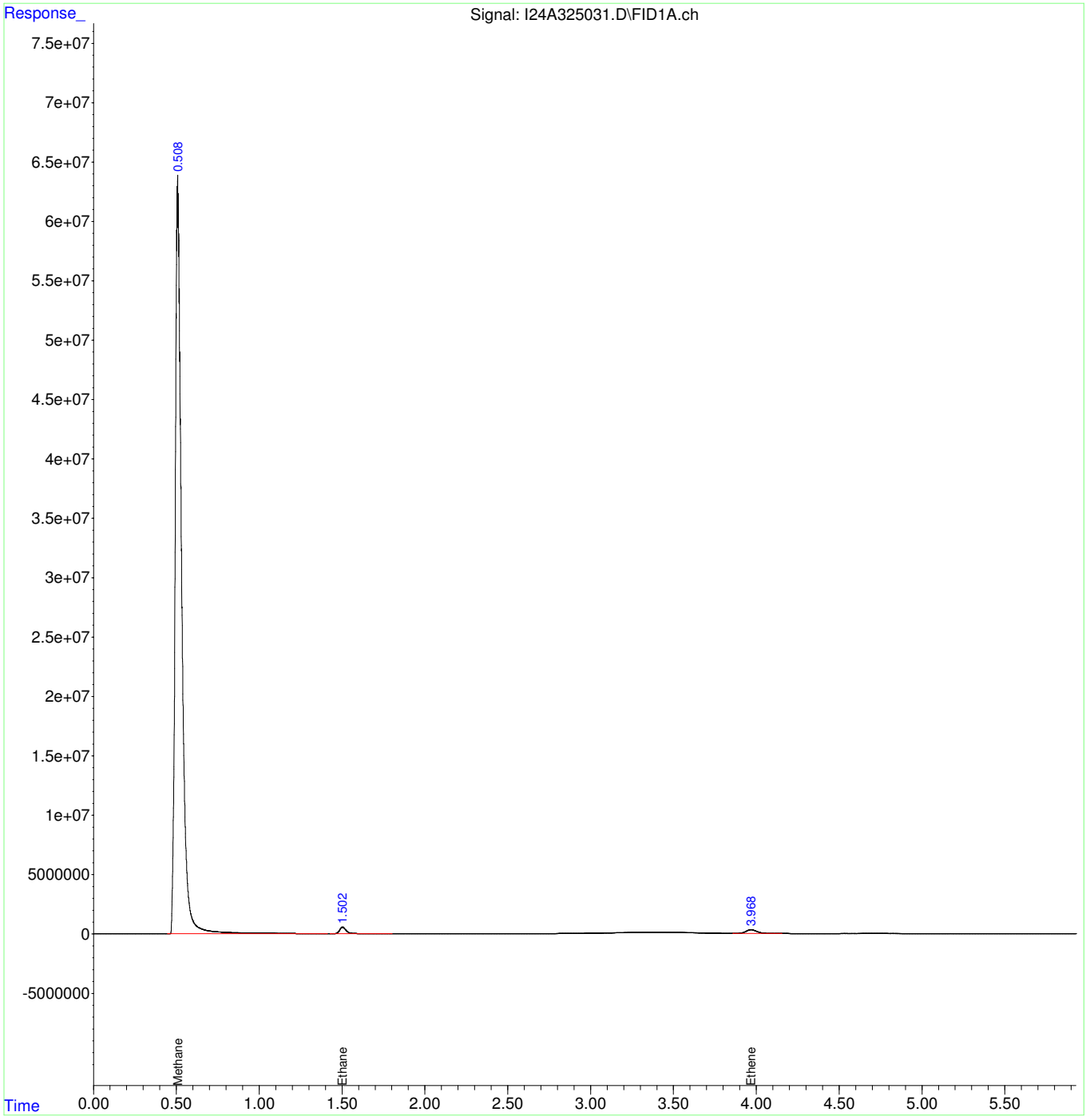
	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	0.509	1707035987	10439.407 PPMv
2)	Ethane	1.503	15319717	50.402 PPMv
3)	Ethene	3.968	15014614	50.531 PPMv m

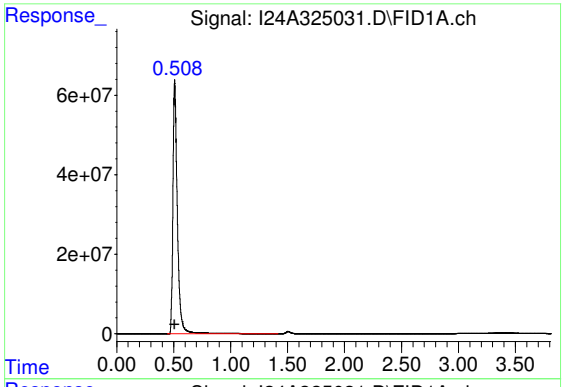
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325031.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:40 pm
Operator : TPH
Sample : 24K1131-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:47:05 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

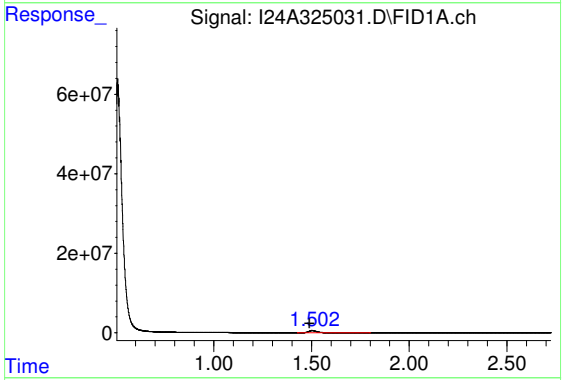
Volume Inj. :
Signal Phase :
Signal Info :





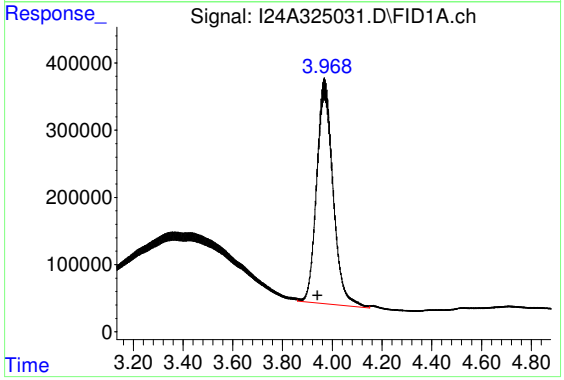
#1 Methane

R.T.: 0.509 min
Delta R.T.: 0.002 min
Response: 1707035987
Conc: 10439.41 PPMv



#2 Ethane

R.T.: 1.503 min
Delta R.T.: 0.013 min
Response: 15319717
Conc: 50.40 PPMv



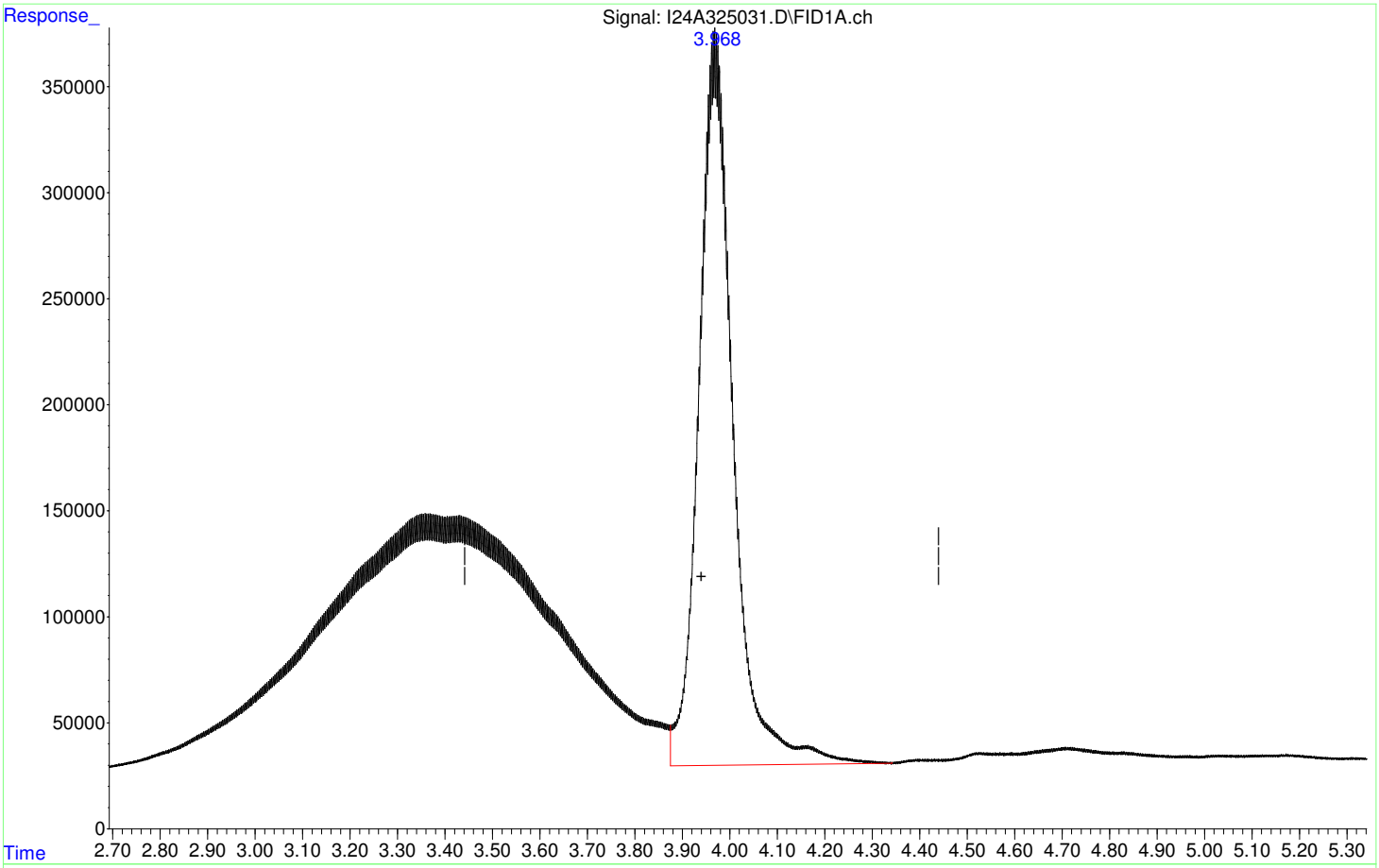
#3 Ethene

R.T.: 3.968 min
Delta R.T.: 0.028 min
Response: 15014614
Conc: 50.53 PPMv m

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325031.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:40 pm
Operator : TPH
Sample : 24K1131-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:47:05 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.968min 57.350 PPMv

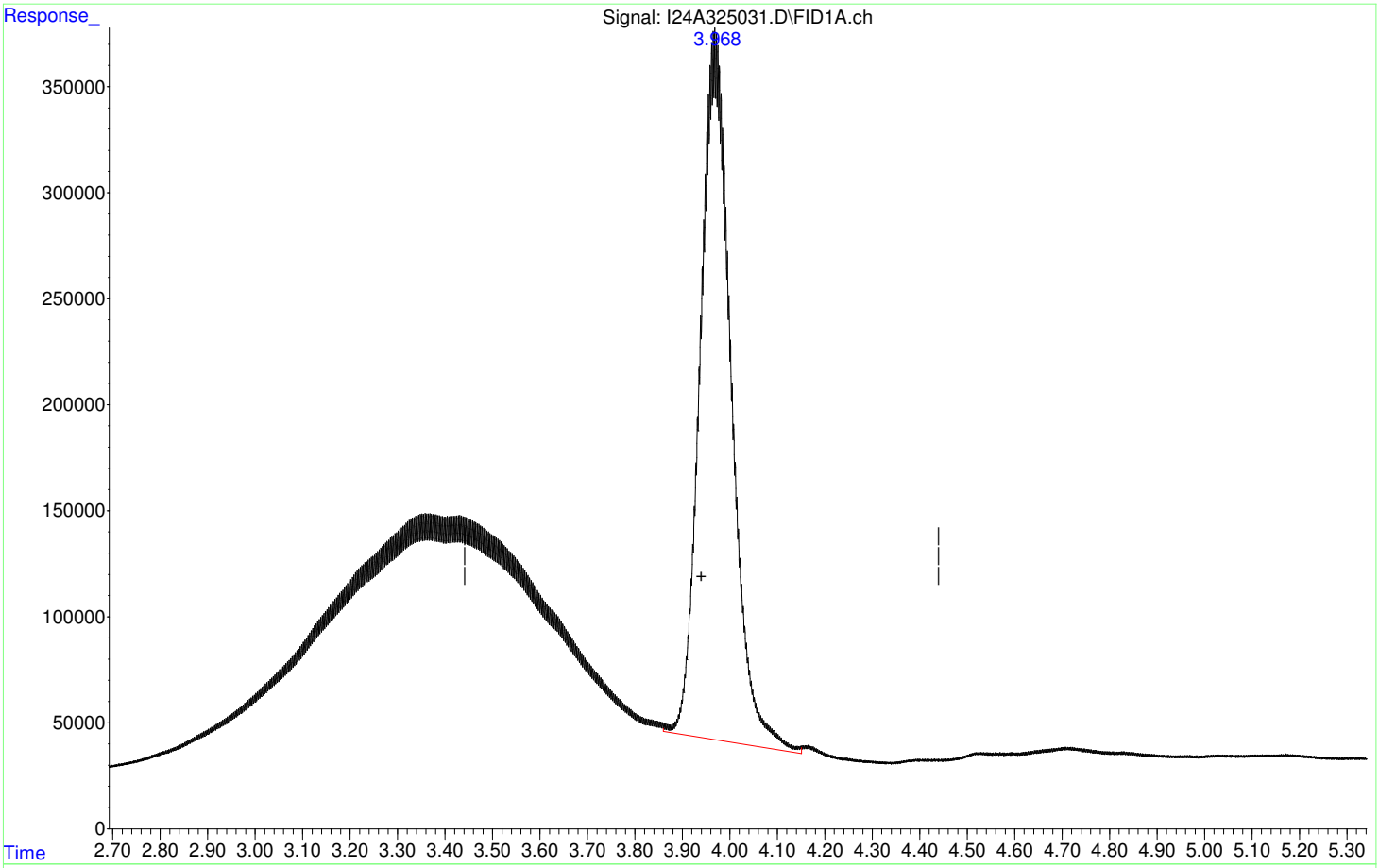
response 17040784

(+) = Expected Retention Time

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325031.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:40 pm
Operator : TPH
Sample : 24K1131-05 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 31 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:47:05 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.968min 50.531 PPMv m

response 15014614

(+) = Expected Retention Time

1 - FORM I
ANALYSIS DATA SHEET

MW-35M

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-06	File ID:	I24A325032.D
Sampled:	11/12/24 12:40	Prepared:	11/20/24 13:47	Analyzed:	11/20/24 13:47
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.0026	0.0013	0.014	J
74-85-1	Ethene	0.0079	0.0018	0.017	J
74-82-8	Methane	0.12	0.0010	0.0070	

Sample # 24K1131-06 Ph=<2

Temperature (*C)	23.60
Tare weight (g)	26.33
Total weight (g)	69.05
Headspace weight(g)	64.13

Methane Quant	1100.063	Methane	0.11939	mg/L
Ethane Quant	12.092	Ethane	0.00264	mg/L
Ethylene Quant	27.614	Ethylene	0.00794	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325032.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:47 pm
Operator : TPH
Sample : 24K1131-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:57:13 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

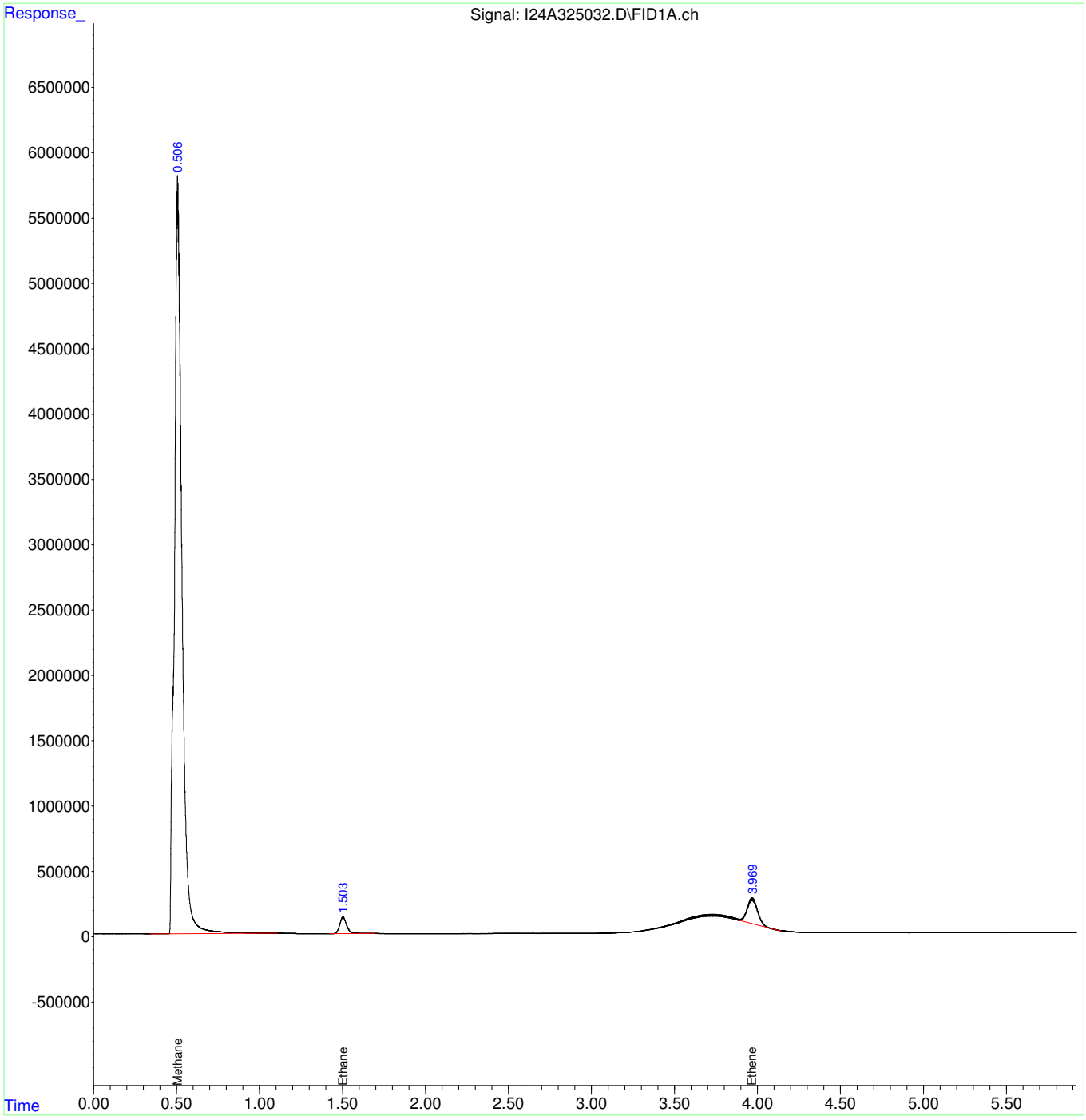
	Compound	R.T.	Response	Conc	Units	
Target Compounds						
1)	Methane	0.508	179880674	1100.063	PPMv	
2)	Ethane	1.503	3675240	12.092	PPMv	
3)	Ethene	3.969	8205245	27.614	PPMv	m

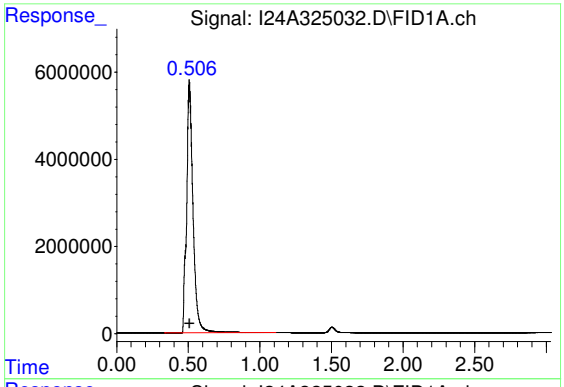
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325032.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:47 pm
Operator : TPH
Sample : 24K1131-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:57:13 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

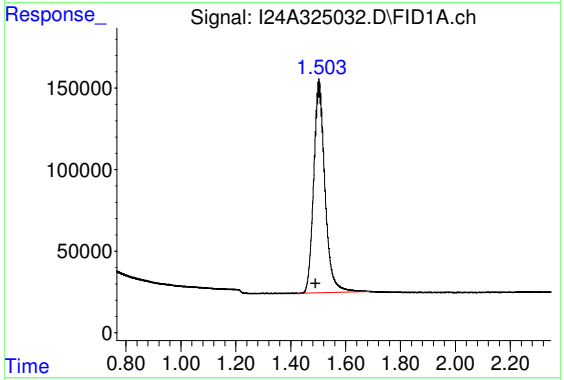
Volume Inj. :
Signal Phase :
Signal Info :





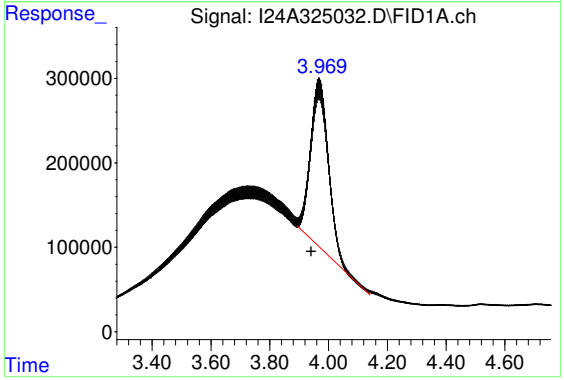
#1 Methane

R.T.: 0.508 min
Delta R.T.: 0.000 min
Response: 179880674
Conc: 1100.06 PPMv



#2 Ethane

R.T.: 1.503 min
Delta R.T.: 0.013 min
Response: 3675240
Conc: 12.09 PPMv



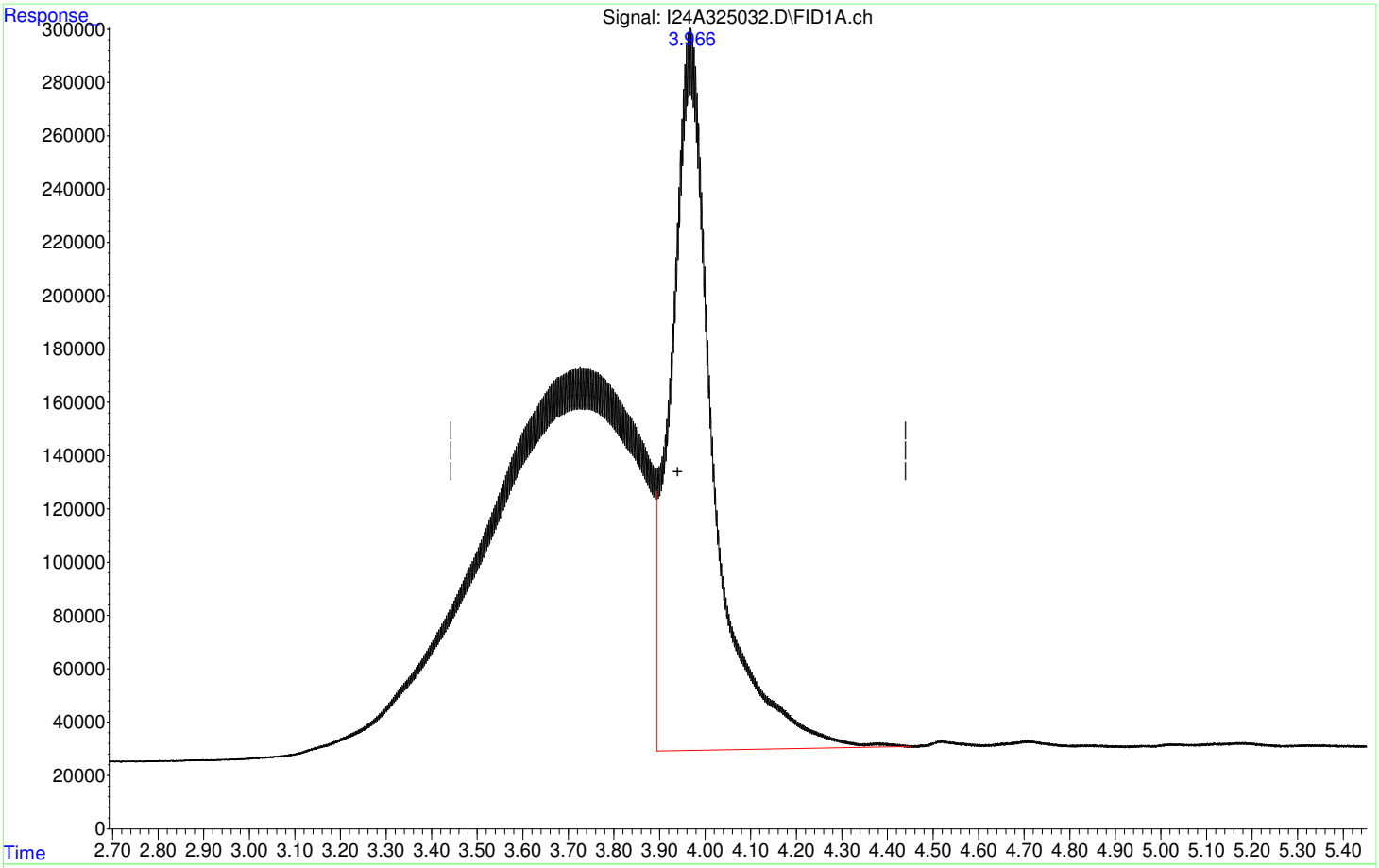
#3 Ethene

R.T.: 3.969 min
Delta R.T.: 0.029 min
Response: 8205245
Conc: 27.61 PPMv m

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325032.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:47 pm
Operator : TPH
Sample : 24K1131-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:57:13 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.968min 57.897 PPMv

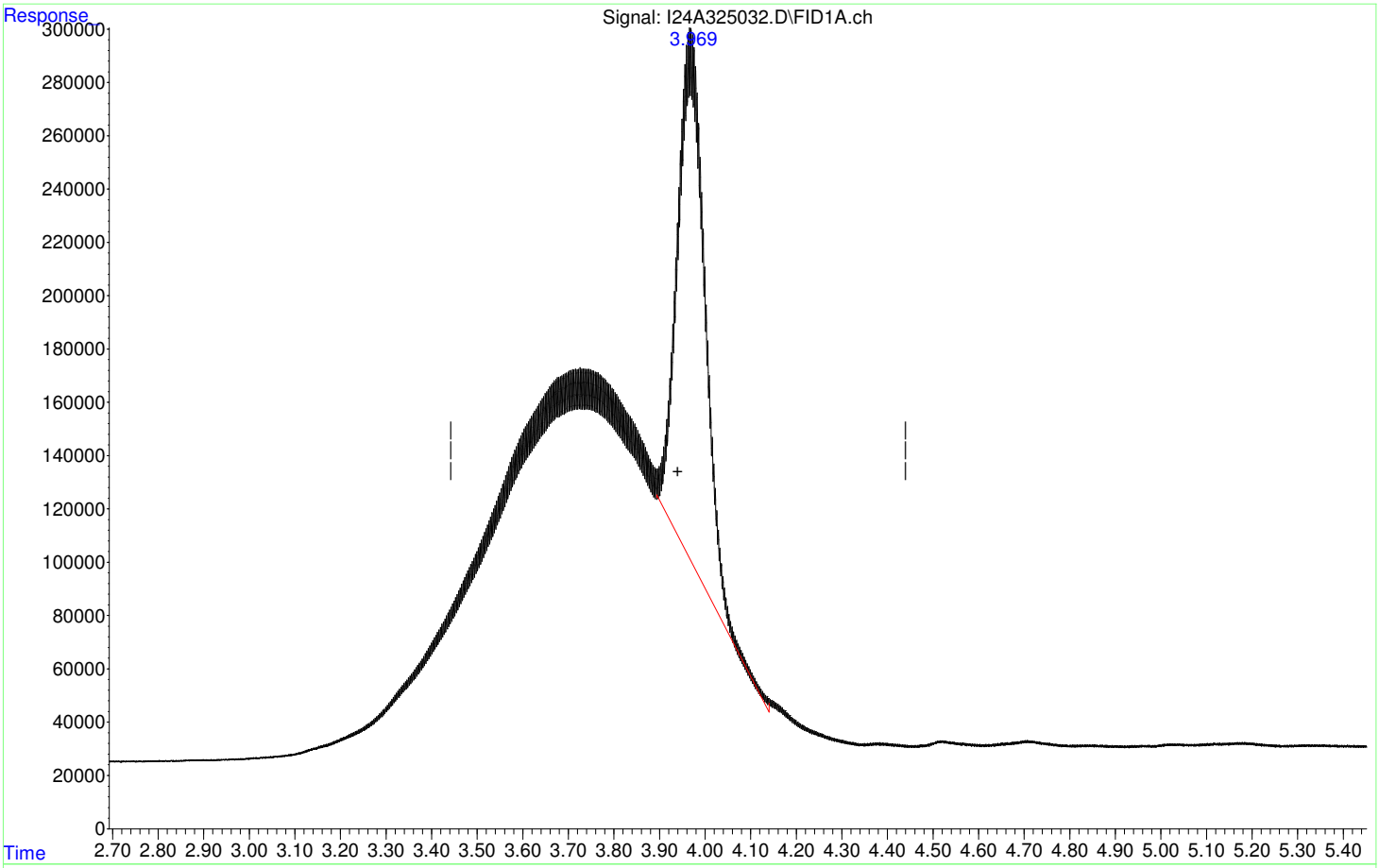
response 17203287

(+) = Expected Retention Time

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325032.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:47 pm
Operator : TPH
Sample : 24K1131-06 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 32 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:57:13 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.969min 27.614 PPMv m

response 8205245

(+) = Expected Retention Time

1 - FORM I
ANALYSIS DATA SHEET

BLIND DUPLICATE

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory			Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	24K1131-07	File ID:	I24A325033.D
Sampled:	11/12/24 10:45	Prepared:	11/20/24 13:58	Analyzed:	11/20/24 13:58
Solids:		Preparation:	SW-846 5035	Dilution:	1
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.010	0.0013	0.014	J
74-85-1	Ethene	0.015	0.0018	0.017	J
74-82-8	Methane	1.0	0.0010	0.0070	

Sample # 24K1131-07 Ph=<2

Temperature (*C)	23.70
Tare weight (g)	25.25
Total weight (g)	67.28
Headspace weight(g)	62.26

Methane Quant	9202.519	Methane	1.03120	mg/L
Ethane Quant	45.133	Ethane	0.01016	mg/L
Ethylene Quant	52.207	Ethylene	0.01533	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325033.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:58 pm
Operator : TPH
Sample : 24K1131-07 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 33 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:04:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

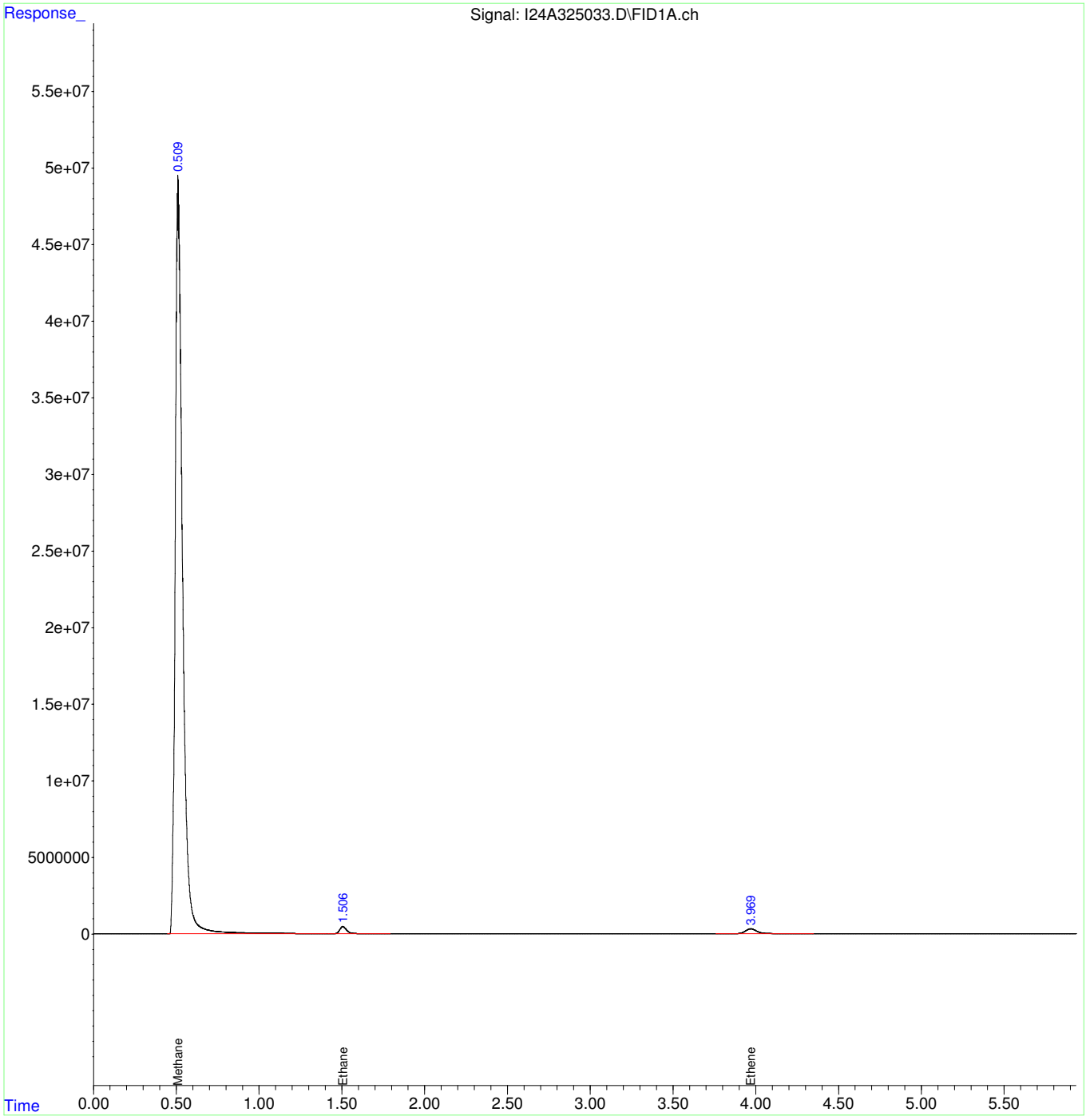
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.512	1504781984	9202.519	PPMv
2) Ethane	1.506	13718288	45.133	PPMv
3) Ethene	3.969	15512675	52.207	PPMv

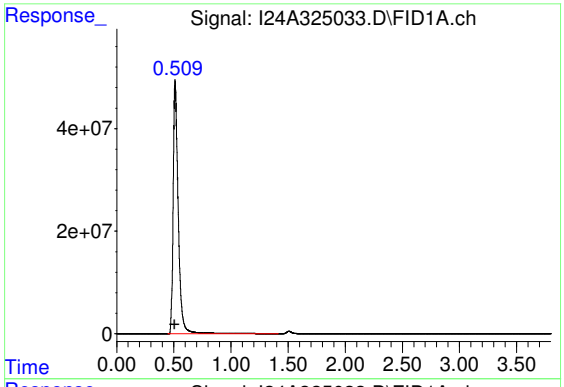
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325033.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:58 pm
Operator : TPH
Sample : 24K1131-07 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 33 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:04:26 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

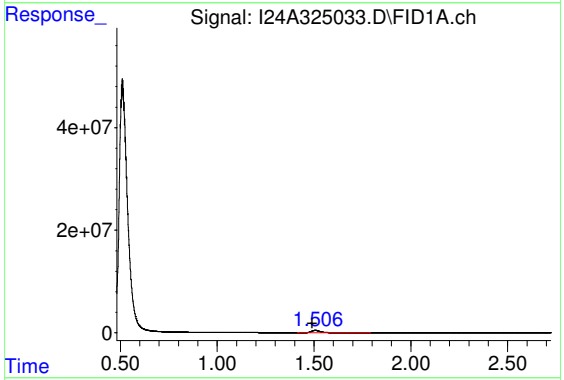
Volume Inj. :
Signal Phase :
Signal Info :





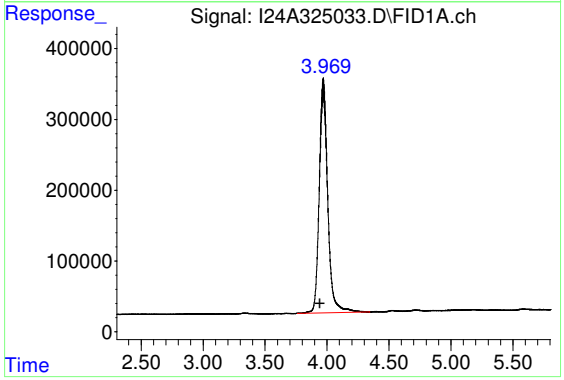
#1 Methane

R.T.: 0.512 min
Delta R.T.: 0.005 min
Response: 1504781984
Conc: 9202.52 PPMv



#2 Ethane

R.T.: 1.506 min
Delta R.T.: 0.015 min
Response: 13718288
Conc: 45.13 PPMv



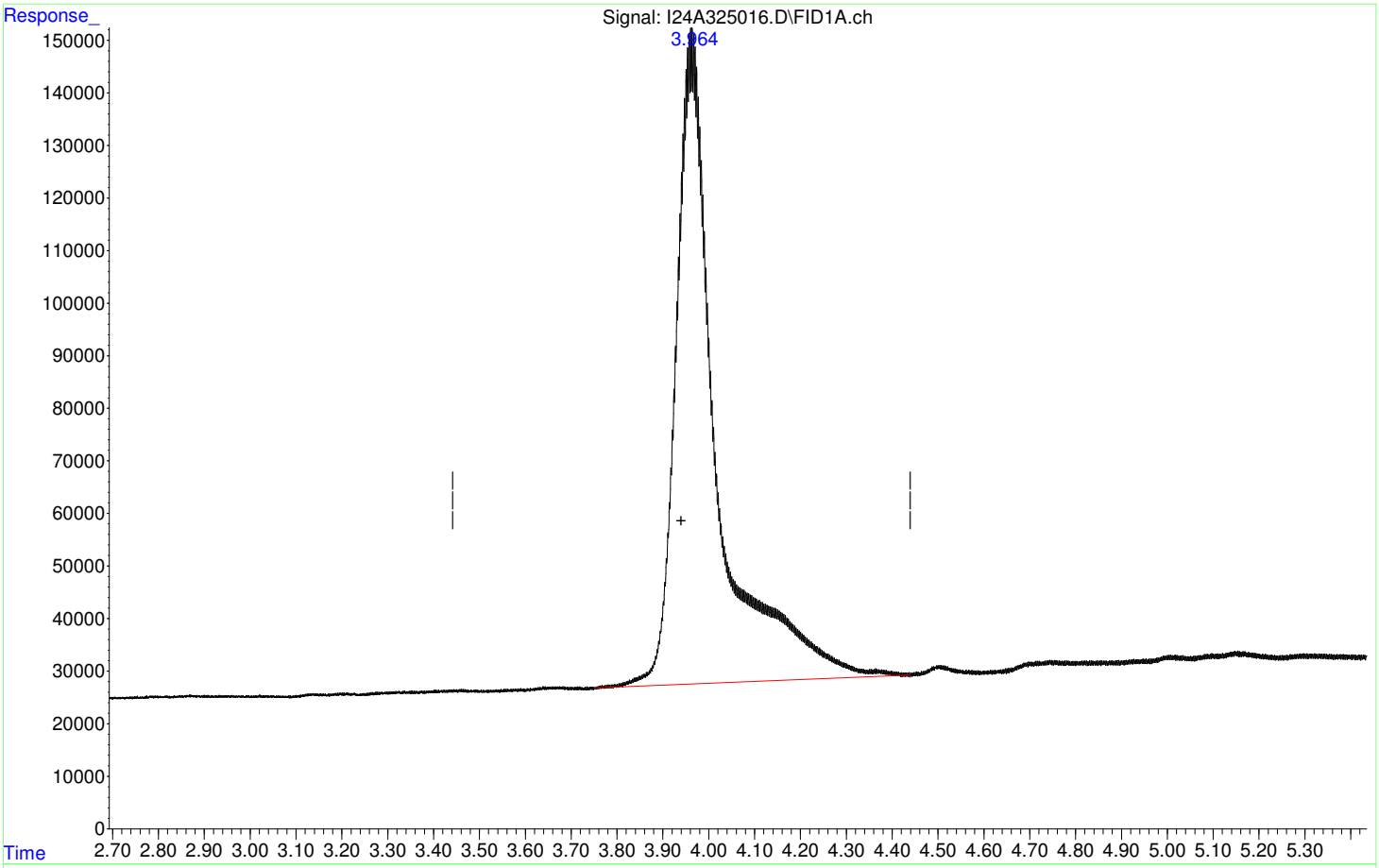
#3 Ethene

R.T.: 3.969 min
Delta R.T.: 0.029 min
Response: 15512675
Conc: 52.21 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325016.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:23 am
Operator : TPH
Sample : 24K1130-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 16 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:30:16 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.963min 25.421 PPMv

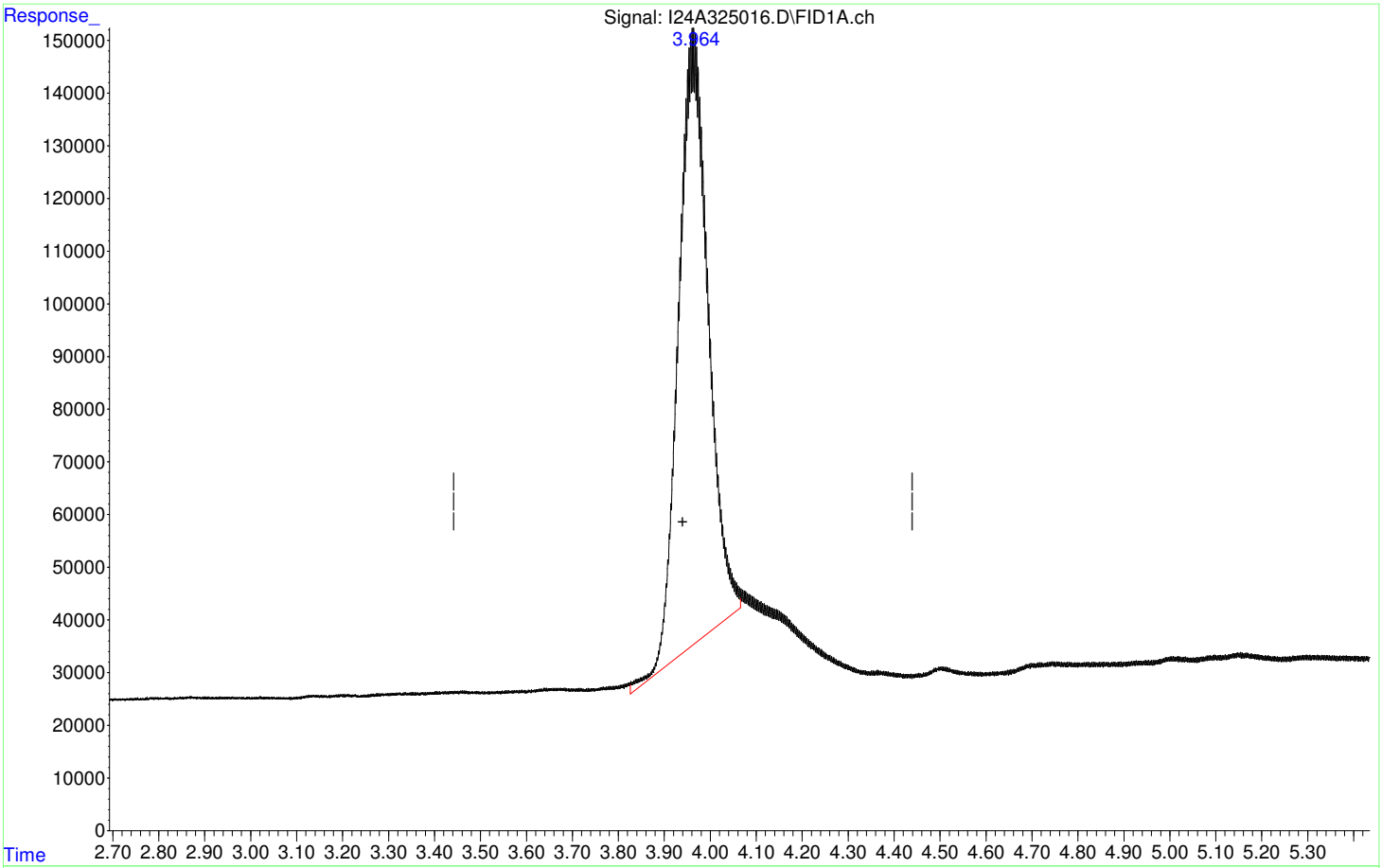
response 7553565

(+) = Expected Retention Time

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325016.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:23 am
Operator : TPH
Sample : 24K1130-01 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 16 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:30:16 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



(3) Ethene

3.964min 17.464 PPMv m

response 5189117

(+) = Expected Retention Time

QC DATA

DUPLICATES

RXMW-9S

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Laboratory ID:	B392738-DUP3
Batch:	B392738	Initial/Final:	1 mL / 1 mL
Preparation:	SW-846 5035	Analysis:	RSK175

% Solids:

ANALYTE	SAMPLE CONCENTRATION (mg/L)	DUPLICATE CONCENTRATION (mg/L)	RPD %	Q	CONTROL LIMIT
Ethane	0.00420	0.00392 J	6.90		20
Ethene	0.407	0.389	4.70		20
Methane	2.53	2.42	4.38		20

3 - FORM III

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

MW-8S

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Analysis:	RSK175
Batch:	B392738	Preparation:	SW-846 5035
% Solids:		Laboratory ID:	B392738-MS3
Initial/Final:	1 mL / 1 mL	Sample Lab ID:	24K1131-03
Column:			

ANALYTE	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC.	QC LIMITS REC.
Ethane	0.3340	0.00291	0.333	98.7	0 - 200
Ethene	0.3115	0.00517	0.307	96.9	0 - 200
Methane	0.3057	0.210	0.389	58.4	0 - 200

ANALYTE	SPIKE ADDED (mg/L)	MSD CONCENTRATION (mg/L)	MSD % REC. #	% RPD	QC LIMITS RPD	QC LIMITS REC.
Ethane	0.3340	0.319	94.6	4.21	200	0 - 200
Ethene	0.3115	0.296	93.4	3.62	200	0 - 200
Methane	0.3057	0.373	53.3	4.06	200	0 - 200

3 - FORM III

LCS / LCS DUPLICATE RECOVERY

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Matrix:	Water	Preparation:	SW-846 5035
Batch:	B392738	Laboratory ID:	B392738-BS1
Column:		Initial/Final:	1 mL / 1 mL

ANALYTE	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC.	QC LIMITS REC.
Ethane	0.3332	0.29	86.7	73.1 - 116
Ethene	0.3106	0.26	84.7	67.6 - 116
Methane	0.1780	0.15	83.4	73.2 - 114

4 - FORM IV
METHOD BLANK SUMMARY

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Blank ID:	B392738-BLK1 Batch: B392738	Prepared:	11/20/2024 09:36

Client Sample ID	Laboratory Sample ID	Lab File ID	Time Analyzed
LCS	B392738-BS1	I24A325002.D	09:21
MW-16S	24K1131-01	I24A325024.D	12:28
MW-2S	24K1131-02	I24A325025.D	12:37
MW-8S	24K1131-03	I24A325026.D	12:44
Matrix Spike	B392738-MS3	I24A325027.D	12:51
Matrix Spike Dup	B392738-MSD3	I24A325028.D	13:00
RXMW-9S	24K1131-04	I24A325029.D	13:08
Duplicate	B392738-DUP3	I24A325030.D	13:20
MW-27S	24K1131-05	I24A325031.D	13:40
MW-35M	24K1131-06	I24A325032.D	13:47
BLIND DUPLICATE	24K1131-07	I24A325033.D	13:58

CALIBRATION DATA

6 - FORM VI
INITIAL CALIBRATION DATA SHEET

RSK175

Client: Alpha Analytical Laboratory SDG: 24K1131

Project: Dissolved Gasses - JB CAT B

Calibration: 2200220 Instrument: SYSI

Calibration Date: 5/5/2022 12:00:50AM

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
		RF		RF		RF		RF		RF		RF
Ethane	50	283916.2	200	317503.7	500	293222.2	5000	309112.6	20000	300047.7	50000	319907.4
Ethene	50	280336.4	200	311937.7	500	284803.2	5000	302680.6	20000	292685.8	50000	310387.4
Methane	50	161338	200	167753.8	500	155630.1	5000	166626.6	20000	159259.6	50000	170502.7

6 - FORM VI
INITIAL CALIBRATION DATA SHEET (Continued)

RSK175

Laboratory: Pace New England Work Order: 24K1131

Client: Alpha Analytical Laboratory Project: Dissolved Gasses - JB CAT B

Calibration: 2200220 Instrument: SYSI

Calibration Date: 5/5/2022 12:00:50AM

COMPOUND	Mean RF	RF RSD	Linear r^2	Quad COD	LIMIT	Q
Ethane	303951.6	4.6			20	
Ethene	297138.5	4.5			20	
Methane	163518.5	3.5			20	

INITIAL CALIBRATION STANDARDS

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Sequence:	S071204	Instrument:	SYSI
Calibration:	2200220		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
2205121	RSK175 STD 50 PPMv	S071204-CAL1	I22A125002.d	05/05/22 09:44
2205122	RSK175 STD 200 PPMv	S071204-CAL2	I22A125003.d	05/05/22 10:02
2205123	RSK175 STD 500 PPMv	S071204-CAL3	I22A125004.d	05/05/22 10:10
2205124	RSK175 STD 5000 PPMv	S071204-CAL4	I22A125005.d	05/05/22 10:19
2205125	RSK175 STD 20000 PPMv	S071204-CAL5	I22A125006.d	05/05/22 10:37
2205126	RSK175 STD 50000 PPMv	S071204-CAL6	I22A125007.d	05/05/22 10:50

C:\MassHunter\GCMS\1\data\I050522\

Date	Filename	Lab ID	Sample Info
05 May 2022 09:29 am	I22A125001.d	CLUP	
05 May 2022 09:44 am	I22A125002.d	50PPM STD	20uL He
05 May 2022 10:02 am	I22A125003.d	200PPM STD	80uL He
05 May 2022 10:10 am	I22A125004.d	500PPM STD	200uL He
05 May 2022 10:19 am	I22A125005.d	5000PPM STD	20uL He
05 May 2022 10:37 am	I22A125006.d	20000PPM STD	80uL He
05 May 2022 10:50 am	I22A125007.d	50000PPM STD	200uL He
05 May 2022 11:01 am	I22A125008.d	5000PPM ICV	20UL He

Method Path : C:\MassHunter\GCMS\1\methods\
Method File : I020918.m
Title : RSK-175
Last Update : Thu May 05 10:59:49 2022
Response Via : Initial Calibration

Calibration Files
1 =I22A125002.d 2 =I22A125003.d 3 =I22A125004.d
4 =I22A125005.d 5 =I22A125006.d 6 =I22A125007.d

	Compound	1	2	3	4	5	6	Avg		%RSD
1)	Methane	1.613	1.678	1.556	1.666	1.593	1.705	1.635	E5	3.48
2)	Ethane	2.839	3.175	2.932	3.091	3.000	3.199	3.040	E5	4.64
3)	Ethene	2.803	3.119	2.848	3.027	2.927	3.104	2.971	E5	4.46

(#) = Out of Range

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125002.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 09:44 am
Operator : TPH
Sample : 50PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:09:46 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

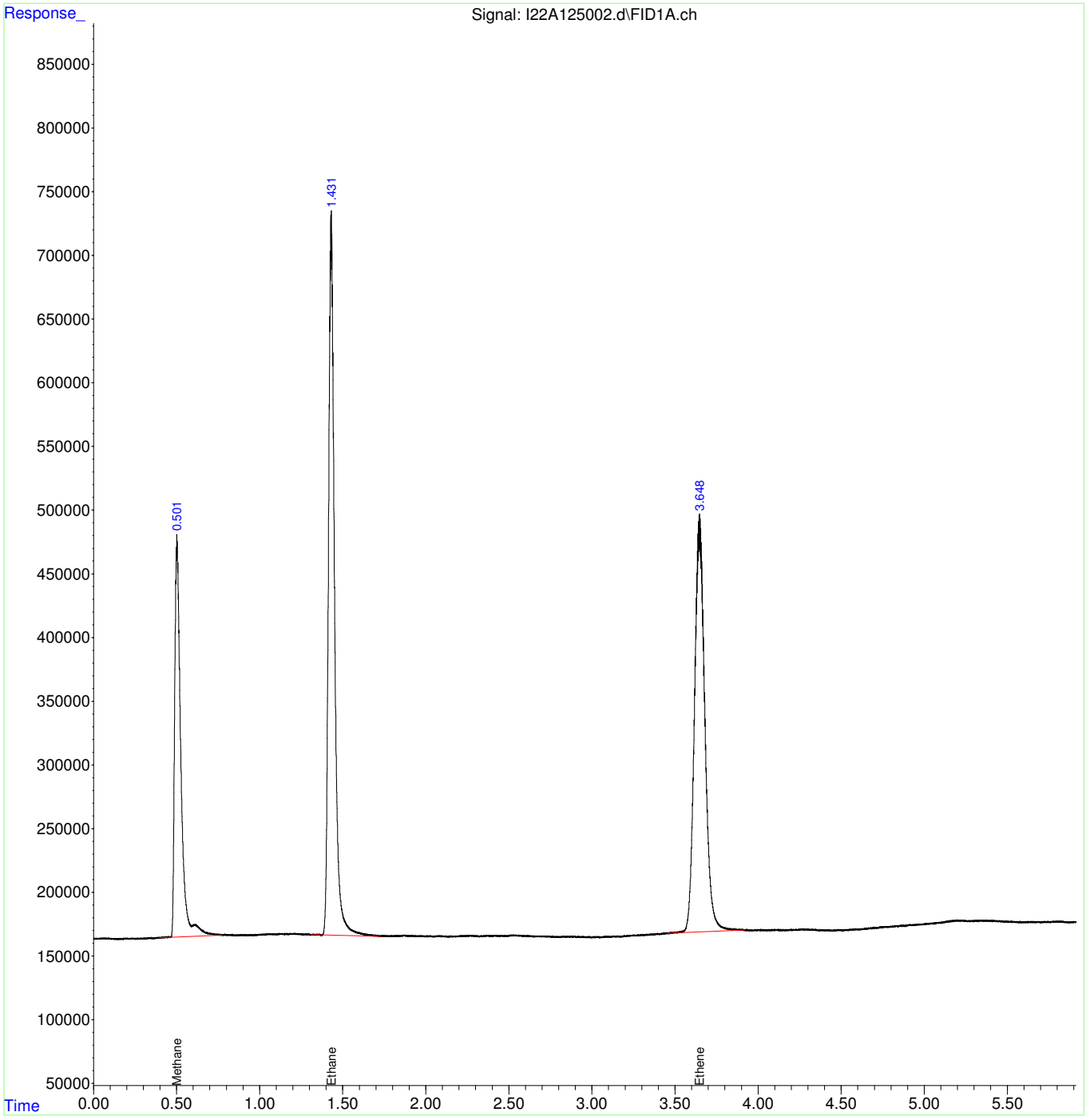
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.503	8066902	52.310 PPMv
2) Ethane	1.431	14195810	48.970 PPMv
3) Ethene	3.647	14016823	50.537 PPMv

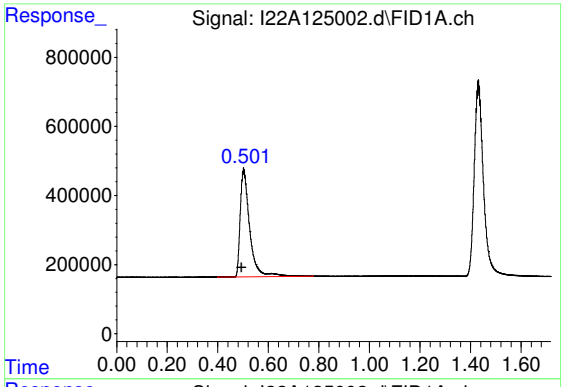
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125002.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 09:44 am
Operator : TPH
Sample : 50PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:09:46 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

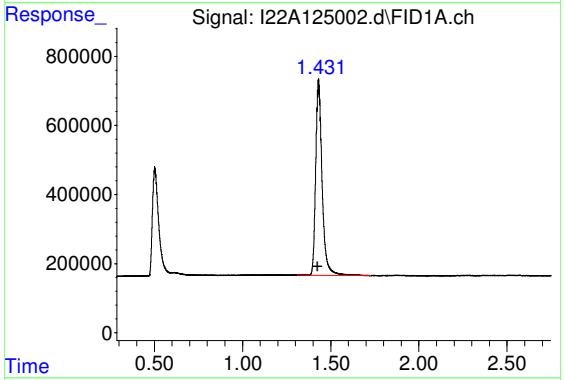
Volume Inj. :
Signal Phase :
Signal Info :





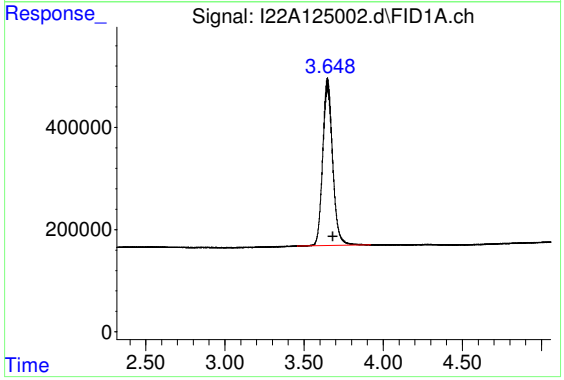
#1 Methane

R.T.: 0.503 min
Delta R.T.: 0.010 min
Response: 8066902
Conc: 52.31 PPMv



#2 Ethane

R.T.: 1.431 min
Delta R.T.: 0.008 min
Response: 14195810
Conc: 48.97 PPMv



#3 Ethene

R.T.: 3.647 min
Delta R.T.: -0.036 min
Response: 14016823
Conc: 50.54 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125003.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:02 am
Operator : TPH
Sample : 200PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:10:02 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

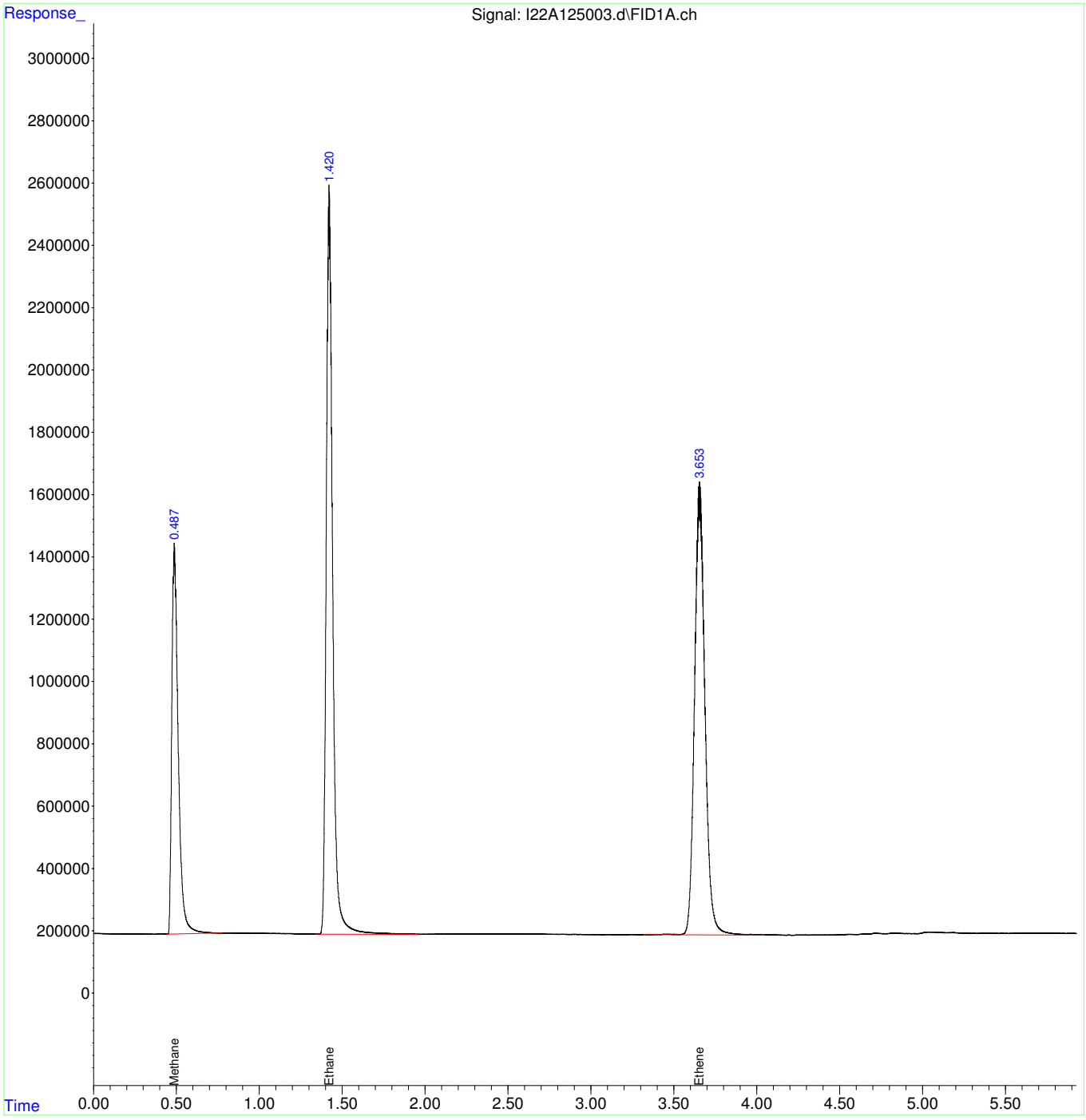
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.488	33550767	217.562 PPMv
2) Ethane	1.422	63500746	219.053 PPMv
3) Ethene	3.655	62387544	224.936 PPMv

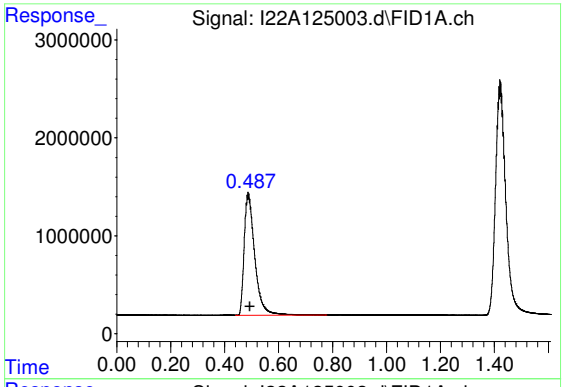
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125003.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:02 am
Operator : TPH
Sample : 200PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:10:02 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

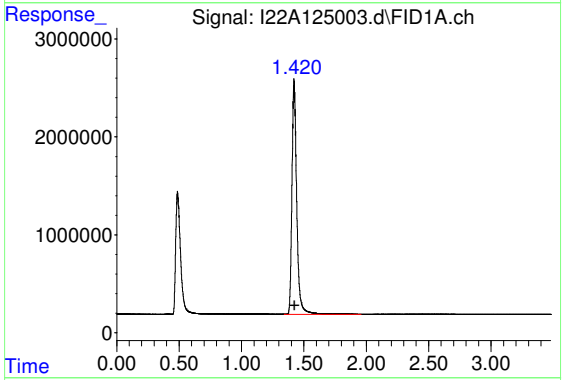
Volume Inj. :
Signal Phase :
Signal Info :





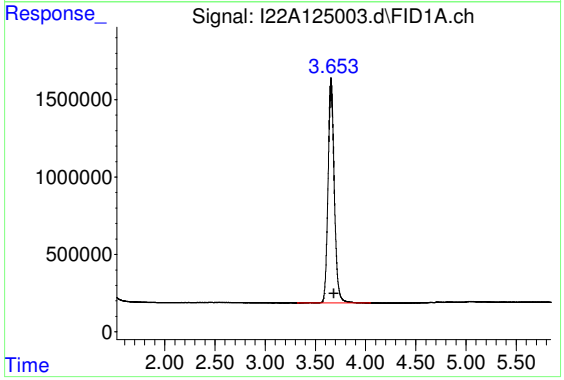
#1 Methane

R.T.: 0.488 min
Delta R.T.: -0.005 min
Response: 33550767
Conc: 217.56 PPMv



#2 Ethane

R.T.: 1.422 min
Delta R.T.: -0.002 min
Response: 63500746
Conc: 219.05 PPMv



#3 Ethene

R.T.: 3.655 min
Delta R.T.: -0.028 min
Response: 62387544
Conc: 224.94 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125004.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:10 am
Operator : TPH
Sample : 500PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:18:06 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

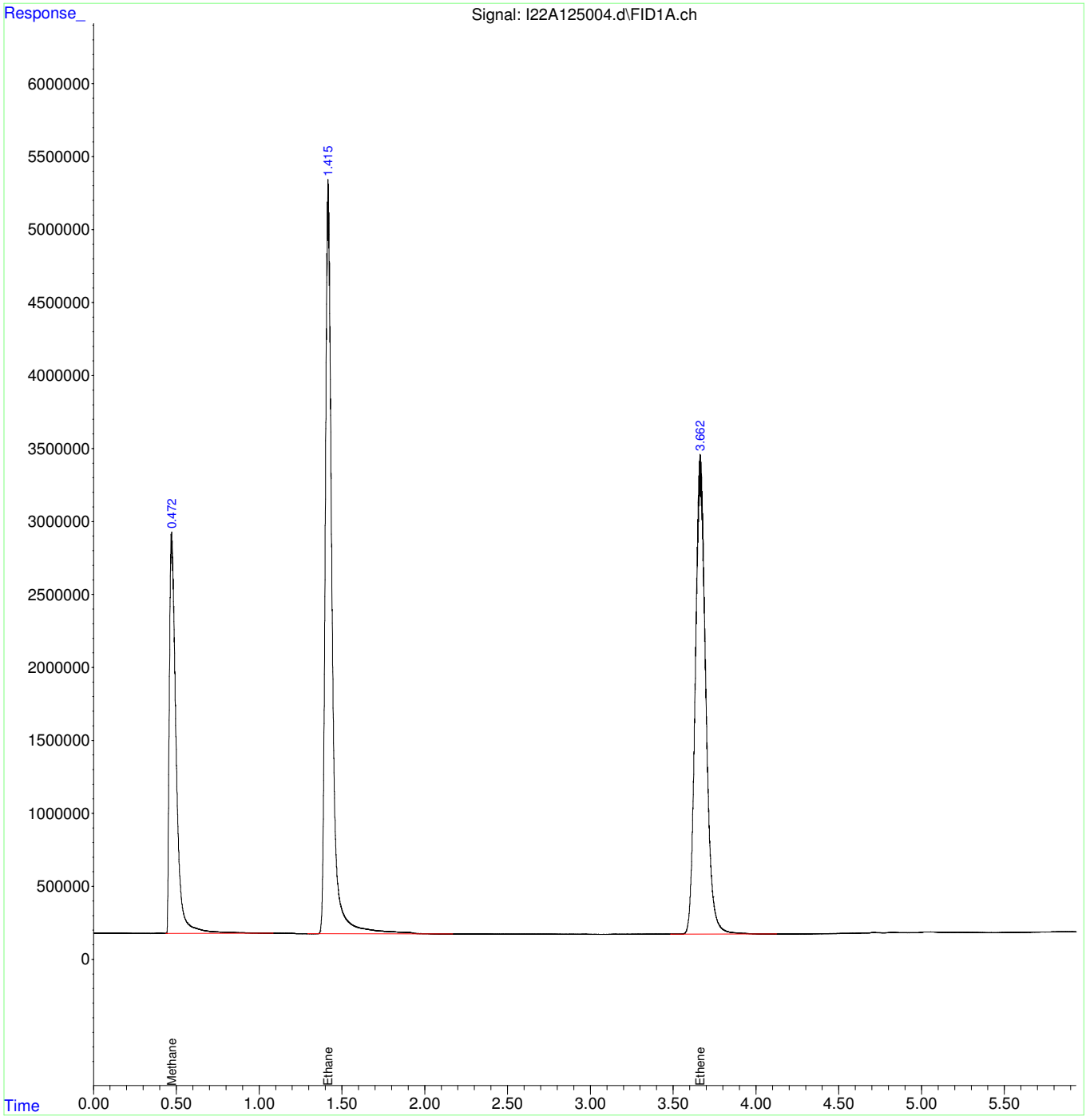
Compound	R.T.	Response	Conc Units
Target Compounds			
1) Methane	0.473	77815058	504.597 PPMv
2) Ethane	1.417	146611096	505.751 PPMv
3) Ethene	3.664	142401561	513.423 PPMv

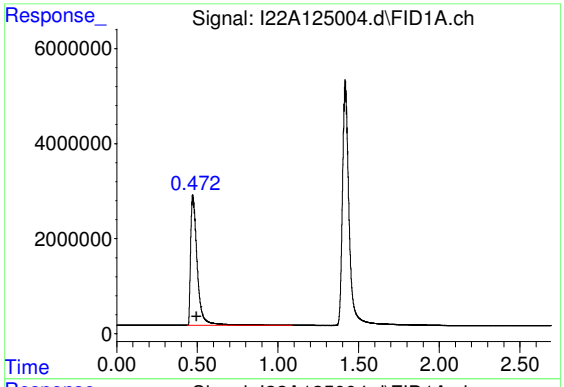
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125004.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:10 am
Operator : TPH
Sample : 500PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 4 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:18:06 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

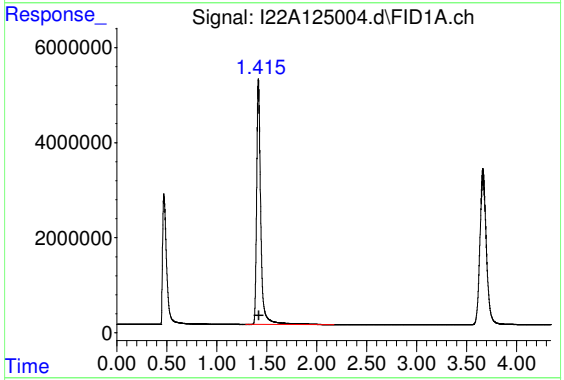
Volume Inj. :
Signal Phase :
Signal Info :





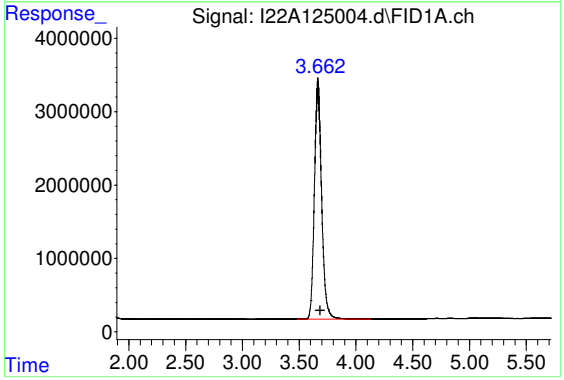
#1 Methane

R.T.: 0.473 min
Delta R.T.: -0.020 min
Response: 77815058
Conc: 504.60 PPMv



#2 Ethane

R.T.: 1.417 min
Delta R.T.: -0.006 min
Response: 146611096
Conc: 505.75 PPMv



#3 Ethene

R.T.: 3.664 min
Delta R.T.: -0.019 min
Response: 142401561
Conc: 513.42 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125005.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:19 am
Operator : TPH
Sample : 5000PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:36:08 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

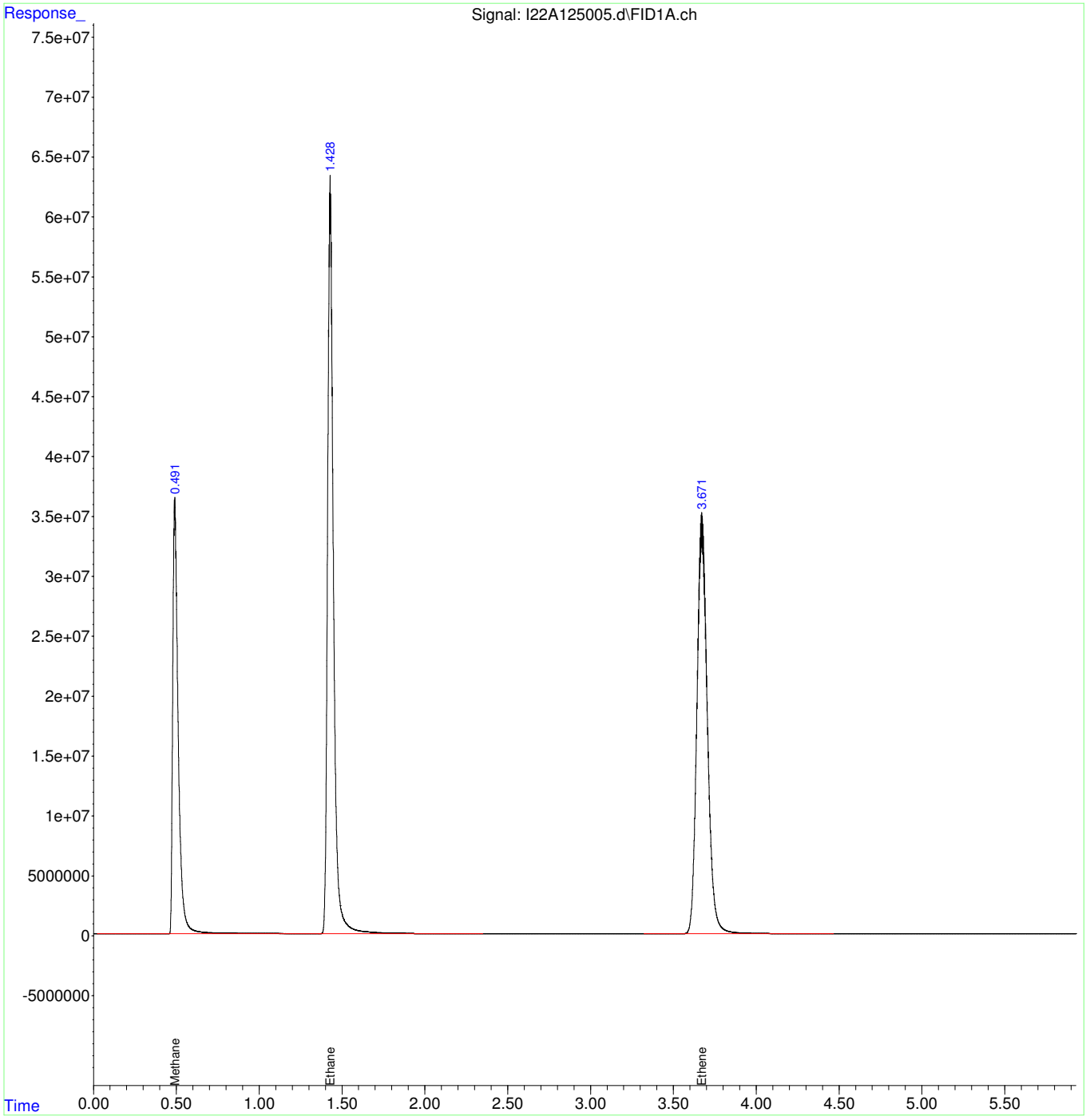
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.492	833133116	5402.505	PPMv
2) Ethane	1.429	1545562967	5331.586	PPMv
3) Ethene	3.672	1513403348	5456.515	PPMv

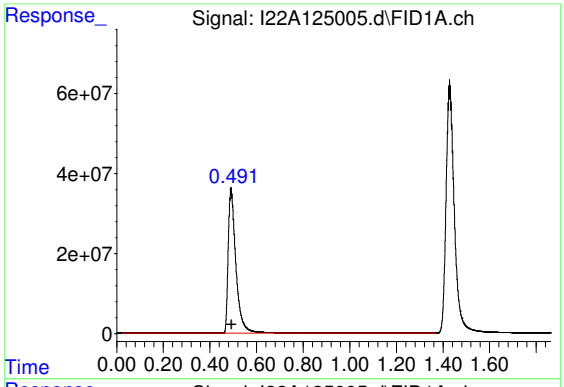
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125005.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:19 am
Operator : TPH
Sample : 5000PPM STD Inst : SYSI
Misc : 20uL He
ALS Vial : 5 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:36:08 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

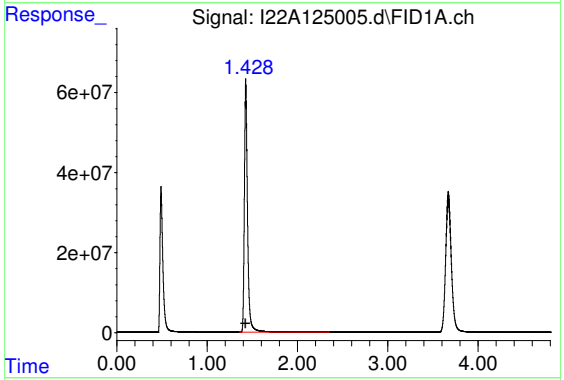
Volume Inj. :
Signal Phase :
Signal Info :





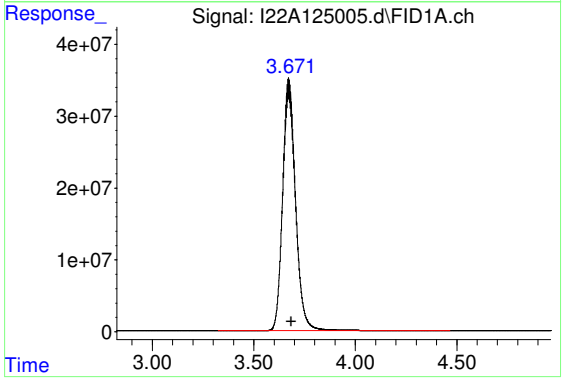
#1 Methane

R.T.: 0.492 min
Delta R.T.: -0.002 min
Response: 833133116
Conc: 5402.51 PPMv



#2 Ethane

R.T.: 1.429 min
Delta R.T.: 0.005 min
Response: 1545562967
Conc: 5331.59 PPMv



#3 Ethene

R.T.: 3.672 min
Delta R.T.: -0.012 min
Response: 1513403348
Conc: 5456.51 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125006.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:37 am
Operator : TPH
Sample : 20000PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:54:11 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

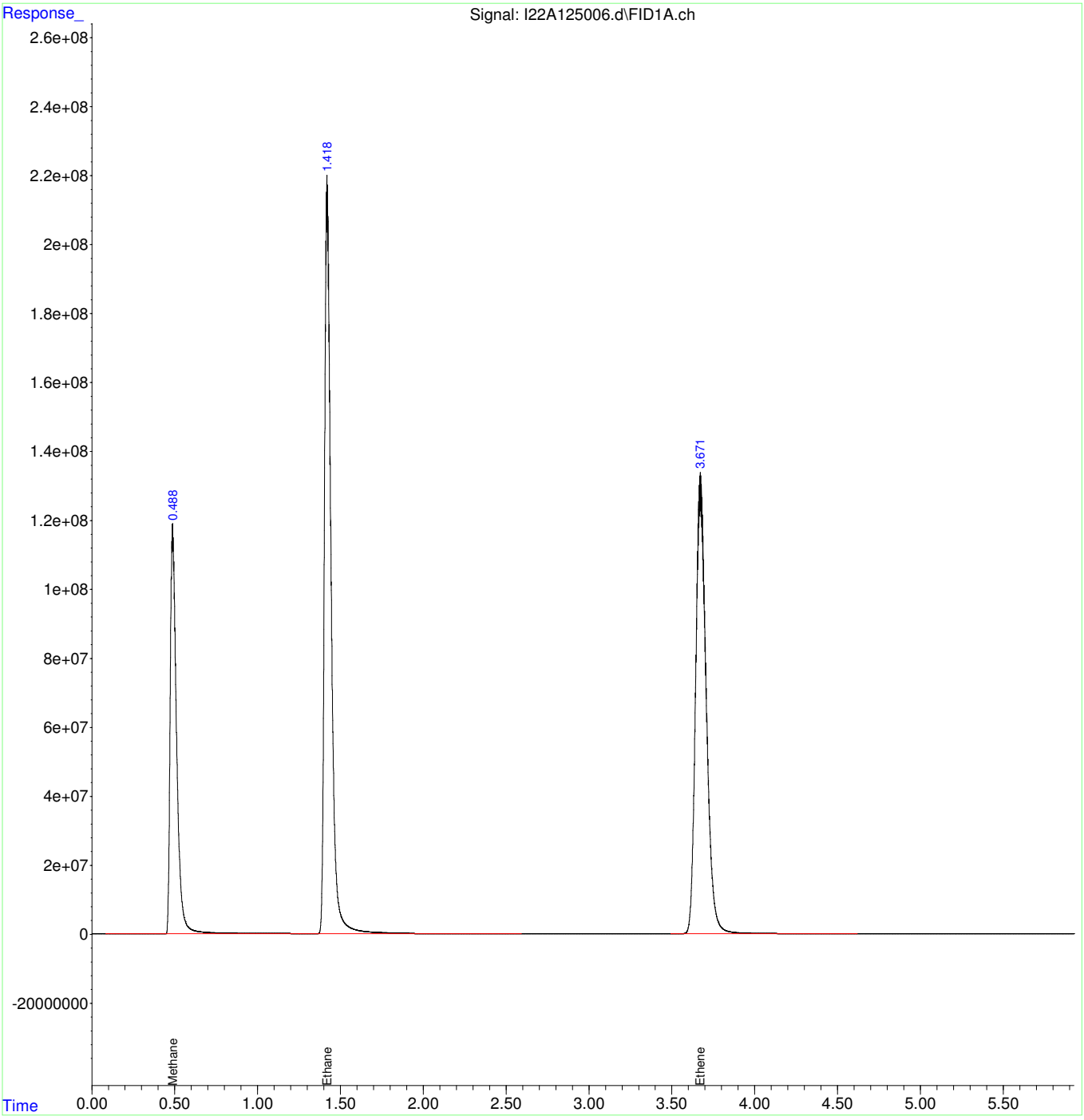
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.488	3185191997	20654.582	PPMv
2) Ethane	1.420	6000953139	20700.935	PPMv
3) Ethene	3.672	5853716849	21105.340	PPMv

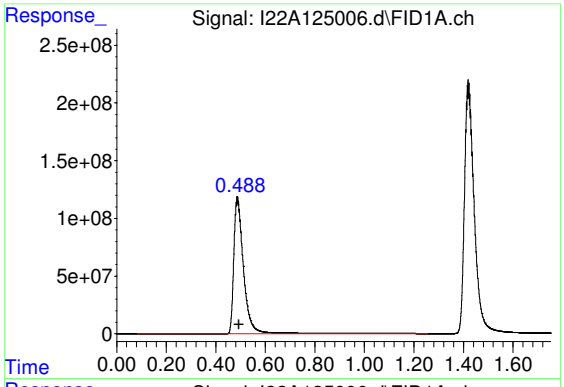
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125006.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:37 am
Operator : TPH
Sample : 20000PPM STD Inst : SYSI
Misc : 80uL He
ALS Vial : 6 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:54:11 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

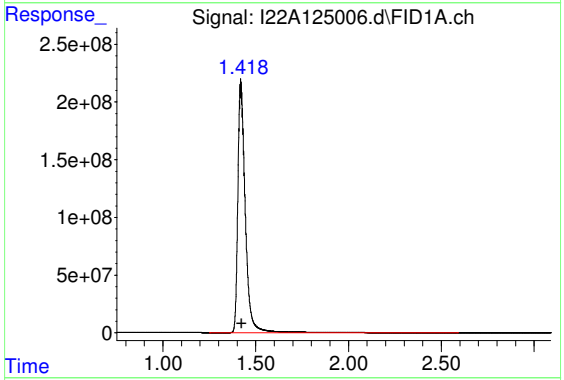
Volume Inj. :
Signal Phase :
Signal Info :





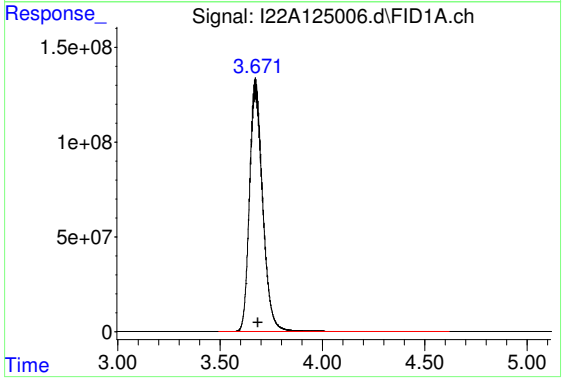
#1 Methane

R.T.: 0.488 min
Delta R.T.: -0.005 min
Response: 3185191997
Conc: 20654.58 PPMv



#2 Ethane

R.T.: 1.420 min
Delta R.T.: -0.003 min
Response: 6000953139
Conc: 20700.93 PPMv



#3 Ethene

R.T.: 3.672 min
Delta R.T.: -0.011 min
Response: 5853716849
Conc: 21105.34 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125007.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:50 am
Operator : TPH
Sample : 50000PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:57:30 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

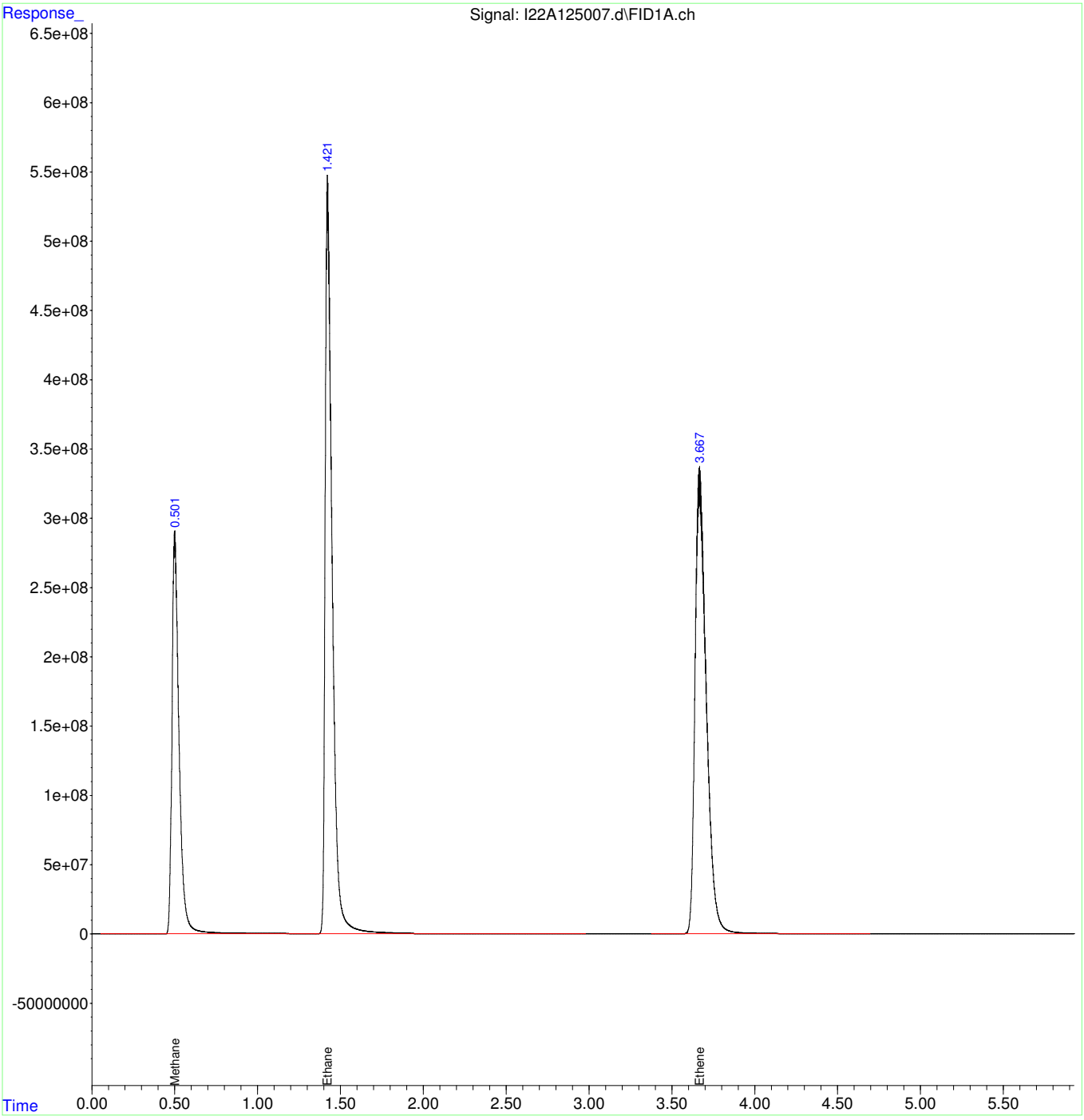
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.501	8525135452	55281.788	PPMv
2) Ethane	1.423	15995365809	55177.738	PPMv
3) Ethene	3.667	15519368947	55954.459	PPMv

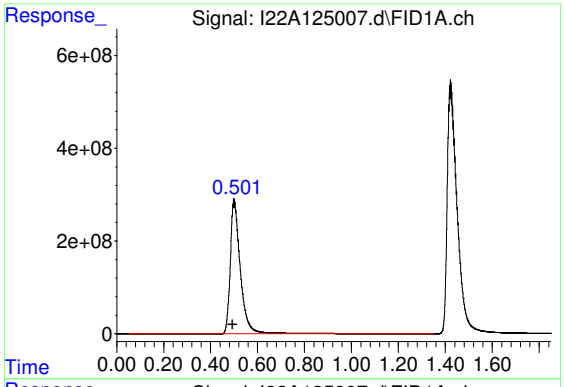
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125007.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 10:50 am
Operator : TPH
Sample : 50000PPM STD Inst : SYSI
Misc : 200uL He
ALS Vial : 7 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 10:57:30 2022
Quant Method : C:\MassHunter\GCMS\1\methods\RSK175 DATA 020918.m
Quant Title : RSK-175
QLast Update : Fri Feb 09 10:50:44 2018
Response via : Initial Calibration
Integrator: ChemStation

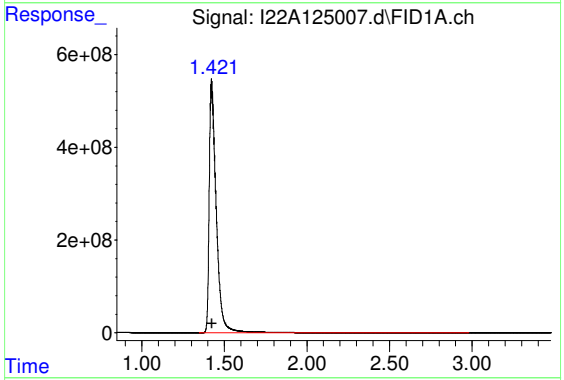
Volume Inj. :
Signal Phase :
Signal Info :





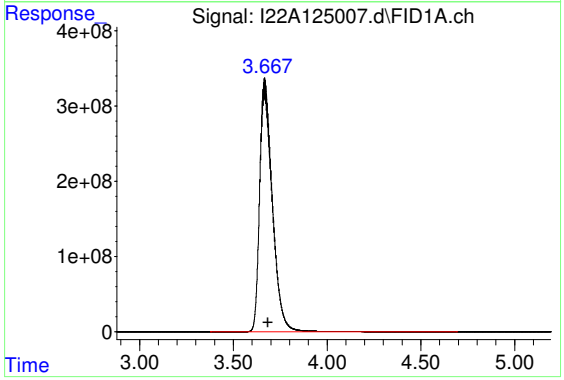
#1 Methane

R.T.: 0.501 min
Delta R.T.: 0.008 min
Response: 8525135452
Conc: 55281.79 PPMv



#2 Ethane

R.T.: 1.423 min
Delta R.T.: 0.000 min
Response: 15995365809
Conc: 55177.74 PPMv



#3 Ethene

R.T.: 3.667 min
Delta R.T.: -0.016 min
Response: 15519368947
Conc: 55954.46 PPMv

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(Min)
1	Methane	5000.000	4903.935	1.9	96	0.00
2	Ethane	5000.000	4918.363	1.6	97	0.00
3	Ethene	5000.000	4947.389	1.1	97	0.01

Evaluate Continuing Calibration Report - Not Founds

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

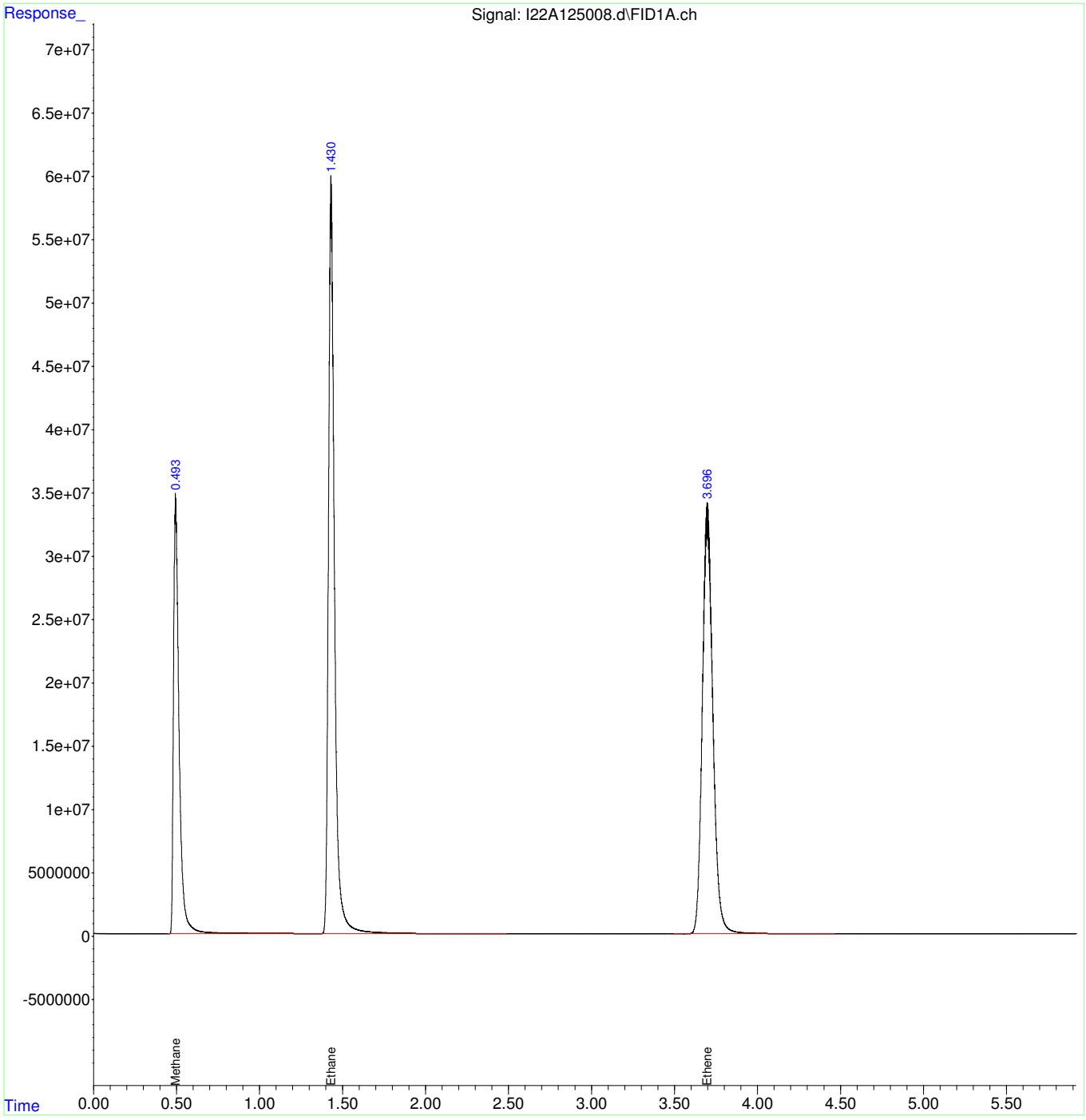
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.495	801884049	4903.935	PPMv
2) Ethane	1.432	1494944269	4918.363	PPMv
3) Ethene	3.698	1470059882	4947.389	PPMv

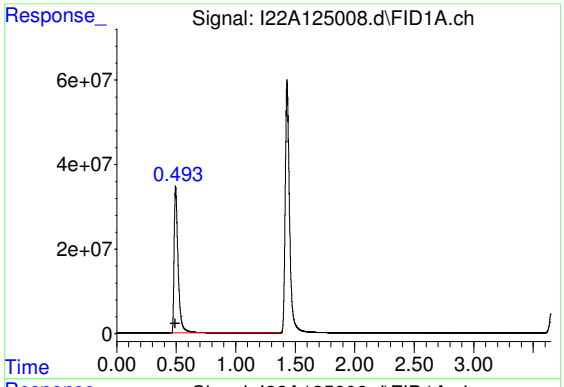
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I050522\
Data File : I22A125008.d
Signal(s) : FID1A.ch
Acq On : 05 May 2022 11:01 am
Operator : TPH
Sample : 5000PPM ICV Inst : SYSI
Misc : 20UL He
ALS Vial : 8 Sample Multiplier: 1

Integration File: events.e
Quant Time: May 05 11:11:55 2022
Quant Method : C:\MassHunter\GCMS\1\methods\I020918.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

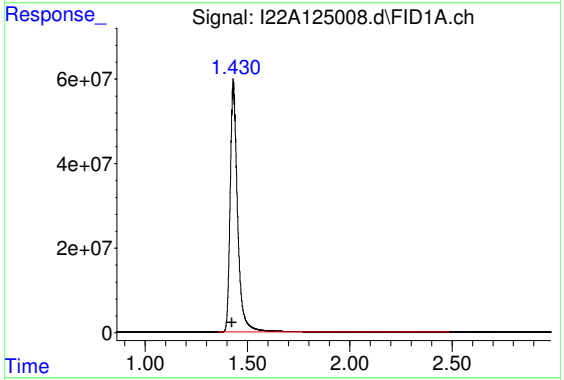
Volume Inj. :
Signal Phase :
Signal Info :





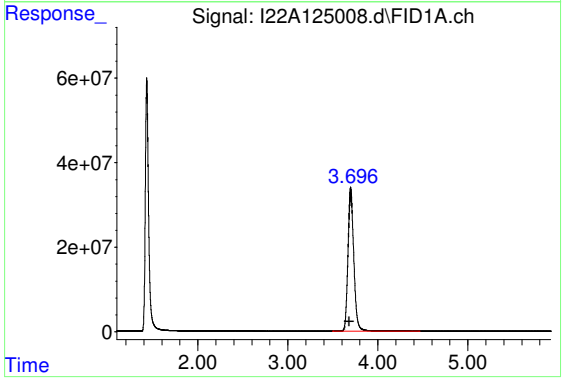
#1 Methane

R.T.: 0.495 min
Delta R.T.: 0.002 min
Response: 801884049
Conc: 4903.94 PPMv



#2 Ethane

R.T.: 1.432 min
Delta R.T.: 0.008 min
Response: 1494944269
Conc: 4918.36 PPMv



#3 Ethene

R.T.: 3.698 min
Delta R.T.: 0.015 min
Response: 1470059882
Conc: 4947.39 PPMv

7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325001.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV1	Injection Time:	09:13

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5250	303951.6	318889		4.9	15
Ethene	A	5000	5250	297138.5	311883.6		5.0	15
Methane	A	5000	5150	163518.5	168340.7		2.9	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325001.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:13 am
Operator : TPH
Sample : CCV1 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:21:10 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

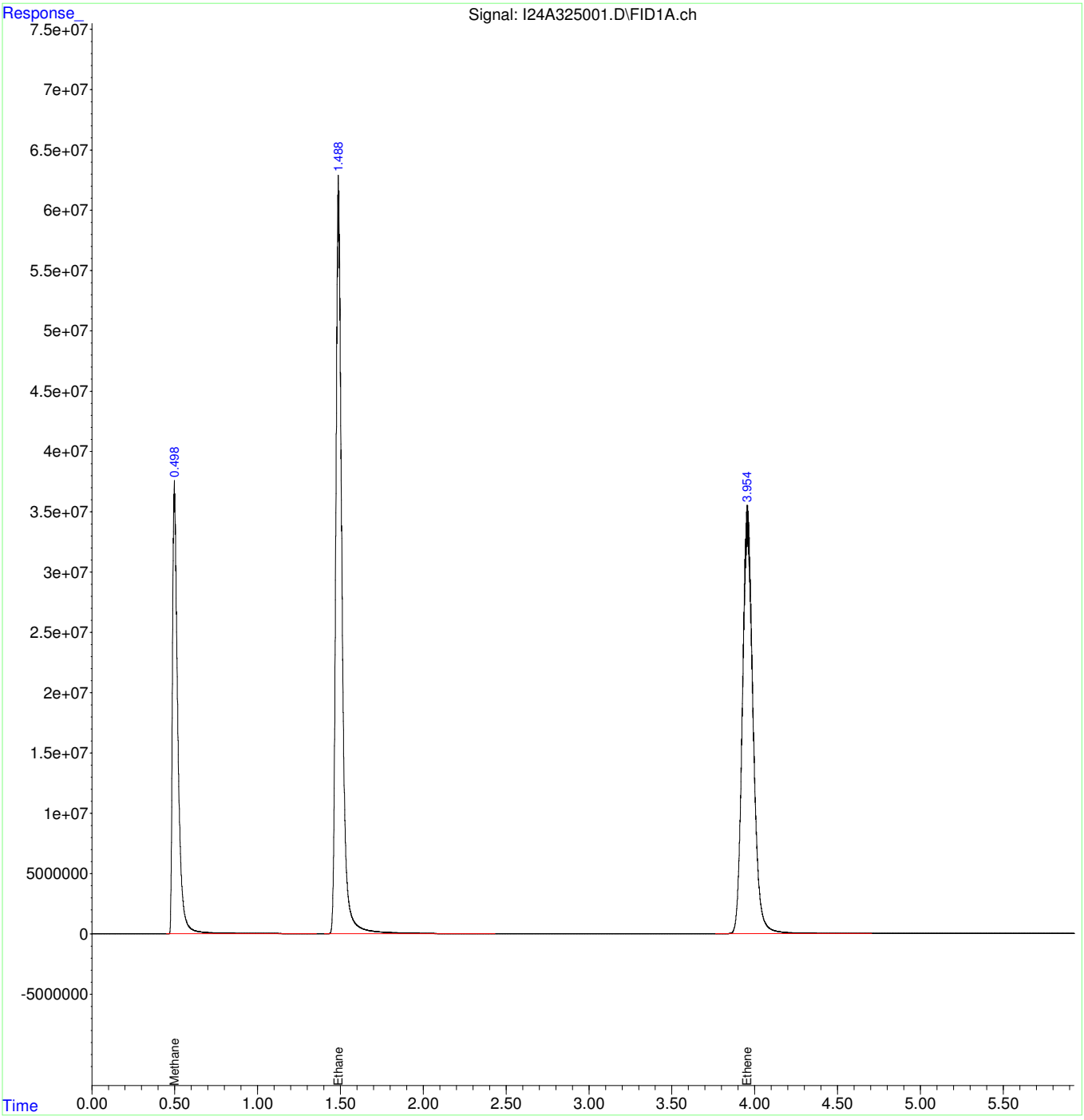
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.499	841703494	5147.452	PPMv
2) Ethane	1.489	1594445372	5245.721	PPMv
3) Ethene	3.956	1559417883	5248.117	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325001.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:13 am
Operator : TPH
Sample : CCV1 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 1 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:21:10 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325015.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV2	Injection Time:	11:12

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5310	303951.6	322627.6		6.1	15
Ethene	A	5000	5320	297138.5	316029		6.4	15
Methane	A	5000	5240	163518.5	171416.1		4.8	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325015.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:12 am
Operator : TPH
Sample : CCV2 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:22:59 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

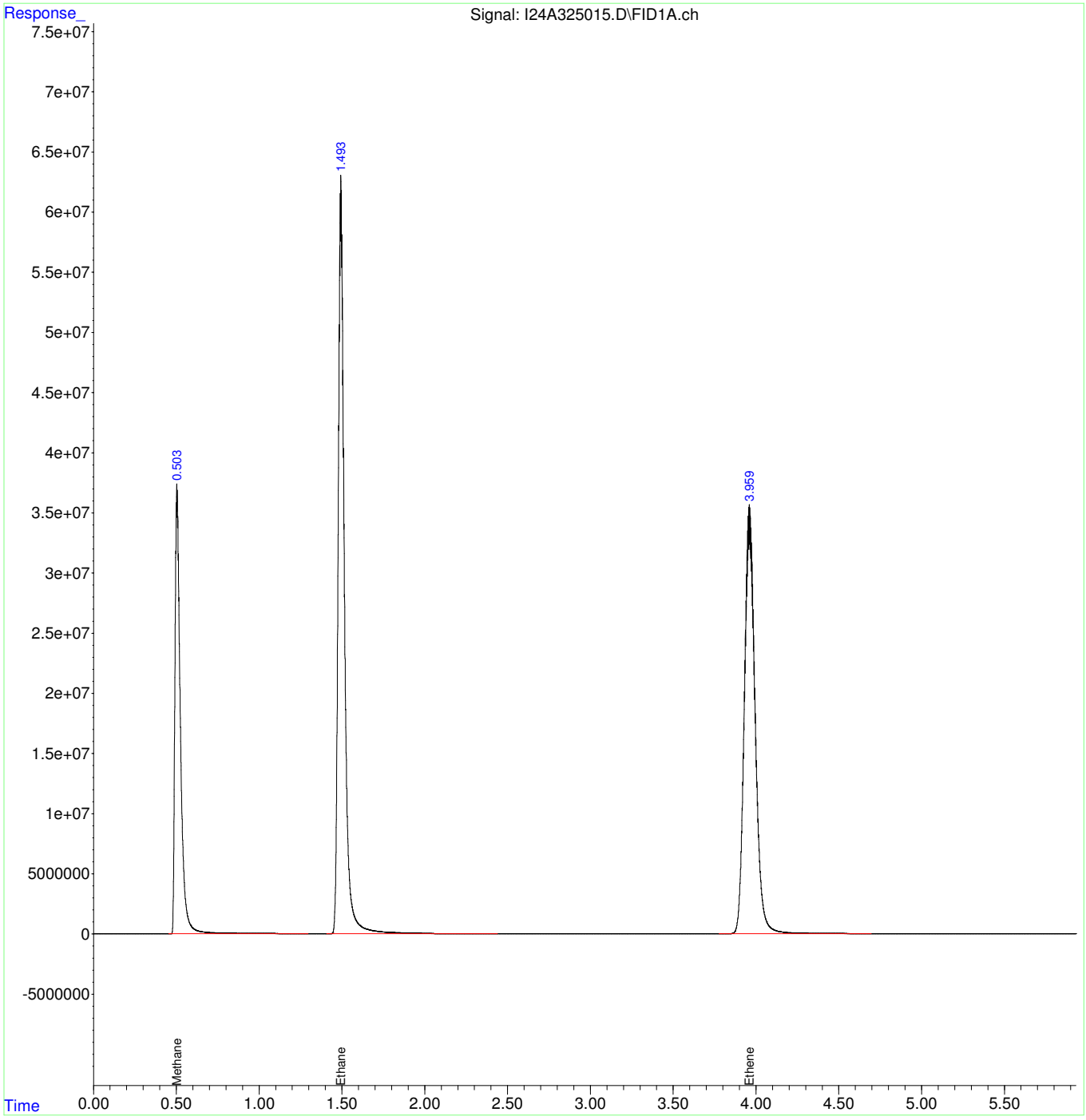
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.505	857080727	5241.491	PPMv
2)	Ethane	1.494	1613137726	5307.219	PPMv
3)	Ethene	3.960	1580144900	5317.873	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325015.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 11:12 am
Operator : TPH
Sample : CCV2 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 15 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 11:22:59 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325023.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV3	Injection Time:	12:21

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5200	303951.6	316042.4		4.0	15
Ethene	A	5000	5220	297138.5	310198.2		4.4	15
Methane	A	5000	5160	163518.5	168890.3		3.3	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325023.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:21 pm
Operator : TPH
Sample : CCV3 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:27:35 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

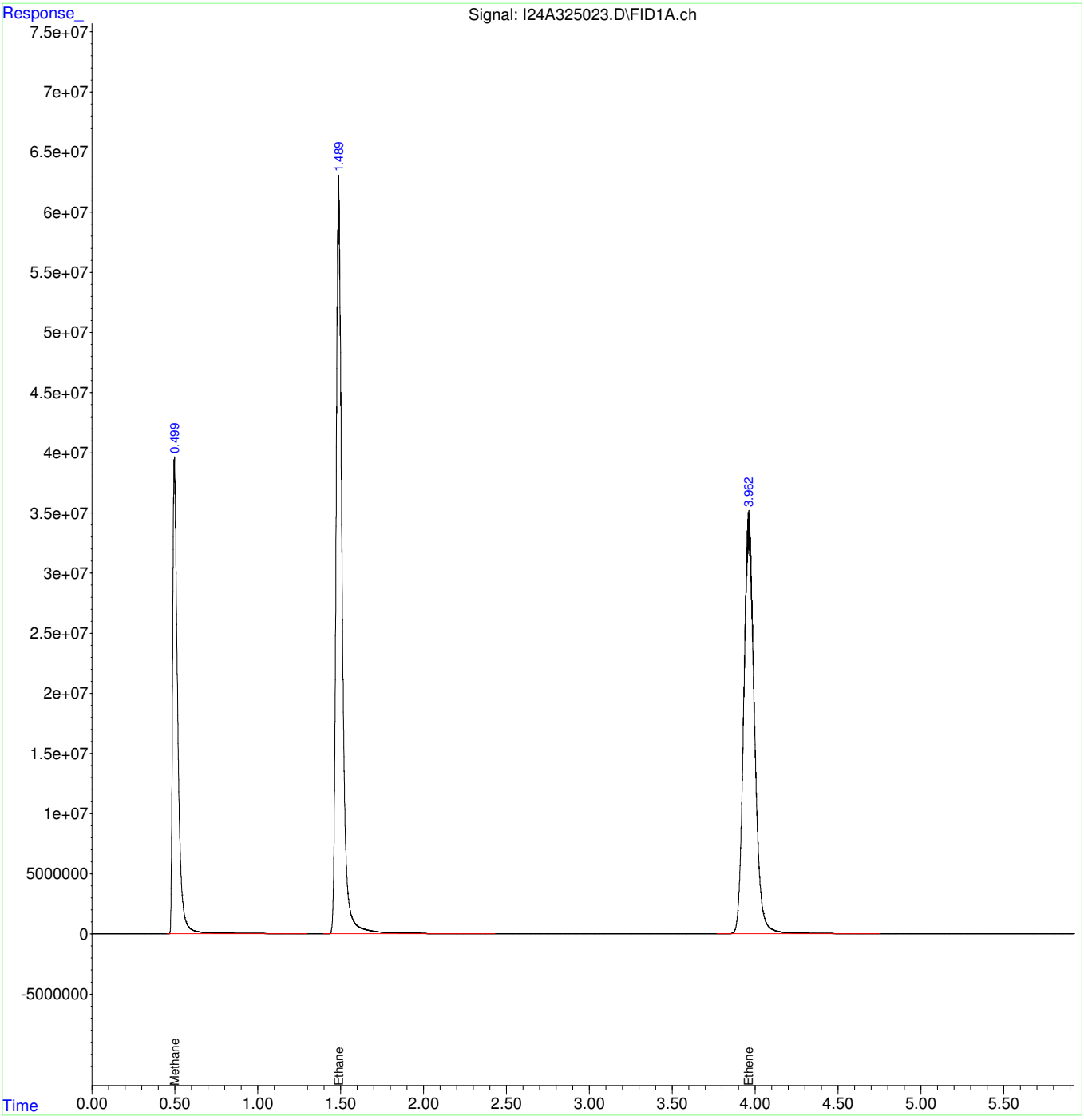
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.499	844451703	5164.258	PPMv
2)	Ethane	1.489	1580211671	5198.892	PPMv
3)	Ethene	3.962	1550991248	5219.758	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325023.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:21 pm
Operator : TPH
Sample : CCV3 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 23 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:27:35 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



7 - FORM VII

CONTINUING CALIBRATION VERIFICATION

RSK175

Laboratory:	Pace New England	Work Order:	24K1131
Client:	Alpha Analytical Laboratory	Project:	Dissolved Gasses - JB CAT B
Instrument ID:	SYSI	Calibration:	2200220
Lab File ID:	I24A325034.D	Calibration Date:	05/05/22 00:00
Sequence:	S114236	Injection Date:	11/20/24
Lab Sample ID:	S114236-CCV4	Injection Time:	14:05

		CONC. (mg/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethane	A	5000	5250	303951.6	319056.2		5.0	15
Ethene	A	5000	5270	297138.5	313262.6		5.4	15
Methane	A	5000	5170	163518.5	169069.7		3.4	15

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325034.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 02:05 pm
Operator : TPH
Sample : CCV4 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:14:43 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

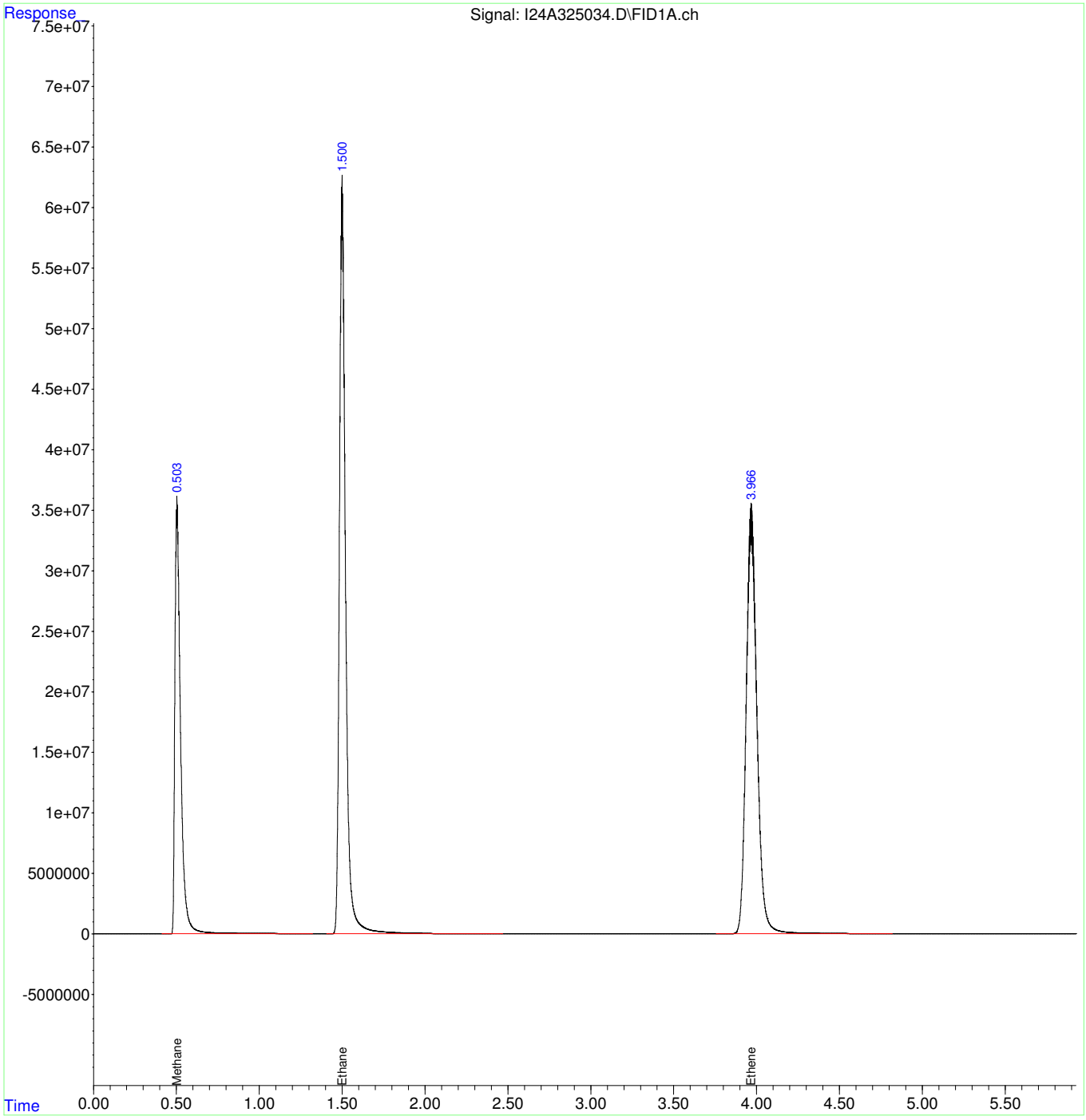
	Compound	R.T.	Response	Conc	Units
	Target Compounds				
1)	Methane	0.505	845348610	5169.743	PPMv
2)	Ethane	1.500	1595281253	5248.471	PPMv
3)	Ethene	3.968	1566312930	5271.322	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325034.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 02:05 pm
Operator : TPH
Sample : CCV4 Inst : SYSI
Misc : 20uL CTS-252 10-18-25
ALS Vial : 34 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 14:14:43 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



QC DATA

1 - FORM I
ANALYSIS DATA SHEET

Blank

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB CAT B	
Matrix:	Water	Laboratory ID:	B392738-BLK1	File ID:	I24A325003.D
Sampled:		Prepared:	11/20/24 09:36	Analyzed:	11/20/24 09:36
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane		0.0013	0.014	
74-85-1	Ethene		0.0018	0.017	
74-82-8	Methane		0.0010	0.0070	

Sample # MBL Ph=<2

Temperature (*C)	23.70
Tare weight (g)	29.35
Total weight (g)	71.52
Headspace weight(g)	66.61

Methane Quant	0.000	Methane	0.00000	mg/L
Ethane Quant	0.000	Ethane	0.00000	mg/L
Ethylene Quant	0.000	Ethylene	0.00000	mg/L

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325003.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:36 am
Operator : TPH
Sample : MBL1 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:45:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

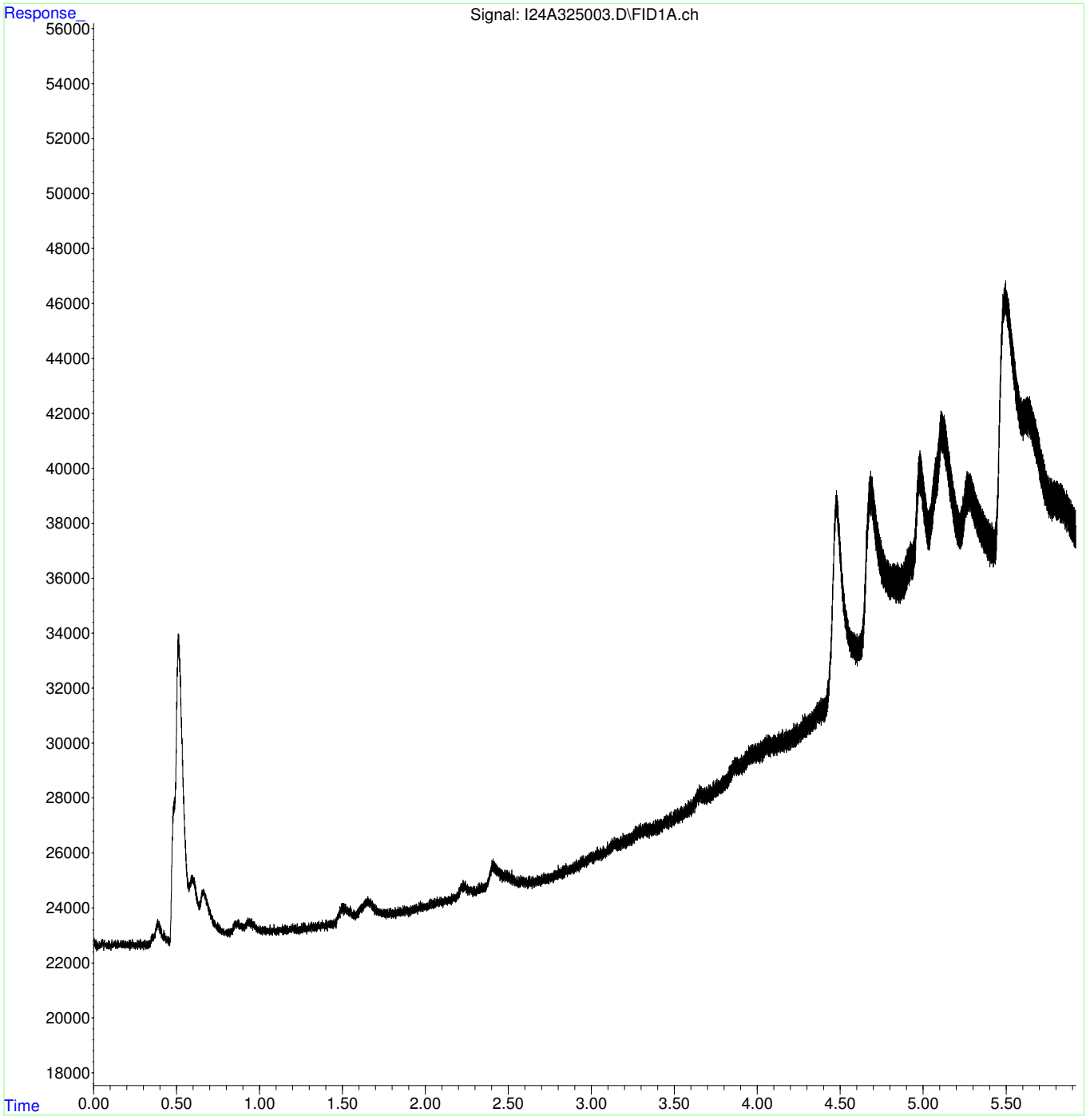
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.514	377210	<MDL	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325003.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:36 am
Operator : TPH
Sample : MBL1 Inst : SYSI
Misc : 1,1,0.2,0.2,1X
ALS Vial : 3 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:45:28 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



1 - FORM I
ANALYSIS DATA SHEET

LCS

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB CAT B	
Matrix:	Water	Laboratory ID:	B392738-BS1	File ID:	I24A325002.D
Sampled:		Prepared:	11/20/24 09:21	Analyzed:	11/20/24 09:21
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.29			
74-85-1	Ethene	0.26			
74-82-8	Methane	0.15			

Sample # LCS Calculated

Temperature (*C)	23.60
Tare weight (g)	29.23
Total weight (g)	71.31
Headspace weight	66.03

Methane Quant	1265.941	Methane	0.14847	mg/L
Ethane Quant	1228.996	Ethane	0.28885	mg/L
Ethylene Quant	868.240	Ethylene	0.26308	mg/L

Sample # LCS TRUE

Temperature (*C)	23.6
Tare weight (g)	29.2
Total weight (g)	71.3
Headspace weight	66.0

Methane Quant	1517.584	Methane	0.17799	mg/L
Ethane Quant	1417.571	Ethane	0.33317	mg/L
Ethylene Quant	1025.109	Ethylene	0.31061	mg/L

Sample # LCS

Temperature (*C)	23.6
Tare weight (g)	29.2
Total weight (g)	71.3
Headspace weight	66.0

	True Value	Calculated			
Methane Quant	1517.584	1265.941	Methane	83.42	%
Ethane Quant	1417.571	1228.996	Ethane	86.70	%
Ethylene Quant	1025.109	868.240	Ethylene	84.70	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325002.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:21 am
Operator : TPH
Sample : LCS1 Inst : SYSI
Misc : 200uL CTS-267 04-02-27
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:34:20 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

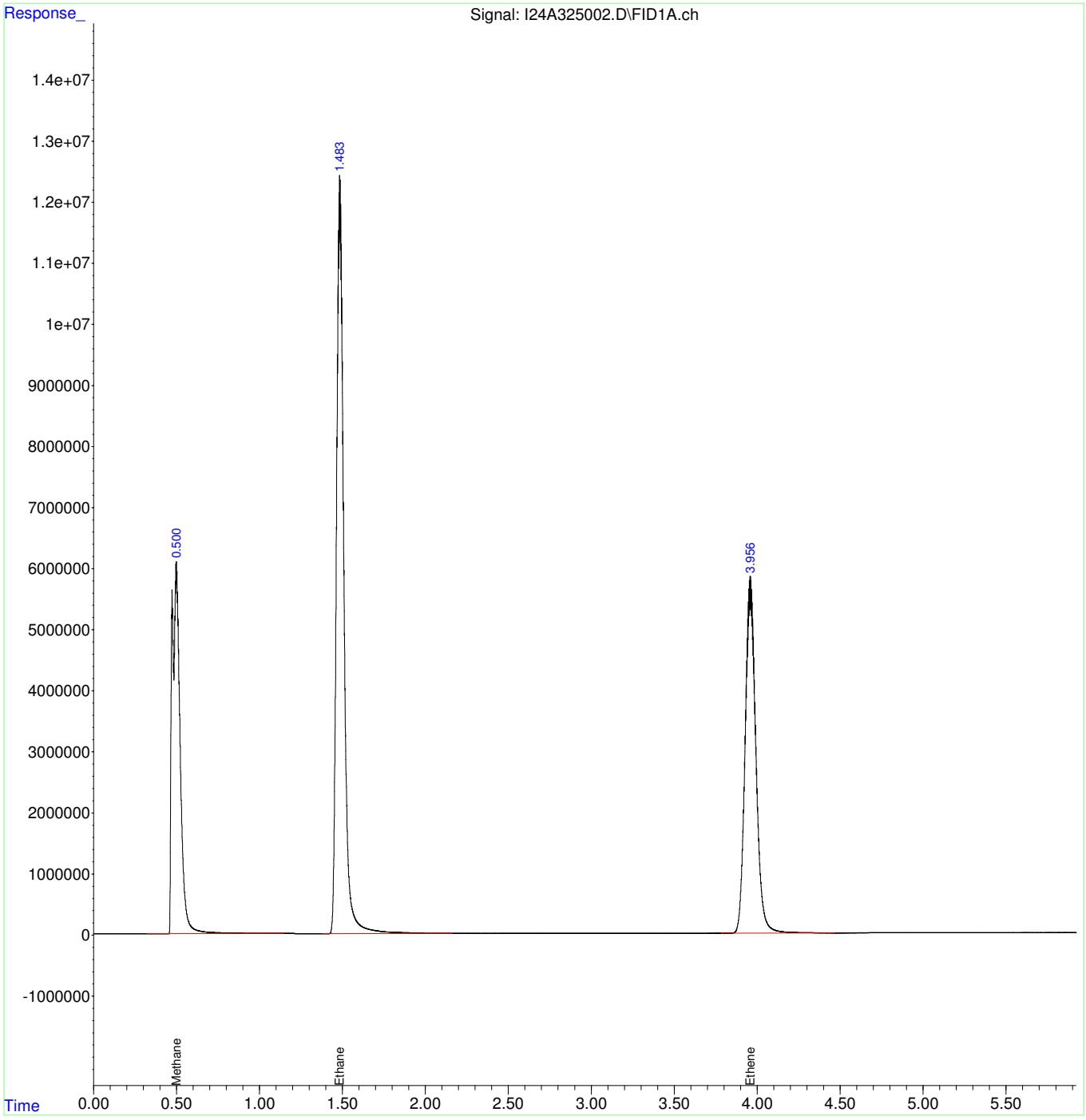
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.500	207004835	1265.941	PPMv
2) Ethane	1.485	373555411	1228.996	PPMv
3) Ethene	3.958	257987503	868.240	PPMv

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325002.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 09:21 am
Operator : TPH
Sample : LCS1 Inst : SYSI
Misc : 200uL CTS-267 04-02-27
ALS Vial : 2 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 09:34:20 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :



1 - FORM I
ANALYSIS DATA SHEET

Duplicate

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB CAT B	
Matrix:	Water	Laboratory ID:	B392738-DUP3	File ID:	I24A325030.D
Sampled:		Prepared:	11/20/24 13:20	Analyzed:	11/20/24 13:20
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.00392	0.0013	0.014	J
74-85-1	Ethene	0.389	0.0018	0.017	
74-82-8	Methane	2.42	0.0010	0.0070	

Sample # 24K1131-04 DUP Ph=<2

Temperature (*C)	23.10
Tare weight (g)	26.56
Total weight (g)	69.15
Headspace weight(g)	64.15

Methane Quant	21832.089	Methane	2.41847	mg/L
Ethane Quant	17.581	Ethane	0.00392	mg/L
Ethylene Quant	1327.839	Ethylene	0.38866	mg/L

Quantitation Report (QT Reviewed)

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325030.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:20 pm
Operator : TPH
Sample : 24K1131-04DUP Inst : SYSI
Misc : 1,1,0.2,0.2,1XDUP
ALS Vial : 30 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:40:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

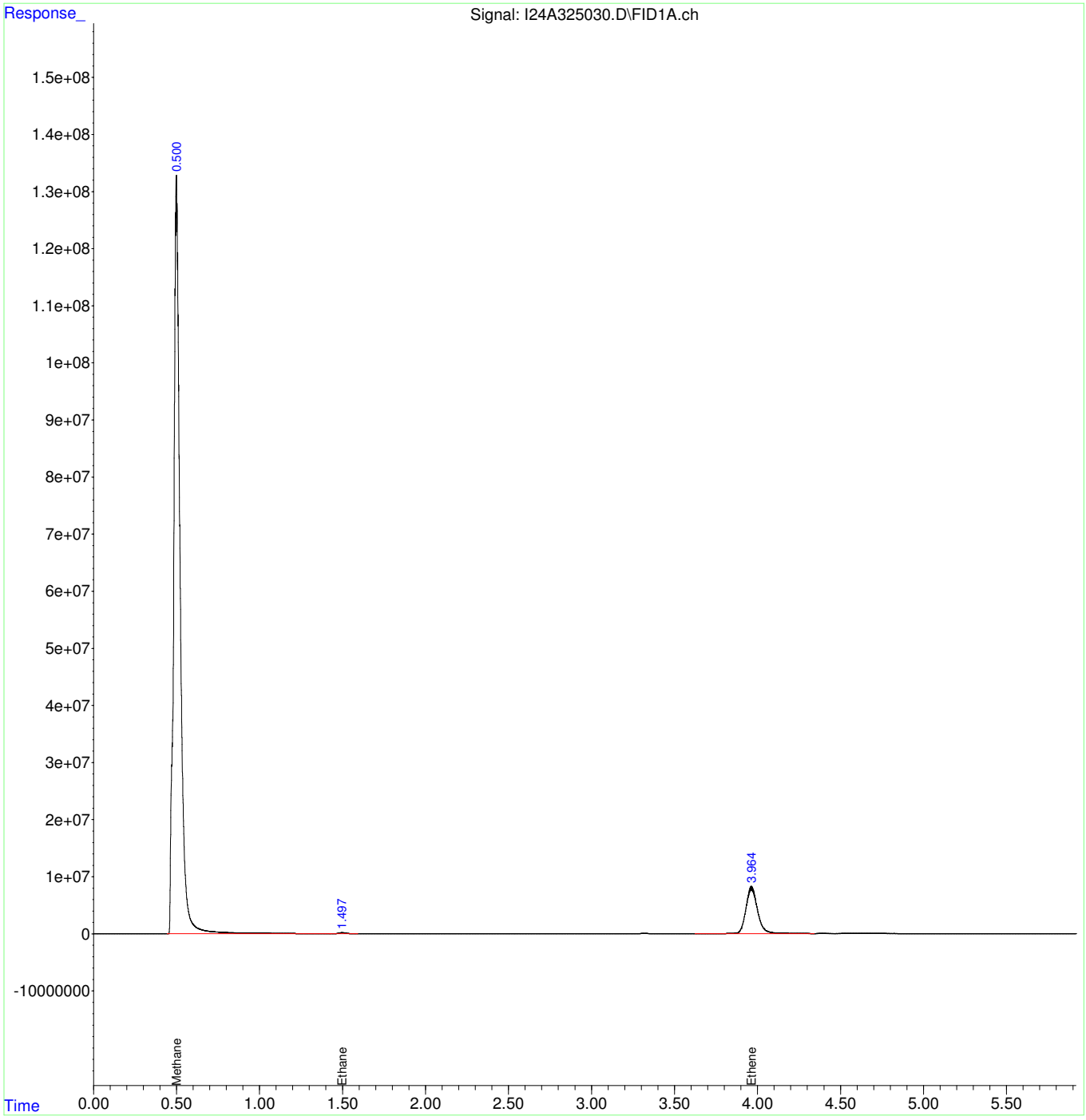
	Compound	R.T.	Response	Conc Units
Target Compounds				
1)	Methane	0.500	3569950261	21832.089 PPMv
2)	Ethane	1.498	5343909	17.581 PPMv
3)	Ethene	3.963	394552063	1327.839 PPMv

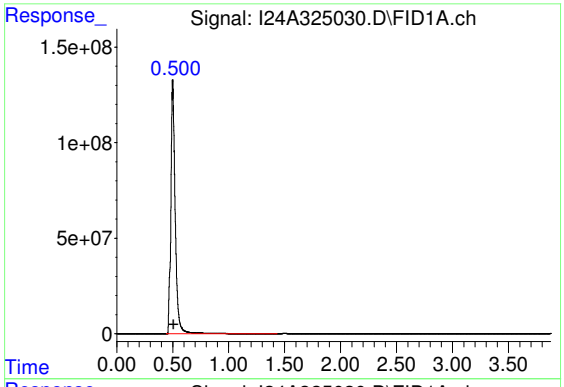
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325030.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:20 pm
Operator : TPH
Sample : 24K1131-04DUP Inst : SYSI
Misc : 1,1,0.2,0.2,1XDUP
ALS Vial : 30 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:40:09 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

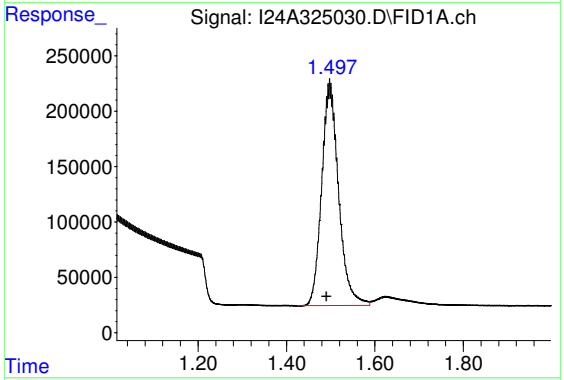
Volume Inj. :
Signal Phase :
Signal Info :





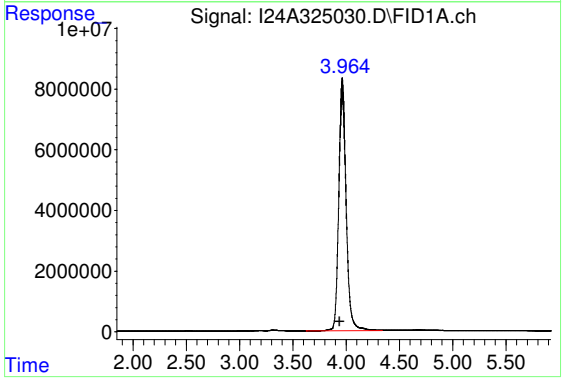
#1 Methane

R.T.: 0.500 min
Delta R.T.: -0.007 min
Response: 3569950261
Conc: 21832.09 PPMv



#2 Ethane

R.T.: 1.498 min
Delta R.T.: 0.008 min
Response: 5343909
Conc: 17.58 PPMv



#3 Ethene

R.T.: 3.963 min
Delta R.T.: 0.023 min
Response: 394552063
Conc: 1327.84 PPMv

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB CAT B	
Matrix:	Water	Laboratory ID:	B392738-MS3	File ID:	I24A325027.D
Sampled:		Prepared:	11/20/24 12:51	Analyzed:	11/20/24 12:51
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.333			
74-85-1	Ethene	0.307			
74-82-8	Methane	0.389			

Sample # MS Calculated

Temperature (*C)	23.40
Tare weight (g)	25.50
Total weight (g)	68.10
Headspace weight	63.00

Methane Quant	3453.681	Methane	0.38860	mg/L
Ethane Quant	1470.021	Ethane	0.33259	mg/L
Ethylene Quant	1039.960	Ethylene	0.30688	mg/L

Sample #	MS	TRUE

Temperature (*C)	23.4
Tare weight (g)	25.5
Total weight (g)	68.1
Headspace weight	63.0

Methane Quant	1555.352	Methane	0.17500	mg/L
Ethane Quant	1448.677	Ethane	0.32776	mg/L
Ethylene Quant	1035.937	Ethylene	0.30570	mg/L

Sample #	MS

Temperature (*C)	23.4
Tare weight (g)	25.5
Total weight (g)	68.1
Headspace weight	63.0

	True Value	Calculated			
Methane Quant	1555.352	3453.681	Methane	222.05	%
Ethane Quant	1448.677	1470.021	Ethane	101.47	%
Ethylene Quant	1035.937	1039.960	Ethylene	100.39	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325027.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:51 pm
Operator : TPH
Sample : 24K1131-03MS Inst : SYSI
Misc : 1,1,0.2,0.2,1XMS
ALS Vial : 27 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:58:50 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

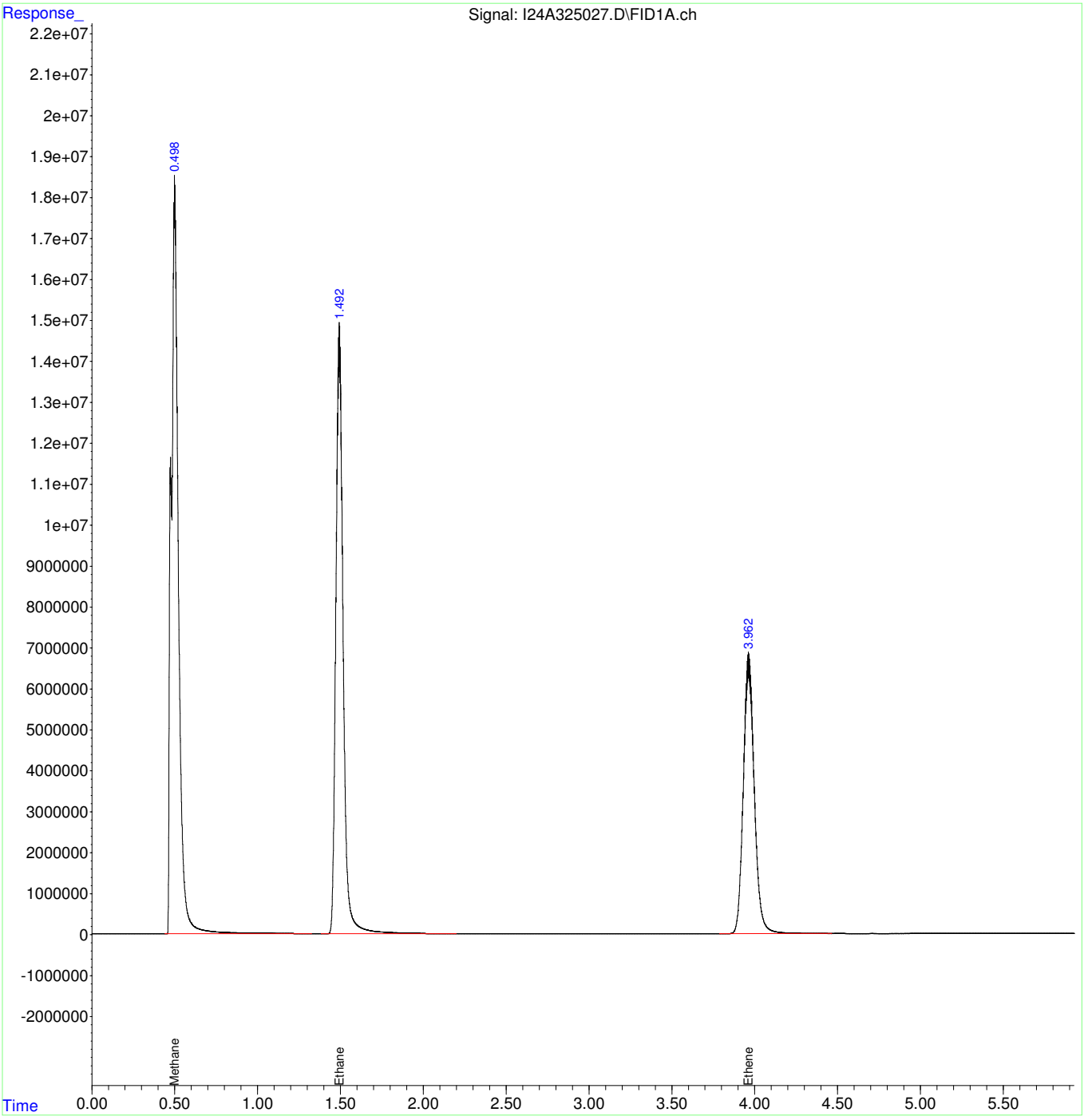
	Compound	R.T.	Response	Conc	Units
Target Compounds					
1)	Methane	0.501	564740724	3453.681	PPMv
2)	Ethane	1.493	446815291	1470.021	PPMv
3)	Ethene	3.963	309012184	1039.960	PPMv

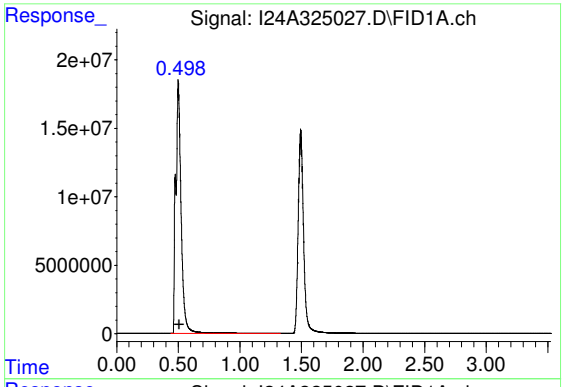
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325027.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 12:51 pm
Operator : TPH
Sample : 24K1131-03MS Inst : SYSI
Misc : 1,1,0.2,0.2,1XMS
ALS Vial : 27 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 12:58:50 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

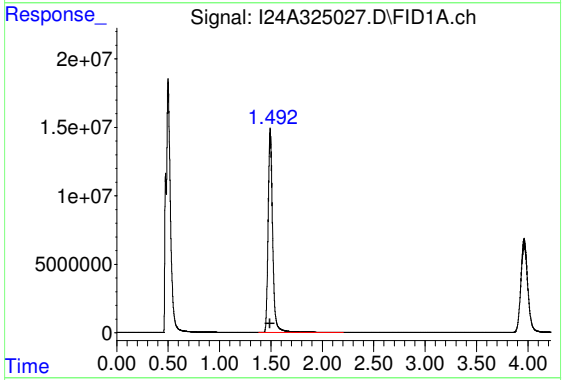
Volume Inj. :
Signal Phase :
Signal Info :





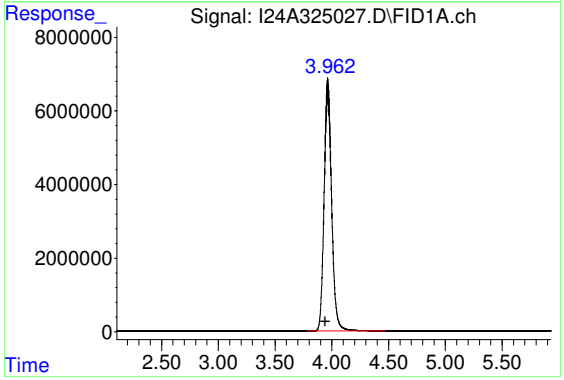
#1 Methane

R.T.: 0.501 min
Delta R.T.: -0.006 min
Response: 564740724
Conc: 3453.68 PPMv



#2 Ethane

R.T.: 1.493 min
Delta R.T.: 0.003 min
Response: 446815291
Conc: 1470.02 PPMv



#3 Ethene

R.T.: 3.963 min
Delta R.T.: 0.023 min
Response: 309012184
Conc: 1039.96 PPMv

1 - FORM I
ANALYSIS DATA SHEET

Matrix Spike Dup

Laboratory:	Pace New England			Work Order:	24K1131
Client:	Alpha Analytical Laboratory		Project:	Dissolved Gasses - JB CAT B	
Matrix:	Water	Laboratory ID:	B392738-MSD3	File ID:	I24A325028.D
Sampled:		Prepared:	11/20/24 13:00	Analyzed:	11/20/24 13:00
Solids:		Preparation:	SW-846 5035	Dilution:	
Initial/Final:	1 mL / 1 mL				
Batch:	B392738	Sequence:	S114236	Calibration:	2200220
Instrument:	SYSI				
Column:	1				

CAS NO.	COMPOUND	CONC. (mg/L)	MDL	RL	Q
74-84-0	Ethane	0.319			
74-85-1	Ethene	0.296			
74-82-8	Methane	0.373			

Sample # MSD Calculated

Temperature (*C)	23.40
Tare weight (g)	25.50
Total weight (g)	68.10
Headspace weight	63.00

Methane Quant	3316.093	Methane	0.37312	mg/L
Ethane Quant	1409.506	Ethane	0.31889	mg/L
Ethylene Quant	1003.017	Ethylene	0.29598	mg/L

Sample # MSD TRUE

Temperature (*C)	23.4
Tare weight (g)	25.5
Total weight (g)	68.1
Headspace weight	63.0

Methane Quant	1555.352	Methane	0.17500	mg/L
Ethane Quant	1448.677	Ethane	0.32776	mg/L
Ethylene Quant	1035.937	Ethylene	0.30570	mg/L

Sample #	MSD

Temperature (*C)	23.4
Tare weight (g)	25.5
Total weight (g)	68.1
Headspace weight	63.0

	True Value	Calculated			
Methane Quant	1555.352	3316.093	Methane	213.21	%
Ethane Quant	1448.677	1409.506	Ethane	97.30	%
Ethylene Quant	1035.937	1003.017	Ethylene	96.82	%

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325028.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:00 pm
Operator : TPH
Sample : 24K1131-03MSD Inst : SYSI
Misc : 1,1,0.2,0.2,1XMSD
ALS Vial : 28 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:07:41 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :

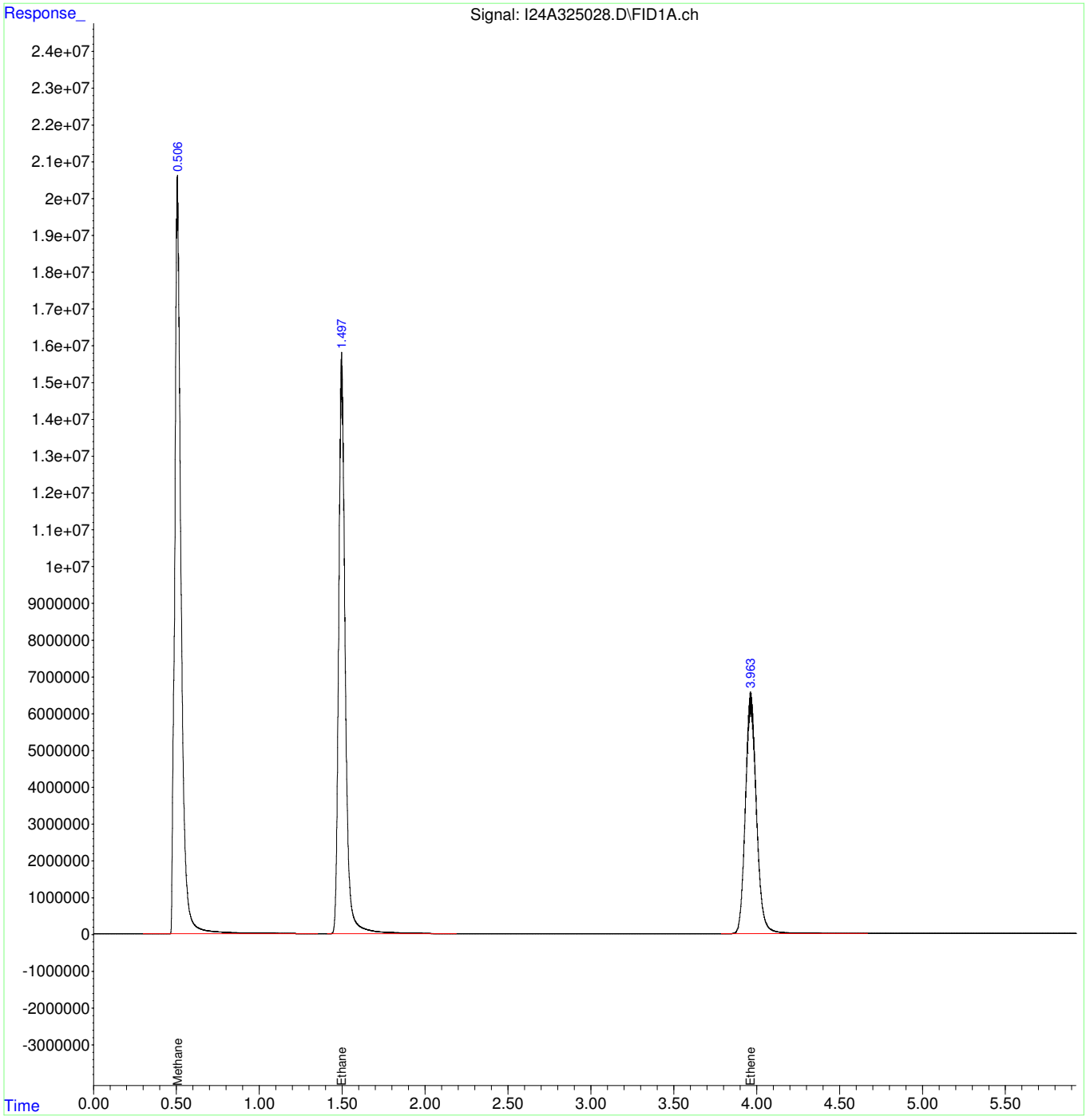
Compound	R.T.	Response	Conc	Units
Target Compounds				
1) Methane	0.507	542242481	3316.093	PPMv
2) Ethane	1.497	428421766	1409.506	PPMv
3) Ethene	3.964	298034928	1003.017	PPMv

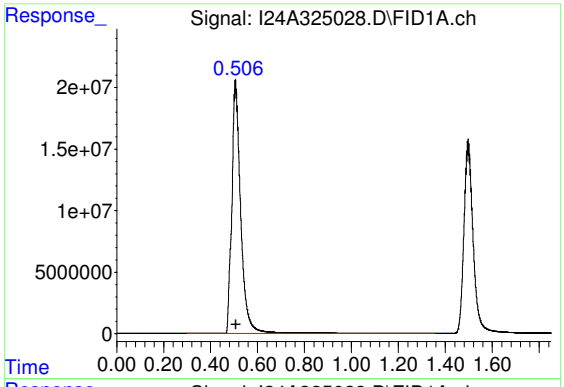
(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : C:\MassHunter\GCMS\1\data\I112024\
Data File : I24A325028.D
Signal(s) : FID1A.ch
Acq On : 20 Nov 2024 01:00 pm
Operator : TPH
Sample : 24K1131-03MSD Inst : SYSI
Misc : 1,1,0.2,0.2,1XMSD
ALS Vial : 28 Sample Multiplier: 1

Integration File: events.e
Quant Time: Nov 20 13:07:41 2024
Quant Method : C:\MassHunter\GCMS\1\methods\I050522.m
Quant Title : RSK-175
QLast Update : Thu May 05 10:59:49 2022
Response via : Initial Calibration
Integrator: ChemStation

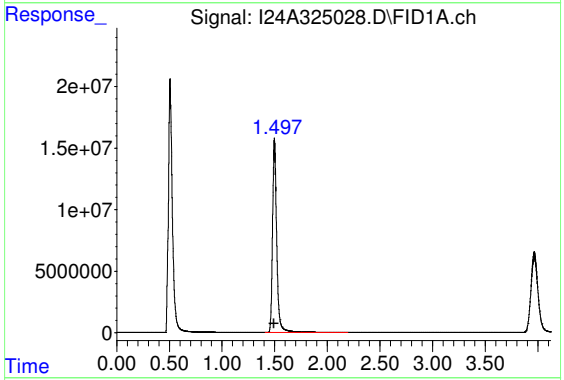
Volume Inj. :
Signal Phase :
Signal Info :





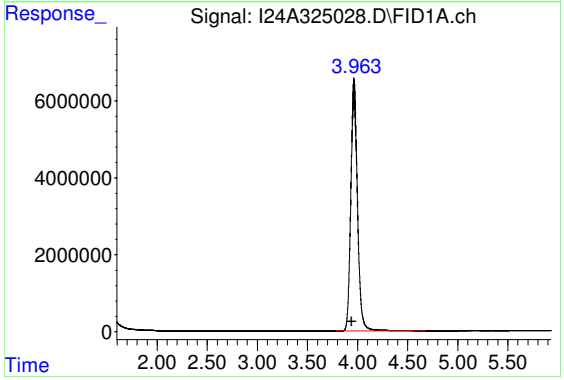
#1 Methane

R.T.: 0.507 min
Delta R.T.: 0.000 min
Response: 542242481
Conc: 3316.09 PPMv



#2 Ethane

R.T.: 1.497 min
Delta R.T.: 0.007 min
Response: 428421766
Conc: 1409.51 PPMv



#3 Ethene

R.T.: 3.964 min
Delta R.T.: 0.024 min
Response: 298034928
Conc: 1003.02 PPMv

C:\MassHunter\GCMS\1\data\I112024\

Date	Filename	Lab ID	Sample Info
20 Nov 2024 09:13 am	I24A325001.D	CCV1	20uL CTS-252 10-18-25
20 Nov 2024 09:21 am	I24A325002.D	LCS1	200uL CTS-267 04-02-27
20 Nov 2024 09:36 am	I24A325003.D	MBL1	1,1,0.2,0.2,1X
20 Nov 2024 09:45 am	I24A325004.D	24K1125-01	1,1,0.2,0.2,1X
20 Nov 2024 09:53 am	I24A325005.D	24K1125-02	1,1,0.2,0.2,1X
20 Nov 2024 10:00 am	I24A325006.D	24K1125-02DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 10:08 am	I24A325007.D	24K1125-03	1,1,0.2,0.2,1X
20 Nov 2024 10:17 am	I24A325008.D	24K1125-04	1,1,0.2,0.2,1X
20 Nov 2024 10:28 am	I24A325009.D	24K1125-05	1,1,0.2,0.2,1X
20 Nov 2024 10:35 am	I24A325010.D	24K1125-05MS	1,1,0.2,0.2,1XMS
20 Nov 2024 10:42 am	I24A325011.D	24K1125-05MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 10:50 am	I24A325012.D	24K1125-06	1,1,0.2,0.2,1X
20 Nov 2024 10:57 am	I24A325013.D	24K1125-07	1,1,0.2,0.2,1X
20 Nov 2024 11:04 am	I24A325014.D	24K1125-07 5X	1,1,0.2,0.04,5X
20 Nov 2024 11:12 am	I24A325015.D	CCV2	20uL CTS-252 10-18-25
20 Nov 2024 11:23 am	I24A325016.D	24K1130-01	1,1,0.2,0.2,1X
20 Nov 2024 11:30 am	I24A325017.D	24K1130-01MS	1,1,0.2,0.2,1XMS
20 Nov 2024 11:38 am	I24A325018.D	24K1130-01MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 11:46 am	I24A325019.D	24K1130-02	1,1,0.2,0.2,1X
20 Nov 2024 11:57 am	I24A325020.D	24K1130-03	1,1,0.2,0.2,1X
20 Nov 2024 12:05 pm	I24A325021.D	24K1130-04	1,1,0.2,0.2,1X
20 Nov 2024 12:13 pm	I24A325022.D	24K1130-04DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 12:21 pm	I24A325023.D	CCV3	20uL CTS-252 10-18-25
20 Nov 2024 12:28 pm	I24A325024.D	24K1131-01	1,1,0.2,0.2,1X
20 Nov 2024 12:37 pm	I24A325025.D	24K1131-02	1,1,0.2,0.2,1X
20 Nov 2024 12:44 pm	I24A325026.D	24K1131-03	1,1,0.2,0.2,1X
20 Nov 2024 12:51 pm	I24A325027.D	24K1131-03MS	1,1,0.2,0.2,1XMS
20 Nov 2024 01:00 pm	I24A325028.D	24K1131-03MSD	1,1,0.2,0.2,1XMSD
20 Nov 2024 01:08 pm	I24A325029.D	24K1131-04	1,1,0.2,0.2,1X
20 Nov 2024 01:20 pm	I24A325030.D	24K1131-04DUP	1,1,0.2,0.2,1XDUP
20 Nov 2024 01:40 pm	I24A325031.D	24K1131-05	1,1,0.2,0.2,1X
20 Nov 2024 01:47 pm	I24A325032.D	24K1131-06	1,1,0.2,0.2,1X
20 Nov 2024 01:58 pm	I24A325033.D	24K1131-07	1,1,0.2,0.2,1X
20 Nov 2024 02:05 pm	I24A325034.D	CCV4	20uL CTS-252 10-18-25

RSK-175 Dissolved Gasses

	Sample ID		Sample Weight (g) Empty Vial	Total	Headspace	Room Temp (*C)	pH	Date	Analyst
1	MBL1 20mL	-	17.20	37.52	32.70	22.80	-	11/11/2024	TPH
2	LCS1 20mL	-	17.23	37.62	32.62	22.80	-	11/11/2024	TPH
3	24J4499-01	C	18.13	38.02	32.82	22.70	<2	11/11/2024	TPH
4	24K0287-01	C	18.07	37.85	33.06	22.60	5	11/11/2024	TPH
5	MBL1	-	28.96	71.07	66.23	22.90	-	11/11/2024	TPH
6	LCS1	-	29.08	71.20	65.93	22.90	-	11/11/2024	TPH
7	24K0284-01	A	28.56	71.88	66.91	23.10	6	11/11/2024	TPH
8	24K0284-02	A	28.06	70.69	65.77	23.20	6	11/11/2024	TPH
9	24K0284-03	A	27.57	70.42	65.38	23.10	<2	11/11/2024	TPH
10	24K0284-04	A	28.05	71.38	66.46	23.00	<2	11/11/2024	TPH
11	24K0284-05	A	28.18	71.38	66.67	22.90	<2	11/11/2024	TPH
12	24K0284-06	A	28.29	71.33	66.58	22.90	<2	11/11/2024	TPH
13	24K0284-07	A	27.90	70.42	65.62	22.80	<2	11/11/2024	TPH
14	MBL1	-	28.96	71.07	66.23	23.30	-	11/12/2024	TPH
15	LCS1	-	29.08	71.20	65.93	23.30	-	11/12/2024	TPH
16	24K0655-01	A	25.53	67.92	62.58	22.70	<2	11/12/2024	TPH
17	24K0655-02	A	25.49	67.84	62.97	22.60	<2	11/12/2024	TPH
18	24K0655-03	A	25.39	67.83	62.95	22.80	<2	11/12/2024	TPH
19	24K0655-04	A	25.58	67.63	62.74	22.90	<2	11/12/2024	TPH
20	24K0655-05	A	25.44	67.93	63.26	22.60	<2	11/12/2024	TPH
21	24K0655-06	A	25.92	67.84	62.87	22.60	<2	11/12/2024	TPH
22	24K0686-01	I	29.98	71.59	66.48	22.80	<2	11/12/2024	TPH
23	24K0723-01	A	26.00	68.13	63.16	22.70	<2	11/12/2024	TPH
24	24K0723-02	A	25.33	67.34	62.50	22.70	<2	11/12/2024	TPH
25	24K0723-03	A	25.39	67.56	62.62	22.70	<2	11/12/2024	TPH
26	24K0723-04	A	25.44	67.82	62.89	22.60	<2	11/12/2024	TPH
27	24K0723-05	A	25.48	67.82	62.78	22.80	<2	11/12/2024	TPH
28	MBL1	-	29.35	71.52	66.61	23.00	-	11/19/2024	TPH
29	LCS1	-	29.23	71.11	66.03	23.40	-	11/19/2024	TPH
30	24K0600-01	I	29.58	70.89	65.81	23.00	<2	11/19/2024	TPH
31	24K0600-02	I	30.15	71.55	66.74	23.00	<2	11/19/2024	TPH
32	24K0600-03	I	30.06	72.15	67.01	23.10	<2	11/19/2024	TPH
33	24K0600-04	I	29.92	71.47	66.61	23.10	<2	11/19/2024	TPH
34	24K0600-05	I	29.87	71.70	66.70	23.00	<2	11/19/2024	TPH
35	24K0600-06	I	29.55	70.83	65.91	23.00	<2	11/19/2024	TPH
36	24K0600-07	I	30.28	72.04	67.19	23.00	<2	11/19/2024	TPH
37	24K0600-08	I	29.89	70.77	66.14	23.00	<2	11/19/2024	TPH
38	24K0600-09	I	30.44	72.18	67.21	22.90	<2	11/19/2024	TPH
39	24K0600-10	I	30.07	71.71	66.67	22.80	<2	11/19/2024	TPH
40	24K0600-11	I	30.11	71.49	66.49	22.80	<2	11/19/2024	TPH
41	24K1081-01	G	26.01	68.47	63.37	22.80	<2	11/19/2024	TPH
42	24K1081-02	G	25.87	68.19	63.29	22.80	<2	11/19/2024	TPH
43	24K1082-01	D	25.84	68.97	64.12	22.80	<2	11/19/2024	TPH
44	MBL1	-	29.35	71.52	66.61	23.70	-	11/20/2024	TPH
45	LCS1	-	29.23	71.11	66.03	23.60	-	11/20/2024	TPH
46	24K1125-01	A	25.53	68.03	62.96	23.40	<2	11/20/2024	TPH
47	24K1125-02	A	25.58	67.94	62.93	24.00	<2	11/20/2024	TPH
48	24K1125-03	A	25.55	67.83	62.74	23.30	<2	11/20/2024	TPH
49	24K1125-04	A	25.44	67.91	63.03	23.00	<2	11/20/2024	TPH
50	24K1125-05	A	25.48	67.59	62.60	22.60	<2	11/20/2024	TPH

RSK-175 Dissolved Gasses

	Sample ID		Sample Weight (g) Empty Vial	Total	Headspace	Room Temp (*C)	pH	Date	Analyst
1	24K1125-05	B	25.52	68.03	62.89	23.90	<2	11/20/2024	TPH
2	24K1125-06	A	25.46	68.06	63.13	23.60	<2	11/20/2024	TPH
3	24K1125-07	A	25.78	68.30	63.33	23.70	<2	11/20/2024	TPH
4	24K1130-01	A	25.39	67.75	62.81	23.40	<2	11/20/2024	TPH
5	24K1130-01	B	25.73	68.36	63.31	23.20	<2	11/20/2024	TPH
6	24K1130-02	A	25.46	67.56	62.68	23.60	<2	11/20/2024	TPH
7	24K1130-03	A	25.23	67.42	62.71	24.10	<2	11/20/2024	TPH
8	24K1130-04	A	25.67	68.20	63.24	22.60	<2	11/20/2024	TPH
9	24K1131-01	A	25.57	67.85	62.75	22.80	<2	11/20/2024	TPH
10	24K1131-02	A	25.44	67.40	62.34	22.90	<2	11/20/2024	TPH
11	24K1131-03	A	25.46	67.69	62.98	23.50	<2	11/20/2024	TPH
12	24K1131-03	B	25.50	68.10	63.00	23.40	<2	11/20/2024	TPH
13	24K1131-04	A	26.56	69.15	64.15	23.10	<2	11/20/2024	TPH
14	24K1131-05	A	25.34	67.46	62.47	23.20	<2	11/20/2024	TPH
15	24K1131-06	A	26.33	69.05	64.13	23.60	<2	11/20/2024	TPH
16	24K1131-07	A	25.25	67.28	62.26	23.70	<2	11/20/2024	TPH
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ANALYTICAL REPORT

Lab Number:	L2466279
Client:	Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074
ATTN:	Matthew Smith
Phone:	(631) 630-2392
Project Name:	1000 TURK HILL ROAD
Project Number:	3113.0001Y000
Report Date:	11/19/24

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), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466279-01	WC	WATER	FAIRPORT, NY	11/12/24 15:15	11/12/24

Project Name:	1000 TURK HILL ROAD	**Lab Number:**	L2466279
Project Number:	3113.0001Y000	**Report Date:**	11/19/24

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 and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet 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:	1000 TURK HILL ROAD	**Lab Number:**	L2466279
Project Number:	3113.0001Y000	**Report Date:**	11/19/24

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.

PCBs

The WG1998229-1 Method Blank, associated with L2466279-01, has a concentration above the reporting limit for 1254. Since the associated sample concentrations are non-detect to the RL, no corrective action is 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: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 11/19/24

ORGANICS

VOLATILES

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 11/16/24 19:19
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	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	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	52		ug/l	2.5	0.70	1
Ethylbenzene	0.83	J	ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	48		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01 Date Collected: 11/12/24 15:15

Client ID: WC Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	5.1		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	4.4		ug/l	2.5	0.70	1
o-Xylene	1.9	J	ug/l	2.5	0.70	1
Xylenes, Total	6.3	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	33		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	33		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	38		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	33		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01 Date Collected: 11/12/24 15:15

Client ID: WC Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1
Tentatively Identified Compounds						
Total TIC Compounds	3.45	J	ug/l			1
Dimethyl sulfide	2.13	NJ	ug/l			1
Unknown	1.32	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998834-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
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	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998834-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998834-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Tentatively Identified Compounds			
Total TIC Compounds	1.13	J	ug/l
Unknown	1.13	J	ug/l

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 11/16/24 12:17
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998834-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1998834-3 WG1998834-4								
Methylene chloride	100		96		70-130	4		20
1,1-Dichloroethane	100		98		70-130	2		20
Chloroform	99		95		70-130	4		20
Carbon tetrachloride	95		93		63-132	2		20
1,2-Dichloropropane	99		97		70-130	2		20
Dibromochloromethane	86		85		63-130	1		20
1,1,2-Trichloroethane	89		90		70-130	1		20
Tetrachloroethene	92		89		70-130	3		20
Chlorobenzene	96		94		75-130	2		20
Trichlorofluoromethane	90		87		62-150	3		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	95		90		67-130	5		20
Bromodichloromethane	94		92		67-130	2		20
trans-1,3-Dichloropropene	82		84		70-130	2		20
cis-1,3-Dichloropropene	91		90		70-130	1		20
1,1-Dichloropropene	95		91		70-130	4		20
Bromoform	81		80		54-136	1		20
1,1,2,2-Tetrachloroethane	92		94		67-130	2		20
Benzene	94		100		70-130	6		20
Toluene	94		92		70-130	2		20
Ethylbenzene	95		92		70-130	3		20
Chloromethane	94		86		64-130	9		20
Bromomethane	44		46		39-139	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1998834-3 WG1998834-4								
Vinyl chloride	97		91		55-140	6		20
Chloroethane	110		100		55-138	10		20
1,1-Dichloroethene	93		91		61-145	2		20
trans-1,2-Dichloroethene	100		96		70-130	4		20
Trichloroethene	92		90		70-130	2		20
1,2-Dichlorobenzene	96		94		70-130	2		20
1,3-Dichlorobenzene	97		94		70-130	3		20
1,4-Dichlorobenzene	95		93		70-130	2		20
Methyl tert butyl ether	84		83		63-130	1		20
p/m-Xylene	90		85		70-130	6		20
o-Xylene	90		85		70-130	6		20
cis-1,2-Dichloroethene	100		97		70-130	3		20
Dibromomethane	98		88		70-130	11		20
1,2,3-Trichloropropane	88		92		64-130	4		20
Acrylonitrile	100		100		70-130	0		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	63		60		36-147	5		20
Acetone	98		97		58-148	1		20
Carbon disulfide	96		92		51-130	4		20
2-Butanone	88		86		63-138	2		20
Vinyl acetate	94		94		70-130	0		20
4-Methyl-2-pentanone	68		72		59-130	6		20
2-Hexanone	76		83		57-130	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1998834-3 WG1998834-4								
Bromochloromethane	98		97		70-130	1		20
2,2-Dichloropropane	88		83		63-133	6		20
1,2-Dibromoethane	88		91		70-130	3		20
1,3-Dichloropropane	90		90		70-130	0		20
1,1,1,2-Tetrachloroethane	88		87		64-130	1		20
Bromobenzene	98		95		70-130	3		20
n-Butylbenzene	99		97		53-136	2		20
sec-Butylbenzene	96		94		70-130	2		20
tert-Butylbenzene	94		92		70-130	2		20
o-Chlorotoluene	95		94		70-130	1		20
p-Chlorotoluene	94		92		70-130	2		20
1,2-Dibromo-3-chloropropane	80		88		41-144	10		20
Hexachlorobutadiene	98		93		63-130	5		20
Isopropylbenzene	95		93		70-130	2		20
p-Isopropyltoluene	96		95		70-130	1		20
Naphthalene	94		95		70-130	1		20
n-Propylbenzene	94		93		69-130	1		20
1,2,3-Trichlorobenzene	97		97		70-130	0		20
1,2,4-Trichlorobenzene	98		93		70-130	5		20
1,3,5-Trimethylbenzene	92		90		64-130	2		20
1,2,4-Trimethylbenzene	130		120		70-130	8		20
1,4-Dioxane	100		98		56-162	2		20
p-Diethylbenzene	94		92		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG1998834-3 WG1998834-4								
p-Ethyltoluene	95		92		70-130	3		20
1,2,4,5-Tetramethylbenzene	95		93		70-130	2		20
Ethyl ether	95		91		59-134	4		20
trans-1,4-Dichloro-2-butene	88		89		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		103		70-130
Toluene-d8	98		98		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 11/16/24 20:56
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01 Date Collected: 11/12/24 15:15

Client ID: WC Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	6.7		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	20.		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	5.2		ug/l	2.0	0.38	1
Carbazole	ND		ug/l	2.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	25		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	61		41-149

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 21:38
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.17		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.07	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.12		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.26		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.03	1
Chrysene	0.12		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.18		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.15		ug/l	0.10	0.02	1
Pyrene	0.14		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01 Date Collected: 11/12/24 15:15

Client ID: WC Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

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

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	75		41-149

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/16/24 12:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998073-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/16/24 12:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998073-1					
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 11/16/24 12:48
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG1998073-1					
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	24		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	66		41-149

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 13:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1998074-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 11/16/24 13:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 14:12

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01 Batch: WG1998074-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998073-2 WG1998073-3								
Acenaphthene	63		58		37-111	8		30
1,2,4-Trichlorobenzene	52		52		39-98	0		30
Hexachlorobenzene	70		65		40-140	7		30
Bis(2-chloroethyl)ether	62		61		40-140	2		30
2-Chloronaphthalene	59		56		40-140	5		30
1,2-Dichlorobenzene	50		49		40-140	2		30
1,3-Dichlorobenzene	49		49		40-140	0		30
1,4-Dichlorobenzene	51		50		36-97	2		30
3,3'-Dichlorobenzidine	75		74		40-140	1		30
2,4-Dinitrotoluene	71		70		48-143	1		30
2,6-Dinitrotoluene	75		76		40-140	1		30
Fluoranthene	71		71		40-140	0		30
4-Chlorophenyl phenyl ether	71		65		40-140	9		30
4-Bromophenyl phenyl ether	76		71		40-140	7		30
Bis(2-chloroisopropyl)ether	71		70		40-140	1		30
Bis(2-chloroethoxy)methane	63		66		40-140	5		30
Hexachlorobutadiene	62		62		40-140	0		30
Hexachlorocyclopentadiene	**39**	Q	**36**	Q	40-140	8		30
Hexachloroethane	49		48		40-140	2		30
Isophorone	65		65		40-140	0		30
Naphthalene	56		54		40-140	4		30
Nitrobenzene	66		68		40-140	3		30
NDPA/DPA	75		70		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998073-2 WG1998073-3								
n-Nitrosodi-n-propylamine	67		68		29-132	1		30
Bis(2-ethylhexyl)phthalate	83		81		40-140	2		30
Butyl benzyl phthalate	80		79		40-140	1		30
Di-n-butylphthalate	75		74		40-140	1		30
Di-n-octylphthalate	85		82		40-140	4		30
Diethyl phthalate	79		75		40-140	5		30
Dimethyl phthalate	73		74		40-140	1		30
Benzo(a)anthracene	70		70		40-140	0		30
Benzo(a)pyrene	71		74		40-140	4		30
Benzo(b)fluoranthene	72		74		40-140	3		30
Benzo(k)fluoranthene	66		63		40-140	5		30
Chrysene	72		72		40-140	0		30
Acenaphthylene	61		59		45-123	3		30
Anthracene	71		69		40-140	3		30
Benzo(ghi)perylene	80		81		40-140	1		30
Fluorene	68		63		40-140	8		30
Phenanthrene	67		65		40-140	3		30
Dibenzo(a,h)anthracene	76		80		40-140	5		30
Indeno(1,2,3-cd)pyrene	77		78		40-140	1		30
Pyrene	70		67		26-127	4		30
Biphenyl	56		54		40-140	4		30
4-Chloroaniline	68		62		40-140	9		30
2-Nitroaniline	73		72		52-143	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998073-2 WG1998073-3								
3-Nitroaniline	66		62		25-145	6		30
4-Nitroaniline	66		64		51-143	3		30
Dibenzofuran	64		59		40-140	8		30
2-Methylnaphthalene	57		54		40-140	5		30
1,2,4,5-Tetrachlorobenzene	60		56		2-134	7		30
Acetophenone	59		61		39-129	3		30
2,4,6-Trichlorophenol	79		77		30-130	3		30
p-Chloro-m-cresol	72		70		23-97	3		30
2-Chlorophenol	58		58		27-123	0		30
2,4-Dichlorophenol	64		64		30-130	0		30
2,4-Dimethylphenol	48		47		30-130	2		30
2-Nitrophenol	64		64		30-130	0		30
4-Nitrophenol	50		47		10-80	6		30
2,4-Dinitrophenol	75		73		20-130	3		30
4,6-Dinitro-o-cresol	72		68		20-164	6		30
Pentachlorophenol	87		89		9-103	2		30
Phenol	32		32		12-110	0		30
2-Methylphenol	56		54		30-130	4		30
3-Methylphenol/4-Methylphenol	56		55		30-130	2		30
2,4,5-Trichlorophenol	84		82		30-130	2		30
Benzoic Acid	89		88		10-164	1		30
Benzyl Alcohol	62		63		26-116	2		30
Carbazole	69		68		55-144	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998073-2 WG1998073-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	48		48		21-120
Phenol-d6	33		34		10-120
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	63		62		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	72		70		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998074-2 WG1998074-3								
Acenaphthene	74		67		40-140	10		40
2-Chloronaphthalene	65		59		40-140	10		40
Fluoranthene	99		89		40-140	11		40
Hexachlorobutadiene	51		47		40-140	8		40
Naphthalene	66		60		40-140	10		40
Benzo(a)anthracene	93		88		40-140	6		40
Benzo(a)pyrene	97		91		40-140	6		40
Benzo(b)fluoranthene	95		90		40-140	5		40
Benzo(k)fluoranthene	95		90		40-140	5		40
Chrysene	102		95		40-140	7		40
Acenaphthylene	73		66		40-140	10		40
Anthracene	88		81		40-140	8		40
Benzo(ghi)perylene	95		86		40-140	10		40
Fluorene	83		74		40-140	11		40
Phenanthrene	90		83		40-140	8		40
Dibenzo(a,h)anthracene	96		89		40-140	8		40
Indeno(1,2,3-cd)pyrene	100		91		40-140	9		40
Pyrene	100		89		40-140	12		40
2-Methylnaphthalene	64		59		40-140	8		40
Pentachlorophenol	103		96		40-140	7		40
Hexachlorobenzene	84		76		40-140	10		40
Hexachloroethane	53		50		40-140	6		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998074-2 WG1998074-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	55		51		21-120
Phenol-d6	43		39		10-120
Nitrobenzene-d5	80		73		23-120
2-Fluorobiphenyl	69		62		15-120
2,4,6-Tribromophenol	108		100		10-120
4-Terphenyl-d14	100		89		41-149

PCBS

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/17/24 17:49
Analyst: MHG

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 03:30
Cleanup Method: EPA 3665A
Cleanup Date: 11/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/18/24 10:30
Analyst: AD

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 23:40
Cleanup Method: EPA 3665A
Cleanup Date: 11/16/24
Cleanup Method: EPA 3660B
Cleanup Date: 11/16/24

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1998229-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	0.172		ug/l	0.071	0.061	A
Aroclor 1254	0.172		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

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: WG1998229-2 WG1998229-3									
Aroclor 1016	95		64		40-140	39		50	A
Aroclor 1260	101		67		40-140	40		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		64		30-150	A
Decachlorobiphenyl	85		57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		65		30-150	B
Decachlorobiphenyl	93		61		30-150	B

PESTICIDES

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 11/18/24 13:34
Analyst: EJL

Extraction Method: EPA 3510C
Extraction Date: 11/16/24 03:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 1000 TURK HILL ROAD **Lab Number:** L2466279

Project Number: 3113.0001Y000 **Report Date:** 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01 Date Collected: 11/12/24 15:15

Client ID: WC Date Received: 11/12/24

Sample Location: FAIRPORT, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8151A
Analytical Date: 11/15/24 23:03
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 11/14/24 14:20

Methylation Date: 11/15/24 17:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Chlorinated Herbicides by GC - Westborough Lab							
2,4-D	ND		ug/l	10.0	0.498	1	A
2,4,5-T	ND		ug/l	2.00	0.531	1	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	77		30-150	A
DCAA	79		30-150	B

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 11/15/24 21:32
Analyst: JAG

Extraction Method: EPA 8151A
Extraction Date: 11/14/24 14:05

Methylation Date: 11/15/24 17:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Chlorinated Herbicides by GC - Westborough Lab for sample(s): 01 Batch: WG1997587-1						
2,4-D	ND		ug/l	10.0	0.498	A
2,4,5-T	ND		ug/l	2.00	0.531	A
2,4,5-TP (Silvex)	ND		ug/l	2.00	0.539	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	80		30-150	A
DCAA	75		30-150	B

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/15/24 21:37
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 09:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1997948-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 11/15/24 21:37
Analyst: JAG

Extraction Method: EPA 3510C
Extraction Date: 11/15/24 09:55

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01 Batch: WG1997948-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	74		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Chlorinated Herbicides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1997587-2 WG1997587-3									
2,4-D	83		76		30-150	9		25	A
2,4,5-T	87		76		30-150	13		25	A
2,4,5-TP (Silvex)	80		73		30-150	9		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	77		72		30-150	A
DCAA	85		80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1997948-2 WG1997948-3									
Delta-BHC	54		62		30-150	13		20	A
Lindane	63		65		30-150	4		20	A
Alpha-BHC	61		64		30-150	5		20	A
Beta-BHC	67		61		30-150	8		20	A
Heptachlor	63		66		30-150	4		20	A
Aldrin	59		62		30-150	5		20	A
Heptachlor epoxide	61		64		30-150	6		20	A
Endrin	63		68		30-150	7		20	A
Endrin aldehyde	56		62		30-150	10		20	A
Endrin ketone	64		70		30-150	8		20	A
Dieldrin	65		69		30-150	6		20	A
4,4'-DDE	59		64		30-150	7		20	A
4,4'-DDD	66		71		30-150	7		20	A
4,4'-DDT	64		69		30-150	8		20	A
Endosulfan I	59		63		30-150	7		20	A
Endosulfan II	64		69		30-150	9		20	A
Endosulfan sulfate	59		65		30-150	9		20	A
Methoxychlor	65		70		30-150	8		20	A
cis-Chlordane	55		59		30-150	7		20	A
trans-Chlordane	66		69		30-150	6		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01 Batch: WG1997948-2 WG1997948-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		58		30-150	A
Decachlorobiphenyl	68		68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		65		30-150	B
Decachlorobiphenyl	72		74		30-150	B

METALS

Project Name: 1000 TURK HILL ROAD
Lab Number: L2466279
Project Number: 3113.0001Y000
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY
Date Collected: 11/12/24 15:15
Date Received: 11/12/24
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	0.509		mg/l	0.0100	0.00327	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Arsenic, Total	0.00114		mg/l	0.00050	0.00016	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Barium, Total	0.09482		mg/l	0.00050	0.00017	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Cadmium, Total	0.00009	J	mg/l	0.00020	0.00005	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Calcium, Total	133.		mg/l	0.100	0.0394	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Chromium, Total	0.00182		mg/l	0.00100	0.00017	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Cobalt, Total	0.00237		mg/l	0.00050	0.00016	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Copper, Total	0.01565		mg/l	0.00100	0.00038	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Iron, Total	18.1		mg/l	0.0500	0.0191	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Lead, Total	0.00444		mg/l	0.00100	0.00034	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Magnesium, Total	41.6		mg/l	0.0700	0.0242	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Manganese, Total	0.4605		mg/l	0.00100	0.00044	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/15/24 21:55	11/18/24 13:07	EPA 7470A	1,7470A	JWN
Nickel, Total	0.00344		mg/l	0.00200	0.00055	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Potassium, Total	12.6		mg/l	0.100	0.0309	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Sodium, Total	264.		mg/l	0.500	0.0293	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Vanadium, Total	0.00233	J	mg/l	0.00500	0.00157	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB
Zinc, Total	0.02170		mg/l	0.01000	0.00341	1	11/15/24 22:16	11/19/24 11:36	EPA 3005A	1,6020B	NTB

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

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: WG1998112-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Antimony, Total	ND		mg/l	0.00400	0.00042	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Barium, Total	ND		mg/l	0.00050	0.00017	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Calcium, Total	ND		mg/l	0.100	0.0394	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Chromium, Total	ND		mg/l	0.00100	0.00017	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Copper, Total	ND		mg/l	0.00100	0.00038	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Iron, Total	ND		mg/l	0.0500	0.0191	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Lead, Total	ND		mg/l	0.00100	0.00034	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Manganese, Total	ND		mg/l	0.00100	0.00044	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Potassium, Total	ND		mg/l	0.100	0.0309	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Selenium, Total	ND		mg/l	0.00500	0.00173	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Silver, Total	ND		mg/l	0.00040	0.00016	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Sodium, Total	ND		mg/l	0.500	0.0293	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Thallium, Total	ND		mg/l	0.00100	0.00014	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB
Zinc, Total	ND		mg/l	0.01000	0.00341	1	11/15/24 22:16	11/19/24 10:51	1,6020B	NTB

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: WG1998115-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/15/24 21:55	11/18/24 11:27	1,7470A	JWN

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1998112-2								
Aluminum, Total	95		-		80-120	-		
Antimony, Total	82		-		80-120	-		
Arsenic, Total	98		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	102		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Calcium, Total	92		-		80-120	-		
Chromium, Total	94		-		80-120	-		
Cobalt, Total	98		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	97		-		80-120	-		
Lead, Total	91		-		80-120	-		
Magnesium, Total	93		-		80-120	-		
Manganese, Total	96		-		80-120	-		
Nickel, Total	99		-		80-120	-		
Potassium, Total	96		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	88		-		80-120	-		
Thallium, Total	86		-		80-120	-		
Vanadium, Total	94		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1998112-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01 Batch: WG1998115-2					
Mercury, Total	101	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

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 QC Batch ID: WG1998112-3 WG1998112-4 QC Sample: L2465273-04 Client ID: MS Sample												
Aluminum, Total	0.007J	2	1.97	98		2.03	102		75-125	3		20
Antimony, Total	0.0018J	0.5	0.5243	105		0.5260	105		75-125	0		20
Arsenic, Total	0.00031J	0.12	0.1246	104		0.1252	104		75-125	0		20
Barium, Total	0.1032	2	2.183	104		2.201	105		75-125	1		20
Beryllium, Total	0.01577	0.05	0.07161	112		0.07199	112		75-125	1		20
Cadmium, Total	ND	0.053	0.05514	104		0.05509	104		75-125	0		20
Calcium, Total	69.2	10	84.0	**148**	Q	85.1	**159**	Q	75-125	1		20
Chromium, Total	0.00042J	0.2	0.1966	98		0.1982	99		75-125	1		20
Cobalt, Total	0.0004J	0.5	0.5084	102		0.5139	103		75-125	1		20
Copper, Total	ND	0.25	0.2601	104		0.2621	105		75-125	1		20
Iron, Total	18.2	1	20.5	**230**	Q	20.8	**260**	Q	75-125	1		20
Lead, Total	ND	0.53	0.5089	96		0.5217	98		75-125	2		20
Magnesium, Total	9.05	10	19.6	106		20.4	114		75-125	4		20
Manganese, Total	8.837	0.5	10.18	**269**	Q	10.21	**275**	Q	75-125	0		20
Nickel, Total	ND	0.5	0.5138	103		0.5150	103		75-125	0		20
Potassium, Total	13.3	10	23.6	103		24.1	108		75-125	2		20
Selenium, Total	ND	0.12	0.122	102		0.125	104		75-125	2		20
Silver, Total	ND	0.05	0.05180	104		0.05153	103		75-125	1		20
Sodium, Total	38.8	10	53.2	**144**	Q	54.4	**156**	Q	75-125	2		20
Thallium, Total	ND	0.12	0.1080	90		0.1098	92		75-125	2		20
Vanadium, Total	ND	0.5	0.4906	98		0.4997	100		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

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	QC Batch ID: WG1998112-3				WG1998112-4		QC Sample: L2465273-04	Client ID:	MS Sample
Zinc, Total	0.0470	0.5	0.5795	106	0.5817	107	75-125	0	20
Total Metals - Mansfield Lab Associated sample(s): 01	QC Batch ID: WG1998115-3				WG1998115-4		QC Sample: L2465273-04	Client ID:	MS Sample
Mercury, Total	ND	0.005	0.00462	92	0.00503	101	75-125	8	20

INORGANICS
&
MISCELLANEOUS

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

SAMPLE RESULTS

Lab ID: L2466279-01
Client ID: WC
Sample Location: FAIRPORT, NY

Date Collected: 11/12/24 15:15
Date Received: 11/12/24
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										
Cyanide, Total	0.002	J	mg/l	0.005	0.001	1	11/18/24 10:50	11/18/24 15:49	1,9010C/9012B	JER
pH (H)	7.21		SU	-	NA	1	-	11/14/24 10:03	1,9040C	LOF
Flash Point	>150		deg F	70	NA	1	-	11/16/24 05:40	1,1010A	MRM
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	11/13/24 10:00	11/13/24 10:17	1,7196A	CAR
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	11/18/24 16:10	11/18/24 18:00	125,7.3	TLH
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	11/18/24 16:10	11/18/24 17:57	125,7.3	TLH

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

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: WG1996835-1										
Chromium, Hexavalent	ND		mg/l	0.010	0.003	1	11/13/24 10:00	11/13/24 10:17	1,7196A	CAR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1998784-1										
Cyanide, Total	ND		mg/l	0.005	0.001	1	11/18/24 10:50	11/18/24 15:36	1,9010C/9012B	JER
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1999020-1										
Sulfide, Reactive	ND		mg/l	1.0	1.0	1	11/18/24 16:10	11/18/24 17:56	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1999023-1										
Cyanide, Reactive	ND		mg/l	1.0	1.0	1	11/18/24 16:10	11/18/24 18:00	125,7.3	TLH

Lab Control Sample Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD

Project Number: 3113.0001Y000

Lab Number: L2466279

Report Date: 11/19/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1996835-2								
Chromium, Hexavalent	98		-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1997395-1								
pH	99		-		99-101	-		5
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1998263-1								
Flash Point	101		-		96-104	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1998784-2 WG1998784-3								
Cyanide, Total	108		108		85-115	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1999020-2								
Sulfide, Reactive	114		-		60-125	-		25
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1999023-2								
Cyanide, Reactive	76		-		30-125	-		25

Matrix Spike Analysis
Batch Quality Control

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1996835-4 QC Sample: L2466279-01 Client ID: WC												
Chromium, Hexavalent	ND	0.1	0.096	96		-	-		85-115	-		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1998784-4 WG1998784-5 QC Sample: L2466185-01 Client ID: MS Sample												
Cyanide, Total	ND	0.2	0.208	104		0.204	102		80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1996835-3 QC Sample: L2466279-01 Client ID: WC						
Chromium, Hexavalent	ND	ND	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1997395-2 QC Sample: L2465942-01 Client ID: DUP Sample						
pH	6.90	6.93	SU	0		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1999020-3 QC Sample: L2467461-60 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/l	NC		25
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1999023-3 QC Sample: L2467461-60 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/l	NC		25

Project Name: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000

Lab Number: L2466279
Report Date: 11/19/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2466279-01A	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466279-01B	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466279-01C	Vial HCl preserved	B	NA		3.1	Y	Absent		NYTCL-8260(14)
L2466279-01D	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466279-01E	Amber 100ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2466279-01F	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2466279-01G	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8081(7)
L2466279-01H	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2466279-01J	Amber 120ml unpreserved	B	7	7	3.1	Y	Absent		NYTCL-8082-LVI(365)
L2466279-01K	Plastic 250ml NaOH preserved	B	>12	>12	3.1	Y	Absent		TCN-9010(14)
L2466279-01L	Plastic 250ml unpreserved	B	7	7	3.1	Y	Absent		HEXCR-7196(1),PH-9040(1)
L2466279-01M	Plastic 250ml HNO3 preserved	B	<2	<2	3.1	Y	Absent		TL-6020T(180),BA-6020T(180),SE-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),NI-6020T(180),K-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),CD-6020T(180),HG-T(28),MG-6020T(180),AG-6020T(180),AL-6020T(180),CO-6020T(180)
L2466279-01N	Amber 500ml unpreserved	B	7	7	3.1	Y	Absent		REACTS(7),REACTCN(7),FLASH()
L2466279-01O	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)
L2466279-01P	Amber 1L unpreserved	B	7	7	3.1	Y	Absent		HERB-APA(7)

*Values in parentheses indicate holding time in days

Project Name:	1000 TURK HILL ROAD	**Lab Number:**	L2466279
Project Number:	3113.0001Y000	**Report Date:**	11/19/24

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:	1000 TURK HILL ROAD	**Lab Number:**	L2466279
Project Number:	3113.0001Y000	**Report Date:**	11/19/24

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:	1000 TURK HILL ROAD	**Lab Number:**	L2466279
Project Number:	3113.0001Y000	**Report Date:**	11/19/24

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: 1000 TURK HILL ROAD
Project Number: 3113.0001Y000
Lab Number: L2466279
Report Date: 11/19/24

REFERENCES

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

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

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; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine, 2,6-Dichlorophenol.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
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, 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.

Serial_No:11192416:27

L2466279 ROUX – NY 19NOV24

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 11/13/24

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information
Project Name: 1000 Turk hill Road
Project Location: Fairport NY
Project #: 3113.0001S0A
(Use Project name as Project #) ☐
Project Manager: Matt Smith
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: Roux
Address: 252 W 37 St NY, NY
Phone: 716-713-3033
Fax:
Email: msmith@rouxinc.com

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS: TCL Volatiles; TCL SVOC's; TCL Pesticides; herbicides; Total Cyanide / Hex Chromium; Haz Waste Char; TCL PCB's; TAL metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Volatiles	TCL SVOC's	TCL Pesticides	herbicides	Total Cyanide / Hex Chromium	Haz Waste Char	TCL PCB's	TAL metals	Sample Specific Comments	Total Bottles
66279-01	WC	11/12/24	1515	AQ	MAS	X	X	X	X	X	X	X	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type
Preservative

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	11/12/24 1615	Jeff Napoli PACE	11/12/24 16:15
Jeff Napoli PACE	11/12/24 16:52	J Nap RocH. S.C.	11/12/24 16:52
Russell B. Bishop	11-12-24 1812	[signature]	11/12 – 1812
[signature]	11-13-24 0130	[signature]	11/13/24 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX B

Data Usability Summary Report (DUSR)

ENVIRONMENTAL CONSULTING & MANAGEMENT
ROUX ASSOCIATES INC
200 Summit Drive, Suite 500
Burlington, Massachusetts 01803 TEL 781-569-4000

December 10, 2024

Matthew Smith
Senior Scientist I
Roux Associates, Inc.
209 Shafter St.
Islandia, NY 11749

Re: Data Usability Summary Report (DUSR) for Turk Hill

Dear Mr. Smith:

Data review was performed for the data packages generated by Alpha Analytical for samples collected at 1000 Turk Hill Rd, Fairport, NY. Analytical data for water samples and associated field blanks and trip blanks collected by Roux Associates in November
2024 are discussed in this DUSR.

The data validation was done with guidance from Department of Defense (DOD)[1] and United States Environmental Protection Agency (USEPA)[2] [3] validation documents and included the following items:

- Data completeness
- Laboratory case narratives
- Chain of custody documentation
- Holding times
- Surrogate and internal standard recoveries
- Method, Field, and Trip Blanks
- Laboratory control samples (LCS)/ Laboratory control sample duplicates (LCSD)
- Matrix spike/matrix spike duplicates (MS/MSD)
- Field duplicate samples
- Instrument tunes
- Initial calibration, initial calibration verification, and continuing calibration results

Only items above that have issues potentially affecting data usability are discussed in this report. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B section 2.0. Definitions for data qualifiers are defined at the end of the report.

Data Deliverable Completeness

[1] USDOD, Environmental Data Quality Workgroup. *Data Validation Guidelines Module 5: Data Validation Procedure for Metals by ICP-MS.* 11/09/2022.
[2] USEPA. *National Functional Guidelines for Inorganic Superfund Method Data Review.* EPA 542-R-20-006. November, 2020.
[3] USEPA. *National Functional Guidelines for Organic Superfund Method Data Review.* EPA 540-R-20-005. November, 2020.

Full deliverable data packages were provided by the laboratory, which included reporting forms and raw data necessary to validate the reported analytical results.

Sample Receipt/Holding Times

All samples were received by the laboratory intact and under proper COCs. Unless noted below, all samples were analyzed within the required holding time.

Alpha Analytical Job : L2465904

Carbon Dioxide Analysis
No issues that would require additional qualifiers.

VOC Analyses by USEPA Method 8260D
The RPD for the LCS/LCSD was higher than acceptable for vinyl chloride and acetone. The only unqualified detections for these analytes were vinyl chloride in sample MW-2M and acetone in MW-10S and both were given J qualifiers.

The recoveries for chloromethane and bromomethane were lower than acceptable for the LCS and MS/MSD. Both analytes were non-detect for all of the samples and were given R qualifiers in all the samples.

The RPD for the MS/MSD was higher than acceptable for cis-1,2-dichlorethene. The analyte had unqualified detections in MW-2D and MW-2M and these were given J qualifiers.

The recovery for trans-1,4-dichloro-2-butene was lower than acceptable for the MS and MSD. It was non-detect for all of the samples and all the samples were given UJ qualifiers.

The %Ds for the CCV were higher than acceptable for acetone, vinyl chloride, and trichlorofluoromethane. There was only 1 detection in the samples for these three analytes. All of the non-detects were given UJ qualifiers.

Nitrate Analysis
No issues that would require additional qualifiers.

Sulfate Analysis
No issues that would require additional qualifiers.

TOC Analysis
No issues that would require additional qualifiers.

Alpha Analytical Job : L2466272

Carbon Dioxide Analysis
The CO_2 recoveries for two sets of MS/MSD were high. All samples with detectable levels of carbon dioxide were given J+ qualifiers.

VOC Analyses by USEPA Method 8260D
The recoveries of cis-1,2-dichloroethene in the MS/MSD were higher than acceptable. The analyte was given a J+ qualifier in sample MW-8S.

The %Ds for the CCV were higher than acceptable for trans 1,4-dichloro-2-butene, 2-hexanone,

dichlodifluoromethane, and 2-butanone. Of these analytes, 2-butanone in sample RXMW-9S was he only detection and was given a J qualifier. The analytes in the other samples were non-detect and given UJ qualifiers.

Nitrate Analysis
The recovery in the MS was low. Nitrate in sample MW-8S was given a J- qualifier.

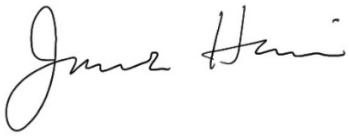
Sulfate Analysis
No issues that would require additional qualifiers.

TOC Analysis
No issues that would require additional qualifiers.

Please let me know if you have any questions.

Sincerely

ROUX ASSOCIATES, INC.



James Hauri, PhD
Senior Scientist

Enclosure: Definitions of Validation Data Qualifiers

Definitions of Validation Data Qualifiers

Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample. For surrogates or TIC, result is an estimate.
J-	Result is an estimate. Low biased
J+	Result is an estimate. High biased
UJ	The analyte was not detected above the reported sample quantitation limit. The reported quantitation limit is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected and unusable. The analyte may or may not be present.

Client and Laboratory Sample IDs

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2465904
Report Date: 11/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2465904-01	MW-28S	WATER	FAIRPORT, NY	11/11/24 11:15	11/11/24
L2465904-02	MW-29S	WATER	FAIRPORT, NY	11/11/24 12:45	11/11/24
L2465904-03	BLIND DUPLICATE	WATER	FAIRPORT, NY	11/11/24 11:30	11/11/24
L2465904-04	MW-2M	WATER	FAIRPORT, NY	11/11/24 14:30	11/11/24
L2465904-05	MW-2D	WATER	FAIRPORT, NY	11/11/24 13:30	11/11/24
L2465904-06	MW-3S	WATER	FAIRPORT, NY	11/11/24 12:30	11/11/24
L2465904-07	MW-10S	WATER	FAIRPORT, NY	11/11/24 14:00	11/11/24

Project Name: 1000 TURK HILL RD
Project Number: 3113.0001Y000

Lab Number: L2466272
Report Date: 11/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2466272-01	MW-16S	WATER	FAIRPORT, NY	11/12/24 11:50	11/12/24
L2466272-02	MW-2S	WATER	FAIRPORT, NY	11/12/24 09:15	11/12/24
L2466272-03	MW-8S	WATER	FAIRPORT, NY	11/12/24 10:25	11/12/24
L2466272-04	RXMW-9S	WATER	FAIRPORT, NY	11/12/24 09:10	11/12/24
L2466272-05	MW-27S	WATER	FAIRPORT, NY	11/12/24 10:40	11/12/24
L2466272-06	MW-35M	WATER	FAIRPORT, NY	11/12/24 12:40	11/12/24
L2466272-07	BLIND DUPLICATE	WATER	FAIRPORT, NY	11/12/24 10:45	11/12/24

APPENDIX C

Groundwater Monitoring Field Forms

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1660 Turnhill Rd

Well No: MW-2S **Weather:** 39° Cloudy

Date: 11/12/24 **Purge Water Disposal:** Drum

Sampled By: _____ **Well Diameter / Type:** 2"

Depth of Well (ft): 12.7 **Water Column (ft):** 1.7

Depth to Water(ft): 11.0 **Volume of Water in Well (gal)** 0.27

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 9:15 **Purge Rate:** _____

End Purging: 9:15 **Volume of Water Removed (gal):** 0

Method of Purge: Low flow **Method of Sampling:** Low flow

Depth of Intake: 12.0

Physical Appearance/ Comments: Turbid, no odor

Samples Collected: (analyses / no. bottles) _____

Time: 9:15 **Laboratory:** N/A

Field Measurements: No field measurements due to low volume of water

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)

ROUX

No Purge due to low volume

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turkhill Rd

Well No: MW-20M **Weather:** 55° Cloudy

Date: 11/11/24 **Purge Water Disposal:** Drum

Sampled By: NAS **Well Diameter / Type:** 2"

Depth of Well (ft): 19.55 **Water Column (ft):** 8.95

Depth to Water(ft): 10.60 **Volume of Water in Well (gal)** 1.45

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1400 **Purge Rate:** 250

End Purging: 1430 **Volume of Water Removed (gal):** 3

Method of Purge: low flow **Method of Sampling:** low flow

Depth of Intake: _____

Physical Appearance/ Comments: clear to cloudy

Samples Collected: (analyses / no. bottles) _____

Time: 1430 **Laboratory:** PAL

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
1400	10.60	250	-48	1.02	46.3	6.89	16.17	7.60
14:05	10.65	250	-79	.931	6.5	6.87	16.76	0
14:10	10.70	250	-70	0.894	3.8	6.87	16.83	0
14:15	10.70	250	-62	.880	0.6	6.85	16.87	0
14:20	10.70	250	-65	.877	0	6.85	16.88	0
14:25	10.70	250	-65	.880	1.6	6.87	16.85	0
1430	10.70	250	-65	.882	1.8	6.87	16.83	0

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turk Hill Rd

Well No: MW-20 Weather: 50° Cloudy

Date: 11/11/24 Purge Water Disposal: Drum

Sampled By: DAS Well Diameter / Type: 2"

Depth of Well (ft): 28.76 Water Column (ft): 18 Ft

Depth to Water(ft): 10.70 Volume of Water in Well (gal) 2.9

Depth to Product (ft): _____ Volume of Water to Remove (gal): _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 1300 Purge Rate: 500

End Purging: _____ Volume of Water Removed (gal): 6

Method of Purge: Low Flow Method of Sampling: Low Flow

Depth of Intake: _____

Physical Appearance/ Comments: Clear No odors

Samples Collected: (analyses / no. bottles) MS/MSD 1

Time: 13:30 Laboratory: PACE

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
1300	10.70	500	55	1.11	19.7	6.96	16.50	5.74
13:05	10.80	500	63	1.69	6.1	6.71	16.07	0.67
13:10	10.80	500	63	1.75	8	6.65	16.08	0.36
13:15	10.80	500	66	1.79	6.42	6.62	16.07	0
13:20	10.80	500	68	1.82	4.4	6.61	16.06	0
13:25	10.80	500	69	1.84	3.3	6.59	16.05	0
13:30	10.80	500	70	1.85	2.9	6.59	16.03	0

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Tuttle Hill

Well No: MW-35 **Weather:** _____

Date: 11/11/24 **Purge Water Disposal:** Drum

Sampled By: NAS **Well Diameter / Type:** 2"

Depth of Well (ft): 12.40 **Water Column (ft):** 1.6

Depth to Water(ft): 10.80 **Volume of Water in Well (gal)** 0.26

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	(2 in)	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:00 **Purge Rate:** 250

End Purging: 12:30 **Volume of Water Removed (gal):** 2

Method of Purge: Low Flow **Method of Sampling:** Low Flow

Depth of Intake: _____

Physical Appearance/ Comments: Clear

Samples Collected: (analyses / no. bottles) _____

Time: 12:30 **Laboratory:** PACE

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
12:00	10.80	250	110	0.762	34.9	5.93	16.23	9.05
12:05	10.10		22	0.684	25.1	6.53	17.83	3.49
12:10	11.20		25	0.708	7.2	6.63	18.07	2.75
12:15	11.20		21	0.820	2.1	6.68	18.12	2.0
12:20	11.20		16	0.972	0	6.72	18.16	1.48
12:25	11.20		18	1.01	0	6.73	18.10	1.11
12:30	11.20		18	1.02	6	6.72	18.11	0.99

ROUX

Well Sampling Data Form

Client: _____ Project Number: _____

Site Location: 1000 Turk Hill Road

Well No: BS Weather: 36 Cloudy

Date: 1/11/24 Purge Water Disposal: DRUM

Sampled By: NAS Well Diameter / Type: 2" PVC

Depth of Well (ft): 14.95 Water Column (ft): 4.45

Depth to Water(ft): 10.50 Volume of Water in Well (gal) 0.72

Depth to Product (ft): N/A Volume of Water to Remove (gal): _____

well diameter:	1 in	(2 in)	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 09:48 Purge Rate: 186

End Purging: 10:25 Volume of Water Removed (gal): 1.5

Method of Purge: Lowflow Method of Sampling: grab

Depth of Intake: _____

Physical Appearance/ Comments: MS/MSD

Samples Collected: (analyses / no. bottles) _____

Time: 10:25 Laboratory: pace

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
09:50	10.50	186/min	178	4.97	16.6	5.05	14.85	5.78
09:55	10.76		161	4.65	18.0	5.55	15.46	6.19
10:00	10.76		157	4.81	38.7	5.61	15.72	5.87
10:05	10.75		153	4.98	0.9	5.64	15.87	4.34
10:10	10.78		151	4.97	2.5	5.65	15.76	3.93
10:15	10.79		149	4.79	0.0	5.68	16.02	3.24
10:20	10.79		146	4.76	4.57	5.70	16.10	6.53
10:25	10.79		143	4.54	7.1	5.72	15.99	2.89

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turk Hill Rd.

Well No: RXMW-95 **Weather:** _____

Date: 11/12/24 **Purge Water Disposal:** 55g - drum

Sampled By: MV **Well Diameter / Type:** _____

Depth of Well (ft): 15.95 **Water Column (ft):** _____

Depth to Water(ft): 9.36 **Volume of Water in Well (gal)** _____

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 8:24 **Purge Rate:** _____

End Purging: 9:20 **Volume of Water Removed (gal):** ~3g

Method of Purge: _____ **Method of Sampling:** low-flow

Depth of Intake: _____

Physical Appearance/ Comments: -organics odor present, black specks appeared during purging, water turbid (black almost)

Samples Collected: (analyses / no. bottles) 9:10 RXMW-95 collected (no bio)

Time: _____ **Laboratory:** _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350-900)	Conductivity mS/m - S/m (w/in 3%) (0-500)	Turbidity NTU (w/in %10) (0-50)	pH SU (+/- 0.1) (5-8)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0-10.2)
8:34			-192	4.63	40.4	6.64	11.30	0.07
8:39			-207	4.62	30.2	6.61	11.92	0.00
8:44			-215	4.67	21.4	6.60	12.22	0.00
8:49			-224	4.71	18.9	6.58	12.47	0.00
8:54			-230	4.71	20.8	6.58	12.52	0.00
8:59			-236	4.72	20.5	6.58	12.57	0.00
9:04			-240	4.73	20.9	6.58	12.56	0.00

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turk Hill Rd

Well No: MW-105 **Weather:** 37°-57°F, Cloudy, RH: 67%, P: 29.07" SW 12 mph

Date: 11/11/24 **Purge Water Disposal:** 55-g drum

Sampled By: MV **Well Diameter / Type:** inch PVC

Depth of Well (ft): 17.21 **Water Column (ft):** _____

Depth to Water(ft): 13.24 **Volume of Water in Well (gal)** _____

Depth to Product (ft): — **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 13:25 **Purge Rate:** 200 ml

End Purging: 1440 **Volume of Water Removed (gal):** _____

Method of Purge: _____ **Method of Sampling:** low-flow

Depth of Intake: _____

Physical Appearance/ Comments: • mud like substance at the end of water level probe tip, slight organics odor, water slightly turbid., sligh sheen observed

Samples Collected: (analyses / no. bottles) 1400 MW-105 collected

Time: _____ **Laboratory:** _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350 - 500)	Conductivity mS/m - S/m (w/in 3%) (0 - 500)	Turbidity NTU (w/in %10) (0 - 50)	pH SU (+/- 0.1) (5-9)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0 - 10.2)
13:30	13.96		-262	2.58	14.7	8.03	13.75	4.07
13:35	14.01		-269	2.65	20.6	7.92	13.84	3.36
13:40	14.02		-266	2.87	11.9	7.75	13.84	3.87
13:45	14.02		-251	3.02	15.1	7.69	13.83	3.34
13:50	14.12		-248	3.20	13.4	7.66	13.83	3.01
13:55	14.12		-241	3.30	12.6	7.59	13.83	2.71
14:00	14.13		-235	3.39	15.6	7.52	13.82	2.24
14:05	14.13		-231	3.49	13.3	7.47	13.77	1.85
14:10	14.15		-225	3.56	10.6	7.41	13.74	1.43
14:15	14.15		-221	3.62	9.9	7.36	13.71	1.12
ROUX 14:20			-215	3.68	9.0	7.33	13.65	1.09

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turkhill Rd

Well No: MW-155 **Weather:** 54° Cloudy

Date: 11/11/24 **Purge Water Disposal:** Drum

Sampled By: NAS **Well Diameter / Type:** 2" PVC

Depth of Well (ft): 13.0 **Water Column (ft):** 0.50

Depth to Water(ft): 12.50 **Volume of Water in Well (gal)** _____

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 11:00 **Purge Rate:** _____

End Purging: _____ **Volume of Water Removed (gal):** _____

Method of Purge: _____ **Method of Sampling:** _____

Depth of Intake: _____

Physical Appearance/ Comments: Dry

Samples Collected: (analyses / no. bottles) None due to no volume

Time: _____ **Laboratory :** _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:00	12.50	0.50	34	0.913	4208	6.92	16.76	4.06

ROUX

Dry after 1 min

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Tusk Hill Rd

Well No: MW-16S **Weather:** 38 cloudy

Date: 11/12/24 **Purge Water Disposal:** Drum

Sampled By: NS **Well Diameter / Type:** 2" PVC

Depth of Well (ft): 14.55 **Water Column (ft):** 10.63

Depth to Water(ft): 3.92 **Volume of Water in Well (gal)** 1.73

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 11:13 **Purge Rate:** ~152 ml/min

End Purging: 11:50 **Volume of Water Removed (gal):** 4

Method of Purge: Low flow **Method of Sampling:** Grab

Depth of Intake: 7.0

Physical Appearance/ Comments: clear

Samples Collected: (analyses / no. bottles)

Time: 11:50 **Laboratory :** PACE

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:15	3.92	152/min	44	0.177	146	7.04	13.50	18.61
11:20	4.10	152	45	0.170	141	7.08	13.67	11.12
11:25	4.26	152	49	0.141	36.4	7.35	14.13	11.48
11:30	4.53	152	70	0.137	8.0	7.15	14.90	10.40
11:35	4.72	160/min	75	0.136	1.9	7.25	15.11	10.20
11:40	4.88	160	79	0.136	0.0	7.30	15.01	10.74
11:45	4.98	160	81	0.136	0.0	7.33	14.91	10.67
11:50	4.97	160	86	0.138	0.0	7.31	15.04	10.45

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Twin Hill Rd

Well No: MW-27S **Weather:** 28°-43°F, PC, Cloudy, RH: 67%, P: 30.28" NE 11mph

Date: 11/12/24 **Purge Water Disposal:** 55g drum

Sampled By: MV **Well Diameter / Type:** inch PVC

Depth of Well (ft): 14.20 **Water Column (ft):** _____

Depth to Water(ft): 8.95 **Volume of Water in Well (gal)** _____

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 9:53 **Purge Rate:** _____

End Purging: 1057 **Volume of Water Removed (gal):** ~2.5g

Method of Purge: _____ **Method of Sampling:** low-flow

Depth of Intake: _____

Physical Appearance/ Comments: Slight odor, small black specks seen while purging. water clear.

Samples Collected: (analyses / no. bottles) 10:40 MW-27S

10:45 BLK

Time: _____ **Laboratory:** _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350 - 800)	Conductivity mS/m - S/m (w/in 3%) (0-500)	Turbidity NTU (w/in %10) (0-50)	pH SU (+/- 0.1) (5-8)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0-12.2)
9:58	9.33		-74	.481	14.1	6.82	12.65	0.00
10:03	9.50		-73	.542	7.0	6.85	13.01	0.00
10:08	9.50		-74	.566	5.6	6.86	13.08	0.00
10:13	9.80		-75	.609	4.3	6.87	13.15	0.00
10:18	9.83		-78	.627	4.2	6.88	13.13	0.00
10:23	9.90		-81	.649	3.2	6.92	13.03	0.00
10:28	10.06		-85	.701	2.9	6.95	12.94	0.00
10:33	10.11		-89	.746	2.8	6.97	13.06	0.00

ROUX

Well Sampling Data Form

Client: _____ Project Number: _____

Site Location: 1000 Turk Hill Rd

Well No: MW-28S Weather: 37°-51°F, Cloudy, RH: 62%, P: 29.67" SW 12mph

Date: 11/11/24 Purge Water Disposal: 55-g drum

Sampled By: MV Well Diameter / Type: inch PVC

Depth of Well (ft): 14.40 Water Column (ft): _____

Depth to Water(ft): 9.56 Volume of Water in Well (gal) _____

Depth to Product (ft): _____ Volume of Water to Remove (gal): _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 10:30 Purge Rate: 200 mL/min

End Purging: 11:40 Volume of Water Removed (gal): ~2.00 g

Method of Purge: _____ Method of Sampling: low-flow

Depth of Intake: _____

Physical Appearance/ Comments: •elevated turbidity

Samples Collected: (analyses / no. bottles)
11:15 MW-28S collected
11:30 Dup collected

Time: _____ Laboratory: _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350 - 800)	Conductivity mS/m - S/m (w/in 3%) (0-500)	Turbidity NTU (w/in %10) (0-50)	pH SU (+/- 0.1) (5-8)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0-10.2)
10:35	10.01		222	0.005	183	5.00	13.14	10.51
10:40	10.06		222	0.004	183	5.04	13.17	10.44
10:45	10.08		221	0.003	183	5.03	13.25	10.33
10:50	10.12		221	0.003	183	5.02	13.31	10.25
10:55	10.13		221	0.003	182	5.02	13.40	10.14
11:00	10.20		221	0.003	182	5.01	13.48	10.04
11:05	10.29		220	0.003	182	5.05	13.57	9.89
11:10	10.29		220	0.003	181	5.05	13.60	9.90

ROUX

Well Sampling Data Form

Client: _____ Project Number: _____

Site Location: 1000 Turkey Hill Rd

Well No: MW-295 Weather: 37°-57°F, Cloudy, RH: 61%, P: 29.67", SW 12 mph

Date: 11/11/24 Purge Water Disposal: 55-g drum

Sampled By: MV Well Diameter / Type: inch PVC

Depth of Well (ft): 14.21 Water Column (ft): _____

Depth to Water(ft): 11.82 Volume of Water in Well (gal) _____

Depth to Product (ft): _____ Volume of Water to Remove (gal): _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 12:08 p.m Purge Rate: 200 ml/min

End Purging: 12:56 p.m Volume of Water Removed (gal): ~2 g

Method of Purge: _____ Method of Sampling: low-flow

Depth of Intake: _____

Physical Appearance/ Comments: slight odor, light haze/cloudy

Samples Collected: (analyses / no. bottles) 12:45 MW-295 collected

Time: _____ Laboratory: _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350 - 500)	Conductivity mS/m - S/m (w/in 3%) (0 - 500)	Turbidity NTU (w/in %10) (0 - 50)	pH SU (+/- 0.1) (5 - 9)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0 - 10.2)
12:13	12.02		-120	4.30	23.8	7.26	13.90	0.28
12:18	12.27		-167	4.68	23.5	7.34	13.86	1.07
12:23	12.35		-177	5.02	14.6	7.31	13.83	0.70
12:28	12.50		-184	5.28	15.6	7.29	13.48	0.00
12:33	12.50		-186	5.34	15.7	7.25	13.56	0.00
12:38	12.62		-190	5.25	15.6	7.24	13.56	0.00
12:43	12.69		-192	5.36	15.3	7.23	13.55	0.0
(MV) ~~12:45~~								

ROUX

Well Sampling Data Form

Client: _____ **Project Number:** _____

Site Location: 1000 Turk Hill Rd

Well No: MW-35M **Weather:** 28°-48°F, n, cloudy, RH: 67%, P: 30.20" NE 11mph

Date: 11/12/24 **Purge Water Disposal:** 55g drum

Sampled By: M.V **Well Diameter / Type:** inch PVC

Depth of Well (ft): 21.76 **Water Column (ft):** _____

Depth to Water(ft): 9.79 **Volume of Water in Well (gal)** _____

Depth to Product (ft): _____ **Volume of Water to Remove (gal):** _____

well diameter:	1 in	2 in	4 in	6 in	8 in
gallons per foot:	0.041	0.163	0.653	1.469	2.611

Start Purging: 11:45 **Purge Rate:** _____

End Purging: 3:53 **Volume of Water Removed (gal):** ~3 5g

Method of Purge: _____ **Method of Sampling:** low flow

Depth of Intake: _____

Physical Appearance/ Comments: slightly cloudy,

Samples Collected: (analyses / no. bottles) 12:40 MW-35M collected

Time: _____ **Laboratory:** _____

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV) (-350-900)	Conductivity mS/m - S/m (w/in 3%) (0-500)	Turbidity NTU (w/in %10) (0-50)	pH SU (+/- 0.1) (5-8)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%) (0-10.2)
11:50	9.9		-71	.168	19.2	7.64	14.67	2.90
11:55	9.9		-68	.166	16.8	7.63	14.98	3.02
12:00	9.92		-66	.164	15.3	7.62	14.94	2.65
12:05	9.92		-70	.165	13.9	7.61	14.89	2.18
12:10	9.95		-75	.167	13.3	7.61	14.86	1.79
12:15	9.95		-89	.178	11.2	7.60	14.99	1.16
12:20	9.95		-111	.203	10.2	7.59	14.92	0.30
12:25	9.95		-127	.220	10.7	7.59	14.88	0.00
12:30	9.95		-135	.244	10.5	7.59	14.90	0.00

ROUX