



2753 West 31st Street | Chicago, IL 60608
Tel: 773-722-9200 | Fax: 773-722-9201 | pioneerEES.com

Transmitted via Electronic Mail

April 15, 2024

Ms. Tena Seeds
Washington State Department of Ecology
Toxics Cleanup Program
15700 Dayton Ave N., Shoreline, WA 98133

RE: **Quarterly Progress Report: January 1 through March 31, 2024**
Time Oil Bulk Terminal Site, Cleanup Site ID #14604
Prospective Purchaser Consent Decree No. 20-2-15215-3 SEA

Dear Ms. Seeds:

Pioneer Engineering & Environmental Services, LLC on behalf of TOC Seattle Terminal 1, LLC submits the attached Quarterly Progress Report for the Time Oil Bulk Terminal Site per Section XII of the Prospective Purchaser Consent Decree between the Washington State Department of Ecology and TOC Seattle Terminal 1, LLC. The quarterly progress report consists of a brief narrative summary of notable activities that occurred during the reporting period and that are anticipated for the upcoming reporting period.

If you have any questions about this report, please contact me at 773-435-3725.

Sincerely,

A handwritten signature in black ink that reads "Kim Hempel". The signature is written in a cursive, flowing style.

Kim Hempel
Project Coordinator
Pioneer Engineering & Environmental Services, LLC

Distribution List:
Doug Ciserella and Mike Ciserella, TOC Seattle Terminal 1, LLC
Bill Joyce, Hillis Clark Martin & Peterson P.S.
Jamie Stevens, CRETE Consulting
Kristin Anderson, Floyd|Snider

**TIME OIL BULK TERMINAL SITE
PROSPECTIVE PURCHASER CONSENT DECREE NO. 20-2-15215-3 SEA
QUARTERLY PROGRESS REPORT: JANUARY 1 THROUGH MARCH 31, 2024**

This report has been prepared in accordance with the requirements of the Time Oil Bulk Terminal Site Prospective Purchaser Consent Decree (PPCD) between the Washington State Department of Ecology (Ecology) and TOC Seattle Terminal 1, LLC. This progress report provides details on the following: 1) all on site activities; 2) any deviations from required tasks; 3) anticipated problems in meeting schedule or objectives and associated solutions 4) sampling, testing, or other data received; 5) work planned for the upcoming 3-month period; and, 6) deliverables planned for the upcoming 3-month period.

Summary of On-Site Activities Performed During the Reporting Period (PPCD Section XII.A)

- A visual check of the site was conducted on February 8 and February 26, 2024. Construction associated with redevelopment continues on Parcel F, and all interim surfaces on remaining portions of the Site remain in good condition and no other concerns were noted during the site visits.
- A licensed driller from Anderson Environmental Contracting, LLC (AEC), with oversight by a Floyd|Snider (F|S) geologist, installed two new replacement monitoring wells (01MW58R and 01MW53R) on February 8, 2024 and decommissioned monitoring wells (01MW53, 01MW58, 01MW88, 01MW103, 01MW109, 02MW05, 02MW08, 02MW09, 02MW10, 02MW13, and 02MW22) on February 9, 2024, as approved by Ecology in an email dated February 4, 2024. A soil boring to visually assess the distribution of PlumeStop in the in-situ treatment barrier upgradient of 01MW85 was also advanced during this field mobilization.
- F|S personnel collected the fifth round of post-remediation groundwater samples on February 26 and 27, 2024 (Q1 2024) per the approved Groundwater Monitoring Plan (GMP) and additional Ecology email concurrence dated January 31, 2024. Monitoring included continued groundwater collection at contingency well 01MW107 and additional sampling at 01MW89 based on elevated indicator hazardous substances (IHSs) at 01MW53 and/or 01MW85 in 2023.
- Water samples were collected from the ASKO Property permeable reactive barrier vault and gravity well on February 26, 2024 for operation and maintenance (O&M) assessment purposes. The O&M data were collected to coincide with remedial investigation groundwater sampling being performed by BNSF's consultant on the upgradient BNSF Property. O&M assessment will continue in Q2 2024 per Ecology's request.

Deliverables

Deliverables during this reporting period included the following:

- Groundwater sampling results for the fourth quarter of 2023 and associated contour maps were submitted to Ecology via email on January 4, 2024.
- The Quarterly Progress Report for the fourth quarter of 2023 was submitted to Ecology on January 10, 2024.
- The Long-Term Compliance Monitoring Annual Report for 2023 activities was submitted to Ecology on March 1, 2024, and Ecology subsequently provided comments via email on March 5, 2024. F|S requested clarification on Ecology comments via email on March 7, 2024 and Ecology responded via email on March 11, 2024.
- Per Ecology's request, groundwater and O&M sampling results were submitted to BNSF and Ecology via email on March 19, 2024 to facilitate evaluation of TCE and cVOCs in the vicinity of the BNSF/ASKO property boundary.

Deviations from Required Tasks (PPCD Section XII.B)

- None.

Anticipated Problems in Meeting Schedule or Objectives and Associated Solutions (PPCD Section XII.C and XII.D)

- TCE and associated cVOC contaminant concentrations originating from the upgradient BNSF property were recently identified in upgradient groundwater as part of the BNSF remedial investigation at levels considerably higher than those observed in the 2019 remedial investigation for the Time Oil Bulk Terminal Site. The elevated TCE and cVOC concentrations in groundwater on BNSF are impacting the shallow water bearing zone (WBZ) in groundwater wells on the downgradient ASKO parcel owned by TOC Seattle Terminal 1, LLC. These impacts, if they continue, represent an on-going source to groundwater and may affect achievement of the cleanup levels (CULs) at the conditional point of compliance (CPOC) within the predicted 15-year restoration timeframe.
- Aside from the item above, there are no other anticipated problems in meeting the schedule of deliverables specified in Exhibit D of the PPCD. The schedule of deliverables and activities specified in Table 8.1 of the Cleanup Action Plan (Exhibit C of the PPCD) are currently on track or ahead of schedule.

Raw Data Received (PPCD Section XII.E)

- Groundwater sampling results for the 1st Quarter 2024 were received from Friedman & Bruya, Inc. on March 12, 2024. Results were received in one sample delivery group (F&BI 402383);
- Samples collected for O&M purposes from the ASKO property permeable reactive barrier vault and gravity well were received on March 6, 2024. Results were received in one sample delivery group (F&BI 402385); and
- Copies of the laboratory reports discussed herein are provided as an attachment to this Progress Report.

Work Planned During the Upcoming Reporting Period (PPCD Section XII.F)

The following work is planned for the 2nd Quarter 2024:

- Sixth round of groundwater sampling; surveying of new wells 01MW53R, 01MW58R, and top of casing for the gravity well; and site-wide synoptic gauging in coordination with BNSF is scheduled for May 15, 2024;
- Review of BNSF 1st Quarter 2024 water levels and groundwater results;
- Construction on Lot F continues; and
- Site checks will be conducted periodically on all interim surfaces outside of Lot F to ensure that conditions remain stable during the interim period prior to site development.

Deliverables Planned During the Upcoming Reporting Period (PPCD Section XII.G)

The following deliverables are anticipated to be completed during the next quarterly reporting period of April through June 2024:

- Transmittal of a summary of 1st Quarter 2024 groundwater sampling results and associated groundwater contour maps to Ecology via email;
- Submittal of the Quarterly Progress Report for the 1st Quarter 2024; and
- Submittal of updated Financial Assurance costs to Ecology per the PPCD.

Other Pertinent Information, Including Changes in Key Personnel

- None.

Attachments

- Attachment 1 – Laboratory Analytical Reports

END QUARTERLY PROGRESS REPORT

ATTACHMENT 1

Laboratory Analytical Reports

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

March 12, 2024

Kristin Anderson, Project Manager
Floyd-Snider
Two Union Square
601 Union St, Suite 600
Seattle, WA 98101

Dear Ms Anderson:

Included are the results from the testing of material submitted on February 27, 2024 from the Cantera TOC, F&BI 402383 project. There are 44 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures

c: Floyd Snider Lab Data, Pamela Osterhout
FDS0312R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 27, 2024 by Friedman & Bruya, Inc. from the Floyd-Snider Cantera TOC, F&BI 402383 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Floyd-Snider</u>
402383 -01	01MW108-022624
402383 -02	01MW12-022624
402383 -03	01MW56-022624
402383 -04	01MW40-022624
402383 -05	01MW46-022624
402383 -06	01MW66-022624
402383 -07	01MW58R-022624
402383 -08	01MW15-022624
402383 -09	01MW19R-022624
402383 -10	01MW49R-022624
402383 -11	01MW84-022624
402383 -12	01MW107-022624
402383 -13	MW05-022724
402383 -14	MW06-022724
402383 -15	01MW89-022724
402383 -16	01MW53R-022724
402383 -17	01MW85-022724
402383 -18	02MW19-022724
402383 -19	02MW07-022724
402383 -20	02MW04R-022724
402383 -21	02MW04R-D-022724
402383 -22	Trip Blank

Samples MW05-022724, MW06-022724, and 01MW85-022724 were sent to Onsite Environmental for dissolved gases analysis. The report is enclosed.

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24
Date Received: 02/27/24
Project: Cantera TOC, F&BI 402383
Date Extracted: 03/04/24
Date Analyzed: 03/04/24

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
USING METHOD NWTPH-G_x**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
01MW12-022624 402383-02	<100	104
01MW40-022624 402383-04	110	93
01MW19R-022624 402383-09	560	107
01MW49R-022624 402383-10	<100	95
01MW84-022624 402383-11 1/5	1,800	108
02MW19-022724 402383-18	<100	94
02MW07-022724 402383-19	<100	99
02MW04R-022724 402383-20	<100	94
02MW04R-D-022724 402383-21	<100	98
Method Blank 04-431 MB	<100	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24
 Date Received: 02/27/24
 Project: Cantera TOC, F&BI 402383
 Date Extracted: 02/29/24
 Date Analyzed: 02/29/24

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
 FOR TOTAL PETROLEUM HYDROCARBONS AS
 DIESEL AND MOTOR OIL
 USING METHOD NWTPH-D_x**
 Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 50-150)
01MW12-022624 402383-02	550 x	<250	92
01MW40-022624 402383-04	5,000 x	530 x	112
01MW19R-022624 402383-09	600 x	<250	104
01MW49R-022624 402383-10	200 x	<250	114
01MW84-022624 402383-11	540 x	<250	93
02MW19-022724 402383-18	110 x	<250	104
02MW07-022724 402383-19	<50	<250	99
02MW04R-022724 402383-20	<50	<250	104
02MW04R-D-022724 402383-21	<50	<250	100
Method Blank 04-480 MB	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020B

Client ID:	MW05-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-13 x10
Date Analyzed:	02/29/24	Data File:	402383-13 x10.046
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	2,000

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020B

Client ID:	MW06-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-14 x10
Date Analyzed:	02/29/24	Data File:	402383-14 x10.047
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	6,900

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020B

Client ID:	01MW85-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-17 x10
Date Analyzed:	02/29/24	Data File:	402383-17 x10.048
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	4,300

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Dissolved Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	NA	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	I4-156 mb
Date Analyzed:	02/28/24	Data File:	I4-156 mb.115
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
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Iron	<50
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	MW05-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-13 x10
Date Analyzed:	02/29/24	Data File:	402383-13 x10.066
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	2,200

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	MW06-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-14 x10
Date Analyzed:	02/29/24	Data File:	402383-14 x10.067
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	7,200

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	01MW85-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-17 x10
Date Analyzed:	02/29/24	Data File:	402383-17 x10.068
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Iron	4,300

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	02MW19-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-18
Date Analyzed:	02/28/24	Data File:	402383-18.165
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
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Arsenic	4.8
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	02MW07-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	402383-19
Date Analyzed:	02/28/24	Data File:	402383-19.166
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
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Arsenic	<1
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FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 6020B

Client ID:	Method Blank	Client:	Floyd-Snider
Date Received:	NA	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/28/24	Lab ID:	I4-154 mb
Date Analyzed:	02/28/24	Data File:	I4-154 mb.113
Matrix:	Water	Instrument:	ICPMS2
Units:	ug/L (ppb)	Operator:	SP

Analyte:	Concentration ug/L (ppb)
Arsenic	<1
Iron	<50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW108-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-01
Date Analyzed:	03/01/24	Data File:	030120.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	102	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	102	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.11
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW12-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-02
Date Analyzed:	03/01/24	Data File:	030121.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	101	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW56-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-03
Date Analyzed:	03/01/24	Data File:	030132.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	92	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	104	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	1.1
cis-1,2-Dichloroethene	<1
Trichloroethene	2.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW40-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-04
Date Analyzed:	03/01/24	Data File:	030130.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	98	78	126
Toluene-d8	97	84	115
4-Bromofluorobenzene	101	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	1.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW46-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-05
Date Analyzed:	03/01/24	Data File:	030138.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	78	126
Toluene-d8	96	84	115
4-Bromofluorobenzene	99	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	69
Benzene	3.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW46-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-05 1/10
Date Analyzed:	03/04/24	Data File:	030428.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	104	72	130

Compounds:	Concentration ug/L (ppb)
cis-1,2-Dichloroethene	520
Trichloroethene	220

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW58R-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-07 1/10
Date Analyzed:	03/01/24	Data File:	030134.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	99	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	31
cis-1,2-Dichloroethene	520
Trichloroethene	40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW15-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-08
Date Analyzed:	03/01/24	Data File:	030137.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	89	78	126
Toluene-d8	108	84	115
4-Bromofluorobenzene	100	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	59
cis-1,2-Dichloroethene	88
Trichloroethene	27

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW19R-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-09
Date Analyzed:	03/01/24	Data File:	030131.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	1.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW49R-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-10
Date Analyzed:	03/01/24	Data File:	030122.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	103	78	126
Toluene-d8	101	84	115
4-Bromofluorobenzene	101	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW84-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-11
Date Analyzed:	03/01/24	Data File:	030123.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	105	78	126
Toluene-d8	105	84	115
4-Bromofluorobenzene	104	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW107-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-12
Date Analyzed:	03/01/24	Data File:	030124.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	98	84	115
4-Bromofluorobenzene	100	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW05-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-13 1/10
Date Analyzed:	03/01/24	Data File:	030136.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	78	126
Toluene-d8	96	84	115
4-Bromofluorobenzene	99	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	24
cis-1,2-Dichloroethene	840
Trichloroethene	120
Benzene	1.1 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	MW06-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-14
Date Analyzed:	03/01/24	Data File:	030135.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	99	84	115
4-Bromofluorobenzene	95	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	4.5
cis-1,2-Dichloroethene	68
Trichloroethene	7.7
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW89-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-15
Date Analyzed:	03/01/24	Data File:	030125.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	100	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	94	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW53R-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-16
Date Analyzed:	03/01/24	Data File:	030133.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	95	78	126
Toluene-d8	90	84	115
4-Bromofluorobenzene	97	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.60
cis-1,2-Dichloroethene	2.9
Trichloroethene	26

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	01MW85-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-17 1/10
Date Analyzed:	03/01/24	Data File:	030134.D
Matrix:	Water	Instrument:	GCMS13
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	93	71	132
Toluene-d8	96	68	139
4-Bromofluorobenzene	110	62	136

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	28
cis-1,2-Dichloroethene	990
Trichloroethene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	02MW19-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-18
Date Analyzed:	03/01/24	Data File:	030126.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	92	78	126
Toluene-d8	102	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	02MW07-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-19
Date Analyzed:	03/01/24	Data File:	030129.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	92	78	126
Toluene-d8	103	84	115
4-Bromofluorobenzene	107	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	02MW04R-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-20
Date Analyzed:	03/01/24	Data File:	030127.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	101	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	97	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	02MW04R-D-022724	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	402383-21
Date Analyzed:	03/01/24	Data File:	030128.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	96	78	126
Toluene-d8	104	84	115
4-Bromofluorobenzene	105	72	130

Compounds:	Concentration ug/L (ppb)
Benzene	<0.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	Cantera TOC, F&BI 402383
Date Extracted:	03/01/24	Lab ID:	04-0406 mb
Date Analyzed:	03/01/24	Data File:	030119.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	99	84	115
4-Bromofluorobenzene	101	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5
Benzene	<0.1 j

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for Semivolatile Phenols By EPA Method 8270E SIM

Client Sample ID:	01MW66-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/29/24	Lab ID:	402383-06
Date Analyzed:	02/29/24	Data File:	022922.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2,4,6-Tribromophenol	118	50	150

Compounds:	Concentration ug/L (ppb)
Pentachlorophenol	0.76

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for Semivolatile Phenols By EPA Method 8270E SIM

Client Sample ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	Cantera TOC, F&BI 402383
Date Extracted:	02/29/24	Lab ID:	04-0481 mb
Date Analyzed:	02/29/24	Data File:	022921.D
Matrix:	Water	Instrument:	GCMS9
Units:	ug/L (ppb)	Operator:	VM

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
2,4,6-Tribromophenol	70	50	150

Compounds:	Concentration ug/L (ppb)
Pentachlorophenol	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TPH AS GASOLINE
USING METHOD NWTPH-G_x**

Laboratory Code: 402383-21 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Gasoline	ug/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	ug/L (ppb)	1,000	100	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-D_x**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	100	104	72-139	4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR DISSOLVED METALS USING EPA METHOD 6020B**

Laboratory Code: 402395-01 x10 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Iron	ug/L (ppb)	100	63,000	0 b	0 b	75-125	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Iron	ug/L (ppb)	100	92	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL METALS USING EPA METHOD 6020B**

Laboratory Code: 402378-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	ug/L (ppb)	10	<1	93	92	75-125	1
Iron	ug/L (ppb)	100	156	88 b	85 b	75-125	3 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	ug/L (ppb)	10	92	80-120
Iron	ug/L (ppb)	100	97	80-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260D**

Laboratory Code: 402383-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	ug/L (ppb)	10	0.39	107	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	10	2.7	104 b	10-211
Trichloroethene	ug/L (ppb)	10	8.3	101 b	35-149
Benzene	ug/L (ppb)	10	1.6	105	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	ug/L (ppb)	10	114	115	64-142	1
cis-1,2-Dichloroethene	ug/L (ppb)	10	110	112	70-130	2
Trichloroethene	ug/L (ppb)	10	99	98	70-130	1
Benzene	ug/L (ppb)	10	103	104	70-130	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/12/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402383

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR SEMIVOLATILE PHENOLS BY EPA METHOD 8270E SIM**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 30)
Pentachlorophenol	ug/L (ppb)	2.5	71	89	70-130	22

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

402383

SAMPLE CHAIN OF CUSTODY

02/27/24 Page # 1 of 3

Report To: Kristin Anderson Rennelle Osterhead

+ Lab Data e Flygt Snyder .com
Company: Flygt Snyder

Address: 1001 Union St, Suite 600

City, State, ZIP: Seattle, WA 98101

Phone: 206 292-2678 Email: _____

SAMPLERS (signature) [Signature]
PROJECT NAME: Cantera TDC

PO # _____

REMARKS
CVDs include: TCE, Mxds
CIS-12-DCs and vinyl chloride
Project specific RIs? - Yes / No

INVOICE TO: Pioneer

TURNAROUND TIME
 Standard turnaround
 RUSH
Rush charges authorized by: _____
SAMPLE DISPOSAL
 Archive samples
 Other
Default: Dispose after 30 days

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED							Notes		
						NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082		Benzene 6260	Pentachlorobenzene 82700-SM
01MW108-022624	01A-C	2/26/24	09:01	GW	3		X			X					
01MW12-022624	02A-G		09:15		7	X	X					X			
01MW56-022624	03A-C		10:07		3				X						
01MW40-022624	04A-G		10:07		7	X	X					X			
01MW46-022624	05A-B		11:16		6				X			X			
01MW66-022624	06		11:30		1								X		
01MW58R-022624	07A-C		12:19		3				X						
01MW15-022624	08A-C		12:15		3				X						
01MW19R-022624	09A-G		14:05		7	X	X					X			
01MW49R-022624	10A-G		15:22		7	X	X					X			

Friedman & Bruya, Inc.
Ph. (206) 285-8282

SIGNATURE		PRINT NAME		COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>[Signature]</u>	<u>Rennelle Osterhead</u>	<u>Rennelle Osterhead</u>	<u>FIS</u>	<u>2/27/24</u>	<u>14:55</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>ANH PHAN</u>	<u>ANH PHAN</u>	<u>FIS</u>	<u>02/27/24</u>	<u>14:55</u>
Relinquished by:						
Received by:						

402383

Report To Krishn Ramela + Lab Data

Company Floyd Snider

Address _____
City, State, ZIP see page 1

Phone _____ Email _____

SAMPLE CHAIN OF CUSTODY

SAMPLERS (signature)	<u>[Signature]</u>
PROJECT NAME	<u>Cantera - TDC</u>
PO #	<u>[Signature]</u>
REMARKS	<u>Sub diss. gases to onsite for low PL's</u>
Protect specific RIs? - Yes / No	<u>No</u>
INVOICE TO	<u>Pioneer</u>

02/27/24 F31K4/3 Wwy

Page # 2 of 3

TURNAROUND TIME

Standard turnaround
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL

Archive samples
 Other
 Default: Dispose after 30 days

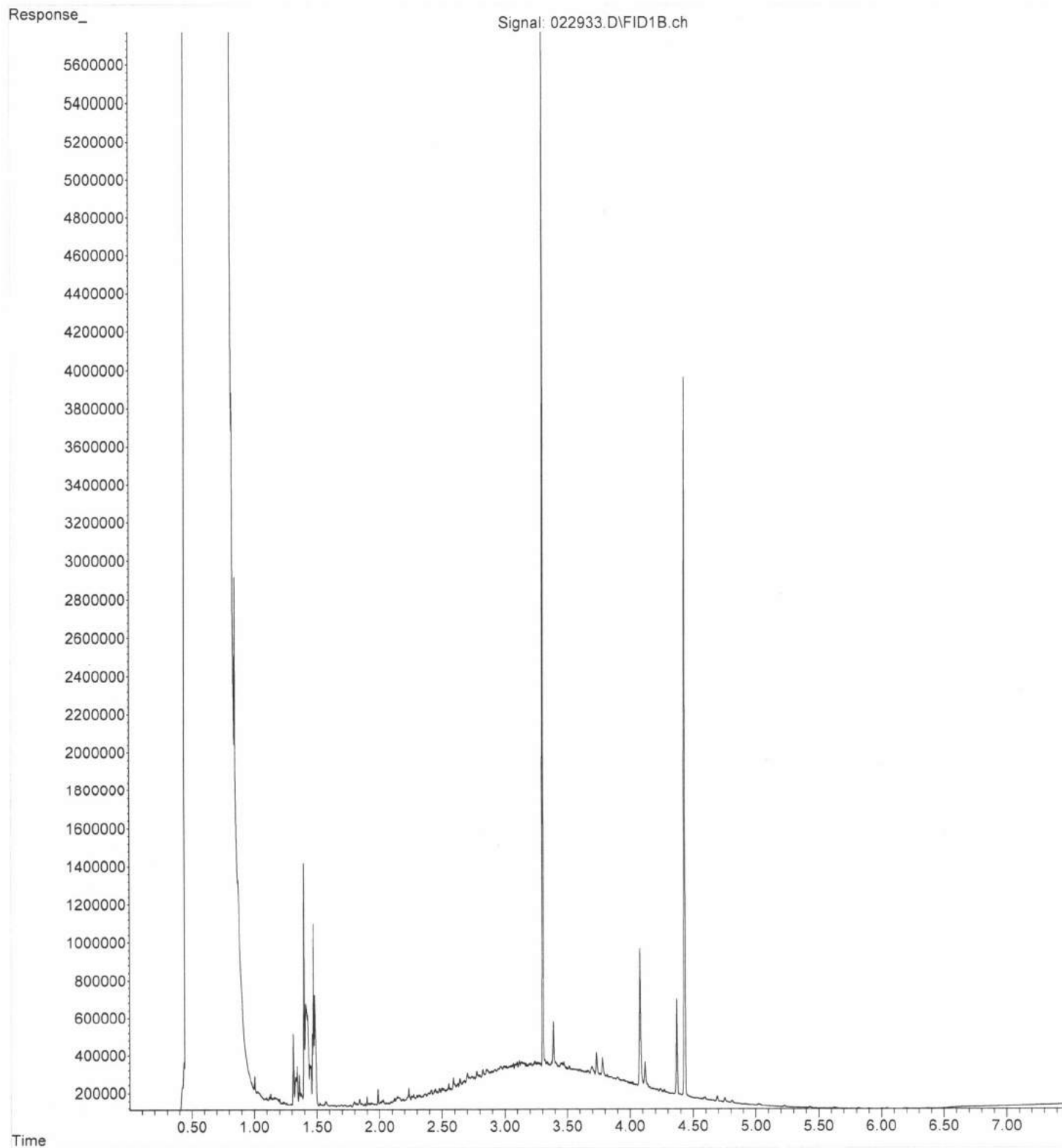
Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED														
						NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	Benzene	Total Vol	Diss. (FF)	Diss. (FF)					
01MW107-022224	11A-G	2/20/24	15:05	GW	7	X	X					X								
01MW107-022224	12A-C	2/21/24	16:14	GW	3							X								
NW05-022224	13A-C	2/21/24	08:45	GW	11							X								
NW06-022224	14A-C		08:46	GW	11							X								
01 01MW089-022224	15A-C		10:25	GW	3							X								
01MW53R-022224	16A-C		10:10	GW	3							X								
01MW085-022224	17A-C		11:11	GW	8							X								
02MW19-022224	18A-C		11:30	GW	8	X	X					X								
02MW07-022224	19A-C		12:45	GW	8	X	X					X								
02MW04R-022224	20A-G		12:12	GW	7	X	X					X								

Diss gases include methane + ethane + ethane

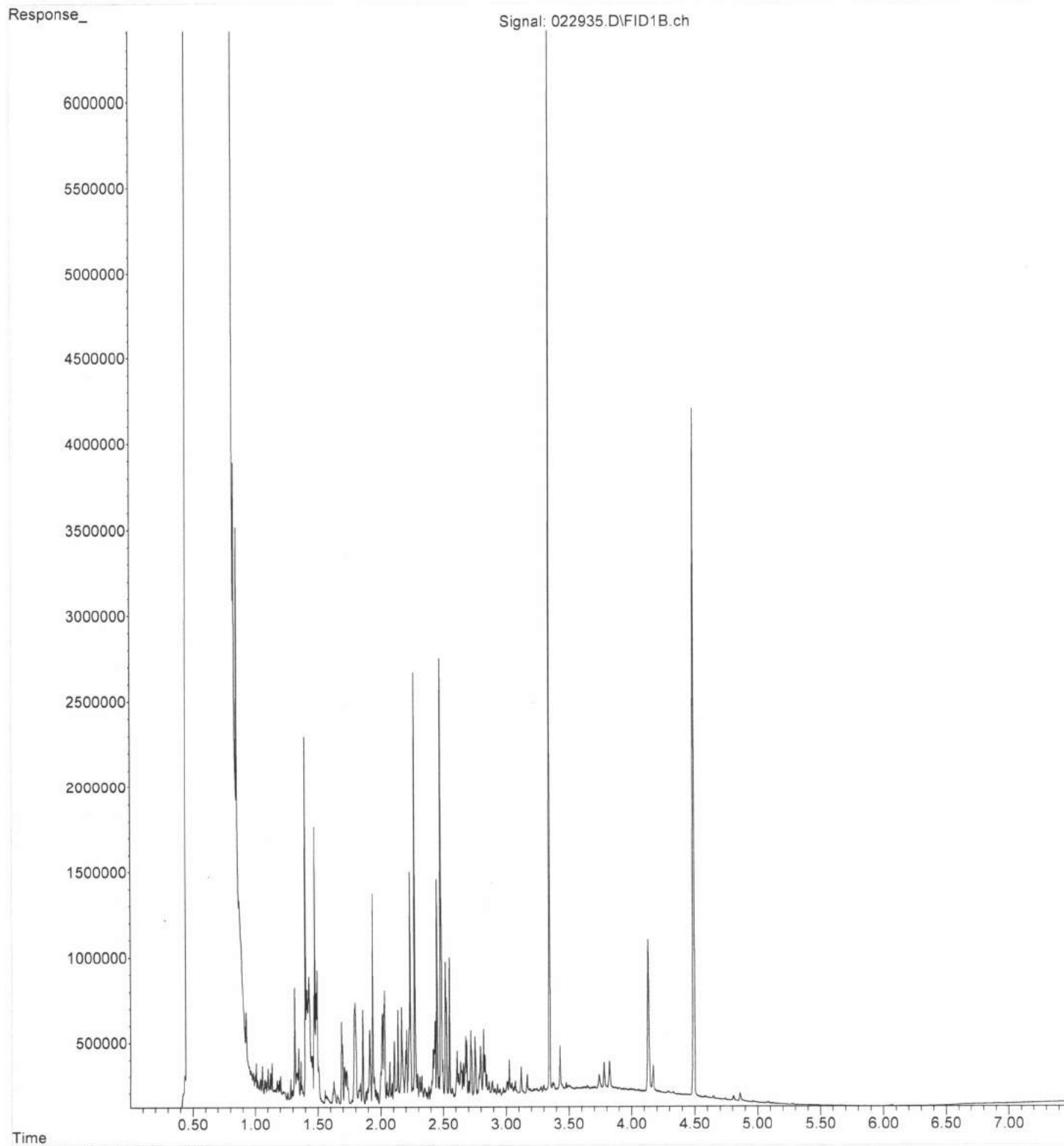
Friedman & Bruya, Inc.
Ph. (206) 285-8282

SIGNATURE		PRINT NAME		COMPANY		DATE	TIME
Relinquished by:	<u>[Signature]</u>	<u>Pamella Galtcher</u>		<u>FIS</u>		<u>2/27/24</u>	<u>14:55</u>
Received by:	<u>[Signature]</u>	<u>AMH PAM</u>		<u>F3B</u>		<u>02/27/24</u>	<u>14:55</u>
Relinquished by:				Samples received at		<u>1</u>	
Received by:							

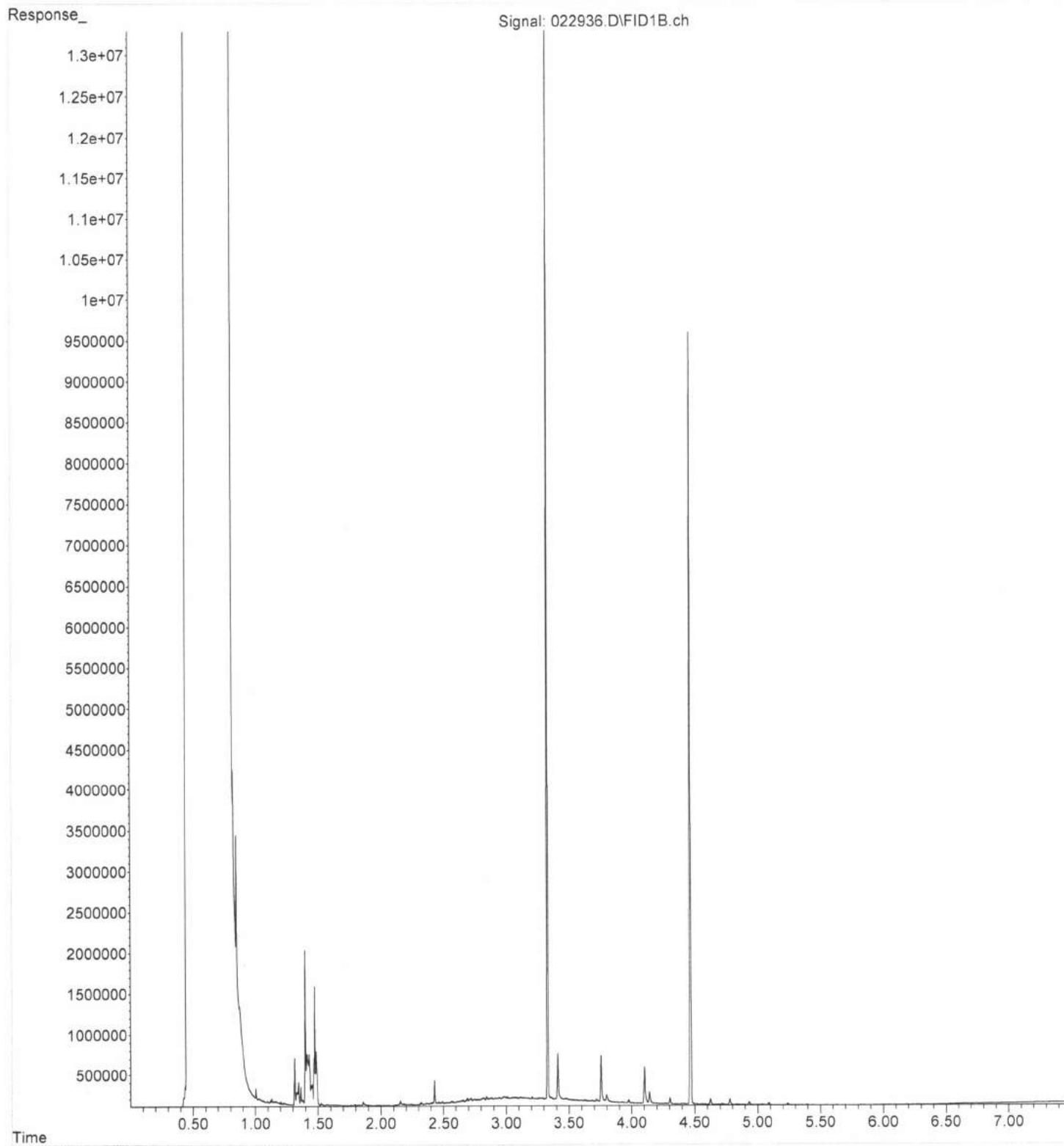
File : P:\Proc_GC10\02-29-24\022933.D
Operator : IJL
Acquired : 29 Feb 2024 02:37 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-02
Misc Info : *SM²*
Vial Number: 26



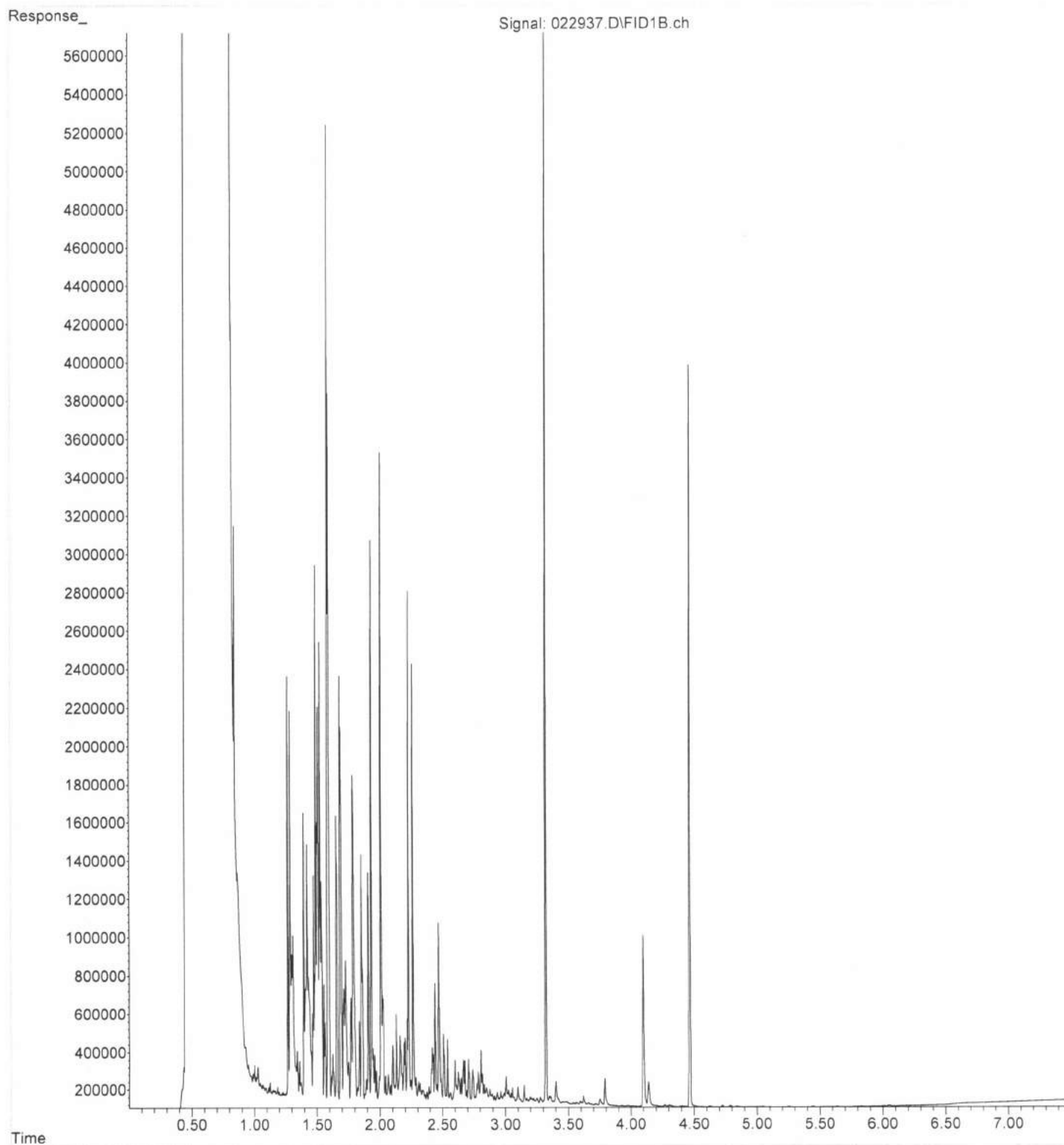
File :P:\Proc_GC10\02-29-24\022935.D
Operator : IJL
Acquired : 29 Feb 2024 03:00 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-09
Misc Info : *SMG/1*
Vial Number: 28



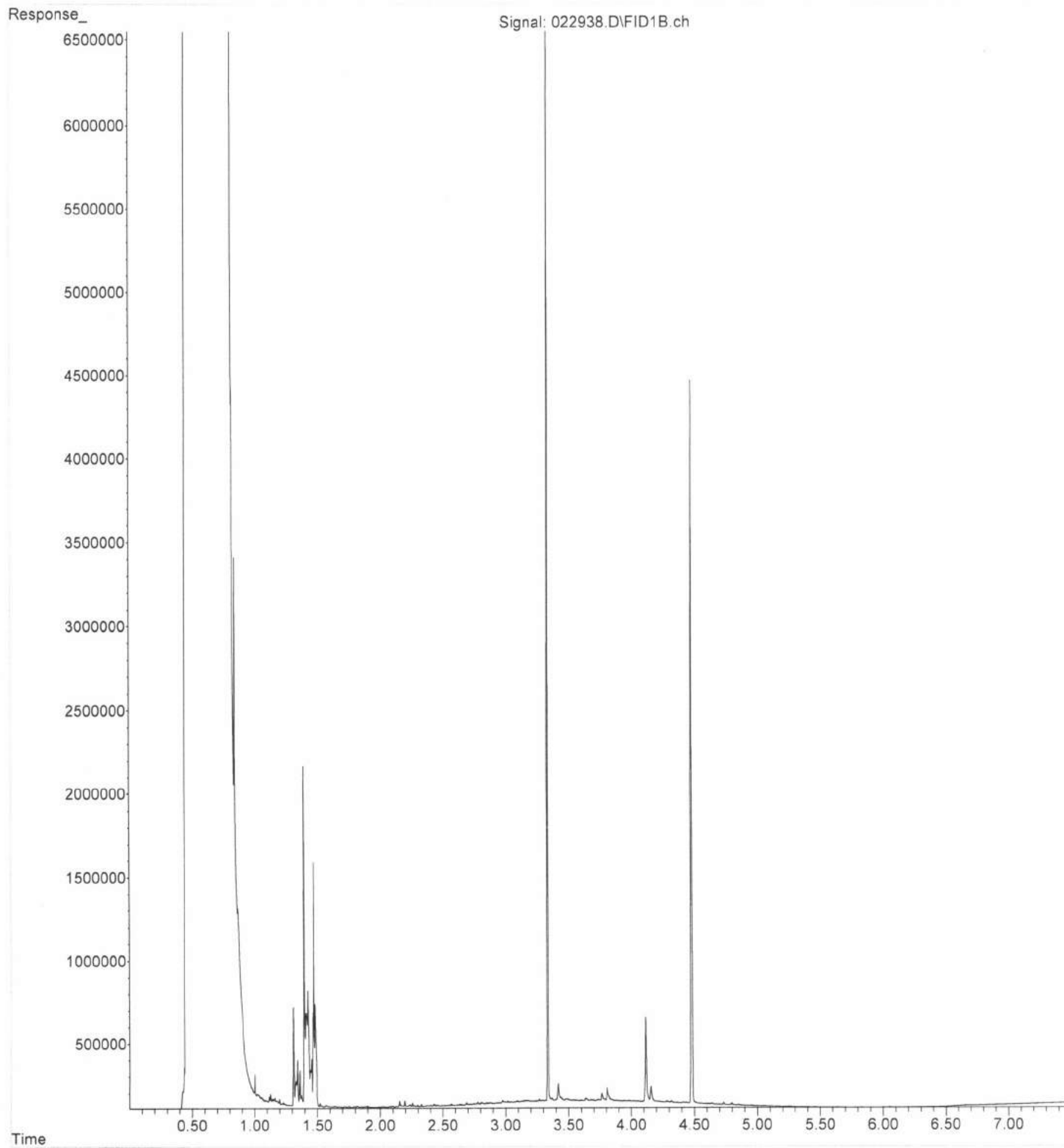
File : P:\Proc_GC10\02-29-24\022936.D
Operator : IJL
Acquired : 29 Feb 2024 03:11 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-10
Misc Info : *8 mg/l*
Vial Number: 29



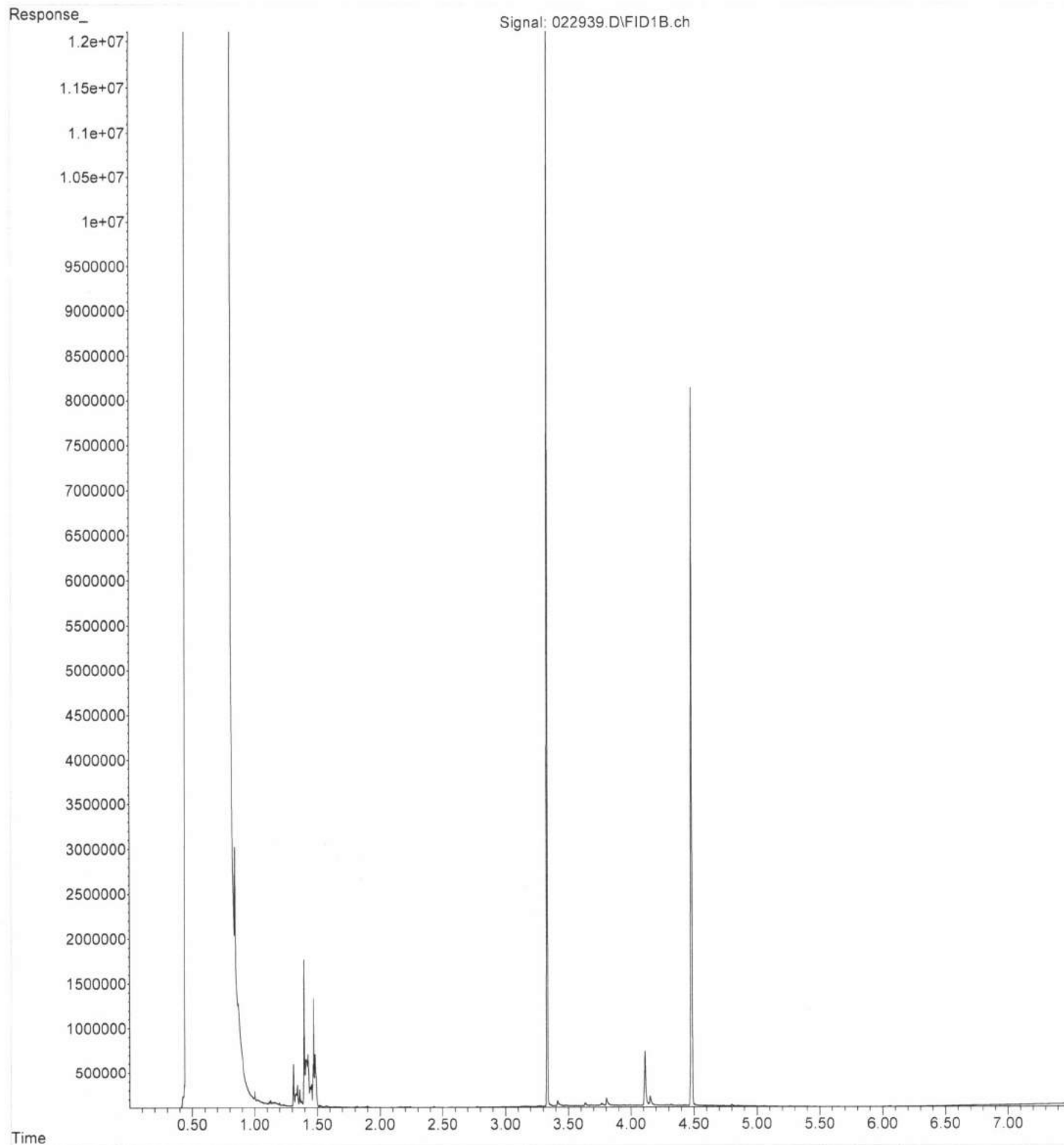
File :P:\Proc_GC10\02-29-24\022937.D
Operator : IJL
Acquired : 29 Feb 2024 03:23 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-11
Misc Info : *8 ms/1*
Vial Number: 30



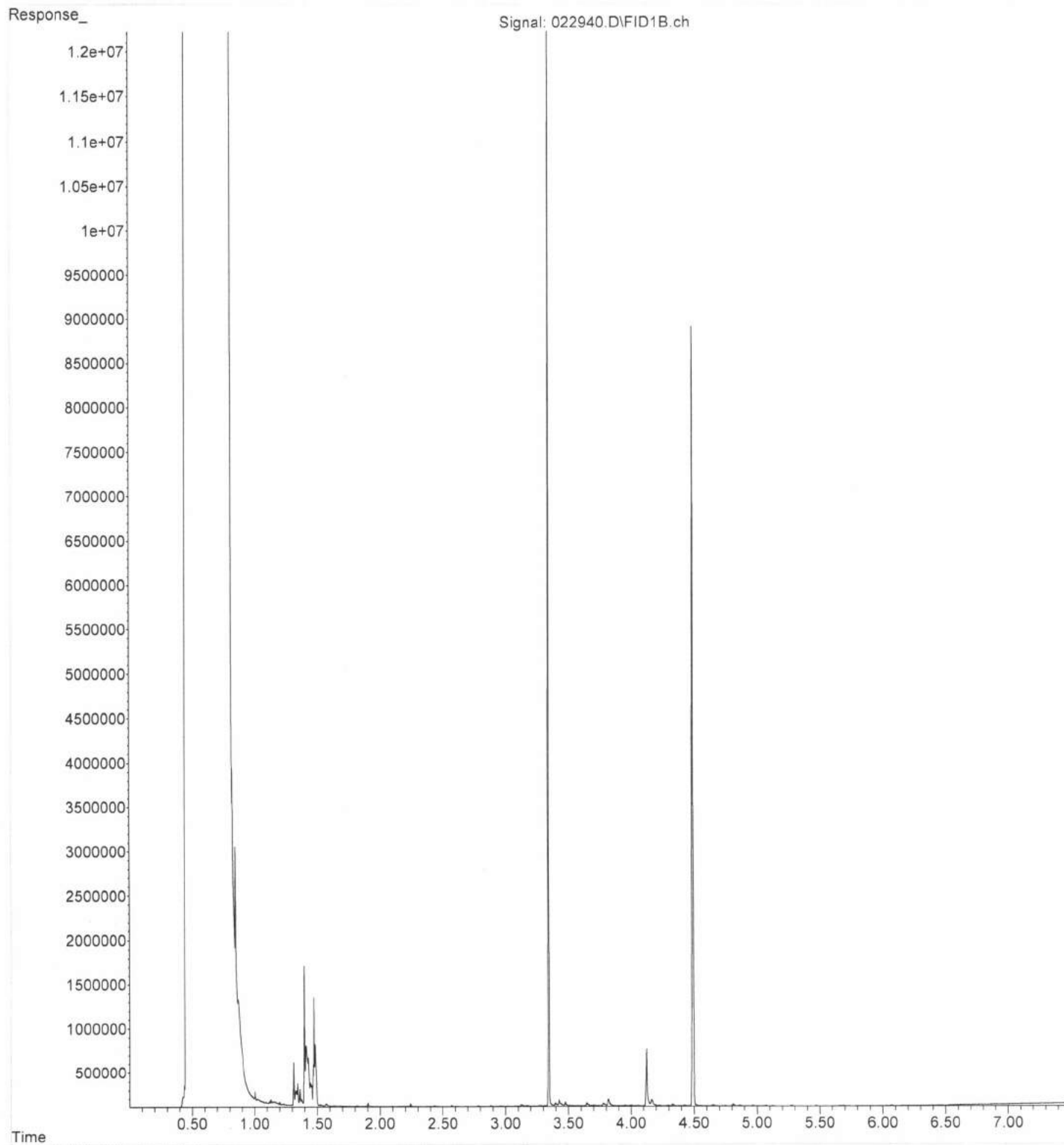
File : P:\Proc_GC10\02-29-24\022938.D
Operator : IJL
Acquired : 29 Feb 2024 03:34 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-18
Misc Info : *8 M 211*
Vial Number: 31



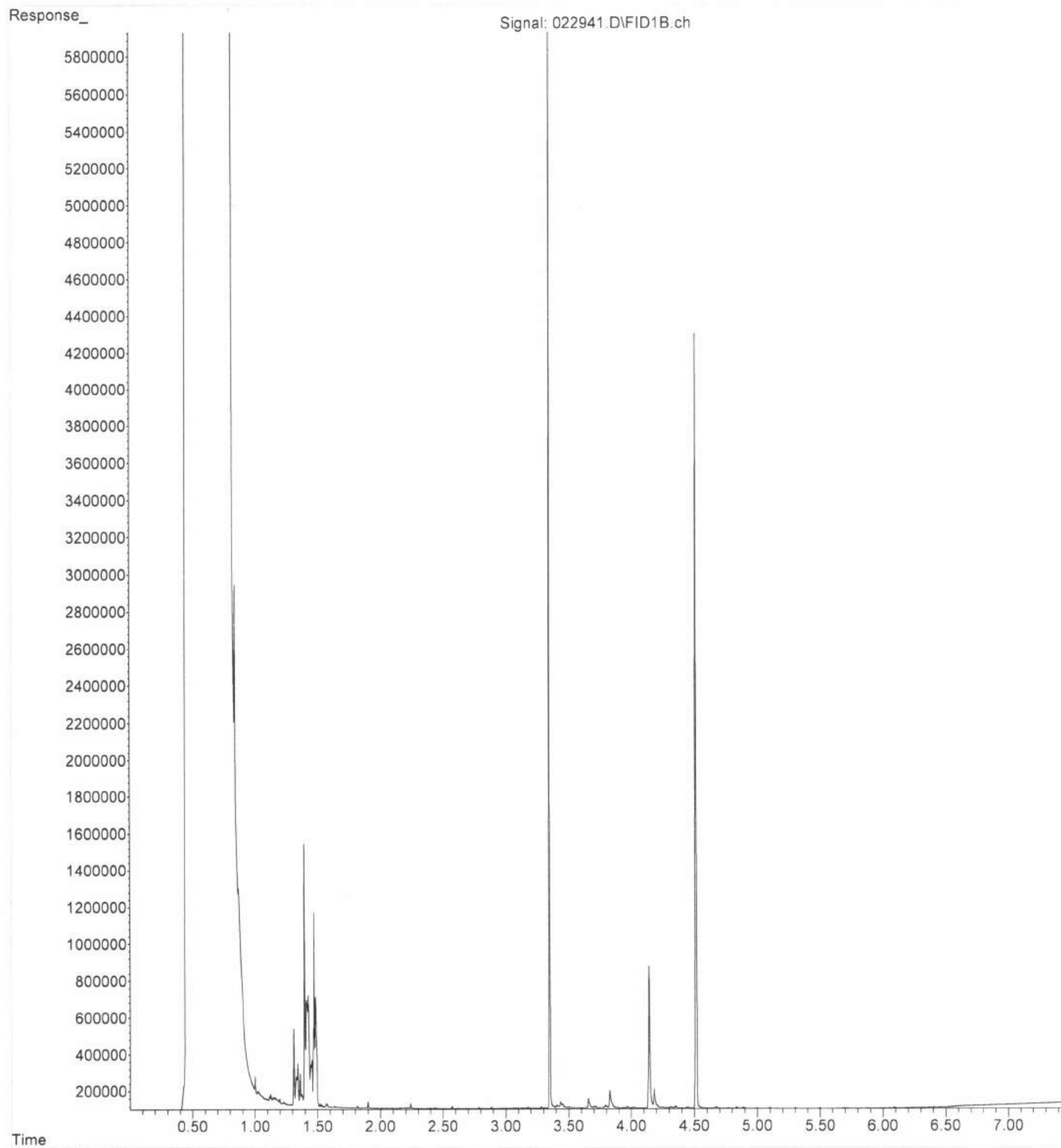
File : P:\Proc_GC10\02-29-24\022939.D
Operator : IJL
Acquired : 29 Feb 2024 03:46 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-19
Misc Info : *SMY1*
Vial Number: 32



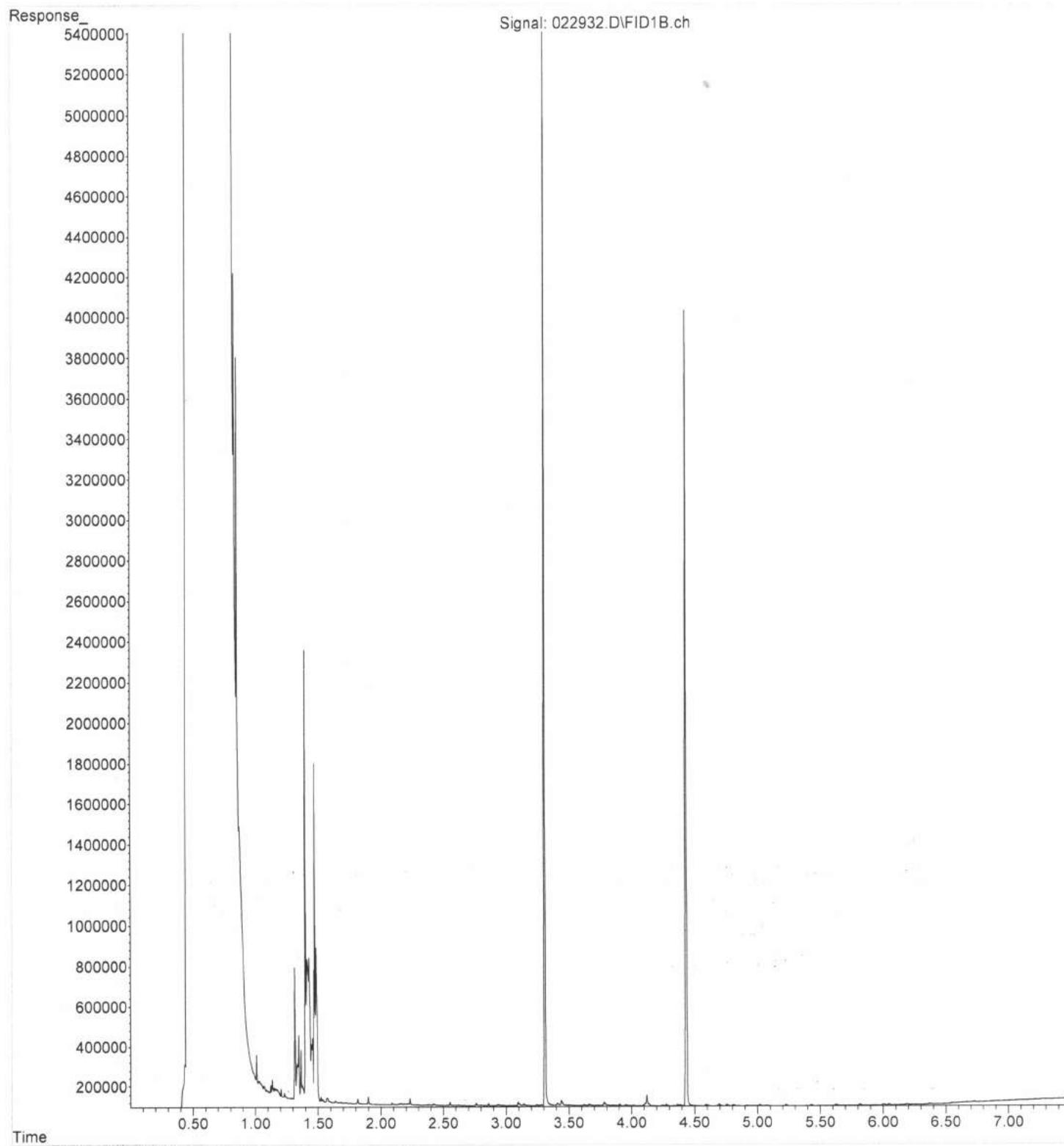
File : P:\Proc_GC10\02-29-24\022940.D
Operator : IJL
Acquired : 29 Feb 2024 03:58 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-20
Misc Info : *8ms/1*
Vial Number: 33



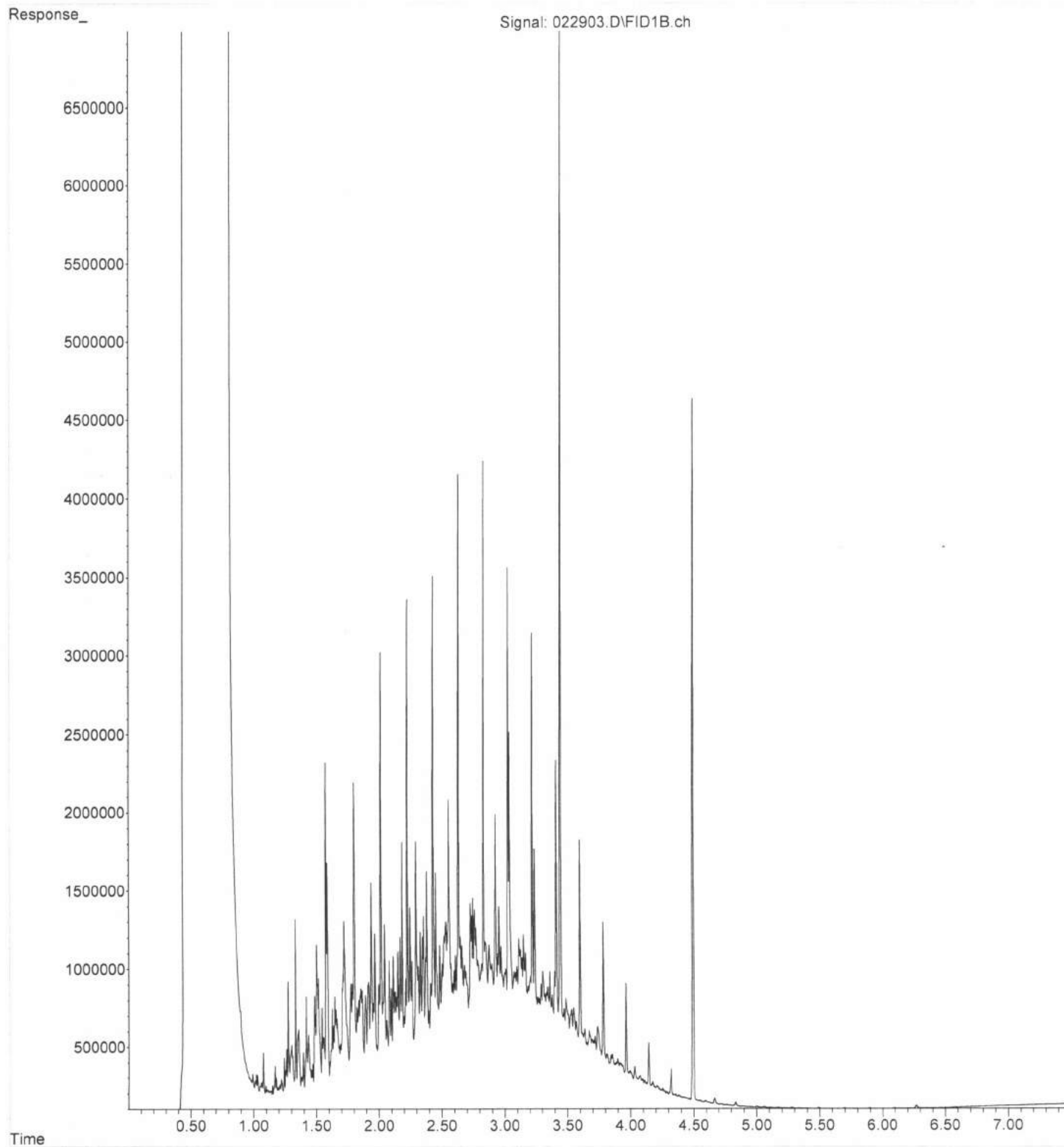
File :P:\Proc_GC10\02-29-24\022941.D
Operator : IJL
Acquired : 29 Feb 2024 04:09 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 402303-21
Misc Info : *8/10/21*
Vial Number: 34



File :P:\Proc_GC10\02-29-24\022932.D
Operator : IJL
Acquired : 29 Feb 2024 02:25 pm using AcqMethod DX.M
Instrument : GC10
Sample Name: 04-480 mb
Misc Info :
Vial Number: 25



File : P:\Proc_GC10\02-29-24\022903.D
Operator : IJL
Acquired : 29 Feb 2024 08:50 am using AcqMethod DX.M
Instrument : GC10
Sample Name: 500 DX 71-40D
Misc Info :
Vial Number: 3





14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 11, 2024

Michael Erdahl
Friedman & Bruya, Inc.
5500 4th Avenue South
Seattle, WA 98108

Re: Analytical Data for Project 402383
Laboratory Reference No. 2402-360

Dear Michael:

Enclosed are the analytical results and associated quality control data for samples submitted on February 28, 2024.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal stroke extending to the right.

David Baumeister
Project Manager

Enclosures



Date of Report: March 11, 2024
Samples Submitted: February 28, 2024
Laboratory Reference: 2402-360
Project: 402383

Case Narrative

Samples were collected on February 27, 2024 and received by the laboratory on February 28, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: March 11, 2024
 Samples Submitted: February 28, 2024
 Laboratory Reference: 2402-360
 Project: 402383

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	MDL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	MW05-022724						
Laboratory ID:	02-360-01						
Methane	42	0.55	0.53	RSK 175	3-5-24	3-5-24	
Ethane	ND	0.56	0.33	RSK 175	3-5-24	3-5-24	
Ethene	29	0.58	0.33	RSK 175	3-5-24	3-5-24	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>					
1-Butene	88	50-150					

Client ID:	MW06-022724						
Laboratory ID:	02-360-02						
Methane	52	0.55	0.53	RSK 175	3-5-24	3-5-24	
Ethane	ND	0.56	0.33	RSK 175	3-5-24	3-5-24	
Ethene	ND	0.58	0.33	RSK 175	3-5-24	3-5-24	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>					
1-Butene	88	50-150					

Client ID:	01MW85-022724						
Laboratory ID:	02-360-03						
Methane	2500	28	27	RSK 175	3-5-24	3-5-24	
Ethane	ND	0.56	0.33	RSK 175	3-5-24	3-5-24	
Ethene	14	0.58	0.33	RSK 175	3-5-24	3-5-24	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>					
1-Butene	97	50-150					



Date of Report: March 11, 2024
 Samples Submitted: February 28, 2024
 Laboratory Reference: 2402-360
 Project: 402383

**DISSOLVED GASES
 RSK 175
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

Analyte	Result	PQL	MDL	Method	Date Prepared	Date Analyzed	Flags
METHOD BLANK							
Laboratory ID:	MB0305W1						
Methane	ND	0.55	0.53	RSK 175	3-5-24	3-5-24	
Ethane	ND	0.56	0.33	RSK 175	3-5-24	3-5-24	
Ethene	ND	0.58	0.33	RSK 175	3-5-24	3-5-24	
<i>Surrogate:</i>	<i>Percent Recovery</i>	<i>Control Limits</i>					
1-Butene	100	50-150					

Analyte	Result		Spike Level		Percent Recovery		Recovery Limits	RPD	RPD Limit	Flags
SPIKE BLANK										
Laboratory ID:	SB0305W1									
	SB	SBD	SB	SBD	SB	SBD				
Methane	44.5	40.4	44.2	44.2	101	91	75-125	10	25	
Ethane	84.0	76.0	83.2	83.2	101	91	75-125	10	25	
Ethene	78.8	72.0	77.7	77.7	101	93	75-125	9	25	
<i>Surrogate:</i>										
1-Butene					102	92	50-150			





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



SUBCONTRACT SAMPLE CHAIN OF CUSTODY

02-360

SUBCONTRACTOR
Onsite

PROJECT NAME/NO.
402383

PO #
D-689

REMARKS

Report to MDL, Methane, Ethane, Ethene ~~BPM-EBD~~ Floyd S. ~~EDD~~

Page # 1 of 1

TURNAROUND TIME

Standard TAT
RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days
Return samples
Will call with instructions

Send Report To Michael Erdahl
Company Friedman and Bruya, Inc.
Address 5500 4th Ave S
City, State, ZIP Seattle, WA 98108
Phone # (206) 285-8282 merdahl@friedmanandbruya.com

Sample ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED					Notes	
						Dissolved Gases RSK *	Nitrate	Nitrite	Sulfate	RSK-175		
MW05-022724		2/27/2024	845	water	3	x						*Methane, Ethane, Ethene
MW06-022724		2/27/2024	846	water	3	x						Ethene
01MW85-022724		2/27/2024	1111	water	3	x						

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<i>Michael Erdahl</i>	Michael Erdahl	Friedman & Bruya	2/28/24	0820
<i>M. Vow</i>	M. Vow		2/28/24	1415
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

March 6, 2024

Kristin Anderson, Project Manager
Floyd-Snyder
Two Union Square
601 Union St, Suite 600
Seattle, WA 98101

Dear Ms Anderson:

Included are the results from the testing of material submitted on February 27, 2024 from the Cantera TOC, F&BI 402385 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
c: Pamela Osterhout
FDS0306R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 27, 2024 by Friedman & Bruya, Inc. from the Floyd-Snider Cantera TOC, F&BI 402385 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Floyd-Snider</u>
402385 -01	Gravity-022624
402385 -02	Clear Vault-022624
402385 -03	Inf Vault-022624

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Gravity-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402385
Date Extracted:	03/04/24 12:00	Lab ID:	402385-01 1/10
Date Analyzed:	03/04/24	Data File:	030423.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	97	78	126
Toluene-d8	98	84	115
4-Bromofluorobenzene	104	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	27
cis-1,2-Dichloroethene	23
Trichloroethene	110

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Clear Vault-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402385
Date Extracted:	03/04/24 12:00	Lab ID:	402385-02
Date Analyzed:	03/04/24	Data File:	030424.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	91	78	126
Toluene-d8	101	84	115
4-Bromofluorobenzene	107	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
cis-1,2-Dichloroethene	<1
Trichloroethene	17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Inf Vault-022624	Client:	Floyd-Snider
Date Received:	02/27/24	Project:	Cantera TOC, F&BI 402385
Date Extracted:	03/04/24 12:00	Lab ID:	402385-03
Date Analyzed:	03/04/24	Data File:	030425.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	IJL

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	103	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	0.15
cis-1,2-Dichloroethene	3.6
Trichloroethene	40

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260D Dual Acquisition

Client Sample ID:	Method Blank	Client:	Floyd-Snider
Date Received:	Not Applicable	Project:	Cantera TOC, F&BI 402385
Date Extracted:	03/04/24	Lab ID:	04-0494 mb
Date Analyzed:	03/04/24	Data File:	030409.D
Matrix:	Water	Instrument:	GCMS11
Units:	ug/L (ppb)	Operator:	MD

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
1,2-Dichloroethane-d4	99	78	126
Toluene-d8	100	84	115
4-Bromofluorobenzene	100	72	130

Compounds:	Concentration ug/L (ppb)
Vinyl chloride	<0.02
cis-1,2-Dichloroethene	<1
Trichloroethene	<0.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/06/24

Date Received: 02/27/24

Project: Cantera TOC, F&BI 402385

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER
SAMPLES FOR VOLATILES BY EPA METHOD 8260D**

Laboratory Code: 402437-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent	Acceptance
				Recovery MS	Criteria
Vinyl chloride	ug/L (ppb)	10	<0.02	102	50-150
cis-1,2-Dichloroethene	ug/L (ppb)	10	<1	101	10-211
Trichloroethene	ug/L (ppb)	10	<0.5	100	35-149

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent	Percent	Acceptance Criteria	RPD (Limit 20)
			Recovery LCS	Recovery LCSD		
Vinyl chloride	ug/L (ppb)	10	103	99	64-142	4
cis-1,2-Dichloroethene	ug/L (ppb)	10	106	101	70-130	5
Trichloroethene	ug/L (ppb)	10	102	103	70-130	1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.
- c - The presence of the analyte may be due to carryover from previous sample injections.
- cf - The sample was centrifuged prior to analysis.
- d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.
- dv - Insufficient sample volume was available to achieve normal reporting limits.
- f - The sample was laboratory filtered prior to analysis.
- fb - The analyte was detected in the method blank.
- fc - The analyte is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.
- hs - Headspace was present in the container used for analysis.
- ht - The analysis was performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of control limits due to sample matrix effects.
- j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- k - The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.
- lc - The presence of the analyte is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.
- ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

402385

SAMPLE CHAIN OF CUSTODY

02/27/24

1 of 1

Report To: Kristin Anderson + Pamela Osterhout

Company: Floyd Snider

Address: 601 Union St, Suite 600

City, State, ZIP: Seattle, WA 98101

Phone: 206-212-2078 Email: _____

Page # _____ of _____

TURNAROUND TIME
 Standard turnaround
 RUSH
Rush charges authorized by: _____

SAMPLE DISPOSAL
 Archive samples
 Other
Default: Dispose after 30 days

SAMPLERS (signature)	<u>[Signature]</u>
PROJECT NAME	<u>Cantera TDC</u>
PO #	
REMARKS	<u>CVOCs include: TCE, cis-1,2-DCE and vinyl chloride</u>
Project specific RLS? - Yes / No	<u>Yes</u>
INVOICE TO	<u>Pioneer</u>

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED								Notes	
						NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	CVOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082			
<u>Gravity-022624</u>	<u>01 A</u>	<u>2/20/24</u>	<u>12:45</u>	<u>W</u>	<u>3</u>					<input checked="" type="checkbox"/>					<u>(NPD) 2/27/24 2 vials broke</u>
<u>Clear vault-022624</u>	<u>02 A/C</u>	<u>2/20/24</u>	<u>13:05</u>	<u>T</u>	<u>3</u>					<input checked="" type="checkbox"/>					
<u>INF VAULT-022624</u>	<u>03 A/C</u>	<u>2/20/24</u>	<u>13:55</u>	<u>T</u>	<u>3</u>					<input checked="" type="checkbox"/>					

SIGNATURE	<u>[Signature]</u>	PRINT NAME	<u>Pamela Gallaher</u>	COMPANY	<u>FIS</u>	DATE	<u>2/27/24</u>	TIME	<u>14:55</u>
Reinquished by:	<u>[Signature]</u>	PRINT NAME	<u>ANH PHAN</u>	COMPANY	<u>FIS</u>	DATE	<u>02/27/24</u>	TIME	<u>14:55</u>
Received by:	<u>[Signature]</u>	PRINT NAME		COMPANY		DATE		TIME	
Reinquished by:		PRINT NAME		COMPANY		DATE		TIME	
Received by:		PRINT NAME		COMPANY		DATE		TIME	

Friedman & Bruya, Inc.
Ph. (206) 285-8282