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## REMEDIAL EXCAVATION REPORT

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**Property:**

Ferndale High School  
5830 Golden Eagle Drive  
Ferndale, Washington

**Prepared for:**

Ferndale School District  
6041 Vista Drive, P.O. Box 698  
Ferndale, WA 98248  
Mark Deebach, Assistant Superintendent

**Report Date:**

April 24, 2023

# Remedial Excavation Report

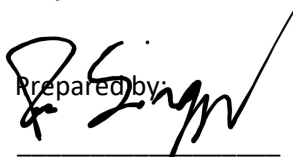
## Prepared for:

Ferndale School District  
6041 Vista Drive, P.O. Box 698  
Ferndale, Washington 98248

Ferndale High School  
5830 Golden Eagle Drive  
Ferndale, Washington

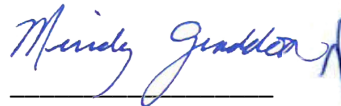
Project No.: 2000-054

Prepared by:


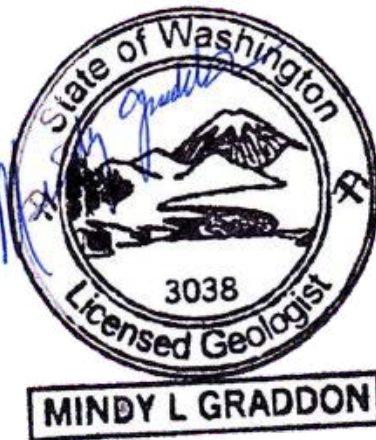


Darshen Singh  
Staff Geologist

Reviewed by:



Mindy Graddon, LG, PMP  
Associate Geologist



Soumeya Benzina  
Project Manager

April 24, 2023

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  - Friedman & Bruya, Inc. #302272*
  - Friedman & Bruya, Inc. #302365*

## ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
CGC	Cornerstone General Contractors of Bothell, Washington
CGI	Construction Group International of Woodinville, Washington
DRPH	diesel-range petroleum hydrocarbons
ECI	EcoCon, Inc. of Tacoma, Washington
EHSI	EHS-International, Inc.
EPA	US Environmental Protection Agency
MTCA	Washington State Model Toxics Control Act
NWTPH	Northwest Total Petroleum Hydrocarbons
ORPH	oil-range petroleum hydrocarbons
PCB	polychlorinated biphenyl
PID	photoionization detector
the Property	Ferndale High School located at 5830 Golden Eagle Drive in Ferndale, Washington

### 1.0 INTRODUCTION

EHS-International, Inc. (EHSI), a wholly owned subsidiary of SoundEarth Strategies, Inc., has prepared this report to document the results of the remedial excavation at Ferndale High School located at 5830 Golden Eagle Drive in Ferndale, Washington (the Property). The location of the Property is shown on Figure 1. The objective of the remedial excavation was to remove impacted material associated with the release of what was determined to be transformer fluid from transformer conduit lines located on the Property.

The Property consists of a single irregularly shaped tax parcel (Whatcom County Parcel No. 3902200752000000) that encompasses 56.21 acres of land. The Property is occupied by several Ferndale High School buildings, including buildings that are in the process of being demolished and buildings that are being constructed as part of Property improvement activities.

On February 17, 2023, an industrial hygienist from EHSI arrived at the Property to collect a sample of the transformer fluid that had been released from damaged transformer conduit lines during excavation activities performed by the general contractor, Cornerstone General Contractors of Bothell, Washington (CGC). One sample of transformer fluid was collected from a trench and analyzed for diesel- and oil-range petroleum hydrocarbons (DRPH and ORPH, respectively) by Northwest Total Petroleum Hydrocarbons (NWTPH) Method NWTPH-Dx and for polychlorinated biphenyls (PCBs) by US Environmental Protection Agency (EPA) Method 8082A.

- Analytical testing indicated that the transformer fluid sample contained DRPH (Table 1). Although ORPH was also detected, the laboratory flagged the ORPH detection because the results did not resemble the fuel standard used for quantitation. It is likely that the ORPH detection is the result of overlap from DRPH in the sample.
- PCBs were not detected in the transformer fluid sample (Table 2).

On February 23, 24, and 27, 2023, EcoCon, Inc. of Tacoma, Washington (ECI), mobilized to the Property to remove the contained transformer structure fluid, spilled transformer fluid, and accumulated water. The fluid was pumped into a vacuum truck and 1,500 gallons of fluid and accumulated water were disposed of on February 27, 2023, at the Marine Vacuum Service, Inc. facility located at 1516 South Graham Street in Seattle, Washington. Photographs of the excavation are included as Appendix A and waste disposal records are included as Appendix B.

### 2.0 REMEDIAL EXCAVATION

EHSI, in conjunction with excavators from Construction Group International of Woodinville, Washington (CGI), and CGC, completed the remedial excavation of residual impacted material on February 24 and February 27, 2023. Photographs are included in Appendix A.

#### 2.1 ADDITIONAL TRANSFORMER FLUID RELEASE

On February 24, 2023, EHSI and CGI inspected trenching that contained unpowered transformer conduit lines that had been damaged during excavation activities performed by CGC that resulted in transformer fluid being released to the nearby soil.

- EHSI visually identified the initial extent of the release and began to perform excavation activities in conjunction with CGI to remove impacted material from the surrounding soil. Soil was direct-loaded for transport.
- During excavation, another conduit was encountered and damaged, which resulted in a release of approximately 10 gallons of transformer fluid to the excavation area and impact to nearby soil.
- ECI responded on the day of the release and, along with a CGI environmental technician, vacuumed the transformer fluid and groundwater that infiltrated into the excavation. The fluid and groundwater was transported to the Marine Vacuum Service, Inc. facility at 1516 South Graham Street in Seattle, Washington for disposal on February 27, 2023 (Appendix B).
- Soil samples were not collected from the excavation or submitted for analysis on this day.

## **2.2 REMEDIAL EXCAVATION ACTIVITIES**

On February 27, 2023, EHSI and CGI returned to the Property to complete the remedial excavation activities.

- Damaged conduits within the excavation area were completely removed prior to resuming the excavation. Soil was direct-loaded for transport.
- Contaminated soil was excavated until visual observation and field screening indicated the extent of contamination had been reached.
- The following extents were measured and soil and groundwater conditions were observed within the remedial excavation:
  - The excavation area measured approximately 45 feet north to south, 18 feet east to west at its widest extent, and approximately 7 feet bgs at its maximum depth. The majority of the soil was excavated to a depth of 4 feet bgs; soil in a smaller area of the southern portion of the excavation that measured approximately 10 feet north to south and 7 feet east to west was excavated to a depth of 7 feet bgs.
  - Soils generally consisted of brown silty sand containing varying amounts of gravel underlain by gray clay. Excavated soils exhibited petroleum odors, and a hydrocarbon sheen was observed. Representative soil collected from the bottom and sidewalls of the excavation cavity was evaluated for impacts using visual and olfactory indications, a photoionization detector (PID), and sheen testing. Soil surrounding and underlying the damaged conduits leading into the transformer exhibited faint petroleum odors and low PID readings. Soil from the southern portion of the excavation exhibited strong petroleum odors and the highest PID reading of 240 parts per million was noted in this area.
  - Groundwater was encountered at a depth of approximately 5 feet during the excavation. No sheen was observed on groundwater within the excavation, and there were no indications of impacts to groundwater observed at the conclusion of the excavation.

## **2.3 SOIL SAMPLING AND RESULTS**

On February 27, 2023, 11 confirmation soil samples were collected at the extents of excavation (i.e., the excavation sidewalls and bottom): eight discrete sidewall samples and three discrete bottom samples. Confirmation soil samples were submitted to Friedman & Bruya, Inc. of Seattle, Washington, for laboratory analysis for DRPH and ORPH by Method NWTPH-Dx.



None of soil samples collected from the excavation bottom or sidewalls contained DRPH or ORPH at concentrations above the laboratory reporting limit.

A summary of excavation soil analytical results is included in Table 3 and laboratory analytical reports are included as Appendix C. Soil sample locations are illustrated on Figure 2. An example of the sample nomenclature used is EX01-SSW01-07, where:

- EX01 denotes that the sample was collected from the excavation area.
- SSW denotes the area and direction the sample was collected. In this example, it was taken from the southern sidewall.
- 01 denotes the number of samples collected from the same area and direction.
- 07 denotes the depth at which the sample was collected in feet bgs.

### **3.0 SOIL DISPOSAL**

Impacted material encountered during excavation activities was directly loaded into dump trucks and transported to Republic Services' contaminated soil transport facility in Ferndale, Washington and was ultimately disposed of at the Roosevelt Regional Landfill at 500 Roosevelt Grade Road in Roosevelt, Washington. A total of 168.06 tons of impacted material was removed from the Property (Appendix B).

### **4.0 REMEDIAL EXCAVATION ANALYTICAL RESULTS**

The laboratory analytical results confirm that the impacted soil has been removed from the Property; DRPH and ORPH were not detected in any of soil samples collected from the excavation bottom or sidewalls. The analytical results for the soil samples collected at the Property are provided in Table 3 and are also depicted on Figure 2. The laboratory analytical reports are included as Appendix C.

The remedial excavation area was not backfilled because a larger area was scheduled to be excavated to a similar depth as part of the ongoing construction activities at the Property. Current redevelopment plans for the area near the excavation include the installation of a stormwater retention system underneath a new asphalt parking lot equipped with integrated bioretention systems.

### **5.0 CONCLUSIONS AND RECOMMENDATIONS**

Confirmation soil samples collected from the final extents of the remedial excavation demonstrate that DRPH-impacted material associated with the transformer spill on the Property has been removed. Based on the laboratory analytical results of the confirmation samples, the remedial excavation has achieved full MTCA Method A compliance and no additional investigation or soil remediation is warranted or necessary.

EHSI acknowledges that a small quantity of transformer fluid was released and that groundwater was encountered during the course of the excavation activities. However, given the brief period of time that the fluid may have been in contact with groundwater, that approximately 1,500 gallons of fluid and accumulated water was removed from the excavation, and that sheen or other evidence of impacts to groundwater were absent at the conclusion of the excavation activities, groundwater is not suspected to be impacted by the small release of transformer fluid at the Property. The laboratory analytical data shows that the current conditions of the Property merit a No Further Action determination.

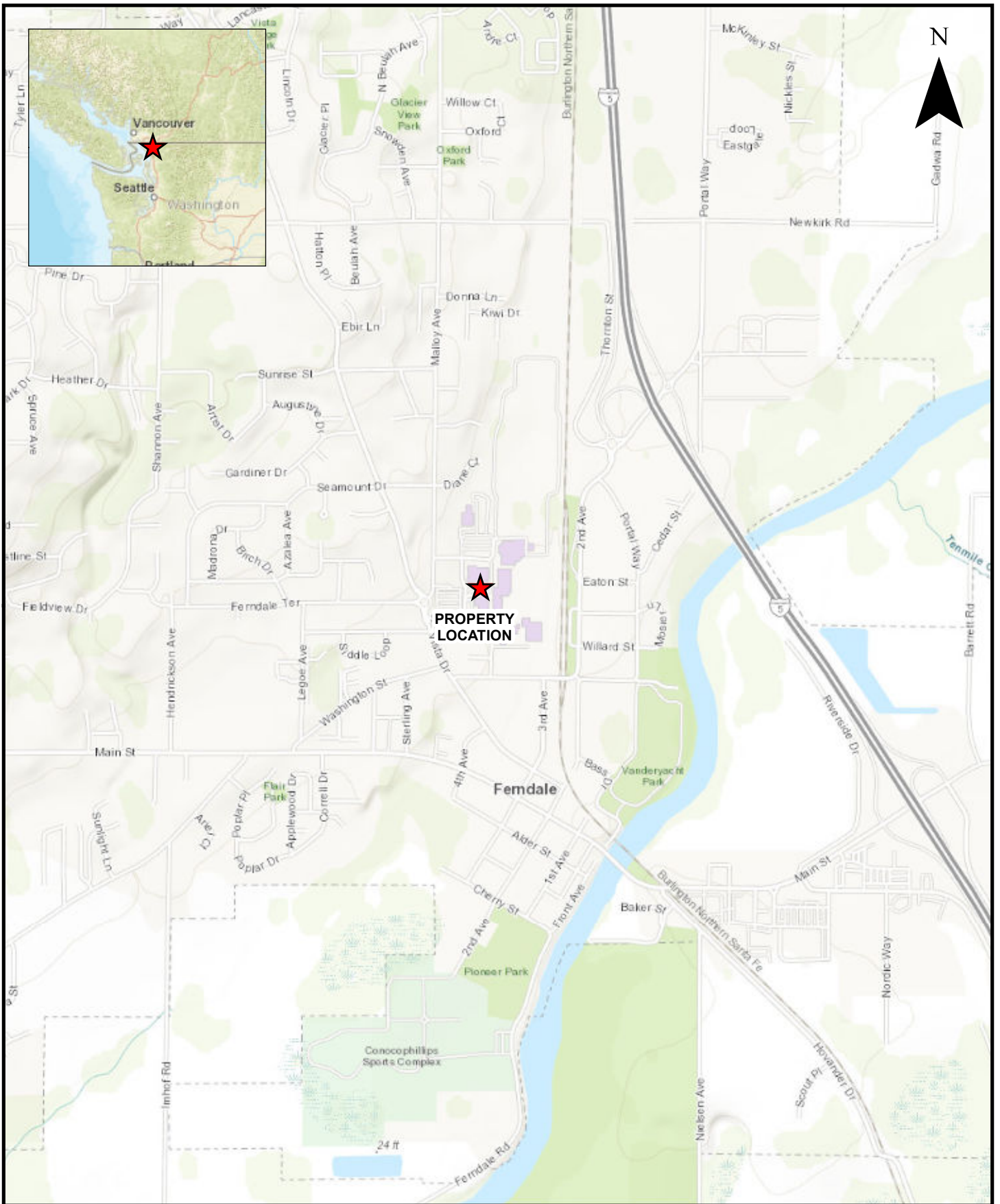
## **6.0 LIMITATIONS**

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with EHSI's agreement with the client. This report is solely for the use and information of the client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report are derived, in part, from data gathered by others, and from conditions evaluated when services were performed, and are intended only for the client, purposes, locations, time frames, and project parameters indicated. EHSI does not warrant and is not responsible for the accuracy or validity of work performed by others, nor from the impacts of changes in environmental standards, practices, or regulations subsequent to performance of services. EHSI does not warrant the use of segregated portions of this report.



## FIGURES



0 1,000 2,000  
SCALE IN FEET



FERNDAL HIGH SCHOOL  
5830 GOLDEN EAGLE DRIVE  
FERNDAL, WASHINGTON  
EHSI PROJECT #: 11299

PROPERTY LOCATION MAP

**FIGURE 1**

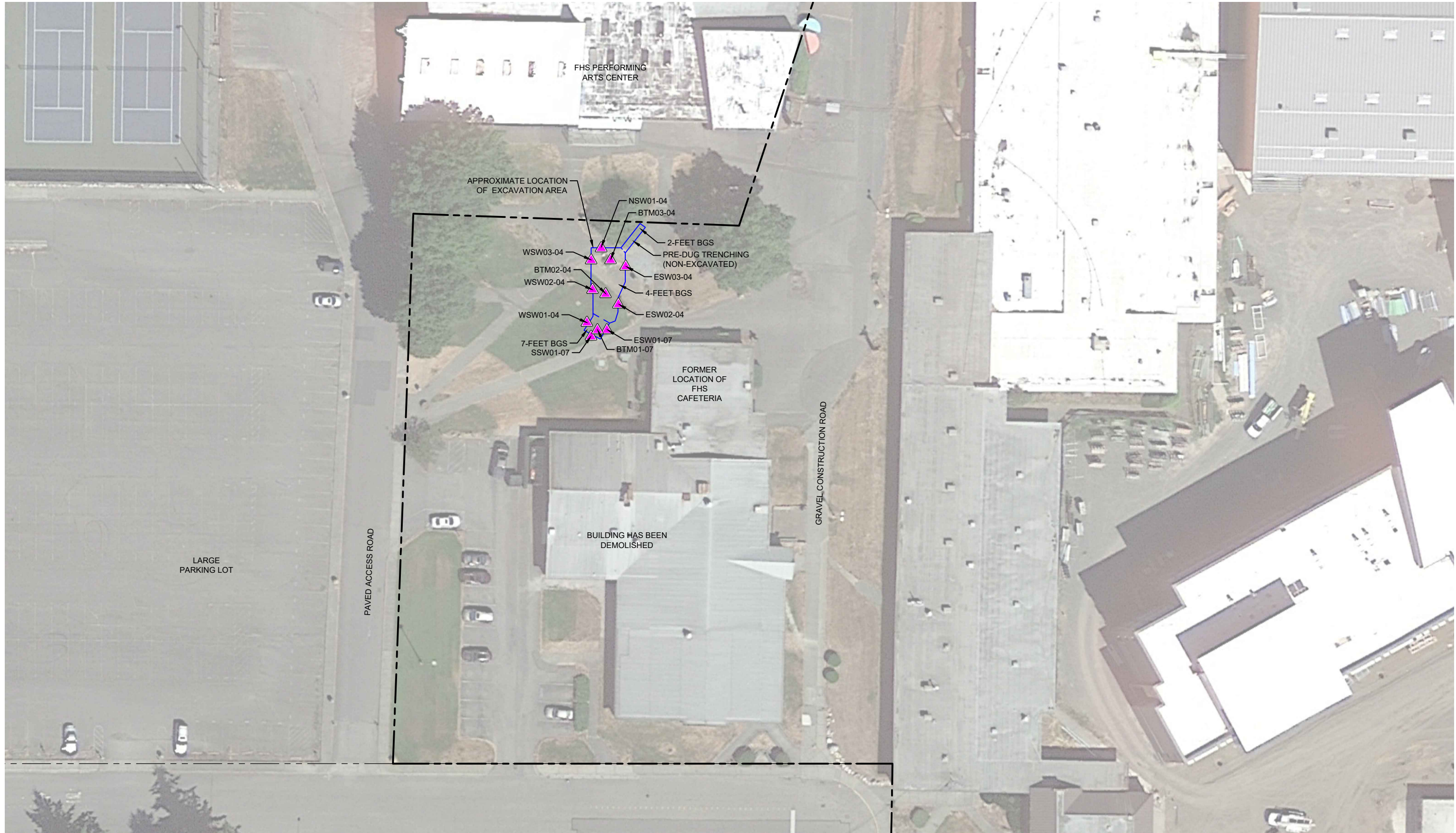
PROJECT MANAGER

S.BENZINA

DRAWN BY

S.ALBERTS



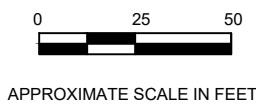


**LEGEND**

--- PROPERTY BOUNDARY  
--- PARCEL BOUNDARY  
--- APPROXIMATE LOCATION OF EXCAVATION  
▲ REMEDIAL EXCAVATION SOIL SAMPLE

**ABBREVIATIONS**

BGS BELOW GROUND SURFACE  
FHS FERNDAL HIGH SCHOOL



FERNDAL HIGH SCHOOL  
5830 GOLDEN EAGLE DRIVE  
FERNDAL, WASHINGTON  
EHSI PROJECT #: 11299

PROJECT MANAGER: S.BENZINA DRAWN BY: S.ALBERTS

REMEDIAL EXCAVATION AND SOIL  
SAMPLE LOCATIONS  
**FIGURE 2**

## TABLES

**Table 1**  
**Transformer Fluid Analytical Results for DRPH and ORPH**  
**Ferndale High School**  
**5830 Golden Eagle Drive**  
**Ferndale, Washington**

Sample ID	Location	Sampled By	Date Sampled	Analytical Results (milligrams per kilogram)	
				DRPH <sup>(1)</sup>	ORPH <sup>(1)</sup>
11299-21723-01	EX01	EHSI	02/17/23	990,000	71,000 <sup>x</sup>

NOTES:

Sample analyses conducted by Freidman & Bruya, Inc. of Seattle, Washington.

DRPH = diesel-range petroleum hydrocarbons

<sup>(1)</sup> Analyzed by Northwest Total Petroleum Hydrocarbon (NWTPH) Method NWTPH-Dx.

EHSI = EHS-International, Inc.

ORPH = oil-range petroleum hydrocarbons

Laboratory Notes:

<sup>x</sup> = The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



**Table 2**  
**Transformer Fluid Analytical Results for PCBs**  
**Ferndale High School**  
**5830 Golden Eagle Drive**  
**Ferndale, Washington**

Sample ID	Location	Date Sampled	Analytical Results <sup>(1)</sup> (milligrams per kilogram)									
			Aroclor 1221	Aroclor 1232	Aroclor 1016	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total Value <sup>(1)</sup>
11299-21723-01	EX01	02/17/23	<2	<2	<2	<2	<2	<2	<2	<2	<2	0

**NOTES:**

Sample analyses conducted by Freidman & Bruya, Inc. of Seattle, Washington.

<sup>(1)</sup>All nine PCB values are added. When analytical results are reported as less than the LRL, one-half of the LRL is used.

-- = not analyzed/not applicable

LRL = lower reporting limit

PCB = polychlorinated biphenyl



**Table 3**  
**Soil Analytical Results for DRPH and ORPH**  
**Ferndale High School**  
**5830 Golden Eagle Drive**  
**Ferndale, Washington**

Sample ID	Location	Sampled By	Date Sampled	Depth (feet bgs)	Analytical Results (milligrams per kilogram)	
					DRPH <sup>(1)</sup>	ORPH <sup>(1)</sup>
Ex01-SSW01-07	Southern sidewall	EHSI	02/27/23	7	<50	<250
Ex01-BTM01-07	Bottom of excavation	EHSI	02/27/23	7	<50	<250
Ex01-ESW01-07	Eastern sidewall	EHSI	02/27/23	7	<50	<250
Ex01-WSW01-07	Western sidewall	EHSI	02/27/23	7	<50	<250
Ex01-NSW01-04	Northern sidewall	EHSI	02/27/23	4	<50	<250
Ex01-WSW02-04	Western sidewall	EHSI	02/27/23	4	<50	<250
Ex01-WSW03-04	Western sidewall	EHSI	02/27/23	4	<50	<250
Ex01-ESW02-04	Eastern sidewall	EHSI	02/27/23	4	<50	<250
Ex01-ESW03-04	Eastern sidewall	EHSI	02/27/23	4	<50	<250
Ex01-BTM02-04	Bottom of excavation	EHSI	02/27/23	4	<50	<250
Ex01-BTM03-04	Bottom of excavation	EHSI	02/27/23	4	<50	<250
<b>MTCA Cleanup Level for Soil<sup>(2)</sup></b>					<b>2,000</b>	<b>2,000</b>

**NOTES:**

Sample analyses conducted by Freidman & Bruya, Inc. of Seattle, Washington.

<sup>(1)</sup>Analyzed by Method NWTPH-Dx.

<sup>(2)</sup>MTCA Cleanup Regulation, Chapter 173-340-900 of WAC, Table 740-1 Method A Cleanup Levels for Soil, Unrestricted Land Uses, revised November 2007.

bgs = below ground surface

EHSI = EHS-International, Inc.

DRPH = diesel-range petroleum hydrocarbons

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbons

ORPH = oil-range petroleum hydrocarbons

WAC = Washington Administrative Code



**APPENDIX A**  
**PROPERTY PHOTOGRAPHS**



**PROPERTY PHOTOGRAPHS**

Ferndale High School  
5830 Golden Eagle Drive  
Ferndale, Washington

Project No.: 2000-054-02  
Date: April 7, 2023  
Drawn By: DJS  
Checked By: MLG



Photograph 1. Initial trench prior to remedial excavation activities.



Photograph 2. Conduit extruding from the surface soil layer at the former location of the transformer.



**PROPERTY PHOTOGRAPHS**

Ferndale High School  
5830 Golden Eagle Drive  
Ferndale, Washington

Project No.: 2000-054-02  
Date: April 7, 2023  
Drawn By: DJS  
Checked By: MLG



Photograph 3. Southern extent of excavation at a depth of 7 feet below ground surface (bgs), filled with groundwater at a depth of 5 feet bgs. No sheen observed.



Photograph 4. Extent of the majority of the excavation at a depth of 4 feet bgs.



**APPENDIX B**  
**DISPOSAL TICKETS**

REGIONAL DISPOSAL COMPANY - 4178  
PO BOX 677839  
DALLAS, TX 75267-7839  
(206) 332-7768

# INVOICE

TO:

Construction Group International  
19407 144th Ave NE  
Bldg D  
Woodinville, WA 98072-8521  
5830 Golden Eagle

INVOICE NO. 0000165791  
PAGE 1  
DATE Mar-15-23  
CUSTOMER NO. 15590  
SITE NO. TB-2594  
REFERENCE NO.

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
		Vehicle: 1454 ,TRLU900285			
02 - Mar	66	Cont Soil	\$75.00 21-4263249	4.27 TN	\$320.25
02 - Mar	66	Cont Soil	\$75.00 21-4263249	25.00 TN	\$1,875.00
		Ticket: 304817			
		Vehicle: 2234,TOLU440437			
02 - Mar	66	Cont Soil	\$75.00 21-4263250	0.81 TN	\$60.75
02 - Mar	66	Cont Soil	\$75.00 21-4263250	25.00 TN	\$1,875.00
		Ticket: 304815			
		Vehicle: 5227,RBSU200381			
02 - Mar	66	Cont Soil	Min 21-4263251	24.96 TN	\$1,875.00
		Ticket: 304812			
		Vehicle: 1565 ,TRLU900884			
02 - Mar	66	Cont Soil	\$75.00 21-4263252	13.39 TN	\$1,004.25
02 - Mar	66	Cont Soil	\$75.00 21-4263252	25.00 TN	\$1,875.00
		Ticket: 304816			
		Vehicle: 5833 ,TOLU458298			
04 - Mar	66	Cont Soil	\$75.00 21-4263253	10.45 TN	\$783.75
04 - Mar	66	Cont Soil	\$75.00 21-4263253	25.00 TN	\$1,875.00
		Ticket: 304818			
		Vehicle: 2234,GCEU431710			

## Account Status

Payment due upon receipt of this invoice. If 15% per month (18% per annum) late charge on balances over 30 days from date of invoice.  
Payments received after invoice date are not reflected.  
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT 31 - 60 DAYS 61 - 90 DAYS OVER 90 DAYS

TOTAL  
THIS INVOICE

PLEASE PAY THIS  
AMOUNT

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.  
PAGE  
DATE  
CUSTOMER NO.  
SITE NO.  
REFERENCE NO.  
REMARKS

AMOUNT OF  
REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

REGIONAL DISPOSAL COMPANY - 4178  
PO BOX 677839  
DALLAS, TX 75267-7839  
(206) 332-7768

# INVOICE

TO:

Construction Group International  
19407 144th Ave NE  
Bldg D  
Woodinville, WA 98072-8521  
5830 Golden Eagle

INVOICE NO. 0000165791  
PAGE 2  
DATE Mar-15-23  
CUSTOMER NO. 15590  
SITE NO. TB-2594  
REFERENCE NO.

SERVICE DATE	CODE	DESCRIPTION	REFERENCE	QTY.	AMOUNT
04 - Mar	66	Cont Soil	Min 21-4263254	14.18 TN	\$1,875.00
Ticket: 304819					
Material Summary					
	66	Cont Soil		168.06 TN	

Vendor Code regdi's  
Job# 021101 Name Removal  
Type Code 041 Phase/Cost 07007  
GL# 5400 WA NV MO  
DA

## Account Status

Payment due upon receipt of this invoice. 1.5% per month (18% per annum) late charge on balances over 60 days from date of invoice.  
Payments received after invoice date are not reflected.  
To ensure proper credit, please include your account number on your check and include the bottom portion of this invoice. When making payment on multiple accounts, please include the account numbers and the amounts of payment.

CURRENT	31 - 60 DAYS	61 - 90 DAYS	OVER 90 DAYS
\$190,560.25	\$40,661.96	\$0.00	\$0.00

We reserve the right to suspend service without notice on any past due account.

Please remit to:

INVOICE NO.  
PAGE  
DATE  
CUSTOMER NO.  
SITE NO.  
REFERENCE NO.  
REMARKS

0000165791  
2  
Mar-15-23  
15590

REGIONAL DISPOSAL COMPANY - 4178  
PO BOX 677839  
DALLAS, TX 75267-7839  
(206) 332-7768

AMOUNT OF  
REMITTANCE

PLEASE RETURN THIS PORTION WITH REMITTANCE

\*\*\* Please reference your invoice number on each check stub \*\*\*  
For Billing Inquiries: 206-332-7768 email: SSiev@republicservices.com

Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263249

304817

015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

Denise B.

3/2/23 1:40 pm

3/2/23 1:59 pm

1454

TRLU900285

Contract:TB-2594

BNSF230098

Scale In GROSS WEIGHT	106,060	NET TONS	29.27
Scale Out TARE WEIGHT	47,520	NET WEIGHT	58,540

INBOUND  
INVOICE

28.00	YD	Tracking QTY
29.27	tn	Cont Soil

Origin:Ferndale 100%

CHANGE:

CHECK :

Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263250

304815

015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

Denise B.

3/2/23 1:40 pm

3/2/23 2:02 pm

2234

TOLU440437

Contract:TB-2594

BNSF230098

Scale In GROSS WEIGHT	99,940	NET TONS	25.81
Scale Out TARE WEIGHT	48,320	NET WEIGHT	51,620

INBOUND  
INVOICE

28.00	YD	Tracking QTY
25.81	tn	Cont Soil

Origin:Ferndale 100%

CHANGE:

CHECK :



Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263251

304812

Denise B.

'015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

3/2/23 2:20 pm

3/2/23 2:48 pm

5227

RBSU200381

Contract:TB-2594

DTTX427975

Scale In GROSS WEIGHT 98,080 NET TONS 24.96  
Scale Out TARE WEIGHT 48,160 NET WEIGHT 49,920

INBOUND  
INVOICE

28.00 YD Tracking QTY

24.96 tn Cont Soil

Origin:Ferndale 100%

Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263252

304816

Denise B.

015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

3/2/23 2:24 pm

3/2/23 2:53 pm

1565

TRLU900884

Contract:TB-2594

DTTX427975

Scale In GROSS WEIGHT 124,700 NET TONS 38.39  
Scale Out TARE WEIGHT 47,920 NET WEIGHT 76,780

INBOUND  
INVOICE

28.00 YD Tracking QTY

38.39 tn Cont Soil

Origin:Ferndale 100%

Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263253

304818

015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

Denise B.

3/4/23 7:12 am  
5833

3/4/23 7:33 am  
TOLU458298

Contract:TB-2594

BNSF231028

Scale In GROSS WEIGHT	118,220	NET TONS	35.45
Scale Out TARE WEIGHT	47,320	NET WEIGHT	70,900

INBOUND  
INVOICE

33.57 YD Tracking QTY  
35.45 tn Cont Soil

Origin:Ferndale 100%

CHANGE:

CHECK :

Ferndale/Bellingham 20 or 40 - 48 foot --  
WA ROOSEVELT , WA

21

4263254

304819

015590 - Construction Group  
International  
19407 144th Ave NE  
Bldg D

Denise B.

3/4/23 7:35 am  
2234

3/4/23 7:58 am  
GCEU431710

Contract:TB-2594

BNSF231028

Scale In GROSS WEIGHT	75,180	NET TONS	14.18
Scale Out TARE WEIGHT	46,820	NET WEIGHT	28,360

INBOUND  
INVOICE

14.21 YD Tracking QTY  
14.18 tn Cont Soil

Origin:Ferndale 100%

CHANGE:

CHECK :

**MARINE VACUUM SERVICE, INC.**P. O. BOX 24263  
SEATTLE, WA 98124Email: AR@MARINEVACUUM.COM  
Phone # 206-762-0240  
Fax # 206-763-8084**INVOICE**

Date	Invoice #
3/16/2023	79941

**Bill To**CONSTRUCTION GROUP INTL. LLC.  
19407 144TH AVE NE  
BLDG D  
WOODINVILLE, WA 98072**Job Description / Site address**DISPOSAL @ MARVAC BY ECOCON  
BOL 32825

P.O. No.

Terms

Net 30

Quantity	U/M	Description	Rate	Amount
1,500	GAL	2/27/2023***** DISPOSAL @ MARVAC WASTE WATER - BOL 32825, 32829	0.37	0.00 555.00
<div>Vendor Code <u>MVS</u> Job# <u>01101</u> Name <u>Turndate</u> Type Code <u>Sub</u> Phase/Cost <u>02001</u> GL# <u>5030</u> WA NV MO <u>MA</u></div>				
Due Date	4/15/2023	Please remit payment for this invoice by the Due Date. An initial \$25.00 late fee (on each invoice) and a finance charge of 1.5% monthly or 18% annually will be assessed for all late payments. Customer assumes all late charges and reasonable cost of attorney fees in event of collection.	Subtotal	\$555.00
			Sales Tax (0.0%)	\$0.00
			Payments/Credits	\$0.00
			<b>Balance Due</b>	<b>\$555.00</b>

BILL OF LADING  
PRODUCT TRANSPORT MANIFEST  
MARINE VACUUM SERVICE, INC.  
24 HOUR EMERGENCY PHONE NUMBER (206) 762-0240  
FAX NUMBER 206-763-8084  
TRUCK NUMBER \_\_\_\_\_ DATE 2-27-2023

Nº 32825

1

BILL TO: CONSTRUCTION

TO  
DESTINATION  
NAME Marine Vacuum Service, Inc.  
STREET 1516 South Graham Street  
CITY/STATE Seattle, WA 98108

FROM  
SHIPPER  
NAME ECO CON / CGI GROUP INTL  
STREET 5830 GOLDEN EAGLE DR  
CITY/STATE FERNDALE, WA

QUANTITY	PROPER SHIPPING NAME	UN (PLACARD) NUMBER
<u>600 gal</u>	<u>Waste Water</u>	

RECEIVER	SLUDGE	SHIPPER	DATE
<u>NVS: [Signature]</u>	<u>DATE 2/27/23</u>	<u>[Signature]</u>	<u>2/27/23</u>

NOTE: \*Bill direct to CGI acc.

Customer warrants that the waste petroleum products being transferred by the above collector do not contain any contaminants including without limitations, pesticides, chlorinated solvents at concentrations greater than 1000 PPM, any detectable levels of PCBs, or any other material classified as dangerous or hazardous waste by 40 CFR Part 261, Subpart C and D (implementing the Federal Resource Conservation and Recover Act), or by any equivalent state dangerous or hazardous substance classification programs. Should laboratory tests find this waste not in compliance with 40 CFR Part 261, customer (generator) agrees to pay for all disposal costs incurred.

BILL OF LADING  
PRODUCT TRANSPORT MANIFEST  
MARINE VACUUM SERVICE, INC.  
24 HOUR EMERGENCY PHONE NUMBER (206) 762-0240  
FAX NUMBER 206-763-8084  
TRUCK NUMBER \_\_\_\_\_ DATE 2-27-2023

Nº 32829

2

BILL TO CGI

CONSTRUCTION GROUP INTERNATIONAL

TO  
DESTINATION  
NAME Marine Vacuum Service, Inc.  
STREET 1516 South Graham Street  
CITY/STATE Seattle, WA 98108

FROM  
SHIPPER  
NAME ECOLON / CGI  
STREET 5830 GOLDEN EAGLE DR  
CITY/STATE PERNDAL, WA

QUANTITY	PROPER SHIPPING NAME	UN (PLACARD) NUMBER
<u>900 GAL</u>	<u>WASTE WATER</u>	

RECEIVER <u>U.S.</u>	SLUDGE DATE <u>2/27/23</u>	SHIPPER <u>[Signature]</u>	DATE <u>2/27/23</u>
-------------------------	-------------------------------	-------------------------------	------------------------

NOTE:

\* BILL TO CGI ACC.

Customer warrants that the waste petroleum products being transferred by the above collector do not contain any contaminants including without limitations, pesticides, chlorinated solvents at concentrations greater than 1000 PPM, any detectable levels of PCBs, or any other material classified as dangerous or hazardous waste by 40 CFR Part 261, Subpart C and D (implementing the Federal Resource Conservation and Recover Act), or by any equivalent state dangerous or hazardous substance classification programs. Should laboratory tests find this waste not in compliance with 40 CFR Part 261, customer (generator) agrees to pay for all disposal costs incurred.

**APPENDIX C**  
**LABORATORY ANALYTICAL REPORTS**

***Friedman & Bruya, Inc. #302272***



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 Avenue South  
Seattle, WA 98108  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

February 22, 2023

Soumeya Benzina, Project Manager  
EHSI  
1011 SW Klickitat Way, Suite 104  
Seattle, WA 98134

Dear Ms Benzina:

Included are the results from the testing of material submitted on February 17, 2023 from the 11299, F&BI 302272 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: EHSI A/P, soumeyab@ehsintl.com, dimitril@ehsintl.com  
EHS0222R.DOC

FRIEDMAN & BRUYA, INC.

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ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 17, 2023 by Friedman & Bruya, Inc. from the EHSI 11299, F&BI 302272 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID

302272 -01

EHSI

11299-21723-01

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/22/23  
Date Received: 02/17/23  
Project: 11299, F&BI 302272  
Date Extracted: 02/21/23  
Date Analyzed: 02/21/23

**RESULTS FROM THE ANALYSIS OF SOIL/PRODUCT SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-D<sub>x</sub>**

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C <sub>10</sub> -C <sub>25</sub> )	(C <sub>25</sub> -C <sub>36</sub> )	(% Recovery)
			(Limit 50-150)
11299-21723-01	990,000	71,000 x	ip
302272-01 1/10			
Method Blank	<50	<250	85
03-446 MB2			

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For PCBs By EPA Method 8082A

Client Sample ID:	11299-21723-01	Client:	EHSI
Date Received:	02/17/23	Project:	11299, F&BI 302272
Date Extracted:	02/21/23	Lab ID:	302272-01
Date Analyzed:	02/21/23	Data File:	022105.D
Matrix:	Product	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Tetrachlorometaxylene	74	29	120
Decachlorobiphenyl	102	11	152

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<2
Aroclor 1232	<2
Aroclor 1016	<2
Aroclor 1242	<2
Aroclor 1248	<2
Aroclor 1254	<2
Aroclor 1260	<2
Aroclor 1262	<2
Aroclor 1268	<2

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For PCBs By EPA Method 8082A

Client Sample ID:	Method Blank	Client:	EHSI
Date Received:	Not Applicable	Project:	11299, F&BI 302272
Date Extracted:	02/21/23	Lab ID:	03-449 mb
Date Analyzed:	02/21/23	Data File:	022104.D
Matrix:	Product	Instrument:	GC7
Units:	mg/kg (ppm)	Operator:	MG

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Tetrachlorometaxylene	93	29	120
Decachlorobiphenyl	101	11	152

Compounds:	Concentration mg/kg (ppm)
Aroclor 1221	<2
Aroclor 1232	<2
Aroclor 1016	<2
Aroclor 1242	<2
Aroclor 1248	<2
Aroclor 1254	<2
Aroclor 1260	<2
Aroclor 1262	<2
Aroclor 1268	<2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/22/23

Date Received: 02/17/23

Project: 11299, F&BI 302272

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-D<sub>x</sub>**

Laboratory Code: 302277-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	102	70-130	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	104	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/22/23

Date Received: 02/17/23

Project: 11299, F&BI 302272

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF PRODUCT SAMPLES FOR  
POLYCHLORINATED BIPHENYLS AS  
AROCOR 1016/1260 BY EPA METHOD 8082A**

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	25	98	109	69-137	11
Aroclor 1260	mg/kg (ppm)	25	101	113	78-148	11



# 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 high; 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.

302272

## SAMPLE CHAIN OF CUSTODY

02/17/23

P2

Report To Samega BenziCompany EHSIAddress 1011 sw Klickitat wayCity, State, ZIP Seattle, WA 98134Phone 206-381-1128 Email samegab@ehsintl.com

SAMPLERS (signature)

PROJECT NAME

11299

PO #

REMARKS

INVOICE TO

EHSI

Project specific RLs? - Yes / No

Page # 1 of 1

## TURNAROUND TIME

☐ Standard turnaround  
☒ RUSH 1 Day  
 Rush charges authorized by:

## SAMPLE DISPOSAL

☐ Archive samples  
☐ Other \_\_\_\_\_  
 Default: Dispose after 30 days

dimitri@ehsintl.com

## ANALYSES REQUESTED

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	NWTPH-HCID	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082					Notes
11299-21723-01	01A-C	2/17/23	1350	Wt Prod.	3	X						X					

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Dimitri Benzi</u>	<u>Dimitri Benzi</u>	<u>EHSI</u>	<u>2/17/23</u>	<u>1742</u>
Received by: <u>Andre Lagron</u>	<u>Andre Lagron</u>	<u>FBI</u>	<u>2/17/23</u>	<u>1742</u>
Relinquished by:	Samples received at <u>13</u> °C			
Received by:				

***Friedman & Bruya, Inc. #302365***

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 Avenue South  
Seattle, WA 98108  
(206) 285-8282  
fbi@isomedia.com  
www.friedmanandbruya.com

March 2, 2023

Mindy Graddon, Project Manager  
EHSI  
1011 SW Klickitat Way, Suite 212  
Seattle, WA 98134

Dear Ms Graddon:

Included are the results from the testing of material submitted on February 28, 2023 from the Ferndale HS Demo 11299, F&BI 302365 project. There are 4 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: EHSI A/P, Soumeya Berzina SoumeyaB@EHSINTL.com  
EHS0302R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 28, 2023 by Friedman & Bruya, Inc. from the EHSI Ferndale HS Demo 11299, F&BI 302365 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>EHSI</u>
302365 -01	Ex01-SSW01-07
302365 -02	Ex01-BTM01-07
302365 -03	Ex01-ESW01-07
302365 -04	Ex01-WSW01-07
302365 -05	Ex01-NSW01-04
302365 -06	Ex01-WSW02-04
302365 -07	Ex01-WSW03-04
302365 -08	Ex01-ESW02-04
302365 -09	Ex01-ESW03-04
302365 -10	Ex01-BTM02-04
302365 -11	Ex01-BTM03-04

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/02/23

Date Received: 02/28/23

Project: Ferndale HS Demo 11299, F&BI 302365

Date Extracted: 02/28/23

Date Analyzed: 02/28/23

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL AND MOTOR OIL  
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C <sub>10</sub> -C <sub>25</sub> )	<u>Motor Oil Range</u> (C <sub>25</sub> -C <sub>36</sub> )	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Ex01-SSW01-07 302365-01	<50	<250	110
Ex01-BTM01-07 302365-02	<50	<250	103
Ex01-ESW01-07 302365-03	<50	<250	99
Ex01-WSW01-07 302365-04	<50	<250	103
Ex01-NSW01-04 302365-05	<50	<250	103
Ex01-WSW02-04 302365-06	<50	<250	103
Ex01-WSW03-04 302365-07	<50	<250	103
Ex01-ESW02-04 302365-08	<50	<250	102
Ex01-ESW03-04 302365-09	<50	<250	103
Ex01-BTM02-04 302365-10	<50	<250	103
Ex01-BTM03-04 302365-11	<50	<250	103
Method Blank 03-500 MB	<50	<250	102

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 03/02/23

Date Received: 02/28/23

Project: Ferndale HS Demo 11299, F&BI 302365

**QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES  
FOR TOTAL PETROLEUM HYDROCARBONS AS  
DIESEL EXTENDED USING METHOD NWTPH-D<sub>x</sub>**

Laboratory Code: 302365-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	108	106	70-130	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	70-130

# 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 high; 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.



302365 (SoumeyaB@EHSINTL.com) **SAMPLE CHAIN OF CUSTODY** 02/28/23  
 Send Report to Soumeya Benzina, Mindy Graddon

Company EHSI  
 Address 1011 SW Klickitat Way, Suite 212  
 City, State, ZIP Seattle, WA 98134  
 Phone # 206-963-2579 Fax # —

SAMPLERS (signature) <u>Varshen Singh</u>	
PROJECT NAME/NO. <u>Fernside High School Demolition</u>	PO # <u>11299</u>
REMARKS	

E3 Page # 1 of 2

TURNAROUND TIME Standard (2 Weeks) <u>RUSH 24 hour</u> Rush charges authorized by: <u>Mindy Graddon</u>
SAMPLE DISPOSAL <u>Dispose after 30 days</u> Return samples Will call with instructions

Sample ID	Sample Location	Sample Depth (ft)	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOCs by 8260	SVOCs by 8270			
EX01-SSW01-07	SSW	7	01	02/27/23	1025	Soil	1	X							
EX01-BTM01-07	BTM	7	02		1030			X							
EX01-ESW01-07	ESW	7	03		1035			X							
EX01-WSW01-07	WSW	7	04		1040			X							
EX01-NSW01-04	NSW	4	05		1415			X							
EX01-WSW02-04	WSW	4	06		1420			X							
EX01-WSW03-04	WSW	4	07		1425			X							
EX01-ESW02-04	ESW	4	08		1430			X							
EX01-ESW03-04	ESW	4	09		1435			X							
EX01-BTM02-04	BTM	4	10		1440			X							

Samples received at 4 °C

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

SIGNATURE		PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	<u>Varshen Singh</u>	<u>Varshen Singh</u>	<u>EHSI</u>	<u>02/28/23</u>	<u>10:41</u>
Received by:	<u>Paul</u>	<u>AN H PHAN</u>	<u>F86</u>	<u>02/28/23</u>	<u>10:41</u>
Relinquished by:					
Received by:					

302365  
Send report to Sommayer Benzina, Mindy Graddon  
Company EHST  
Address 1011 SW Klickitat Way, Suite 212  
City, State, ZIP Seattle, WA 98134  
Phone# 206-963-2579 Fax# —

## SAMPLE CHAIN OF CUSTODY

02/28/23

E3

Page # 2 of 2

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO.

PO #

Fernde HS Demolition

11299

REMARKS

## TURNAROUND TIME

~~Standard~~ (2 Weeks)

RUSH

Rush charges authorized by:

Mindy Gaddis

## SAMPLE DISPOSAL

Dispose after 30 days

## Return samples

Will call with instructions



[illegible]

*Friedman & Bruya, Inc.*  
*3012 16th Avenue West*  
*Seattle, WA 98119-2029*

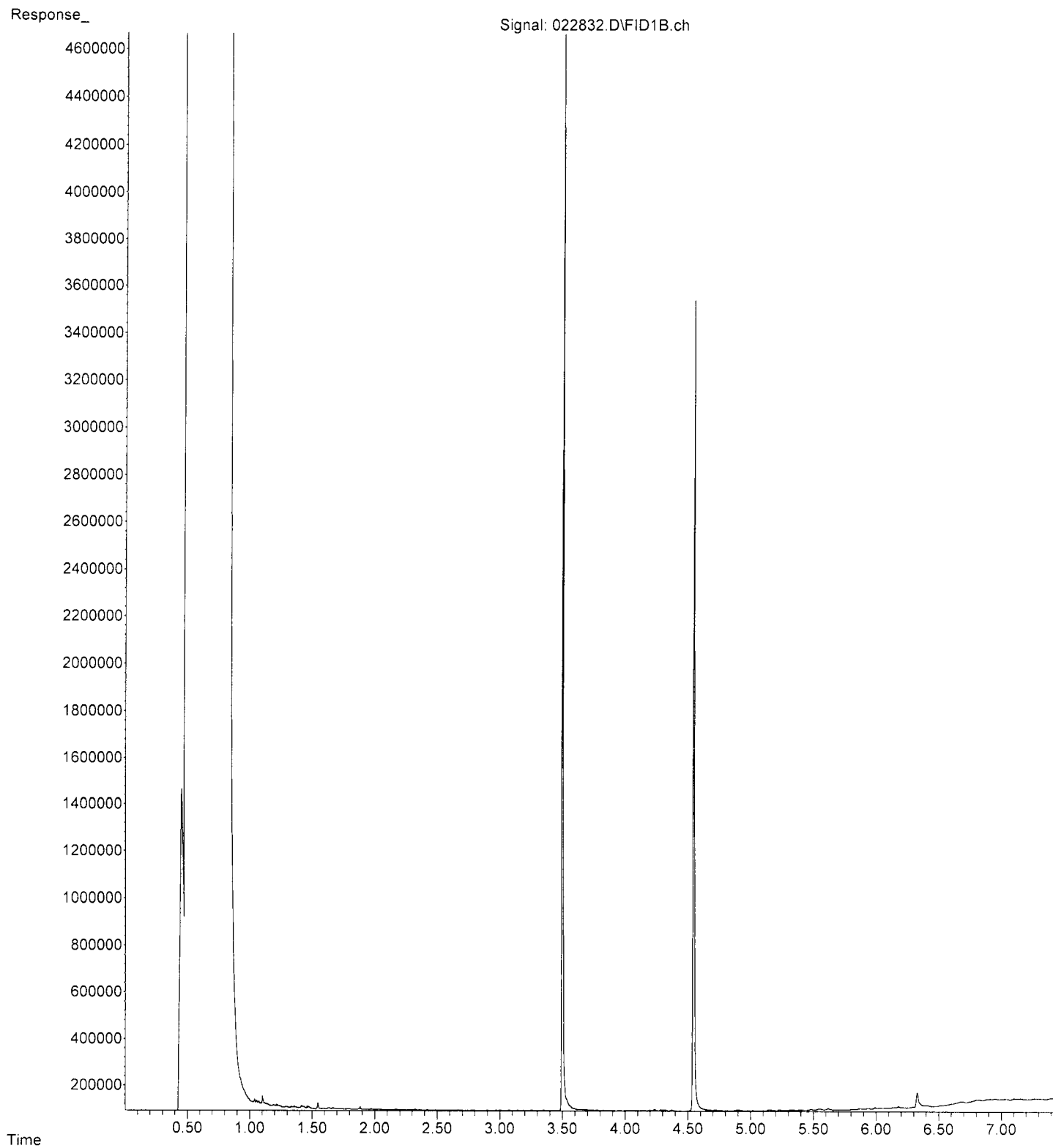
*Ph. (206) 285-8282*

***Fax (206) 283-5044***

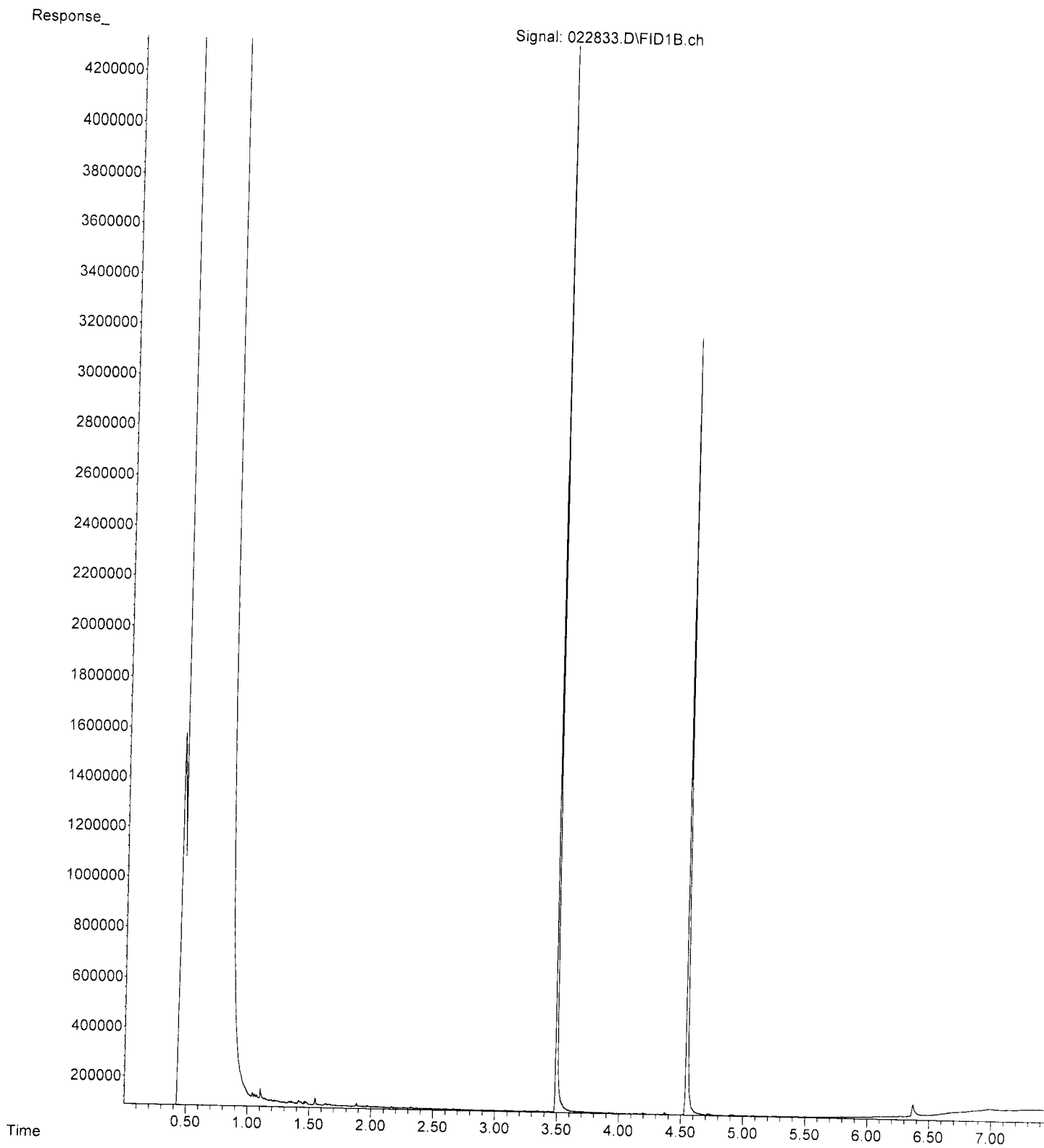
FORMS\COC\COC.DOC

SIGNATURE		PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Darshan Singh	EHSE	02/28/23	1041
Received by:		ANH PHAN	FBI	02/28/23	10:41
Relinquished by:					
Received by:					

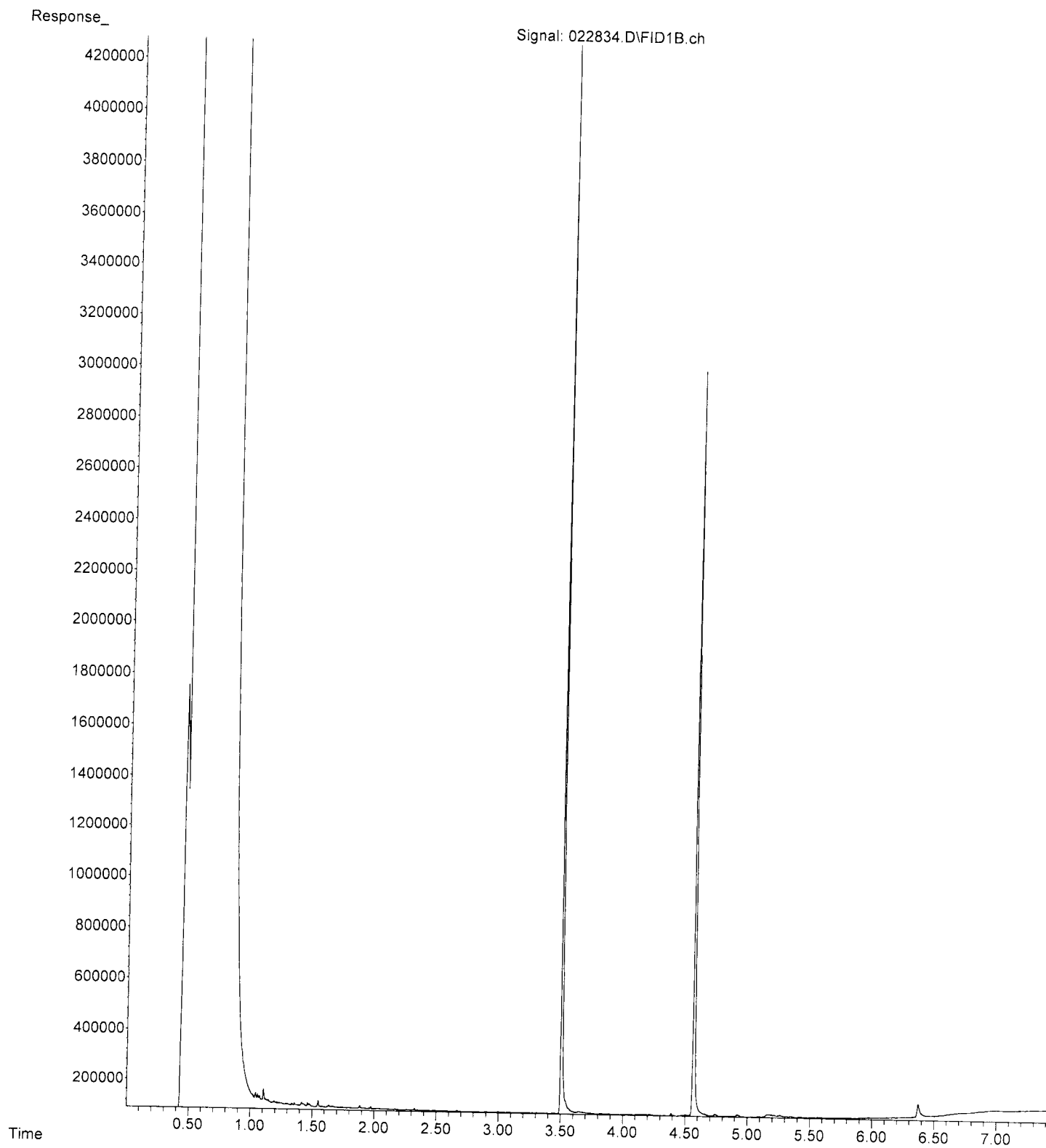
File :P:\Proc\_GC10\02-28-23\022832.D  
Operator : TL  
Acquired : 28 Feb 2023 05:28 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-01  
Misc Info :  
Vial Number: 24



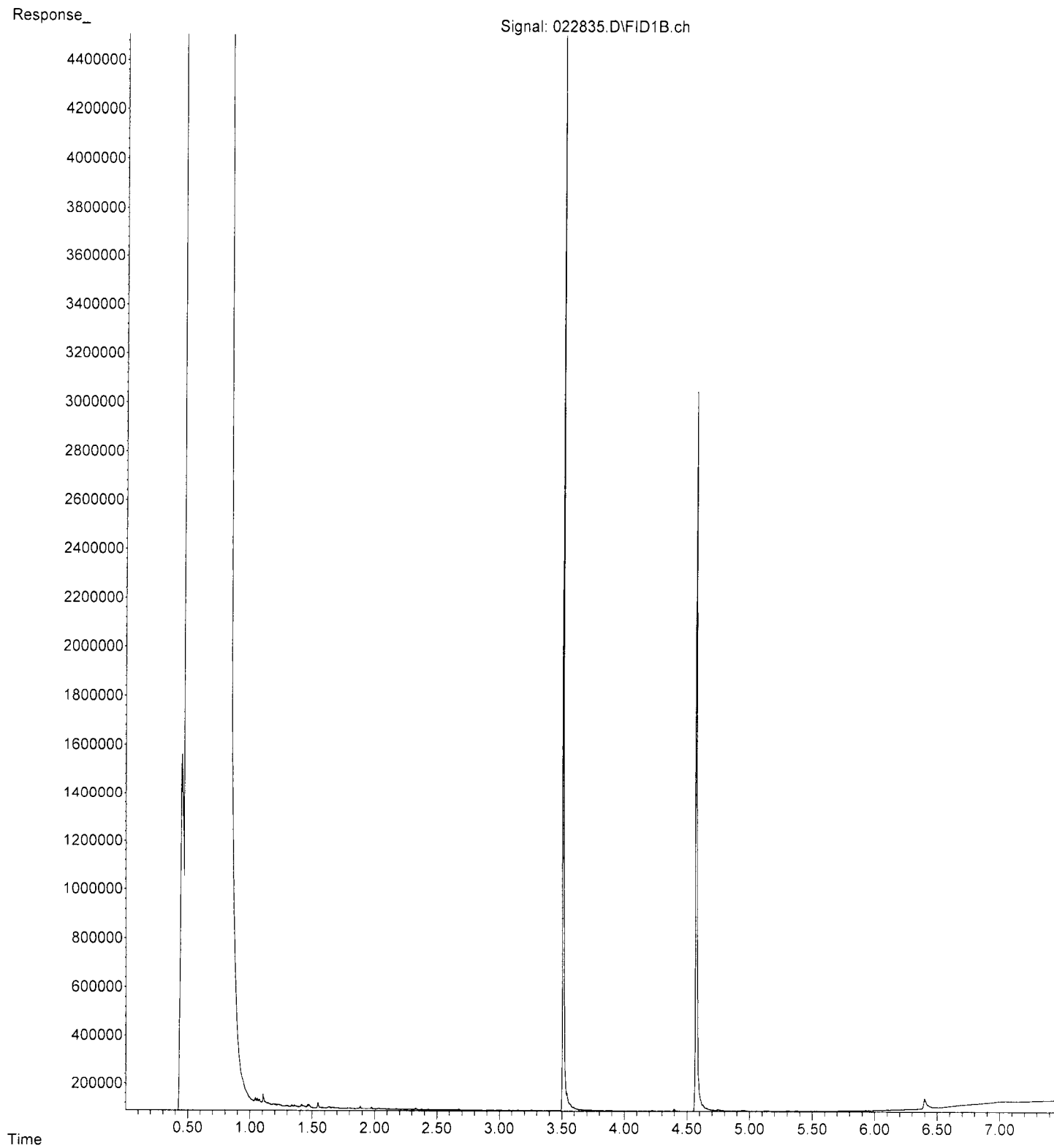
File : P:\Proc\_GC10\02-28-23\022833.D  
Operator : TL  
Acquired : 28 Feb 2023 05:40 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-02  
Misc Info :  
Vial Number: 25



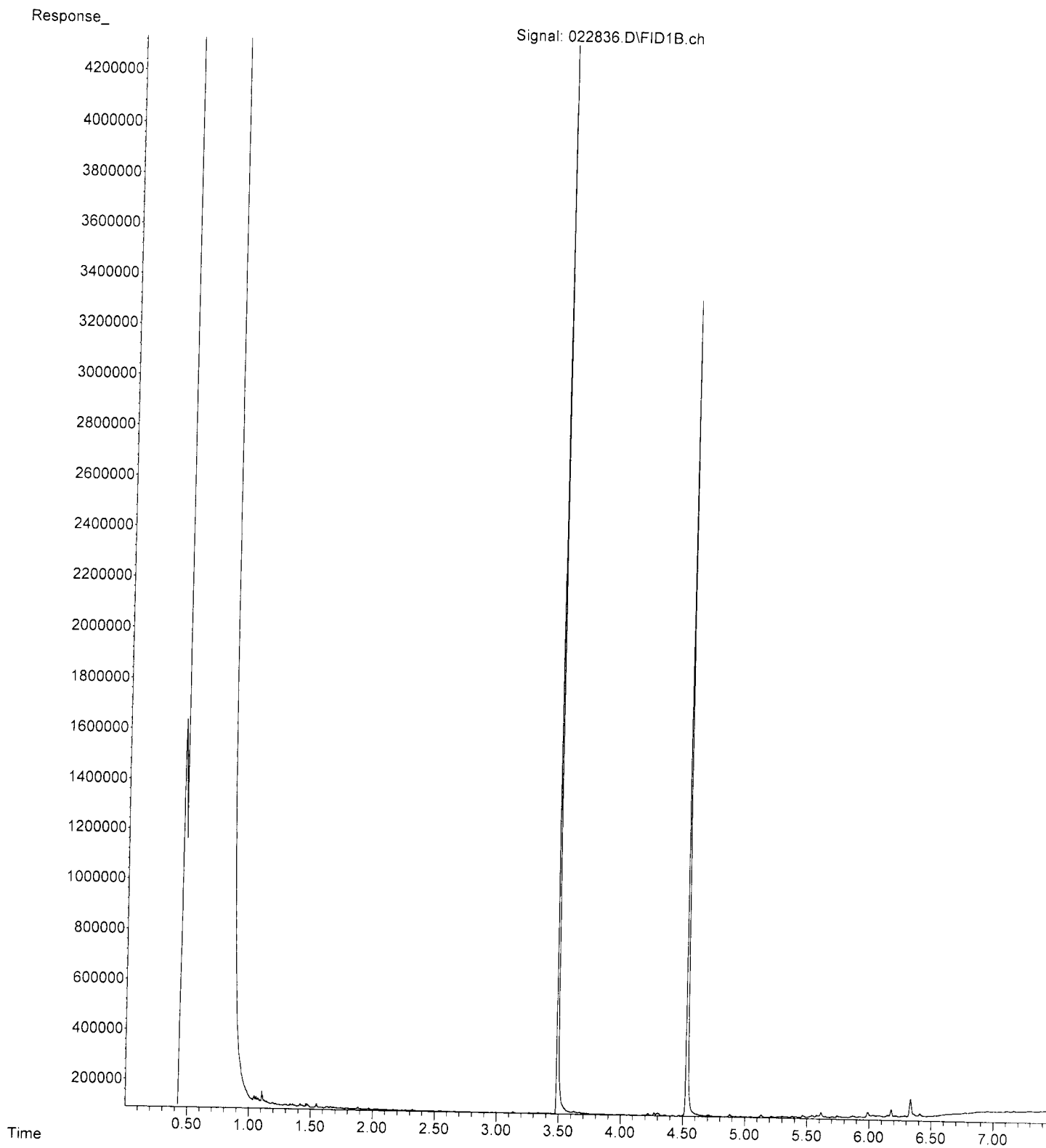
File : P:\Proc\_GC10\02-28-23\022834.D  
Operator : TL  
Acquired : 28 Feb 2023 05:51 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-03  
Misc Info :  
Vial Number: 26



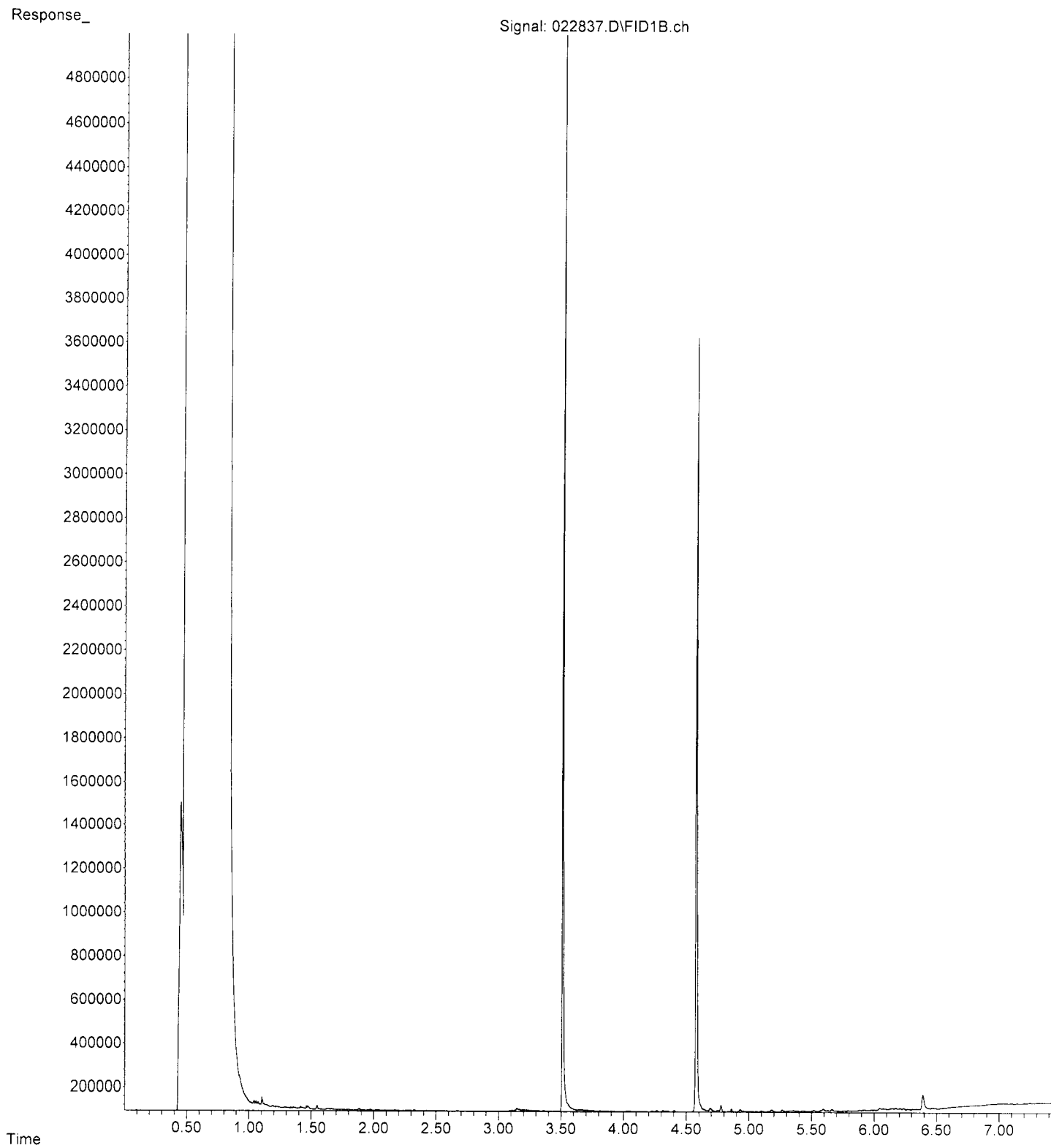
File : P:\Proc\_GC10\02-28-23\022835.D  
Operator : TL  
Acquired : 28 Feb 2023 06:03 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-04  
Misc Info :  
Vial Number: 27



File :P:\Proc\_GC10\02-28-23\022836.D  
Operator : TL  
Acquired : 28 Feb 2023 06:14 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-05  
Misc Info :  
Vial Number: 28

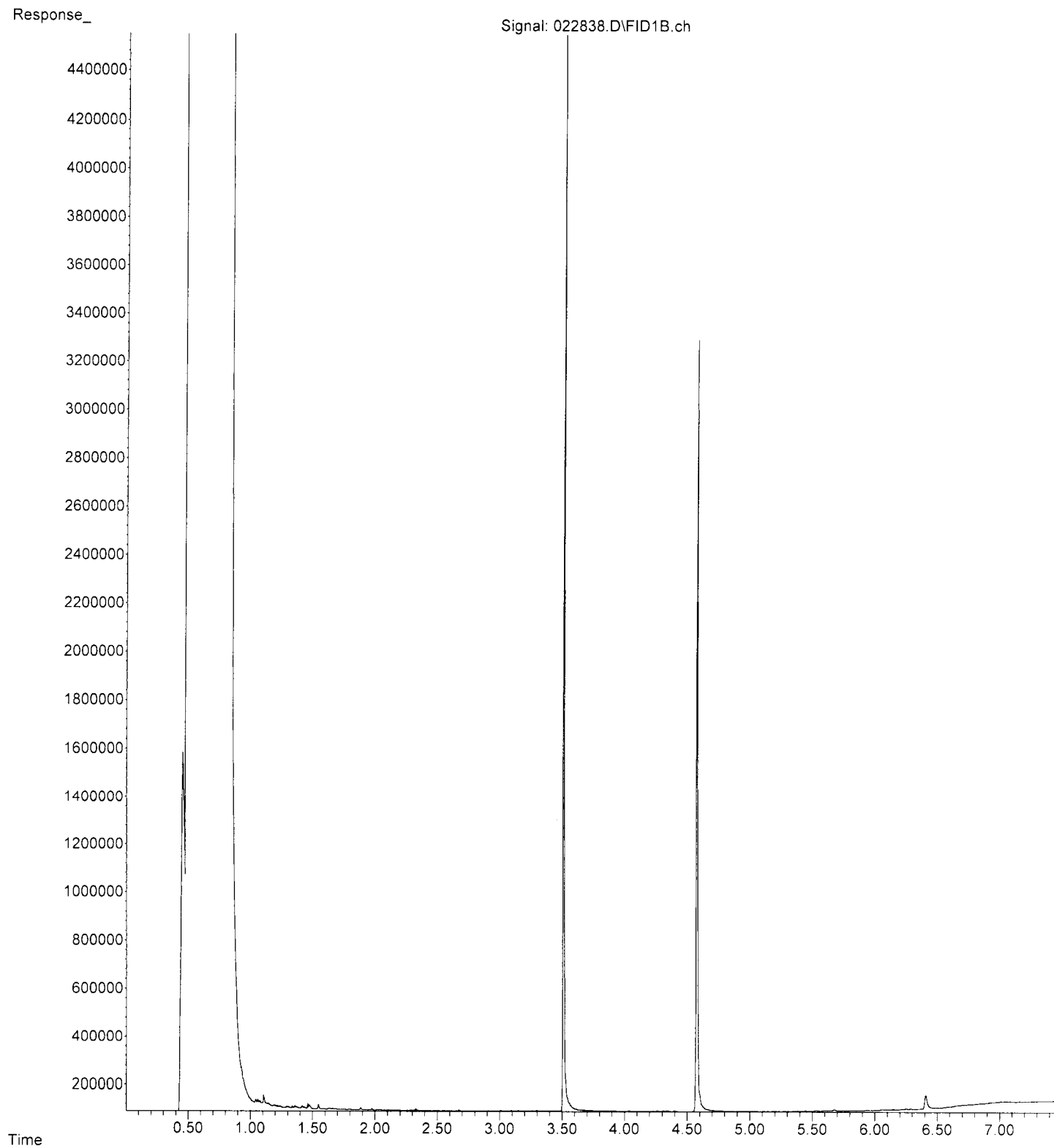


File :P:\Proc\_GC10\02-28-23\022837.D  
Operator : TL  
Acquired : 28 Feb 2023 06:26 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-06  
Misc Info :  
Vial Number: 29

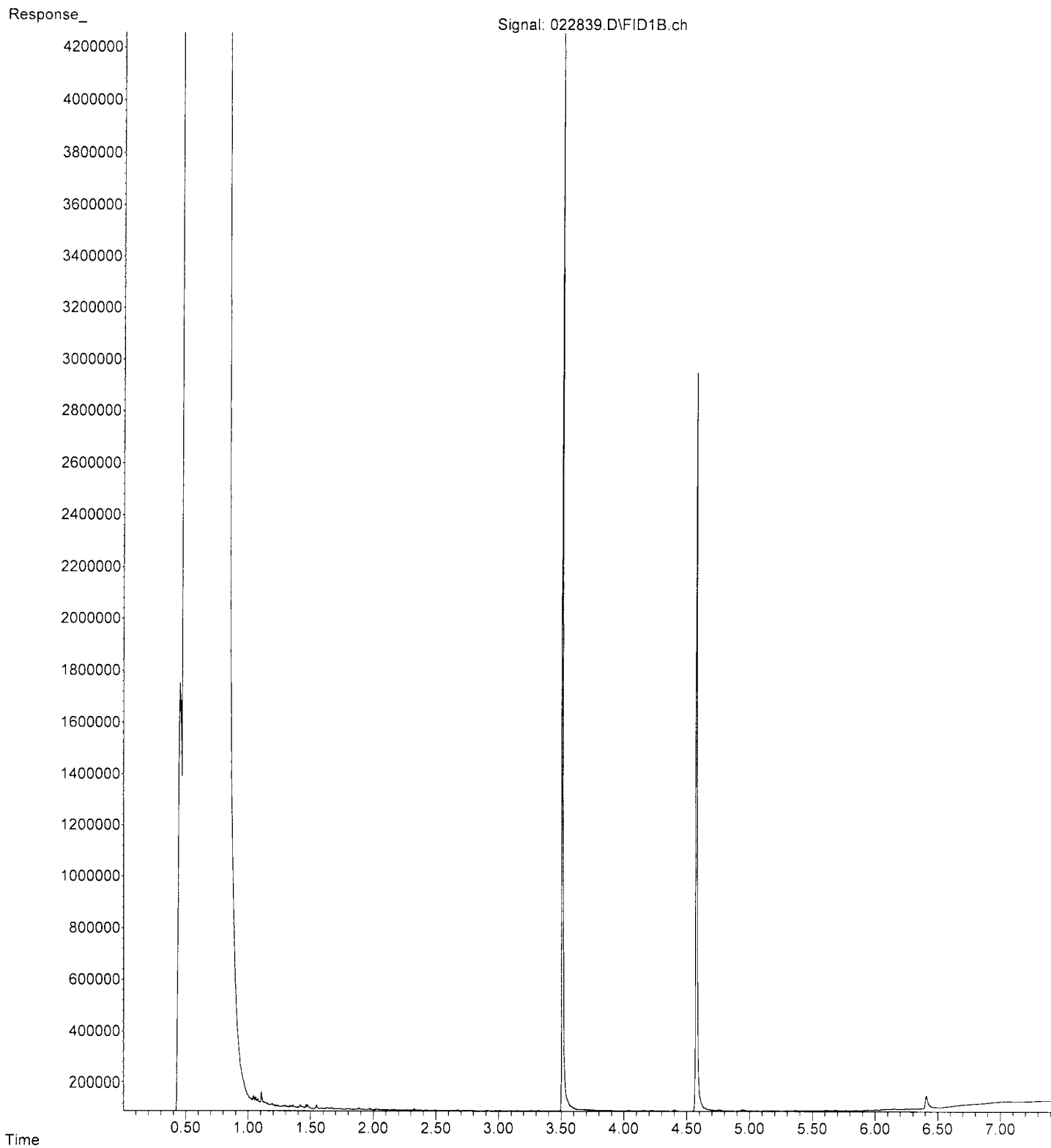




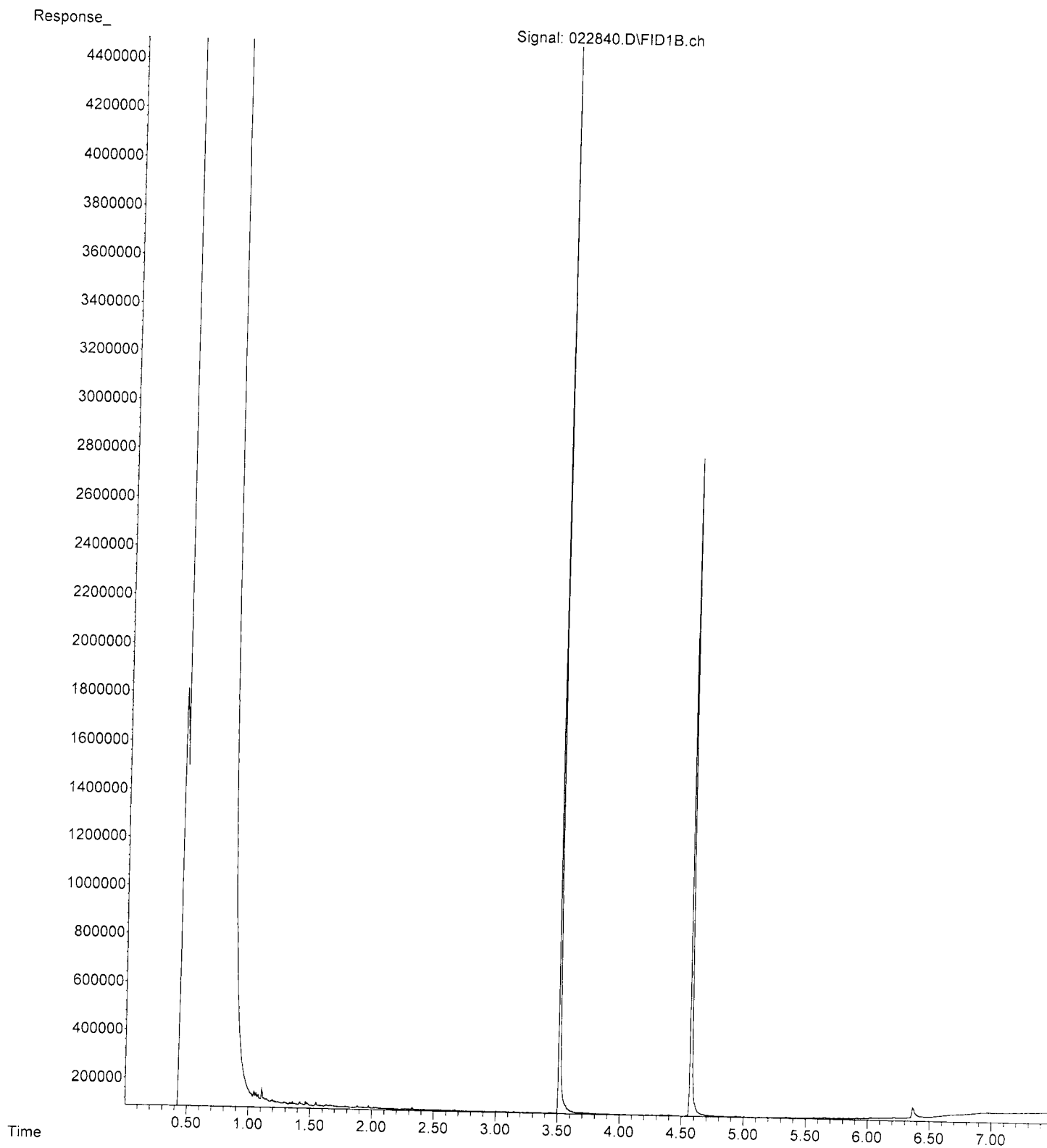
File :P:\Proc\_GC10\02-28-23\022838.D  
Operator : TL  
Acquired : 28 Feb 2023 06:37 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-07  
Misc Info :  
Vial Number: 30



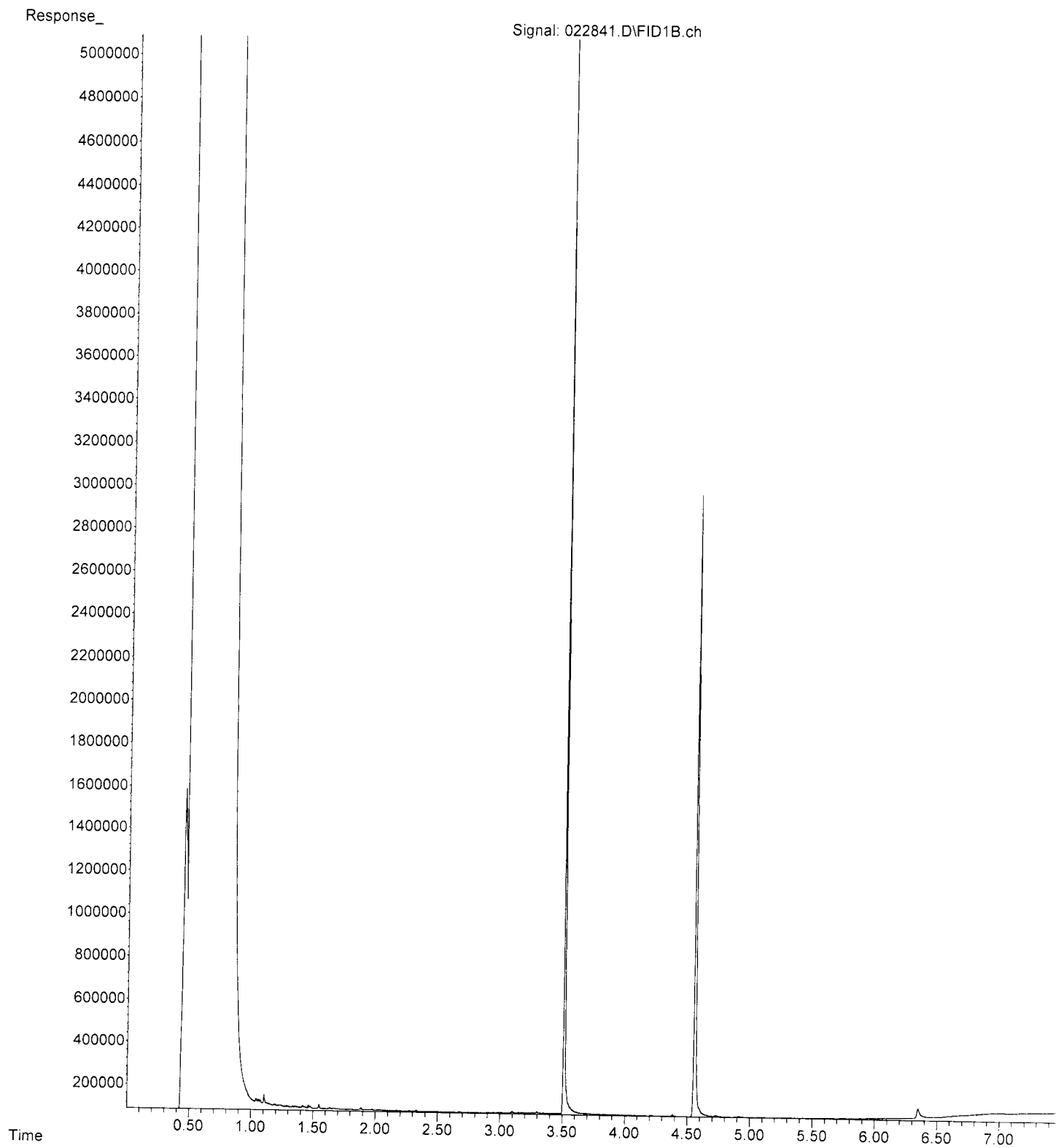
File :P:\Proc\_GC10\02-28-23\022839.D  
Operator : TL  
Acquired : 28 Feb 2023 06:49 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-08  
Misc Info :  
Vial Number: 31



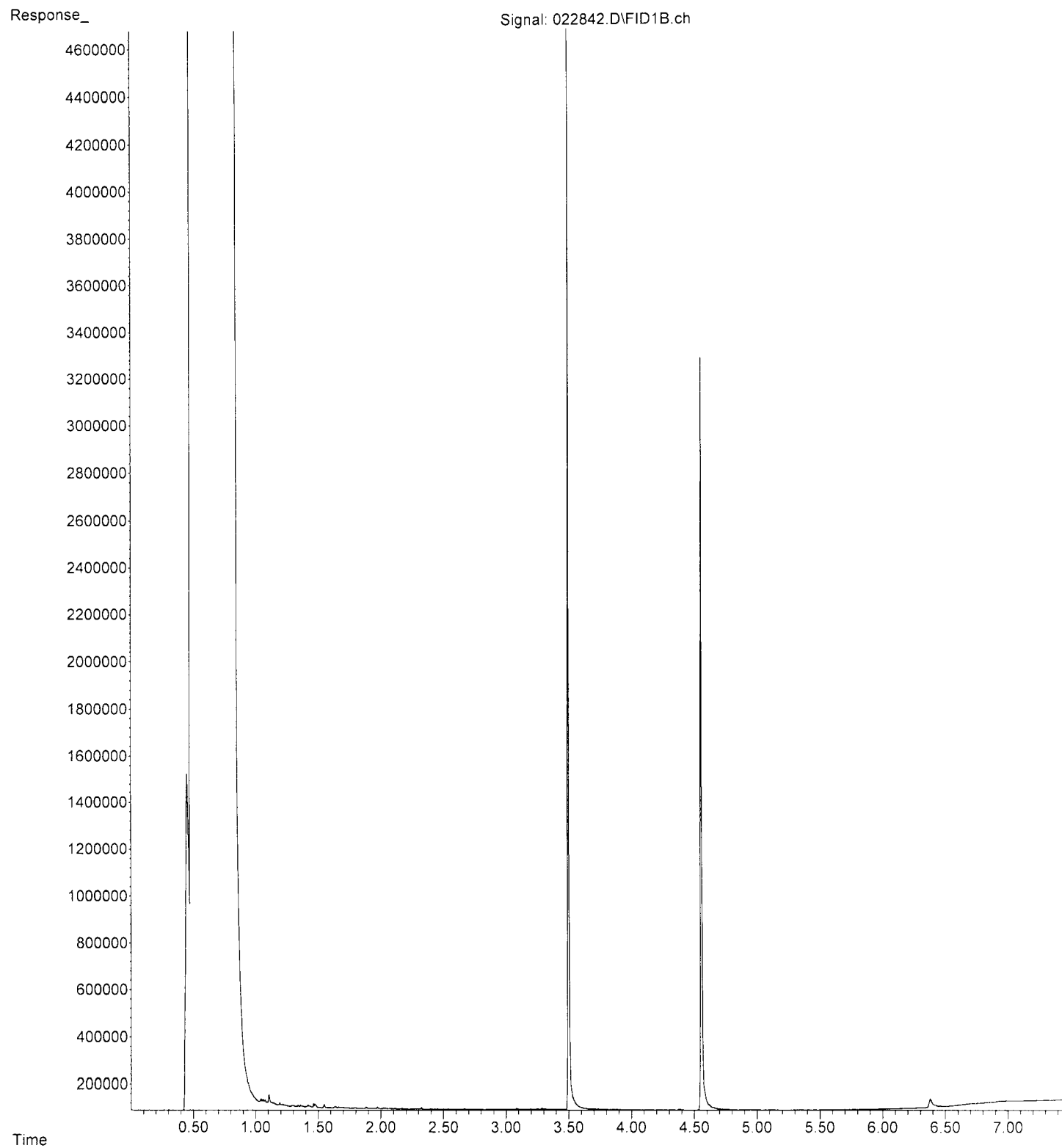
File :P:\Proc\_GC10\02-28-23\022840.D  
Operator : TL  
Acquired : 28 Feb 2023 07:00 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-09  
Misc Info :  
Vial Number: 32



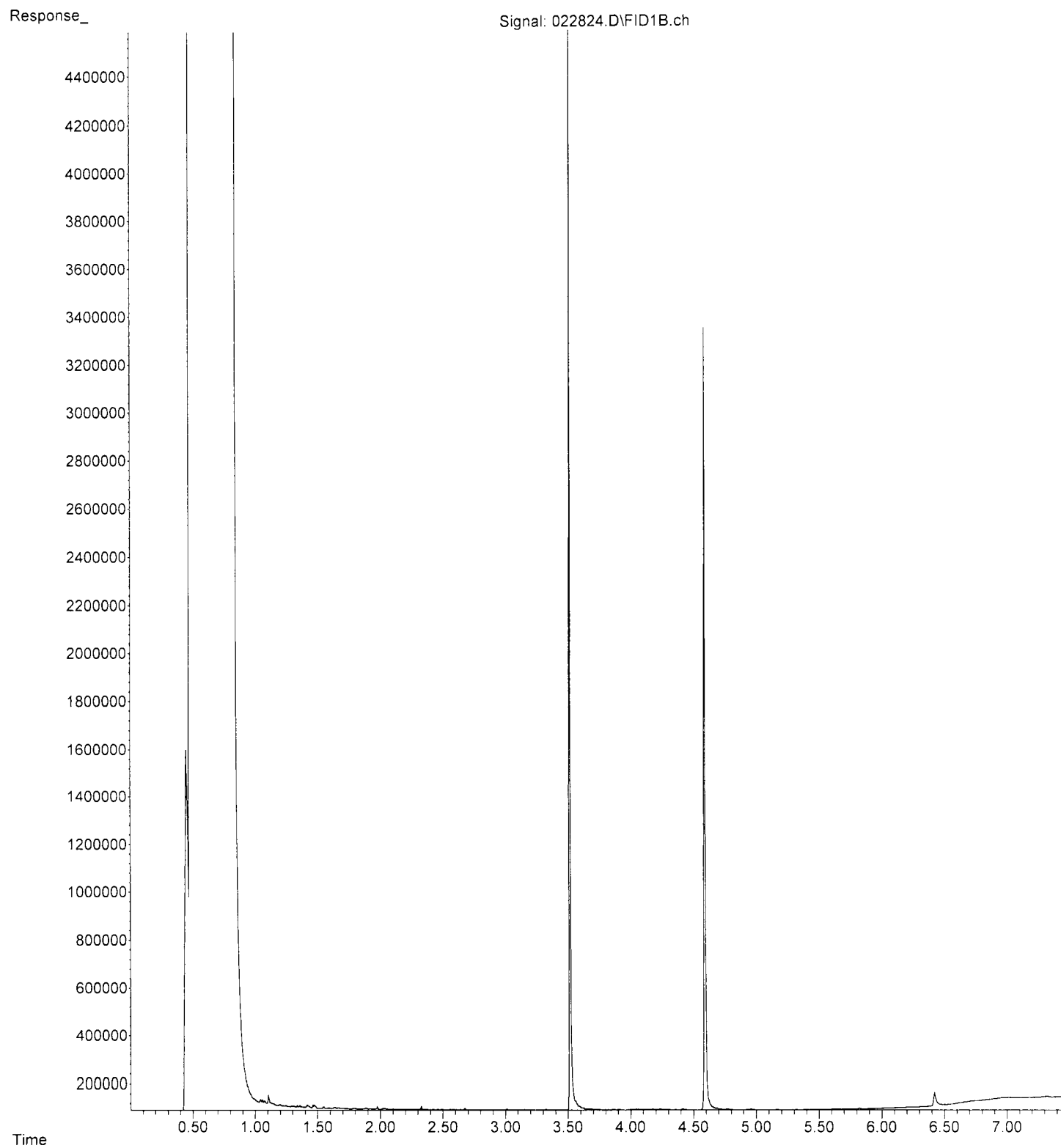
File :P:\Proc\_GC10\02-28-23\022841.D  
Operator : TL  
Acquired : 28 Feb 2023 07:12 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-10  
Misc Info :  
Vial Number: 33



File :P:\Proc\_GC10\02-28-23\022842.D  
Operator : TL  
Acquired : 28 Feb 2023 07:23 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 302365-11  
Misc Info :  
Vial Number: 34



File : P:\Proc\_GC10\02-28-23\022824.D  
Operator : TL  
Acquired : 28 Feb 2023 03:57 pm using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 03-500 mb  
Misc Info :  
Vial Number: 20



File :P:\Proc\_GC10\02-28-23\022803.D  
Operator : TL  
Acquired : 28 Feb 2023 08:01 am using AcqMethod DX.M  
Instrument : GC10  
Sample Name: 500 DX 67-143B  
Misc Info :  
Vial Number: 3

