

## Cover Page

**Order ID :** Q3483

**Project ID :** NJ Soil PT

**Client :** Alliance Technical Group, LLC - Newark

### Lab Sample Number

Q3483-01  
Q3483-02  
Q3483-03  
Q3483-04  
Q3483-05  
Q3483-06  
Q3483-07  
Q3483-08  
Q3483-09  
Q3483-10  
Q3483-11  
Q3483-12  
Q3483-13  
Q3483-14  
Q3483-15  
Q3483-16  
Q3483-17  
Q3483-18  
Q3483-19  
Q3483-20  
Q3483-21  
Q3483-22  
Q3483-23  
Q3483-24  
Q3483-25

### Client Sample Number

HW1025-PT-AN-SOIL  
HW1025-PT-CORR-SOIL  
HW1025-PT-CN-SOIL  
HW1025-PT-CN-SOIL  
HW1025-PT-FP-SOIL  
HW1025-PT-CR6-SOIL  
HW1025-PT-NUT-SOIL  
HW1025-PT-NUT-SOIL  
HW1025-PT-OGR-SOIL  
HW1025-PT-MET-SOIL  
HW1025-PT-BNA-SOIL  
HW1025-PT-TRIAZINE-SOIL  
HW1025-PT-PAH-SOIL  
HW1025-PT-DIES-SOIL  
HW1025-PT-GAS-SOIL  
HW1025-PT-NJEPH-SOIL  
HW1025-PT-HERB-SOIL  
HW1025-PT-PCB-SOIL  
HW1025-PT-PCBO-SOIL  
HW1025-PT-PEST-SOIL  
HW1025-PT-CHLOR-SOIL  
HW1025-PT-TXP-SOIL  
HW1025-PT-VOA-SOIL  
HW1025-PT-SOL-SOIL  
HW1025-PT-NO2-SOIL

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 11/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

## **CASE NARRATIVE**

**Alliance Technical Group, LLC - Newark**

**Project Name: NJ Soil PT**

**Project # N/A**

**Order ID # Q3483**

**Test Name: Gasoline Range Organics**

### **A. Number of Samples and Date of Receipt:**

25 Solid samples were received on 10/29/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Gasoline Range Organics. This data package contains results for Gasoline Range Organics.

### **C. Analytical Techniques:**

The analysis performed on instrument FID\_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909. The analysis of Gasoline Range Organics was based on method 8015D.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for HW1025-PT-GAS-SOIL [Alpha, Alpha and Alpha-Trifluorotoluene - 232%] due to matrix interference.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

Samples HW1025-PT-GAS-SOIL was diluted due to bad matrix, The above sample original run is reported as screening data in miscellaneous data.

### **E. Additional Comments:**

The soil samples results are based on a dry weight basis.

### **F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



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Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                 |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q3483

MATRIX: Solid

METHOD: 8015D/3541

|                                                                                                                                                                                                                                                                                                                                         | NA | NO | YES |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|-----|
| 1. Chromatograms Labeled/Compounds Identified.                                                                                                                                                                                                                                                                                          |    |    | ✓   |
| 2. Standard Summary Submitted.                                                                                                                                                                                                                                                                                                          |    |    | ✓   |
| 3. Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD.<br><br>The Initial Calibration met the requirements.<br>The Continuous Calibration met the requirements.                                  |    |    | ✓   |
| 4. Blank Contamination - If yes, list compounds and concentrations in each blank:                                                                                                                                                                                                                                                       |    | ✓  |     |
| 5. Surrogate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.<br><br>The Surrogate recoveries were met for all analysis except for HW1025-PT-GAS-SOIL [Alpha,Alpha andAlpha-Trifluorotoluene - 232%] due to matrix interference.                         |    | ✓  |     |
| 6. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria<br><br>If not met, list those compounds and their recoveries which fall outside the acceptable range.<br><br>The Blank Spike met requirements for all compounds.<br>The Blank Spike Duplicate met requirements for all compounds.<br>The RPD were met for all analysis. |    |    | ✓   |
| 7. Retention Time Shift Meet Criteria (if applicable)<br><br>Comments:                                                                                                                                                                                                                                                                  |    |    | ✓   |
| 8. Extraction Holding Time Met<br><br>If not met, list number of days exceeded for each sample:                                                                                                                                                                                                                                         |    | ✓  |     |



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**GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)**

|                                                                                                | NA | NO | YES |
|------------------------------------------------------------------------------------------------|----|----|-----|
| 9. Analysis Holding Time Met                                                                   |    |    | ✓   |
| If not met, list those compounds and their recoveries which fall outside the acceptable range. |    |    |     |
| The Holding Times were met for all analysis.                                                   |    |    |     |

**ADDITIONAL COMMENTS:**

Samples HW1025-PT-GAS-SOIL was diluted due to bad matrix, The above sample original run is reported as screening data in miscellaneous data.

The soil samples results are based on a dry weight basis.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q3483

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 11/28/2025

## LAB CHRONICLE

|                 |                                        |                   |                       |
|-----------------|----------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q3483                                  | <b>OrderDate:</b> | 10/29/2025 2:32:00 PM |
| <b>Client:</b>  | Alliance Technical Group, LLC - Newark | <b>Project:</b>   | NJ Soil PT            |
| <b>Contact:</b> | Mohammad Ahmed                         | <b>Location:</b>  | QA Office,VOA Lab     |

| LabID    | ClientID           | Matrix | Test                    | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|--------------------|--------|-------------------------|--------|-------------|-----------|-----------|----------|
| Q3483-15 | HW1025-PT-GAS-SOIL | SOIL   |                         |        | 10/27/25    |           |           | 10/29/25 |
|          | L                  |        | Gasoline Range Organics | 8015D  |             |           | 11/04/25  |          |



# QC SUMMARY



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**SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY**

Lab Name: Alliance

Client: Alliance Technical Group, LLC - Newark

Lab Code: ACE

SDG No.: Q3483

| CLIENT ID          | S1<br>AAA-TFT | S2 | S3 | S4 | TOT<br>OUT |
|--------------------|---------------|----|----|----|------------|
| VBFI104S2          | 112           |    |    |    | 0          |
| BSFI104S1          | 115           |    |    |    | 0          |
| BSFI104S2          | 116           |    |    |    | 0          |
| HW1025-PT-GAS-SOIL | 232 *         |    |    |    | 1          |

**QC LIMITS**

AAA-TFT

For Water : 50-150

For Soil : 50-150

# Column to be used to flag recovery values

\* Values outside of contract required QC limits

D Surrogate Diluted Out



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**SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION**

**Lab Name:** Alliance

**Client:** Alliance Technical Group, LLC - Newark

**Lab Code:** ACE

**SDG No:** Q3483

**Client Sample ID :** BSF1104S1

**Datafile:** FB032288.D

| COMPOUND | SPIKE<br>ADDED<br>ug/kg | CONCENTRATION<br>ug/kg | LCS/LCSD<br>CONCENTRATION<br>ug/kg | % REC | QC LIMITS (%) |
|----------|-------------------------|------------------------|------------------------------------|-------|---------------|
| GRO      | 180                     | 0                      | 224                                | 124   | 50-150        |



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**SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATION**

**Lab Name:** Alliance

**Client:** Alliance Technical Group, LLC - Newark

**Lab Code:** ACE

**SDG No:** Q3483

**Client Sample ID :** BSF1104S2

**Datafile:** FB032289.D

| COMPOUND | SPIKE<br>ADDED<br>ug/kg | CONCENTRATION<br>ug/kg | LCS/LCSD<br>CONCENTRATION<br>ug/kg | % REC | QC LIMITS (%) |
|----------|-------------------------|------------------------|------------------------------------|-------|---------------|
| GRO      | 180                     | 0                      | 226                                | 126   | 50-150        |

LCS/LCSD % Recovery RPD : 1.0

METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

VBF1104S2

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q3483

Lab File ID: FB032287.D

Lab Sample ID: VBF1104S2

Date Analyzed: 11/04/25

Time Analyzed: 9:42

GC Column: RTX-502.2 ID: 0.53 (mm)

Heated Purge: (Y/N) Y

Instrument ID: fb

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| CLIENT<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|----------------------|------------------|----------------|------------------|
| BSF1104S1            | BSF1104S1        | FB032288.D     | 11/04/25         |
| BSF1104S2            | BSF1104S2        | FB032289.D     | 11/04/25         |
| HW1025-PT-GAS-SOIL   | Q3483-15         | FB032293.D     | 11/04/25         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA

## Report of Analysis

|                    |                                        |                 |                         |
|--------------------|----------------------------------------|-----------------|-------------------------|
| Client:            | Alliance Technical Group, LLC - Newark | Date Collected: | 10/27/25                |
| Project:           | NJ Soil PT                             | Date Received:  | 10/29/25                |
| Client Sample ID:  | HW1025-PT-GAS-SOIL                     | SDG No.:        | Q3483                   |
| Lab Sample ID:     | Q3483-15                               | Matrix:         | SOIL                    |
| Analytical Method: | 8015D GRO                              | % Solid:        | 100                     |
| Sample Wt/Vol:     | 5 g                                    | Test:           | Gasoline Range Organics |
|                    | Final Vol: 5 mL                        |                 |                         |

| CAS Number        | Parameter                  | Conc.  | Qua. | DF   | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------------|--------|------|------|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                            |        |      |      |          |            |         |                |          |
| GRO               | GRO                        | 907000 |      | 1000 | 8260     | 45000      | ug/kg   | 11/04/25 12:46 | FB110425 |
| <b>SURROGATES</b> |                            |        |      |      |          |            |         |                |          |
| 98-08-8           | Alpha,Alpha,Alpha-Trifluor | 46.5   | *    |      | 50 - 150 | 232%       | SPK: 20 |                |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032293.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 12:46  
 Operator : YP/AJ  
 Sample : Q3483-15 1000X  
 Misc : 5.00G/5.00 ML MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 HW1025-PT-GAS-SOIL

Integration File: Calibration.e  
 Quant Time: Nov 04 22:36:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units    |
|------------------------------|--------|----------|---------------|
| -----                        |        |          |               |
| System Monitoring Compounds  |        |          |               |
| 5) s AAA-TFT                 | 8.822  | 942340   | 46.460 ng/ml  |
| Target Compounds             |        |          |               |
| 1) t 2-Methylpentane         | 4.713  | 324194   | 11.834 ng/ml  |
| 2) t 2,2,4-Trimethylpentane  | 7.413  | 1044226  | 33.893 ng/ml  |
| 3) t n-Heptane               | 7.756  | 1183193  | 40.381 ng/ml  |
| 4) t Benzene                 | 7.893  | 371212   | 10.723 ng/ml  |
| 6) t Toluene                 | 10.627 | 3434310  | 95.981 ng/ml  |
| 7) t Ethylbenzene            | 13.062 | 1033559  | 32.498 ng/ml  |
| 8) t m-Xylene                | 13.194 | 3853535  | 115.712 ng/ml |
| 9) t O-Xylene                | 13.924 | 1492278  | 46.471 ng/ml  |
| 10) t 1,2,4-Trimethylbenzene | 16.199 | 1640959  | 59.304 ng/ml  |
| -----                        |        |          |               |

(f)=RT Delta > 1/2 Window

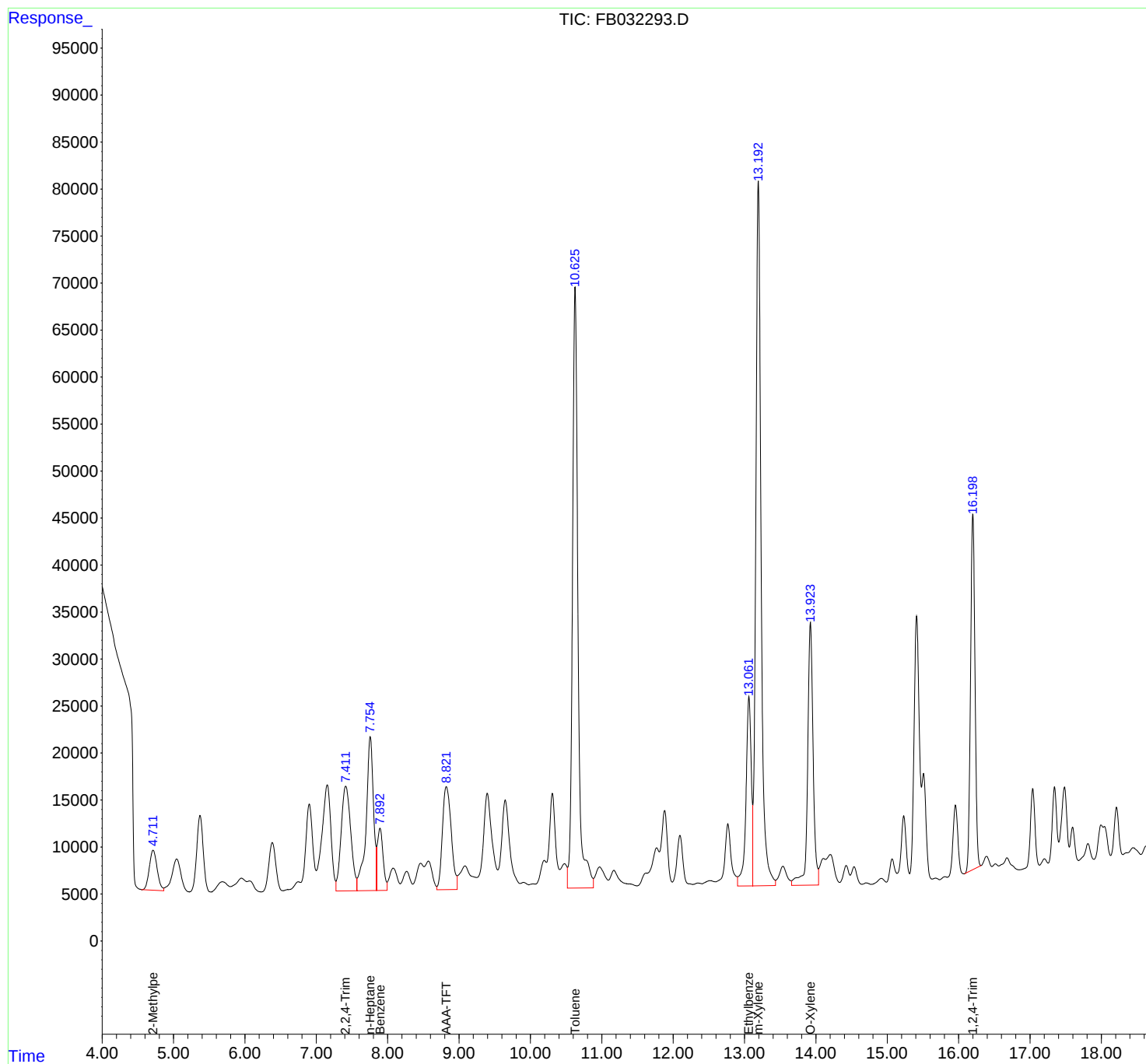
(m)=manual int.

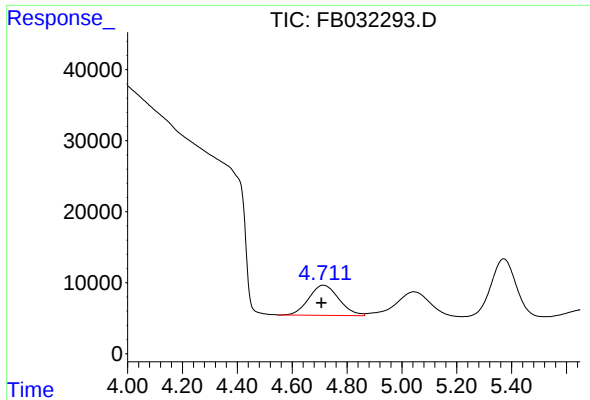
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032293.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 12:46  
Operator : YP/AJ  
Sample : Q3483-15 1000X  
Misc : 5.00G/5.00 ML MEOH  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

Integration File: Calibration.e  
Quant Time: Nov 04 22:36:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

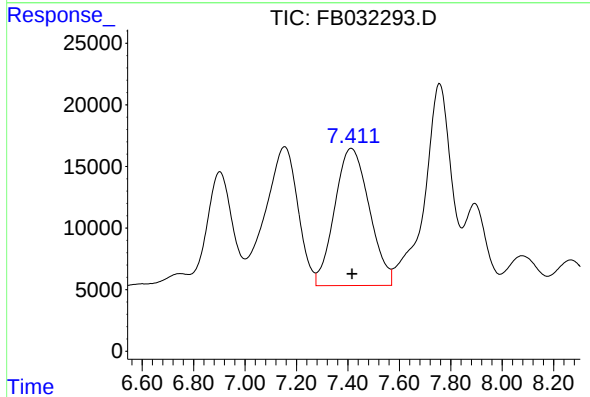




#1 2-Methylpentane

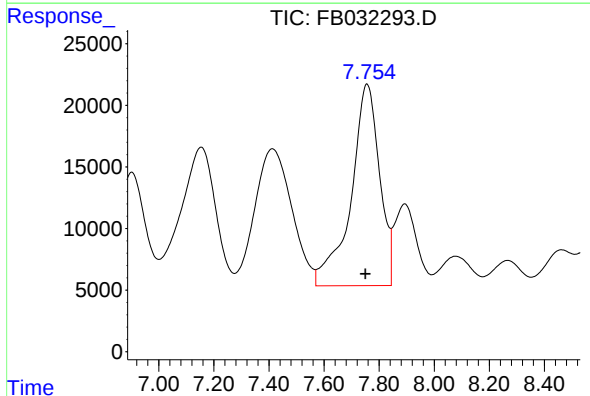
R.T.: 4.713 min  
Delta R.T.: 0.006 min  
Response: 324194  
Conc: 11.83 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL



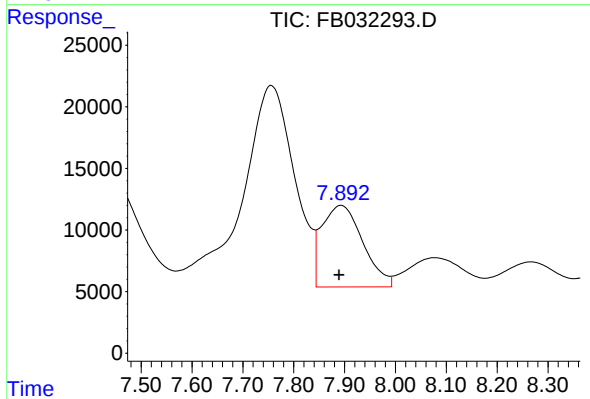
#2 2,2,4-Trimethylpentane

R.T.: 7.413 min  
Delta R.T.: -0.003 min  
Response: 1044226  
Conc: 33.89 ng/ml



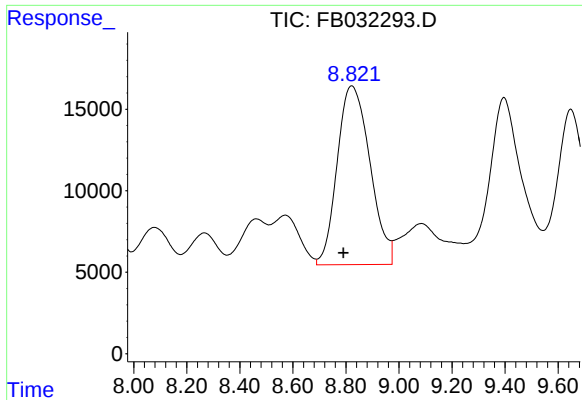
#3 n-Heptane

R.T.: 7.756 min  
Delta R.T.: 0.006 min  
Response: 1183193  
Conc: 40.38 ng/ml



#4 Benzene

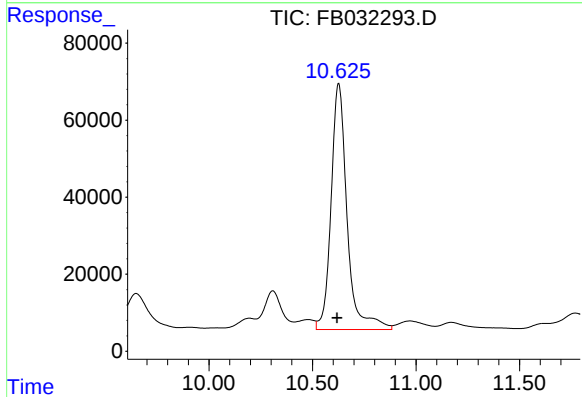
R.T.: 7.893 min  
Delta R.T.: 0.005 min  
Response: 371212  
Conc: 10.72 ng/ml



#5 AAA-TFT

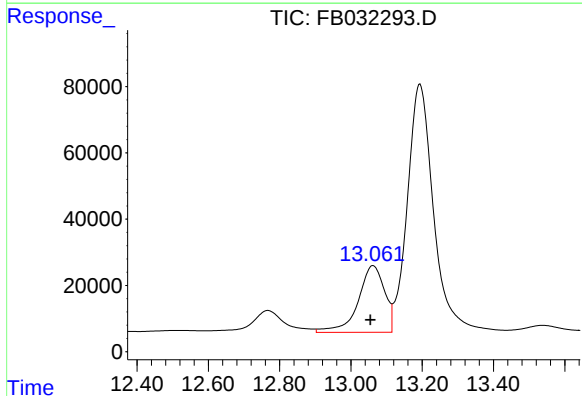
R.T.: 8.822 min  
Delta R.T.: 0.031 min  
Response: 942340  
Conc: 46.46 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL



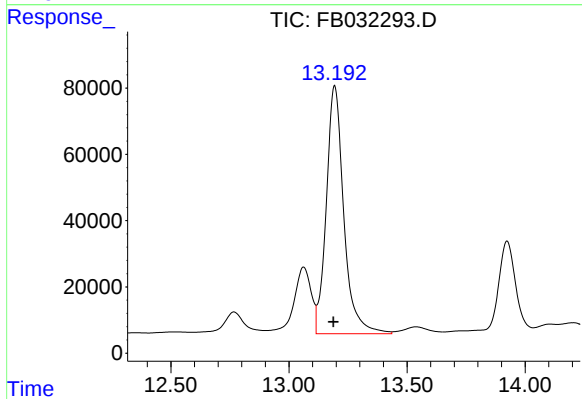
#6 Toluene

R.T.: 10.627 min  
Delta R.T.: 0.007 min  
Response: 3434310  
Conc: 95.98 ng/ml



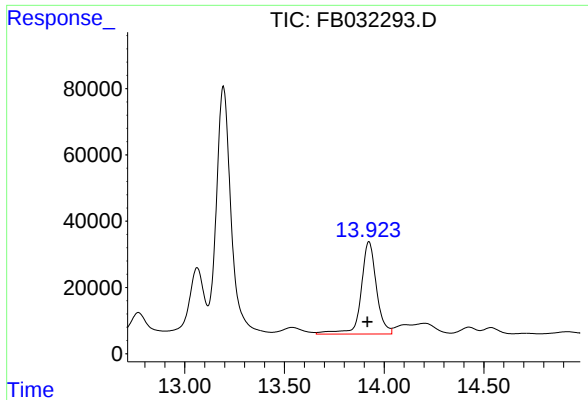
#7 Ethylbenzene

R.T.: 13.062 min  
Delta R.T.: 0.007 min  
Response: 1033559  
Conc: 32.50 ng/ml



#8 m-Xylene

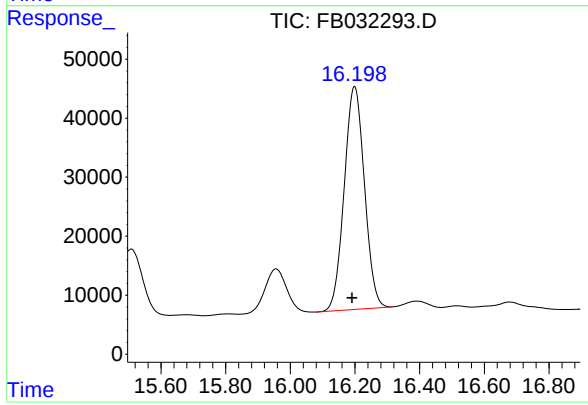
R.T.: 13.194 min  
Delta R.T.: 0.005 min  
Response: 3853535  
Conc: 115.71 ng/ml



#9 O-Xylene

R.T.: 13.924 min  
Delta R.T.: 0.008 min  
Response: 1492278  
Conc: 46.47 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL



#10 1,2,4-Trimethylbenzene

R.T.: 16.199 min  
Delta R.T.: 0.008 min  
Response: 1640959  
Conc: 59.30 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032293.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 12:46  
 Sample : Q3483-15 1000X  
 Misc : 5.00G/5.00 ML MEOH  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.713       | 4.504        | 4.864      | BH       | 4057           | 287277       | 7.23%          | 0.978%        |
| 2         | 5.044       | 4.864        | 5.202      | HHA      | 3125           | 233081       | 5.86%          | 0.794%        |
| 3         | 5.372       | 5.202        | 5.528      | BH       | 8124           | 506142       | 12.73%         | 1.724%        |
| 4         | 5.683       | 5.528        | 5.791      | PH       | 1056           | 101160       | 2.54%          | 0.345%        |
| 5         | 5.951       | 5.791        | 6.025      | HH       | 1441           | 141837       | 3.57%          | 0.483%        |
| 6         | 6.060       | 6.025        | 6.221      | HH       | 1143           | 70776        | 1.78%          | 0.241%        |
| 7         | 6.384       | 6.233        | 6.524      | PH       | 5228           | 355377       | 8.94%          | 1.210%        |
| 8         | 6.536       | 6.524        | 6.546      | HH       | 115            | 1397         | 0.04%          | 0.005%        |
| 9         | 6.746       | 6.546        | 6.782      | HH       | 1049           | 73533        | 1.85%          | 0.250%        |
| 10        | 6.902       | 6.782        | 7.001      | HH       | 9329           | 644714       | 16.22%         | 2.196%        |
| 11        | 7.154       | 7.001        | 7.276      | HH       | 11359          | 1003011      | 25.23%         | 3.416%        |
| 12        | 7.413       | 7.276        | 7.570      | HH       | 11223          | 1058157      | 26.62%         | 3.604%        |
| 13        | 7.756       | 7.570        | 7.844      | HH       | 16472          | 1200626      | 30.20%         | 4.089%        |
| 14        | 7.893       | 7.844        | 7.992      | HH       | 6751           | 382417       | 9.62%          | 1.303%        |
| 15        | 8.078       | 7.992        | 8.177      | HH       | 2501           | 192930       | 4.85%          | 0.657%        |
| 16        | 8.267       | 8.177        | 8.352      | HH       | 2160           | 156816       | 3.94%          | 0.534%        |
| 17        | 8.463       | 8.352        | 8.511      | HH       | 3022           | 207857       | 5.23%          | 0.708%        |
| 18        | 8.572       | 8.511        | 8.689      | HH       | 3252           | 237146       | 5.97%          | 0.808%        |
| 19        | 8.822       | 8.689        | 8.974      | HH       | 11183          | 978633       | 24.62%         | 3.333%        |
| 20        | 9.084       | 8.974        | 9.246      | HH       | 2735           | 328331       | 8.26%          | 1.118%        |
| 21        | 9.396       | 9.246        | 9.546      | HH       | 10471          | 928781       | 23.37%         | 3.163%        |
| 22        | 9.648       | 9.546        | 9.858      | HH       | 9751           | 818027       | 20.58%         | 2.786%        |
| 23        | 9.905       | 9.858        | 9.980      | HH       | 987            | 65004        | 1.64%          | 0.221%        |
| 24        | 10.308      | 9.980        | 10.414     | HH       | 10455          | 899747       | 22.63%         | 3.065%        |
| 25        | 10.478      | 10.414       | 10.518     | HH       | 2970           | 170619       | 4.29%          | 0.581%        |
| 26        | 10.627      | 10.518       | 10.883     | HH       | 64334          | 3519513      | 88.54%         | 11.988%       |
| 27        | 10.970      | 10.883       | 11.092     | HH       | 2634           | 246667       | 6.21%          | 0.840%        |
| 28        | 11.171      | 11.092       | 11.492     | HH       | 2271           | 290415       | 7.31%          | 0.989%        |
| 29        | 11.770      | 11.492       | 11.805     | HH       | 4663           | 452213       | 11.38%         | 1.540%        |
| 30        | 11.881      | 11.805       | 11.989     | HH       | 8649           | 547508       | 13.77%         | 1.865%        |
| 31        | 12.096      | 11.989       | 12.273     | HH       | 5993           | 422433       | 10.63%         | 1.439%        |
| 32        | 12.349      | 12.273       | 12.403     | HH       | 915            | 66631        | 1.68%          | 0.227%        |
| 33        | 12.520      | 12.403       | 12.596     | HH       | 1164           | 122037       | 3.07%          | 0.416%        |
| 34        | 12.768      | 12.596       | 12.903     | HH       | 7221           | 536286       | 13.49%         | 1.827%        |
| 35        | 13.062      | 12.903       | 13.115     | HH       | 20748          | 1110914      | 27.95%         | 3.784%        |
| 36        | 13.194      | 13.115       | 13.435     | HH       | 75539          | 3975072      | 100.00%        | 13.539%       |

|    |        |        |        |     |                         |          |        |        |
|----|--------|--------|--------|-----|-------------------------|----------|--------|--------|
|    |        |        |        |     |                         | rteres   |        |        |
| 37 | 13.539 | 13.435 | 13.654 | HHA | 2692                    | 243322   | 6.12%  | 0.829% |
| 38 | 13.924 | 13.654 | 14.038 | BH  | 27455                   | 1382016  | 34.77% | 4.707% |
| 39 | 14.202 | 14.038 | 14.334 | HH  | 2770                    | 307241   | 7.73%  | 1.046% |
| 40 | 14.426 | 14.334 | 14.482 | PH  | 1607                    | 69824    | 1.76%  | 0.238% |
| 41 | 14.536 | 14.482 | 14.646 | HH  | 1480                    | 55258    | 1.39%  | 0.188% |
| 42 | 14.918 | 14.801 | 14.986 | BH  | 612                     | 38736    | 0.97%  | 0.132% |
| 43 | 15.069 | 14.986 | 15.139 | HH  | 2686                    | 138721   | 3.49%  | 0.472% |
| 44 | 15.232 | 15.139 | 15.312 | HH  | 7271                    | 379992   | 9.56%  | 1.294% |
| 45 | 15.412 | 15.312 | 15.630 | HH  | 28492                   | 1992209  | 50.12% | 6.786% |
| 46 | 15.678 | 15.630 | 15.735 | HH  | 642                     | 36263    | 0.91%  | 0.124% |
| 47 | 15.810 | 15.735 | 15.839 | HH  | 796                     | 42721    | 1.07%  | 0.146% |
| 48 | 15.956 | 15.839 | 16.081 | HH  | 8419                    | 483063   | 12.15% | 1.645% |
| 49 | 16.199 | 16.081 | 16.315 | HH  | 39368                   | 1857025  | 46.72% | 6.325% |
|    |        |        |        |     | Sum of corrected areas: | 29359476 |        |        |

FB102725.M Wed Nov 05 06:45:33 2025



# CALIBRATION SUMMARY

**GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY**

Lab Name: Alliance

Contract: ALLI03

ProjectID: NJ Soil PT

Lab Code: ACE

SDG No.: Q3483

| Calibration Sequence : FB102725 |            | Test : Gasoline Range Organics |                 |
|---------------------------------|------------|--------------------------------|-----------------|
| Concentration (PPB)             | Area Count | Reference Factor               | File ID         |
| 45                              | 1379940    | 30665                          | FB032267.D      |
| 90                              | 2618714    | 29097                          | FB032268.D      |
| 180                             | 5448966    | 30272                          | FB032269.D      |
| 450                             | 14683527   | 32630                          | FB032270.D      |
| 900                             | 30564498   | 33961                          | FB032271.D      |
| AVG RF : 31325                  |            | % RSD : 6.215                  | AVG RT : 8.7908 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032267.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 9:43  
 Operator : YP/AJ  
 Sample : 5 GRO STD  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 5 GRO STD

Integration File: Calibration.e  
 Quant Time: Oct 28 04:50:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:50:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units  |
|------------------------------|--------|----------|-------------|
| -----                        |        |          |             |
| System Monitoring Compounds  |        |          |             |
| 5) s AAA-TFT                 | 8.789  | 102359   | 5.094 ng/ml |
| Target Compounds             |        |          |             |
| 1) t 2-Methylpentane         | 4.710  | 189613   | 7.191 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.414  | 219524   | 7.439 ng/ml |
| 3) t n-Heptane               | 7.747  | 68369    | 2.452 ng/ml |
| 4) t Benzene                 | 7.886  | 75328    | 2.266 ng/ml |
| 6) t Toluene                 | 10.616 | 263449   | 7.563 ng/ml |
| 7) t Ethylbenzene            | 13.052 | 79822    | 2.569 ng/ml |
| 8) t m-Xylene                | 13.184 | 167840   | 5.195 ng/ml |
| 9) t O-Xylene                | 13.911 | 162967   | 5.195 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.187 | 153028   | 5.754 ng/ml |
| -----                        |        |          |             |

(f)=RT Delta > 1/2 Window

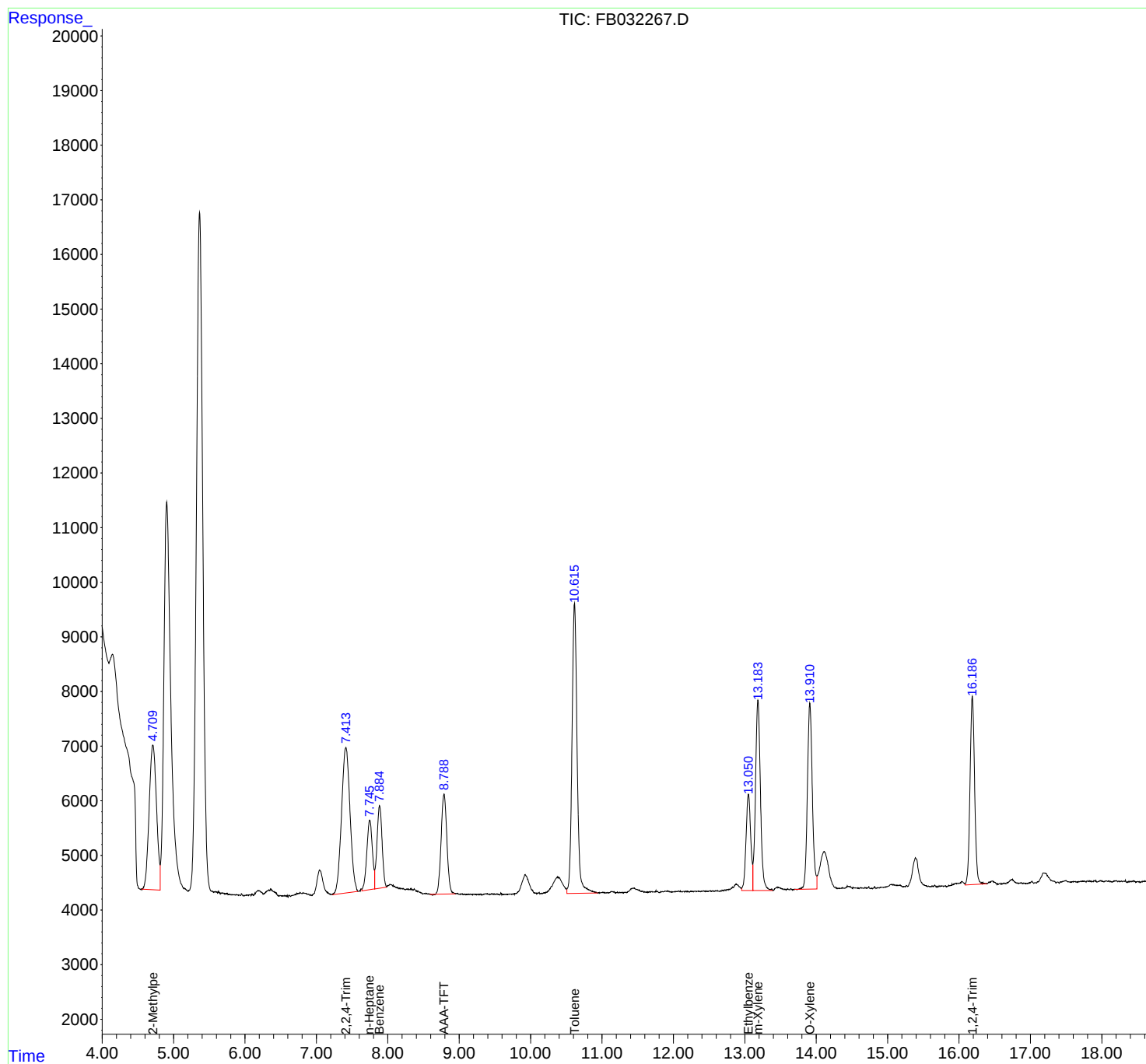
(m)=manual int.

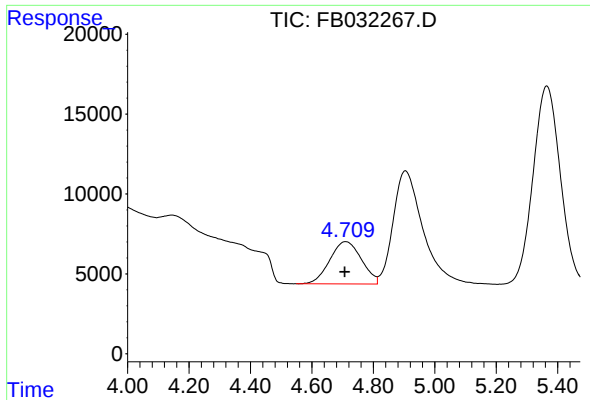
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032267.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 9:43  
Operator : YP/AJ  
Sample : 5 GRO STD  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
5 GRO STD

Integration File: Calibration.e  
Quant Time: Oct 28 04:50:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:50:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

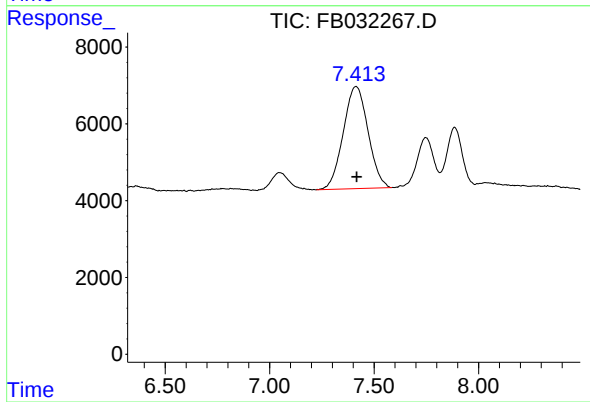




#1 2-Methylpentane

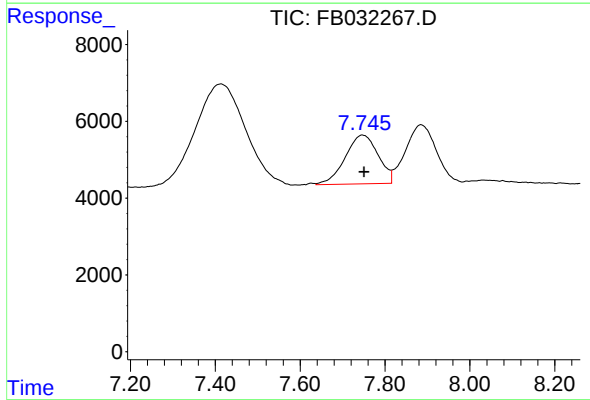
R.T.: 4.710 min  
Delta R.T.: 0.003 min  
Response: 189613  
Conc: 7.19 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
5 GRO STD



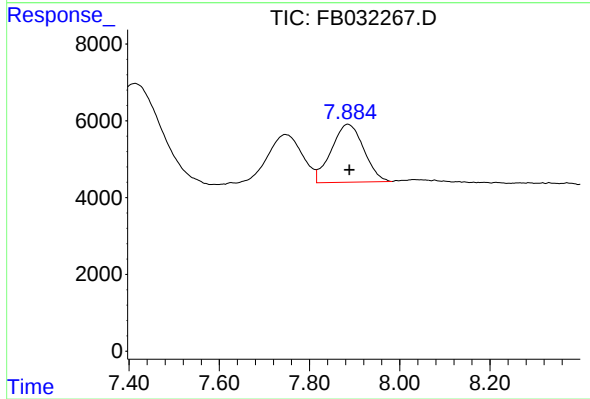
#2 2,2,4-Trimethylpentane

R.T.: 7.414 min  
Delta R.T.: -0.002 min  
Response: 219524  
Conc: 7.44 ng/ml



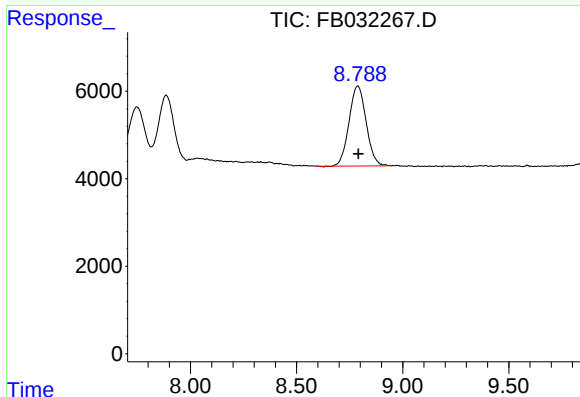
#3 n-Heptane

R.T.: 7.747 min  
Delta R.T.: -0.004 min  
Response: 68369  
Conc: 2.45 ng/ml



#4 Benzene

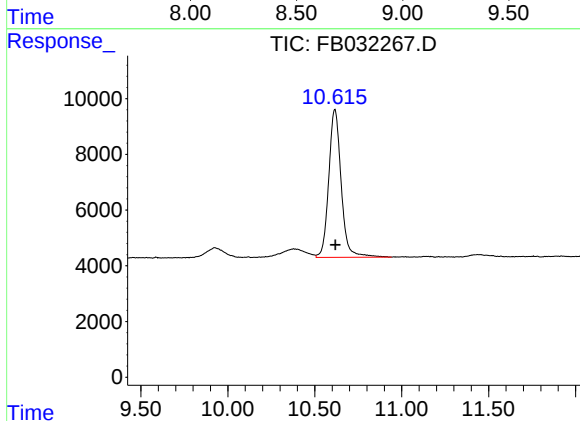
R.T.: 7.886 min  
Delta R.T.: -0.003 min  
Response: 75328  
Conc: 2.27 ng/ml



#5 AAA-TFT

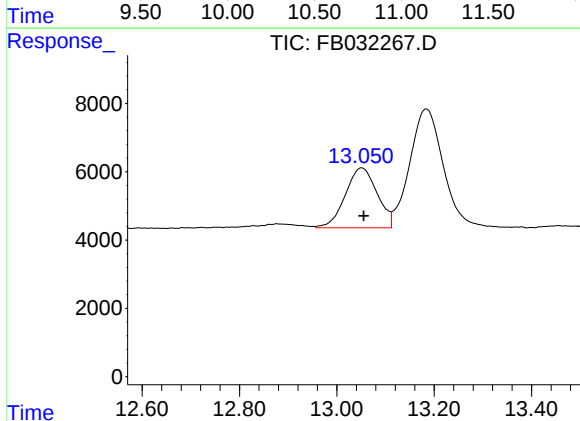
R.T.: 8.789 min  
Delta R.T.: -0.002 min  
Response: 102359  
Conc: 5.09 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
5 GRO STD



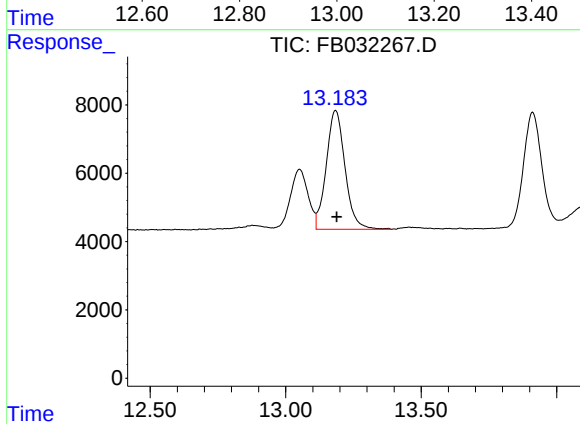
#6 Toluene

R.T.: 10.616 min  
Delta R.T.: -0.003 min  
Response: 263449  
Conc: 7.56 ng/ml



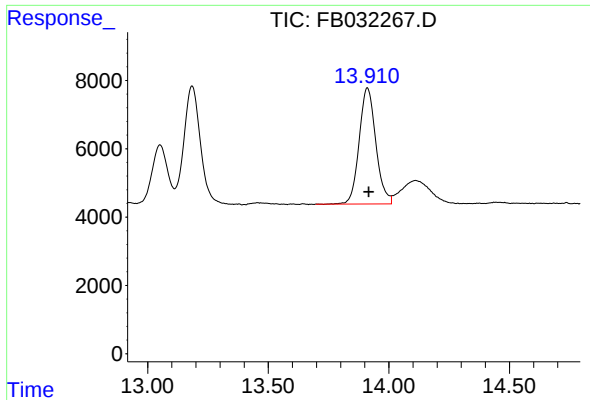
#7 Ethylbenzene

R.T.: 13.052 min  
Delta R.T.: -0.003 min  
Response: 79822  
Conc: 2.57 ng/ml



#8 m-Xylene

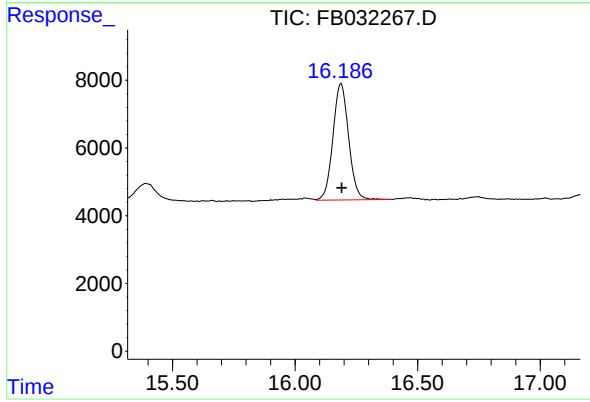
R.T.: 13.184 min  
Delta R.T.: -0.004 min  
Response: 167840  
Conc: 5.19 ng/ml



#9 O-Xylene

R.T.: 13.911 min  
Delta R.T.: -0.004 min  
Response: 162967  
Conc: 5.20 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.187 min  
Delta R.T.: -0.004 min  
Response: 153028  
Conc: 5.75 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032267.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 9:43  
Sample : 5 GRO STD  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.710       | 4.548        | 4.813      | BV       | 2649           | 189613       | 71.97%         | 12.792%       |
| 2         | 7.414       | 7.223        | 7.585      | PV       | 2664           | 219524       | 83.33%         | 14.810%       |
| 3         | 7.747       | 7.637        | 7.816      | VV       | 1274           | 68369        | 25.95%         | 4.612%        |
| 4         | 7.886       | 7.816        | 7.983      | VV       | 1513           | 75328        | 28.59%         | 5.082%        |
| 5         | 8.789       | 8.592        | 8.949      | BV       | 1832           | 102359       | 38.85%         | 6.905%        |
| 6         | 10.616      | 10.507       | 10.942     | VV       | 5310           | 263449       | 100.00%        | 17.773%       |
| 7         | 13.052      | 12.957       | 13.112     | VV       | 1761           | 79822        | 30.30%         | 5.385%        |
| 8         | 13.184      | 13.112       | 13.391     | VV       | 3481           | 167840       | 63.71%         | 11.323%       |
| 9         | 13.911      | 13.697       | 14.010     | BV       | 3403           | 162967       | 61.86%         | 10.994%       |
| 10        | 16.187      | 16.085       | 16.394     | VB       | 3443           | 153028       | 58.09%         | 10.324%       |

Sum of corrected areas: 1482299

FB102725.M Tue Oct 28 04:59:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032268.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 10:11  
 Operator : YP/AJ  
 Sample : 10 GRO STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 10 GRO STD

Integration File: Calibration.e  
 Quant Time: Oct 28 04:50:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:50:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.790  | 199834   | 9.944 ng/ml  |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.710  | 391331   | 14.842 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.415  | 434261   | 14.716 ng/ml |
| 3) t n-Heptane               | 7.751  | 131745   | 4.724 ng/ml  |
| 4) t Benzene                 | 7.889  | 153257   | 4.610 ng/ml  |
| 6) t Toluene                 | 10.619 | 493810   | 14.175 ng/ml |
| 7) t Ethylbenzene            | 13.055 | 147193   | 4.736 ng/ml  |
| 8) t m-Xylene                | 13.187 | 310008   | 9.595 ng/ml  |
| 9) t O-Xylene                | 13.915 | 301020   | 9.596 ng/ml  |
| 10) t 1,2,4-Trimethylbenzene | 16.190 | 256089   | 9.629 ng/ml  |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

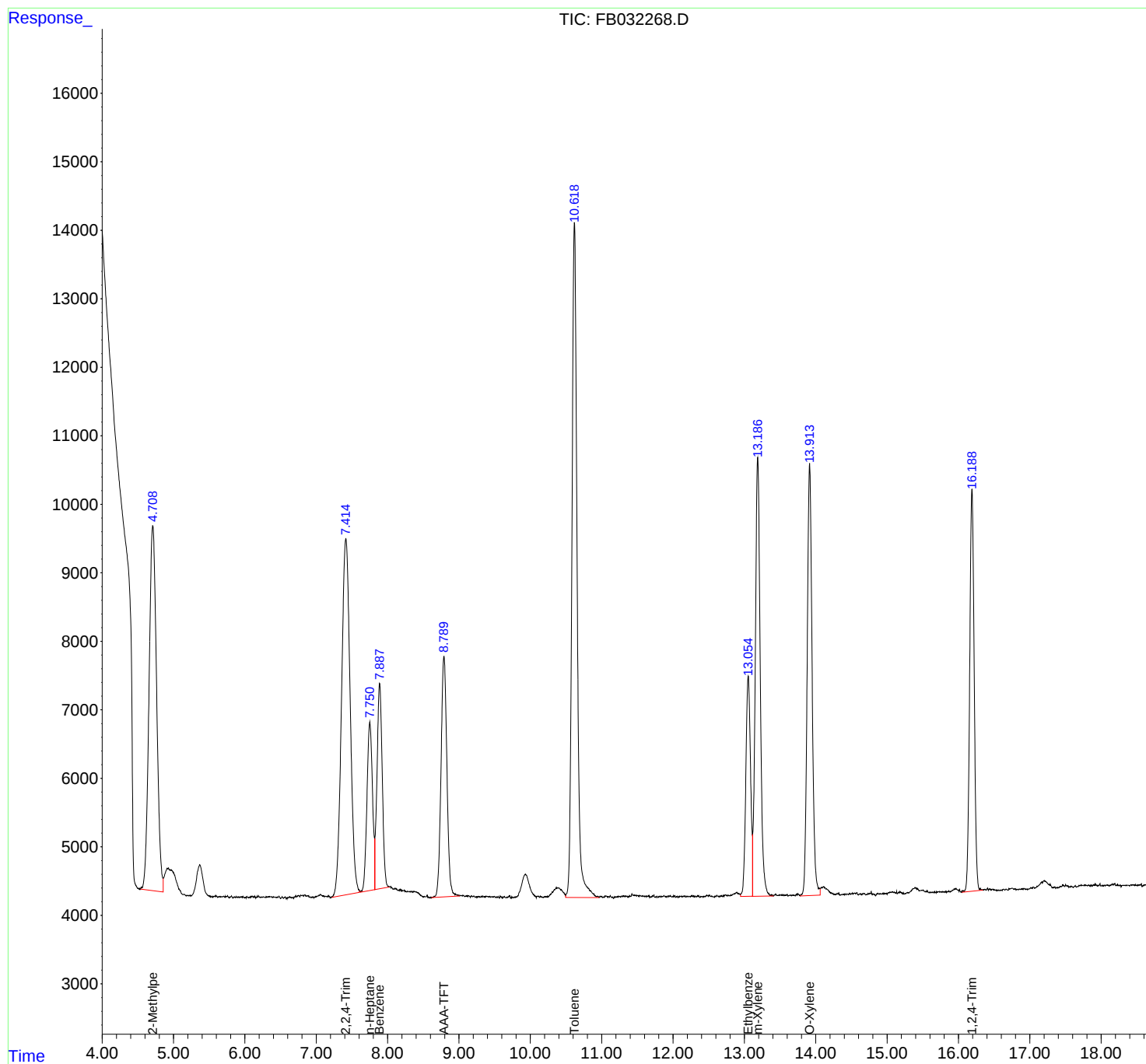
(m)=manual int.

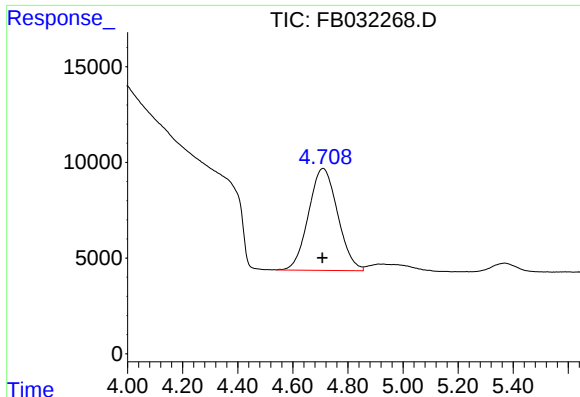
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032268.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 10:11  
Operator : YP/AJ  
Sample : 10 GRO STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
10 GRO STD

Integration File: Calibration.e  
Quant Time: Oct 28 04:50:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:50:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

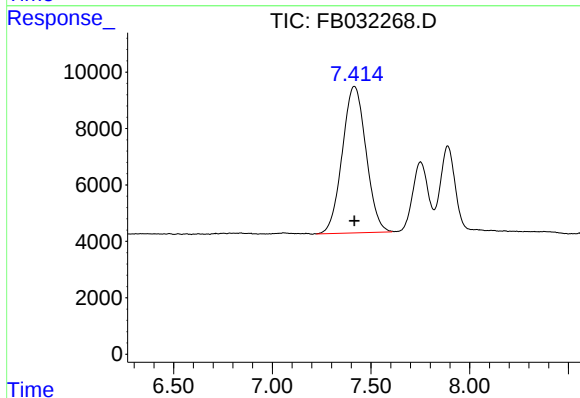




#1 2-Methylpentane

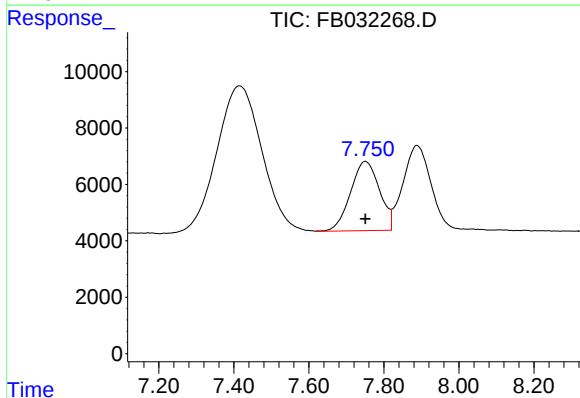
R.T.: 4.710 min  
Delta R.T.: 0.003 min  
Response: 391331  
Conc: 14.84 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
10 GRO STD



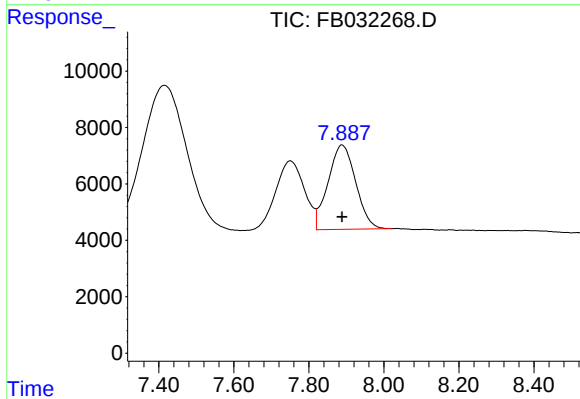
#2 2,2,4-Trimethylpentane

R.T.: 7.415 min  
Delta R.T.: 0.000 min  
Response: 434261  
Conc: 14.72 ng/ml



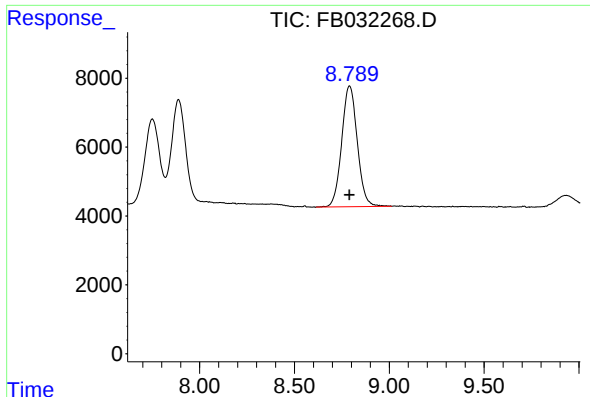
#3 n-Heptane

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 131745  
Conc: 4.72 ng/ml



#4 Benzene

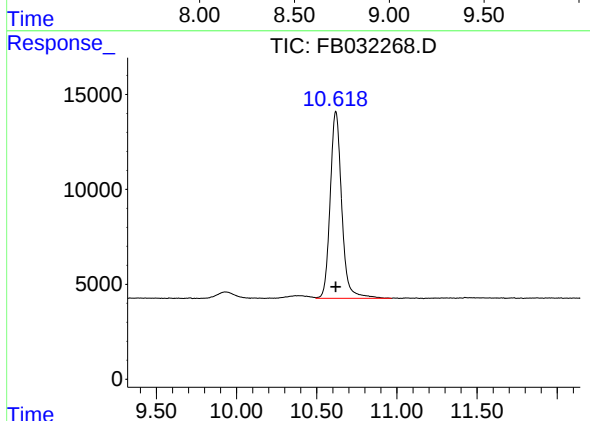
R.T.: 7.889 min  
Delta R.T.: 0.000 min  
Response: 153257  
Conc: 4.61 ng/ml



#5 AAA-TFT

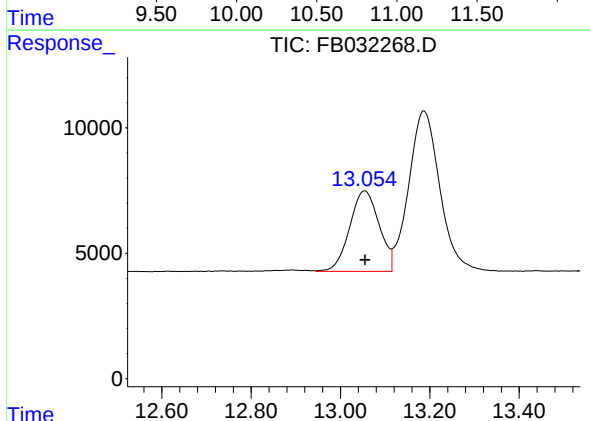
R.T.: 8.790 min  
Delta R.T.: 0.000 min  
Response: 199834  
Conc: 9.94 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
10 GRO STD



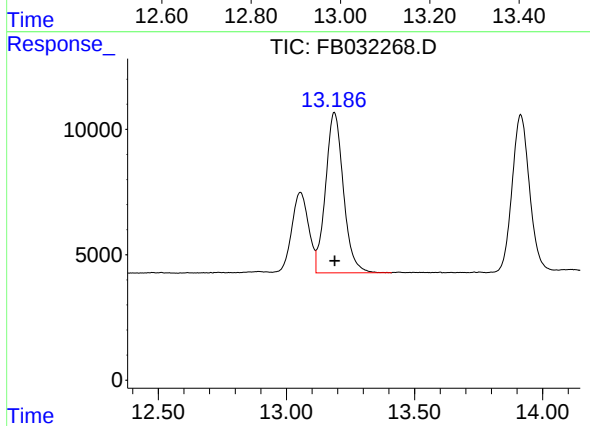
#6 Toluene

R.T.: 10.619 min  
Delta R.T.: 0.000 min  
Response: 493810  
Conc: 14.18 ng/ml



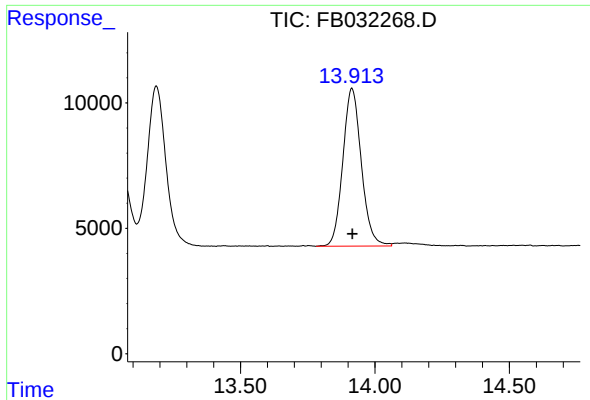
#7 Ethylbenzene

R.T.: 13.055 min  
Delta R.T.: 0.000 min  
Response: 147193  
Conc: 4.74 ng/ml



#8 m-Xylene

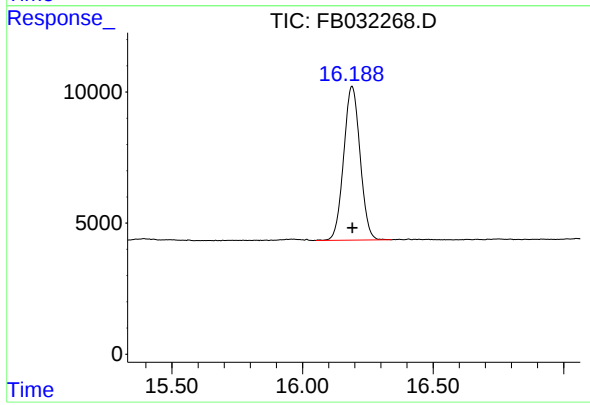
R.T.: 13.187 min  
Delta R.T.: -0.001 min  
Response: 310008  
Conc: 9.60 ng/ml



#9 O-Xylene

R.T.: 13.915 min  
Delta R.T.: 0.000 min  
Response: 301020  
Conc: 9.60 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.190 min  
Delta R.T.: -0.001 min  
Response: 256089  
Conc: 9.63 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032268.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 10:11  
Sample : 10 GRO STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.710       | 4.540        | 4.856      | BV       | 5329           | 391331       | 79.25%         | 13.884%       |
| 2         | 7.416       | 7.223        | 7.605      | PV       | 5197           | 434261       | 87.94%         | 15.407%       |
| 3         | 7.751       | 7.619        | 7.820      | VV       | 2459           | 131745       | 26.68%         | 4.674%        |
| 4         | 7.889       | 7.820        | 8.022      | VV       | 2997           | 153257       | 31.04%         | 5.437%        |
| 5         | 8.790       | 8.615        | 9.013      | BV       | 3509           | 199834       | 40.47%         | 7.090%        |
| 6         | 10.619      | 10.496       | 10.967     | VV       | 9848           | 493810       | 100.00%        | 17.520%       |
| 7         | 13.055      | 12.946       | 13.115     | VV       | 3214           | 147193       | 29.81%         | 5.222%        |
| 8         | 13.187      | 13.115       | 13.410     | VV       | 6399           | 310008       | 62.78%         | 10.999%       |
| 9         | 13.915      | 13.781       | 14.062     | PV       | 6301           | 301020       | 60.96%         | 10.680%       |
| 10        | 16.190      | 16.052       | 16.341     | BV       | 5872           | 256089       | 51.86%         | 9.086%        |

Sum of corrected areas: 2818548

FB102725.M Tue Oct 28 04:59:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032269.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 10:38  
 Operator : YP/AJ  
 Sample : 20 GRO STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 20 GRO STD

Integration File: Calibration.e  
 Quant Time: Oct 28 04:50:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:50:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.791  | 401913   | 20.000 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.707  | 791006   | 30.000 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.416  | 885257   | 30.000 ng/ml |
| 3) t n-Heptane               | 7.751  | 278881   | 10.000 ng/ml |
| 4) t Benzene                 | 7.889  | 332478   | 10.000 ng/ml |
| 6) t Toluene                 | 10.619 | 1045068  | 30.000 ng/ml |
| 7) t Ethylbenzene            | 13.055 | 310764   | 10.000 ng/ml |
| 8) t m-Xylene                | 13.189 | 646179   | 20.000 ng/ml |
| 9) t O-Xylene                | 13.916 | 627399   | 20.000 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.191 | 531934   | 20.000 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

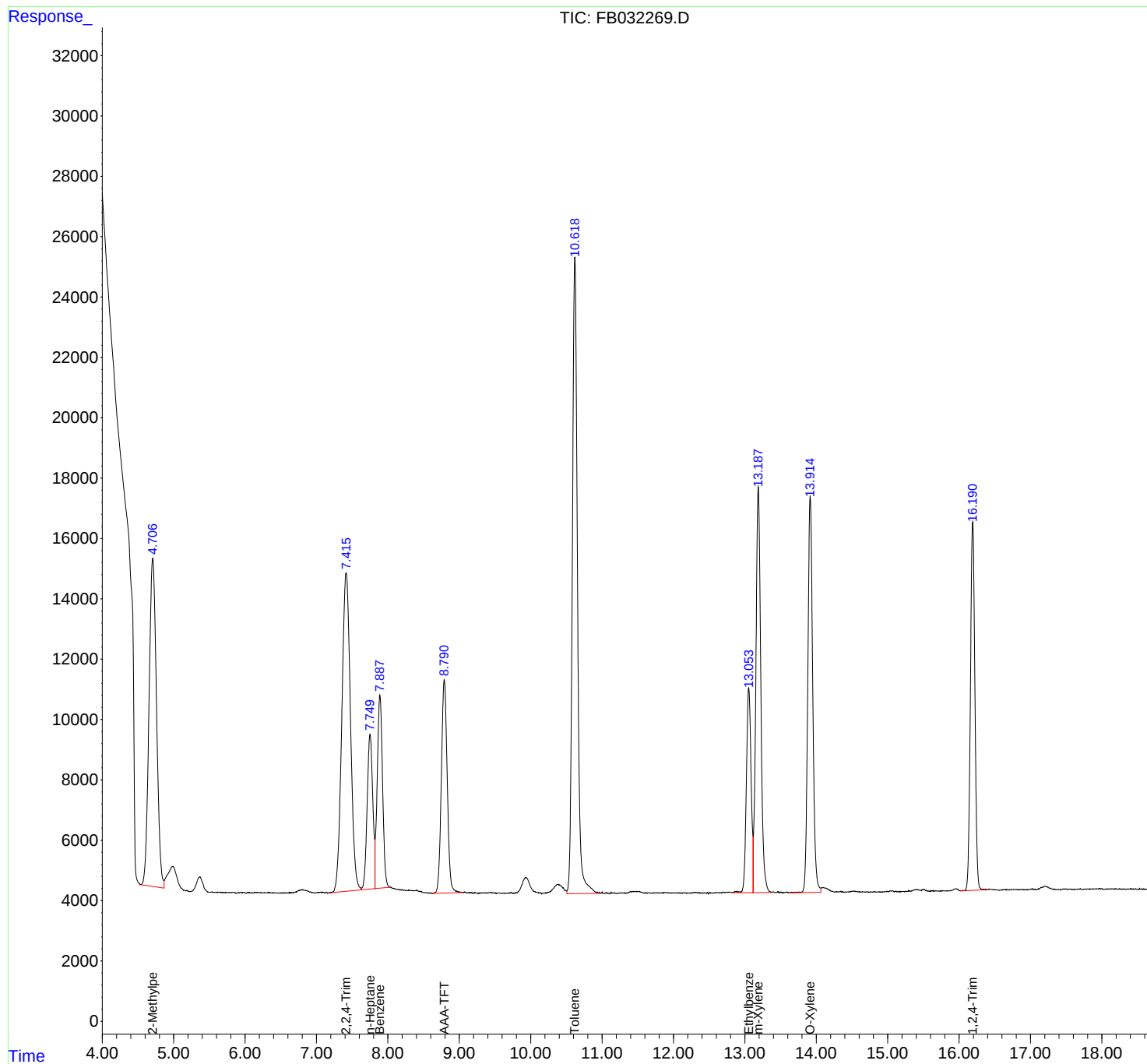
(m)=manual int.

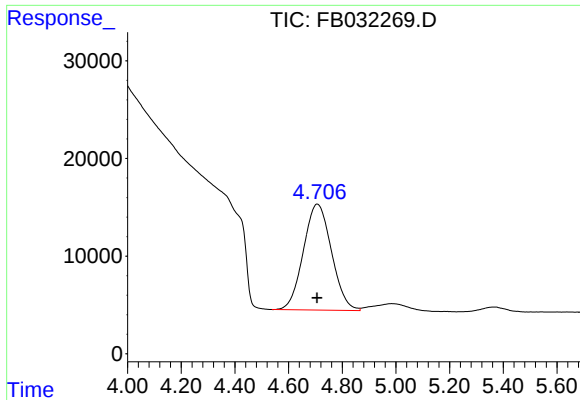
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032269.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 10:38  
Operator : YP/AJ  
Sample : 20 GRO STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
20 GRO STD

Integration File: Calibration.e  
Quant Time: Oct 28 04:50:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:50:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

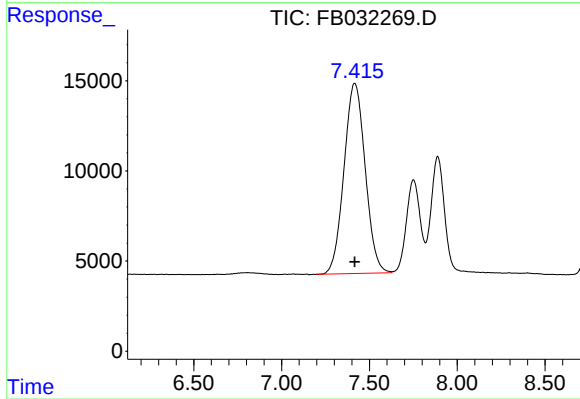




#1 2-Methylpentane

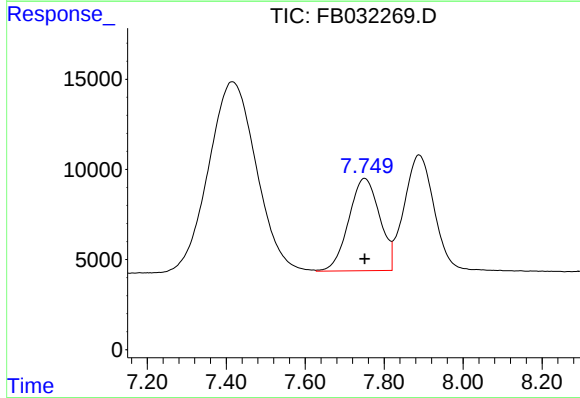
R.T.: 4.707 min  
Delta R.T.: 0.000 min  
Response: 791006  
Conc: 30.00 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 GRO STD



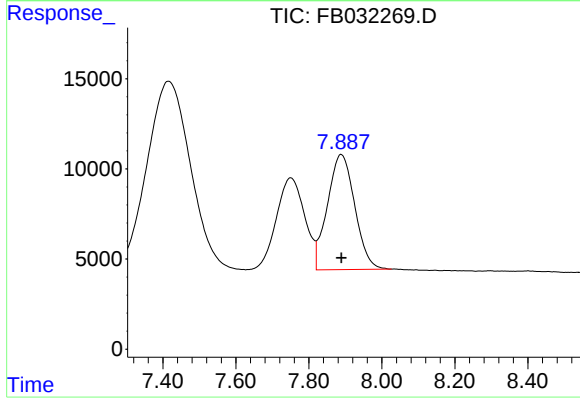
#2 2,2,4-Trimethylpentane

R.T.: 7.416 min  
Delta R.T.: 0.000 min  
Response: 885257  
Conc: 30.00 ng/ml



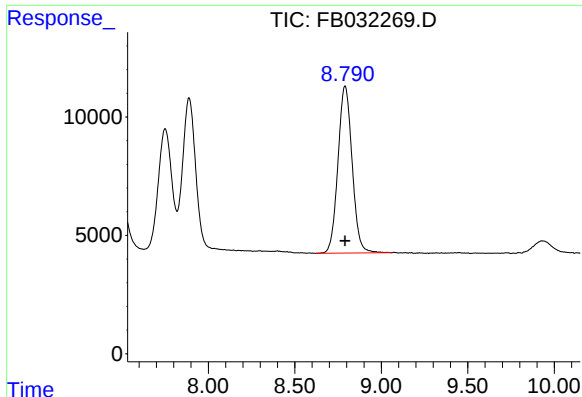
#3 n-Heptane

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 278881  
Conc: 10.00 ng/ml



#4 Benzene

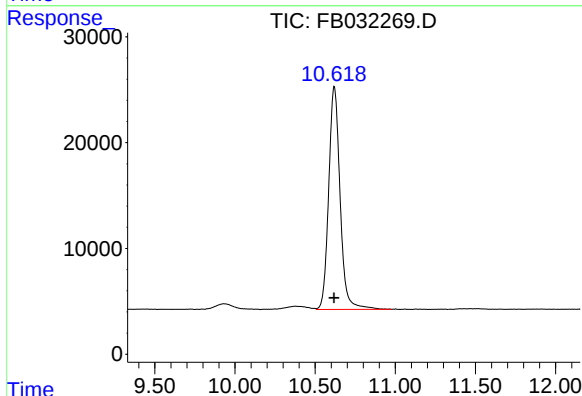
R.T.: 7.889 min  
Delta R.T.: 0.000 min  
Response: 332478  
Conc: 10.00 ng/ml



#5 AAA-TFT

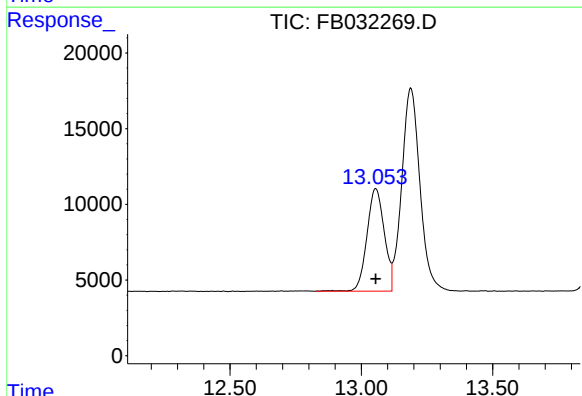
R.T.: 8.791 min  
Delta R.T.: 0.000 min  
Response: 401913  
Conc: 20.00 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 GRO STD



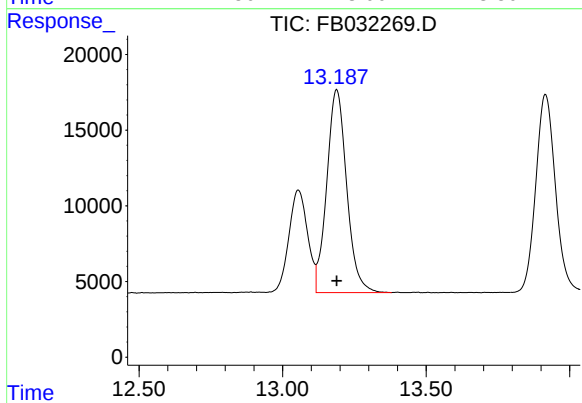
#6 Toluene

R.T.: 10.619 min  
Delta R.T.: 0.000 min  
Response: 1045068  
Conc: 30.00 ng/ml



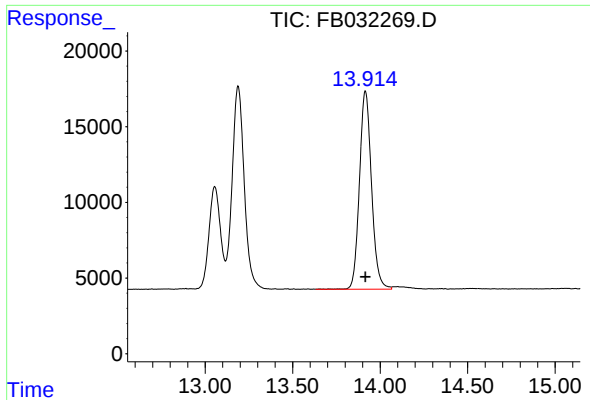
#7 Ethylbenzene

R.T.: 13.055 min  
Delta R.T.: 0.000 min  
Response: 310764  
Conc: 10.00 ng/ml



#8 m-Xylene

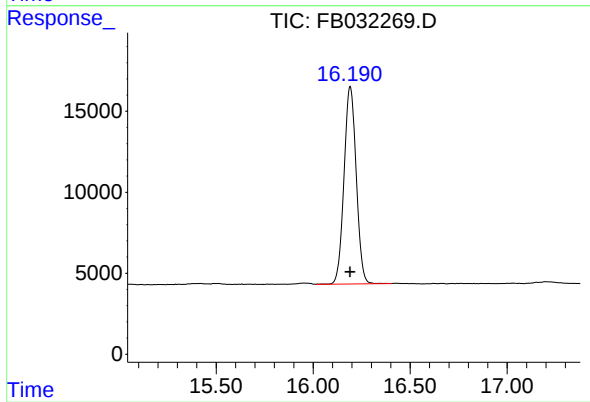
R.T.: 13.189 min  
Delta R.T.: 0.000 min  
Response: 646179  
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.916 min  
Delta R.T.: 0.000 min  
Response: 627399  
Conc: 20.00 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.191 min  
Delta R.T.: 0.000 min  
Response: 531934  
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032269.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 10:38  
Sample : 20 GRO STD  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.707       | 4.537        | 4.866      | BV       | 10868          | 791006       | 75.69%         | 13.519%       |
| 2         | 7.416       | 7.198        | 7.628      | BV       | 10554          | 885257       | 84.71%         | 15.130%       |
| 3         | 7.751       | 7.628        | 7.820      | VV       | 5130           | 278881       | 26.69%         | 4.766%        |
| 4         | 7.889       | 7.820        | 8.027      | VV       | 6397           | 332478       | 31.81%         | 5.683%        |
| 5         | 8.791       | 8.623        | 9.060      | BV       | 7061           | 401913       | 38.46%         | 6.869%        |
| 6         | 10.619      | 10.507       | 10.978     | VV       | 21084          | 1045068      | 100.00%        | 17.862%       |
| 7         | 13.055      | 12.829       | 13.117     | BV       | 6782           | 310764       | 29.74%         | 5.311%        |
| 8         | 13.189      | 13.117       | 13.380     | VV       | 13426          | 646179       | 61.83%         | 11.044%       |
| 9         | 13.916      | 13.633       | 14.065     | BV       | 13100          | 627399       | 60.03%         | 10.723%       |
| 10        | 16.191      | 16.015       | 16.404     | PBA      | 12191          | 531934       | 50.90%         | 9.092%        |

Sum of corrected areas: 5850879

FB102725.M Tue Oct 28 04:59:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032270.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 11:06  
 Operator : YP/AJ  
 Sample : 50 GRO STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 50 GRO STD

Integration File: Calibration.e  
 Quant Time: Oct 28 04:51:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:50:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.793  | 1012863  | 50.402 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.709  | 2135468  | 80.991 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.419  | 2428009  | 82.282 ng/ml |
| 3) t n-Heptane               | 7.752  | 778345   | 27.910 ng/ml |
| 4) t Benzene                 | 7.891  | 959186   | 28.850 ng/ml |
| 6) t Toluene                 | 10.621 | 2802013  | 80.435 ng/ml |
| 7) t Ethylbenzene            | 13.057 | 823829   | 26.510 ng/ml |
| 8) t m-Xylene                | 13.191 | 1721184  | 53.273 ng/ml |
| 9) t O-Xylene                | 13.918 | 1647704  | 52.525 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.193 | 1387789  | 52.179 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

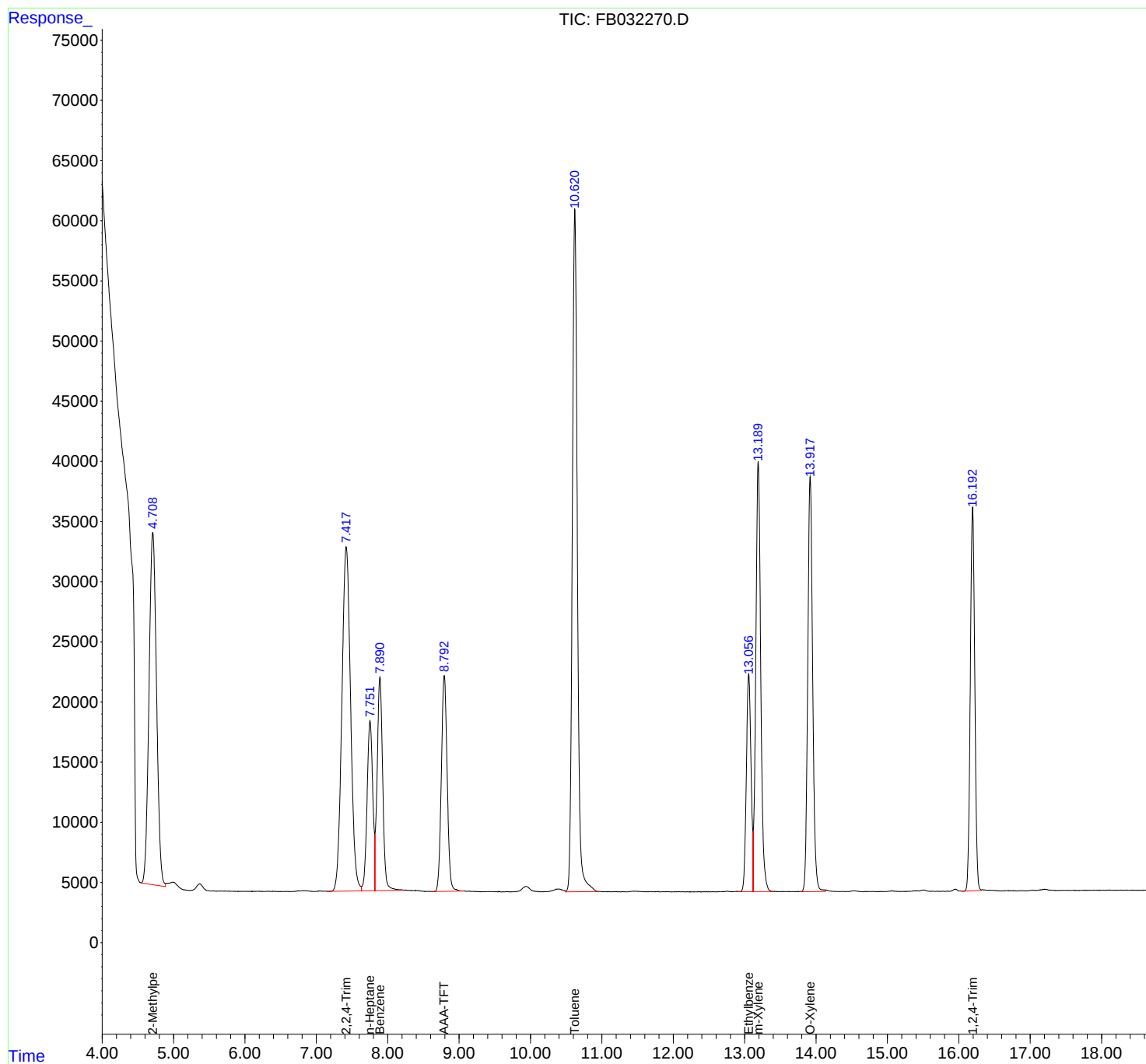
(m)=manual int.

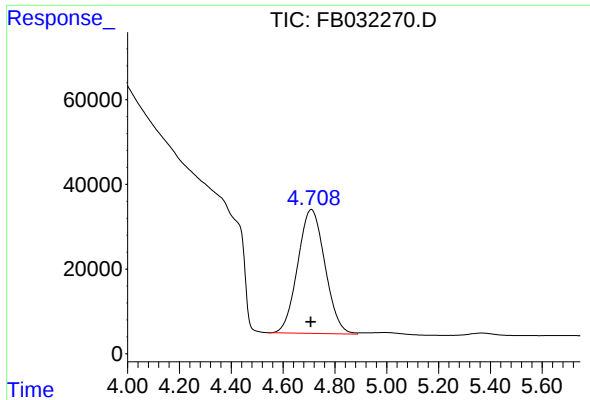
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032270.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 11:06  
Operator : YP/AJ  
Sample : 50 GRO STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
50 GRO STD

Integration File: Calibration.e  
Quant Time: Oct 28 04:51:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:50:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

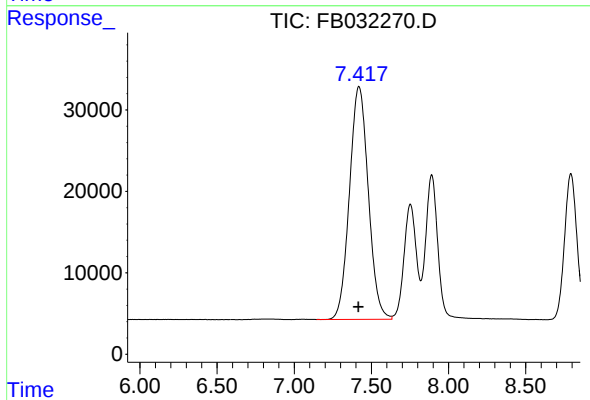




#1 2-Methylpentane

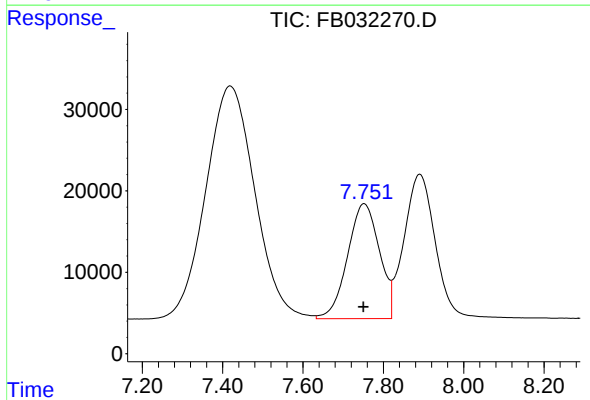
R.T.: 4.709 min  
Delta R.T.: 0.002 min  
Response: 2135468  
Conc: 80.99 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
50 GRO STD



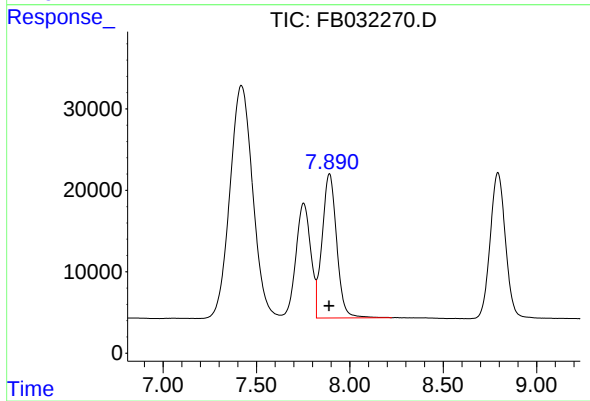
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min  
Delta R.T.: 0.003 min  
Response: 2428009  
Conc: 82.28 ng/ml



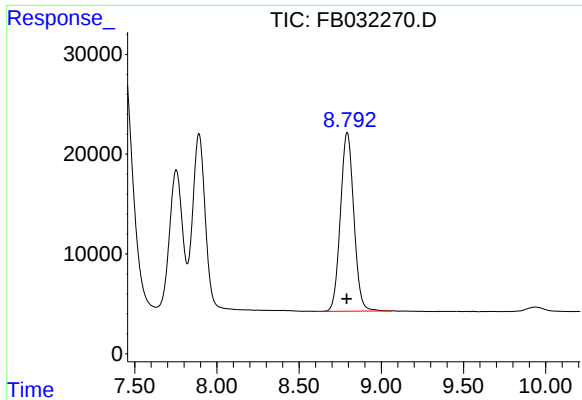
#3 n-Heptane

R.T.: 7.752 min  
Delta R.T.: 0.002 min  
Response: 778345  
Conc: 27.91 ng/ml



#4 Benzene

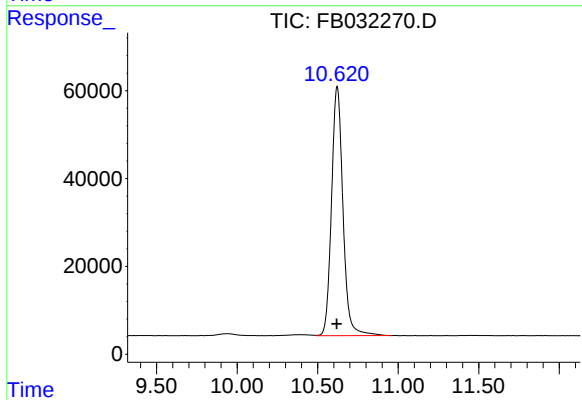
R.T.: 7.891 min  
Delta R.T.: 0.002 min  
Response: 959186  
Conc: 28.85 ng/ml



#5 AAA-TFT

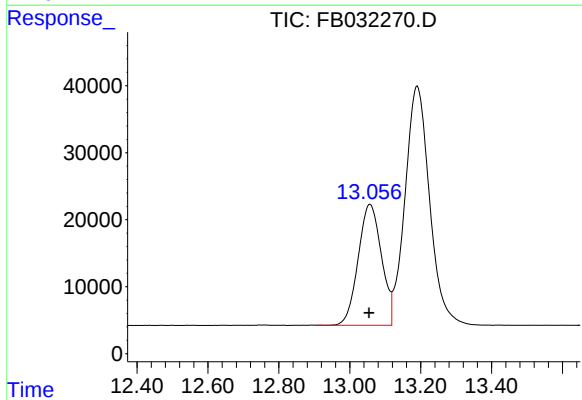
R.T.: 8.793 min  
Delta R.T.: 0.002 min  
Response: 1012863  
Conc: 50.40 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
50 GRO STD



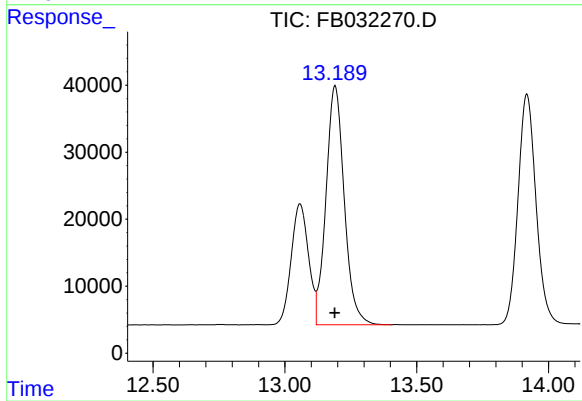
#6 Toluene

R.T.: 10.621 min  
Delta R.T.: 0.002 min  
Response: 2802013  
Conc: 80.44 ng/ml



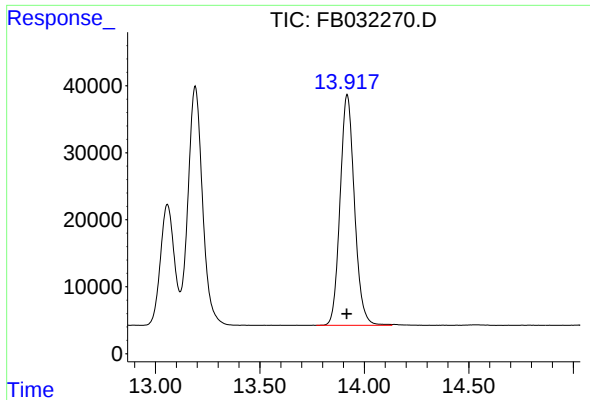
#7 Ethylbenzene

R.T.: 13.057 min  
Delta R.T.: 0.002 min  
Response: 823829  
Conc: 26.51 ng/ml



#8 m-Xylene

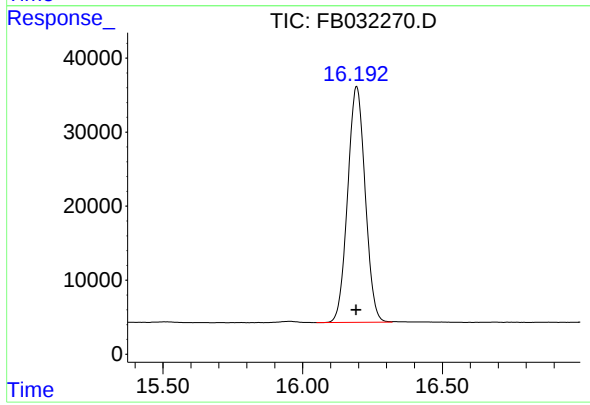
R.T.: 13.191 min  
Delta R.T.: 0.002 min  
Response: 1721184  
Conc: 53.27 ng/ml



#9 O-Xylene

R.T.: 13.918 min  
Delta R.T.: 0.002 min  
Response: 1647704  
Conc: 52.52 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
50 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min  
Delta R.T.: 0.002 min  
Response: 1387789  
Conc: 52.18 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032270.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 11:06  
Sample : 50 GRO STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.709       | 4.543        | 4.887      | BV       | 29291          | 2135468      | 76.21%         | 13.605%       |
| 2         | 7.419       | 7.143        | 7.633      | PV       | 28611          | 2428009      | 86.65%         | 15.469%       |
| 3         | 7.752       | 7.633        | 7.821      | VV       | 14130          | 778345       | 27.78%         | 4.959%        |
| 4         | 7.891       | 7.821        | 8.225      | VV       | 17729          | 959186       | 34.23%         | 6.111%        |
| 5         | 8.793       | 8.604        | 9.063      | BV       | 17930          | 1012863      | 36.15%         | 6.453%        |
| 6         | 10.621      | 10.491       | 10.959     | VV       | 56732          | 2802013      | 100.00%        | 17.851%       |
| 7         | 13.057      | 12.905       | 13.119     | VV       | 18076          | 823829       | 29.40%         | 5.249%        |
| 8         | 13.191      | 13.119       | 13.405     | VV       | 35718          | 1721184      | 61.43%         | 10.965%       |
| 9         | 13.918      | 13.769       | 14.131     | PV       | 34452          | 1647704      | 58.80%         | 10.497%       |
| 10        | 16.193      | 16.049       | 16.320     | PV       | 31886          | 1387789      | 49.53%         | 8.841%        |

Sum of corrected areas: 15696389

FB102725.M Tue Oct 28 05:05:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032271.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 11:34  
 Operator : YP/AJ  
 Sample : 100 GRO STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 100 GRO STD

Integration File: Calibration.e  
 Quant Time: Oct 28 04:51:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:50:10 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                    |                        | R.T.   | Response | Conc Units    |
|-----------------------------|------------------------|--------|----------|---------------|
| -----                       |                        |        |          |               |
| System Monitoring Compounds |                        |        |          |               |
| 5) s                        | AAA-TFT                | 8.791  | 2060599  | 102.540 ng/ml |
| Target Compounds            |                        |        |          |               |
| 1) t                        | 2-Methylpentane        | 4.705  | 4614718  | 175.019 ng/ml |
| 2) t                        | 2,2,4-Trimethylpentane | 7.420  | 5091748  | 172.552 ng/ml |
| 3) t                        | n-Heptane              | 7.751  | 1689329  | 60.575 ng/ml  |
| 4) t                        | Benzene                | 7.890  | 2034640  | 61.196 ng/ml  |
| 6) t                        | Toluene                | 10.621 | 5799323  | 166.477 ng/ml |
| 7) t                        | Ethylbenzene           | 13.057 | 1681092  | 54.095 ng/ml  |
| 8) t                        | m-Xylene               | 13.191 | 3521215  | 108.986 ng/ml |
| 9) t                        | O-Xylene               | 13.918 | 3354073  | 106.920 ng/ml |
| 10) t                       | 1,2,4-Trimethylbenzene | 16.194 | 2778360  | 104.463 ng/ml |
| -----                       |                        |        |          |               |

(f)=RT Delta > 1/2 Window

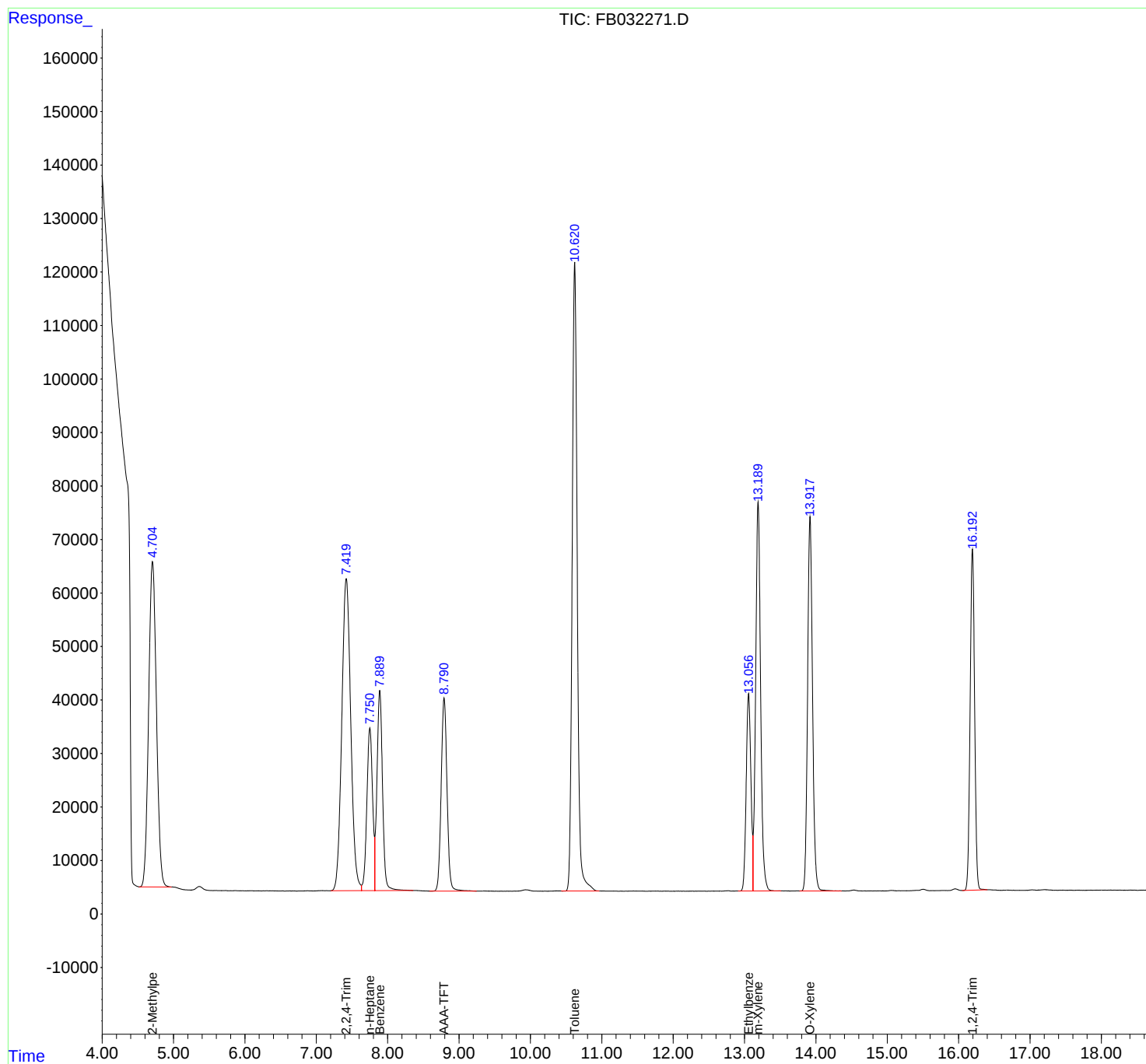
(m)=manual int.

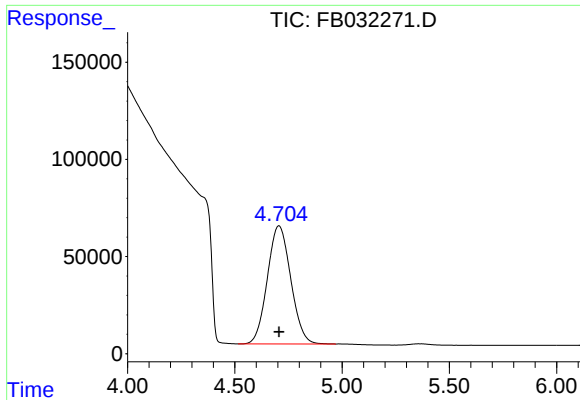
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032271.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 11:34  
Operator : YP/AJ  
Sample : 100 GRO STD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD

Integration File: Calibration.e  
Quant Time: Oct 28 04:51:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:50:10 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

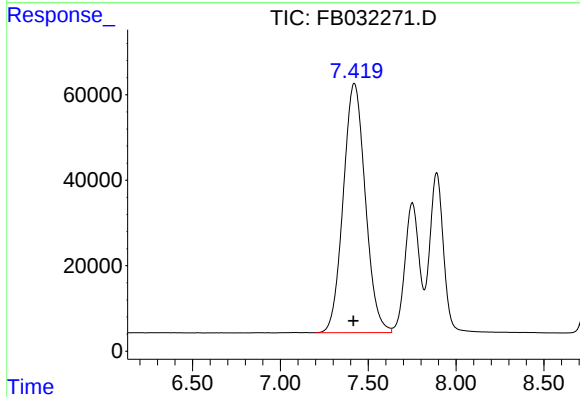




#1 2-Methylpentane

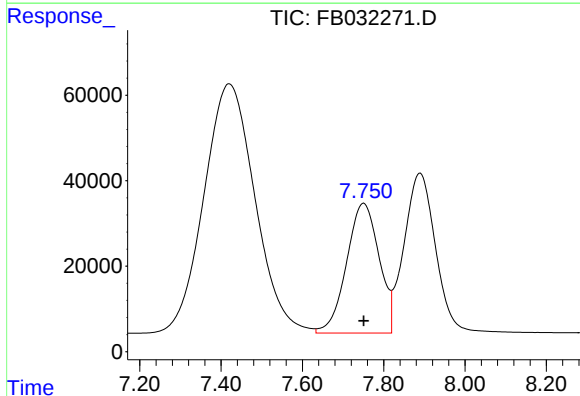
R.T.: 4.705 min  
Delta R.T.: -0.002 min  
Response: 4614718  
Conc: 175.02 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD



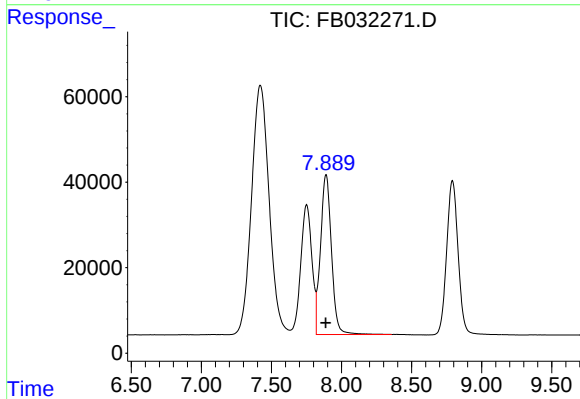
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min  
Delta R.T.: 0.004 min  
Response: 5091748  
Conc: 172.55 ng/ml



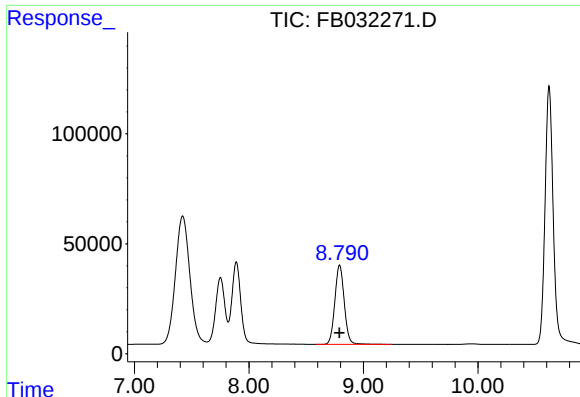
#3 n-Heptane

R.T.: 7.751 min  
Delta R.T.: 0.000 min  
Response: 1689329  
Conc: 60.58 ng/ml



#4 Benzene

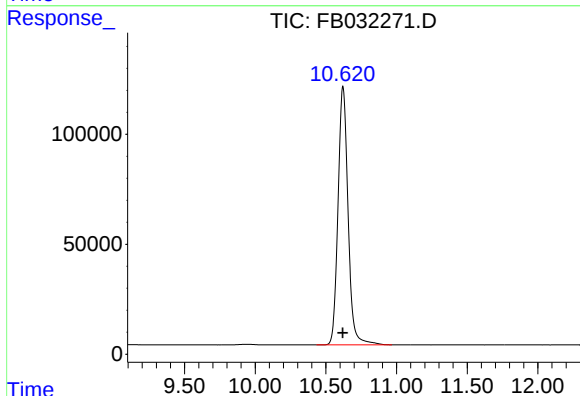
R.T.: 7.890 min  
Delta R.T.: 0.000 min  
Response: 2034640  
Conc: 61.20 ng/ml



#5 AAA-TFT

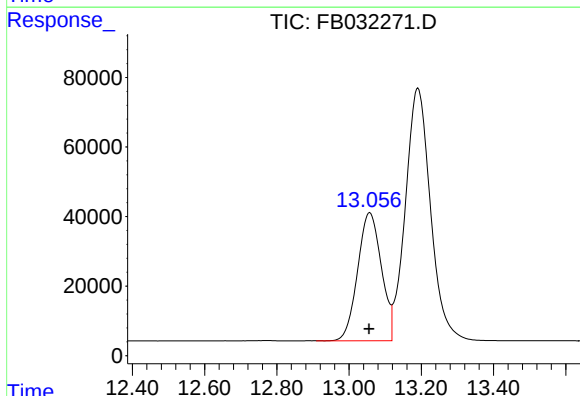
R.T.: 8.791 min  
Delta R.T.: 0.000 min  
Response: 2060599  
Conc: 102.54 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD



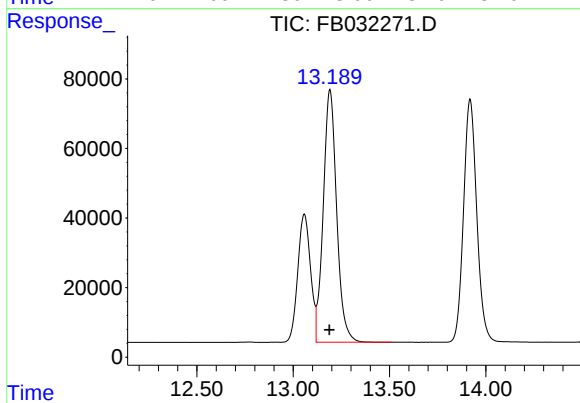
#6 Toluene

R.T.: 10.621 min  
Delta R.T.: 0.002 min  
Response: 5799323  
Conc: 166.48 ng/ml



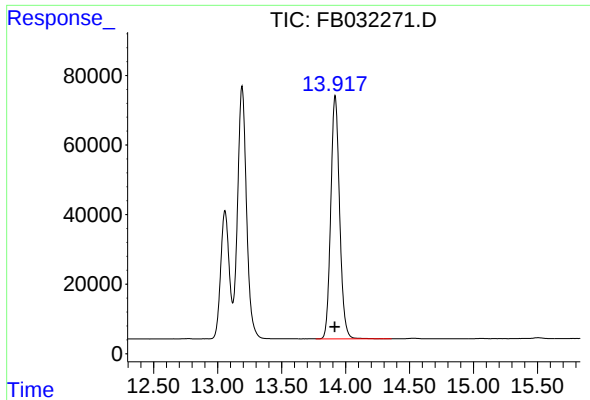
#7 Ethylbenzene

R.T.: 13.057 min  
Delta R.T.: 0.003 min  
Response: 1681092  
Conc: 54.10 ng/ml



#8 m-Xylene

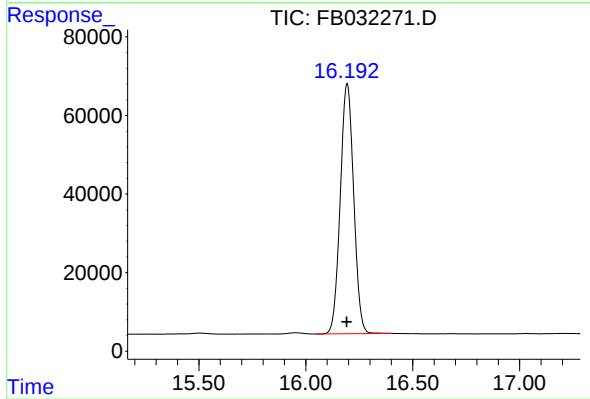
R.T.: 13.191 min  
Delta R.T.: 0.002 min  
Response: 3521215  
Conc: 108.99 ng/ml



#9 O-Xylene

R.T.: 13.918 min  
Delta R.T.: 0.002 min  
Response: 3354073  
Conc: 106.92 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min  
Delta R.T.: 0.002 min  
Response: 2778360  
Conc: 104.46 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032271.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 11:34  
Sample : 100 GRO STD  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.705       | 4.515        | 4.971      | BV       | 60819          | 4614718      | 79.57%         | 14.145%       |
| 2         | 7.420       | 7.203        | 7.633      | PV       | 58336          | 5091748      | 87.80%         | 15.607%       |
| 3         | 7.751       | 7.633        | 7.820      | VV       | 30403          | 1689329      | 29.13%         | 5.178%        |
| 4         | 7.890       | 7.820        | 8.359      | VV       | 37452          | 2034640      | 35.08%         | 6.236%        |
| 5         | 8.791       | 8.587        | 9.247      | BV       | 36111          | 2060599      | 35.53%         | 6.316%        |
| 6         | 10.621      | 10.432       | 10.967     | BV       | 117470         | 5799323      | 100.00%        | 17.776%       |
| 7         | 13.058      | 12.909       | 13.119     | BV       | 36880          | 1681092      | 28.99%         | 5.153%        |
| 8         | 13.191      | 13.119       | 13.511     | VV       | 72664          | 3521215      | 60.72%         | 10.793%       |
| 9         | 13.918      | 13.770       | 14.360     | VV       | 69895          | 3354073      | 57.84%         | 10.281%       |
| 10        | 16.194      | 16.049       | 16.403     | PBA      | 63707          | 2778360      | 47.91%         | 8.516%        |

Sum of corrected areas: 32625096

FB102725.M Tue Oct 28 05:05:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
 Data File : FB032272.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2025 12:20  
 Operator : YP/AJ  
 Sample : FB1027GROICV  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 FB1027GROICV

Integration File: Calibration.e  
 Quant Time: Oct 28 05:08:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.792  | 403255   | 19.882 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.709  | 861990   | 31.465 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.418  | 959880   | 31.155 ng/ml |
| 3) t n-Heptane               | 7.753  | 302582   | 10.327 ng/ml |
| 4) t Benzene                 | 7.891  | 350778   | 10.133 ng/ml |
| 6) t Toluene                 | 10.621 | 1076294  | 30.080 ng/ml |
| 7) t Ethylbenzene            | 13.057 | 322035   | 10.126 ng/ml |
| 8) t m-Xylene                | 13.191 | 679084   | 20.391 ng/ml |
| 9) t O-Xylene                | 13.918 | 653154   | 20.340 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.193 | 583266   | 21.079 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

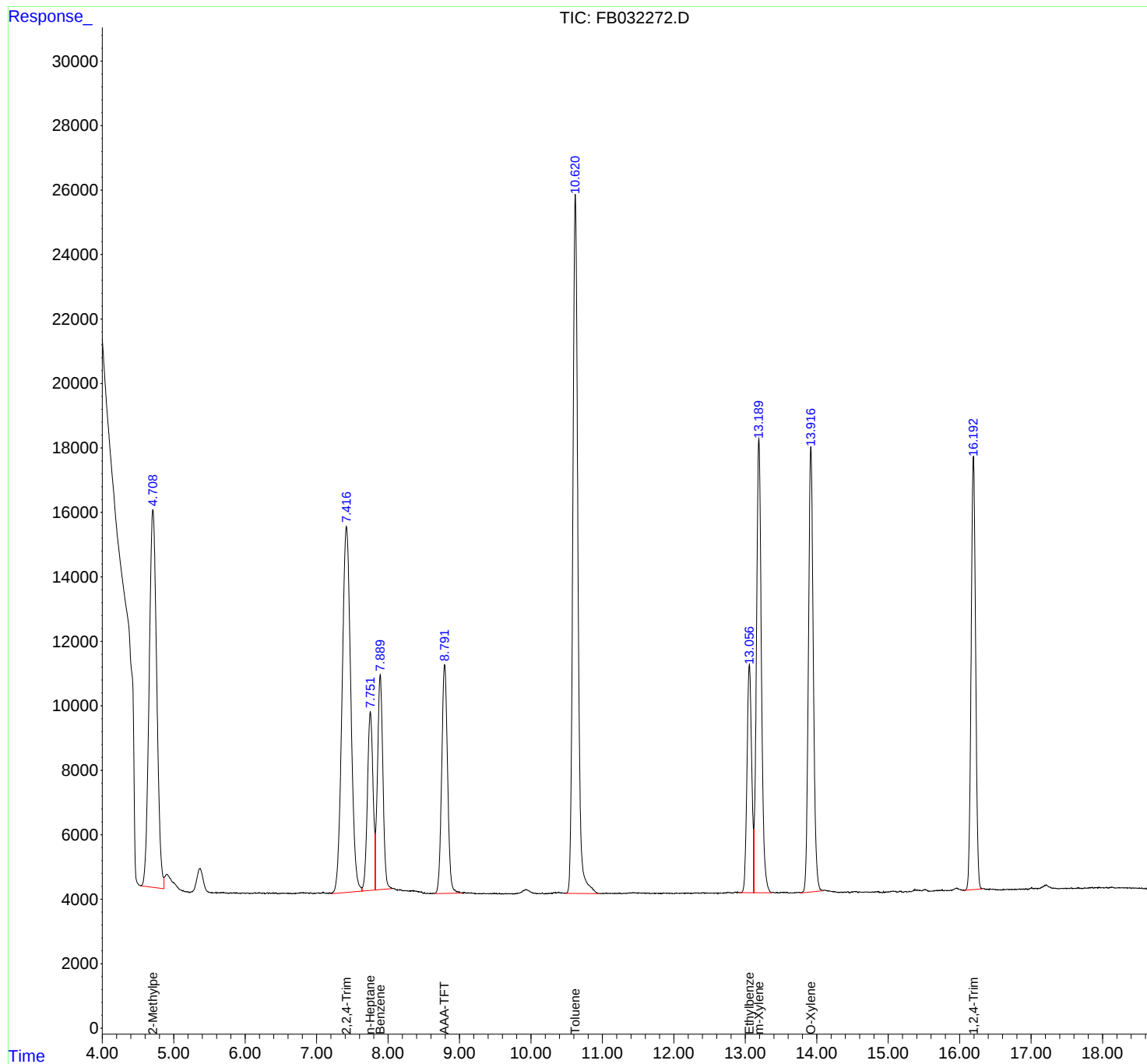
(m)=manual int.

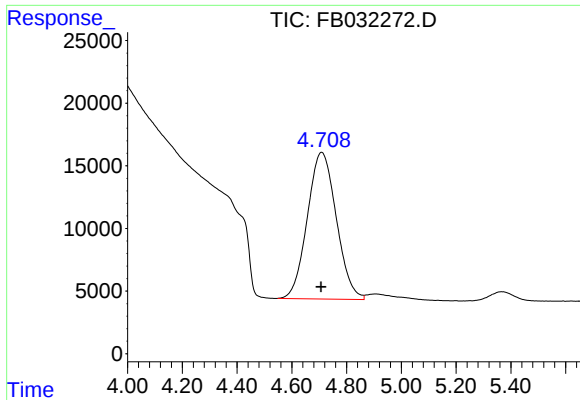
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032272.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 12:20  
Operator : YP/AJ  
Sample : FB1027GROICV  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
FB1027GROICV

Integration File: Calibration.e  
Quant Time: Oct 28 05:08:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

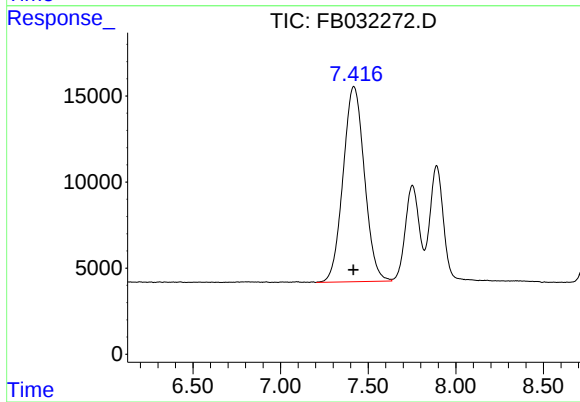




#1 2-Methylpentane

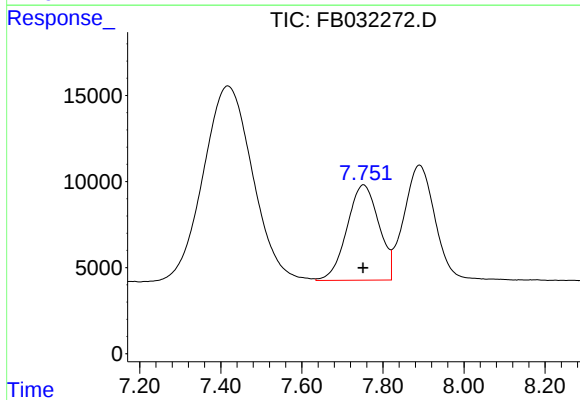
R.T.: 4.709 min  
Delta R.T.: 0.002 min  
Response: 861990  
Conc: 31.47 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
FB1027GROICV



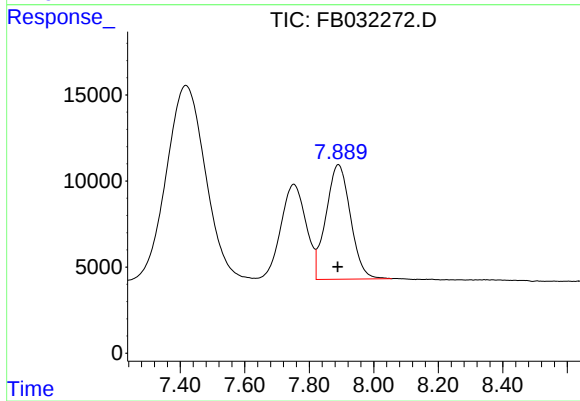
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min  
Delta R.T.: 0.002 min  
Response: 959880  
Conc: 31.16 ng/ml



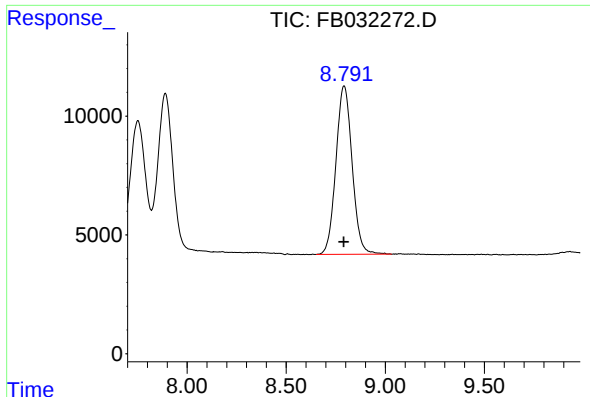
#3 n-Heptane

R.T.: 7.753 min  
Delta R.T.: 0.002 min  
Response: 302582  
Conc: 10.33 ng/ml



#4 Benzene

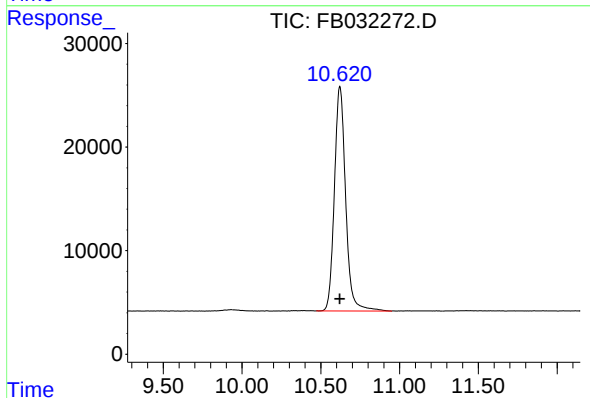
R.T.: 7.891 min  
Delta R.T.: 0.002 min  
Response: 350778  
Conc: 10.13 ng/ml



#5 AAA-TFT

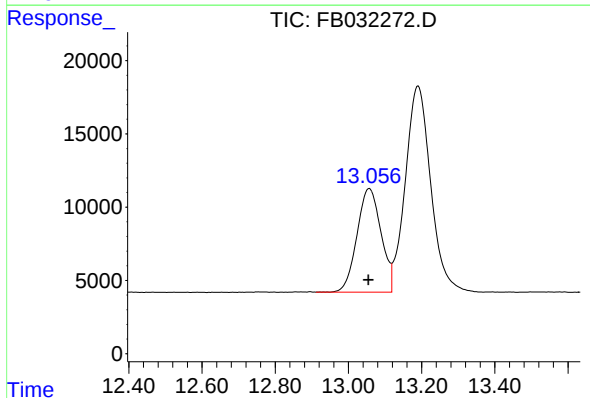
R.T.: 8.792 min  
Delta R.T.: 0.002 min  
Response: 403255  
Conc: 19.88 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
FB1027GROICV



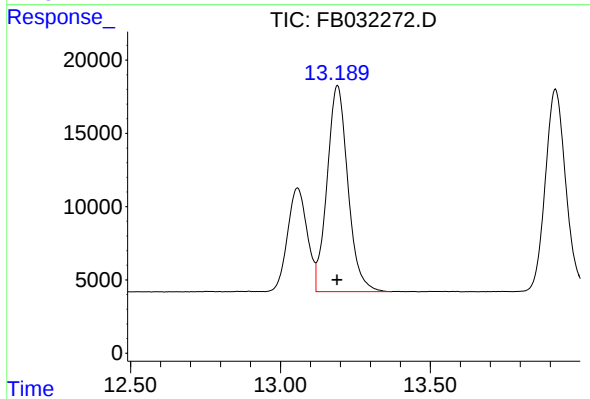
#6 Toluene

R.T.: 10.621 min  
Delta R.T.: 0.002 min  
Response: 1076294  
Conc: 30.08 ng/ml



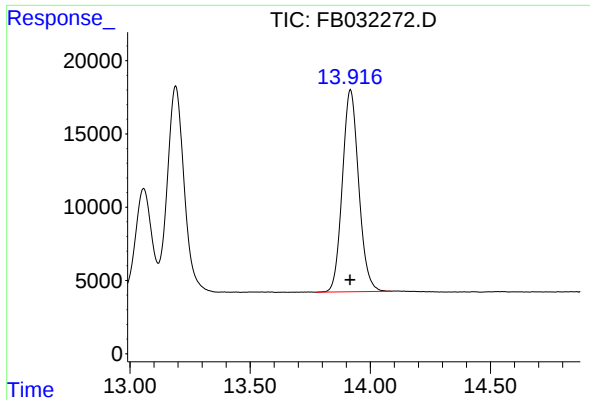
#7 Ethylbenzene

R.T.: 13.057 min  
Delta R.T.: 0.002 min  
Response: 322035  
Conc: 10.13 ng/ml



#8 m-Xylene

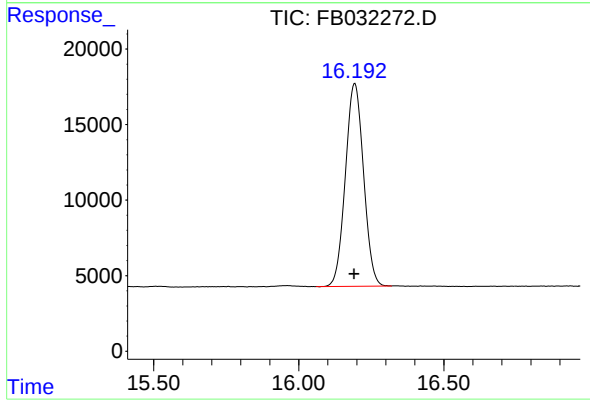
R.T.: 13.191 min  
Delta R.T.: 0.002 min  
Response: 679084  
Conc: 20.39 ng/ml



#9 O-Xylene

R.T.: 13.918 min  
Delta R.T.: 0.002 min  
Response: 653154  
Conc: 20.34 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
FB1027GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min  
Delta R.T.: 0.002 min  
Response: 583266  
Conc: 21.08 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB102725\  
Data File : FB032272.D  
Signal(s) : FID2B.CH  
Acq On : 27 Oct 2025 12:20  
Sample : FB1027GR0ICV  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.709       | 4.548        | 4.864      | PV       | 11711          | 861990       | 80.09%         | 13.920%       |
| 2         | 7.418       | 7.204        | 7.635      | BV       | 11350          | 959880       | 89.18%         | 15.501%       |
| 3         | 7.753       | 7.635        | 7.821      | VV       | 5544           | 302582       | 28.11%         | 4.886%        |
| 4         | 7.891       | 7.821        | 8.056      | VV       | 6663           | 350778       | 32.59%         | 5.665%        |
| 5         | 8.792       | 8.651        | 9.032      | VV       | 7092           | 403255       | 37.47%         | 6.512%        |
| 6         | 10.621      | 10.471       | 10.951     | BV       | 21676          | 1076294      | 100.00%        | 17.381%       |
| 7         | 13.057      | 12.912       | 13.119     | BV       | 7075           | 322035       | 29.92%         | 5.201%        |
| 8         | 13.191      | 13.119       | 13.371     | VV       | 14074          | 679084       | 63.09%         | 10.967%       |
| 9         | 13.918      | 13.775       | 14.090     | PV       | 13804          | 653154       | 60.69%         | 10.548%       |
| 10        | 16.193      | 16.060       | 16.320     | BV       | 13441          | 583266       | 54.19%         | 9.419%        |

Sum of corrected areas: 6192319

FB102725.M Tue Oct 28 05:09:18 2025

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: ALLI03  
ProjectID: NJ Soil PT  
Lab Code: ACE SDG No.: Q3483  
DataFile: FB032285.D Analyst Name: YP/AJ Analyst Date: 11-04-2025

| Conc. (PPB) | Area Count | RF    | Average RF | %D     |
|-------------|------------|-------|------------|--------|
| 180         | 6648319    | 36935 | 31325      | 17.909 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032285.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 8:23  
 Operator : YP/AJ  
 Sample : 20 PPB GRO STD  
 Misc :  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 20 PPB GRO STD

Integration File: Calibration.e  
 Quant Time: Nov 04 22:35:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.790  | 443510   | 21.866 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.709  | 919363   | 33.560 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.414  | 1042928  | 33.851 ng/ml |
| 3) t n-Heptane               | 7.750  | 342997   | 11.706 ng/ml |
| 4) t Benzene                 | 7.888  | 399643   | 11.544 ng/ml |
| 6) t Toluene                 | 10.619 | 1278235  | 35.724 ng/ml |
| 7) t Ethylbenzene            | 13.055 | 378121   | 11.889 ng/ml |
| 8) t m-Xylene                | 13.188 | 879503   | 26.409 ng/ml |
| 9) t O-Xylene                | 13.915 | 738772   | 23.006 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.191 | 668757   | 24.169 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

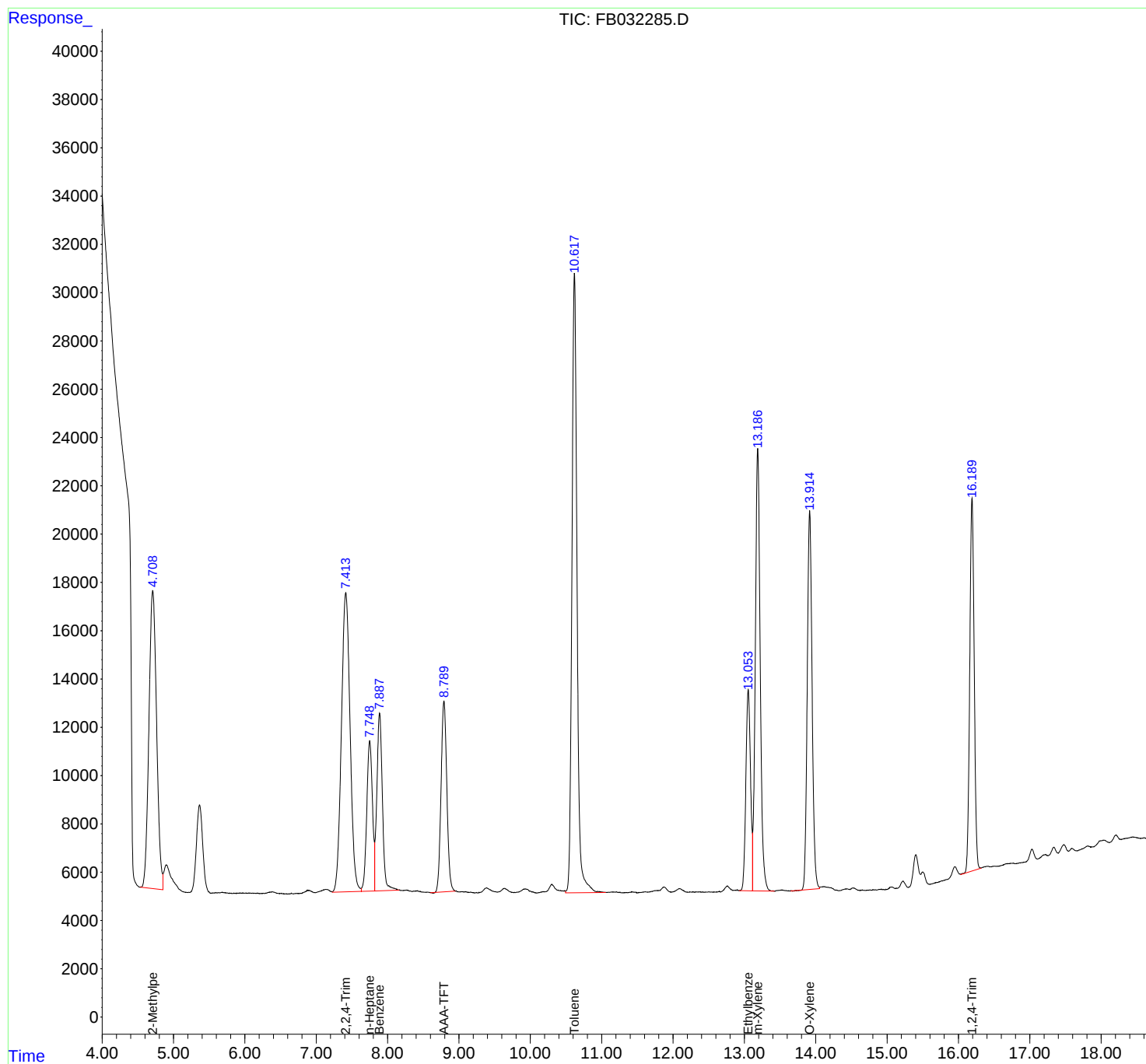
(m)=manual int.

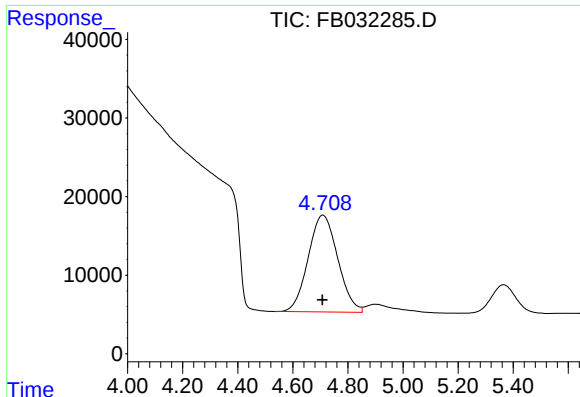
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032285.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 8:23  
Operator : YP/AJ  
Sample : 20 PPB GRO STD  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD

Integration File: Calibration.e  
Quant Time: Nov 04 22:35:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

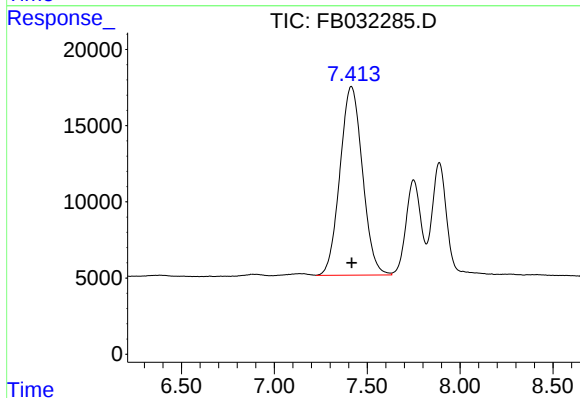




#1 2-Methylpentane

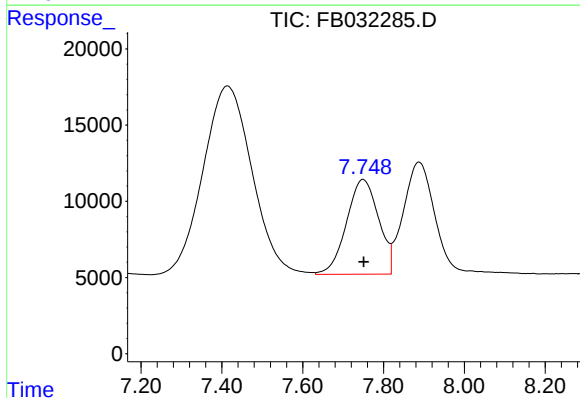
R.T.: 4.709 min  
Delta R.T.: 0.002 min  
Response: 919363  
Conc: 33.56 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



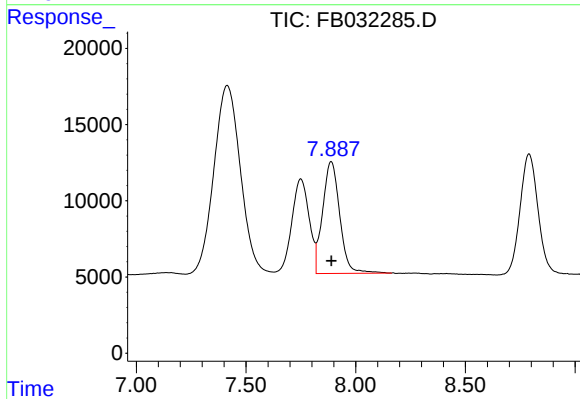
#2 2,2,4-Trimethylpentane

R.T.: 7.414 min  
Delta R.T.: -0.002 min  
Response: 1042928  
Conc: 33.85 ng/ml



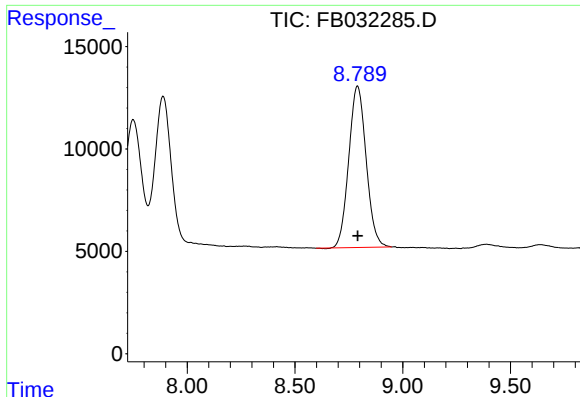
#3 n-Heptane

R.T.: 7.750 min  
Delta R.T.: -0.001 min  
Response: 342997  
Conc: 11.71 ng/ml



#4 Benzene

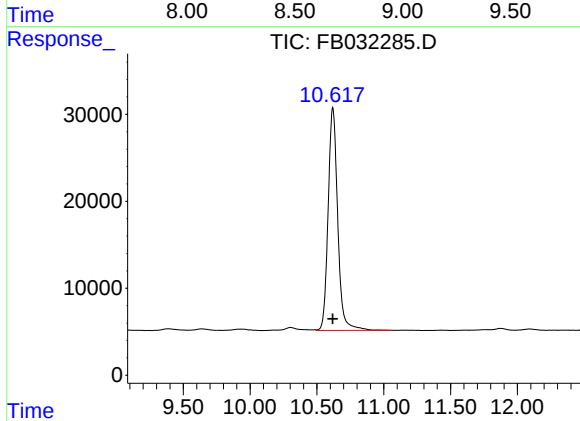
R.T.: 7.888 min  
Delta R.T.: 0.000 min  
Response: 399643  
Conc: 11.54 ng/ml



#5 AAA-TFT

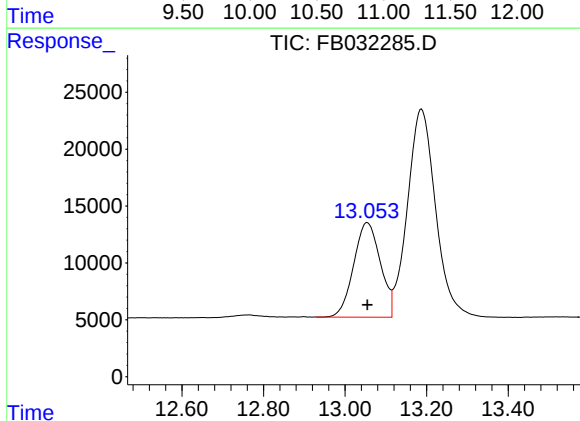
R.T.: 8.790 min  
Delta R.T.: 0.000 min  
Response: 443510  
Conc: 21.87 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



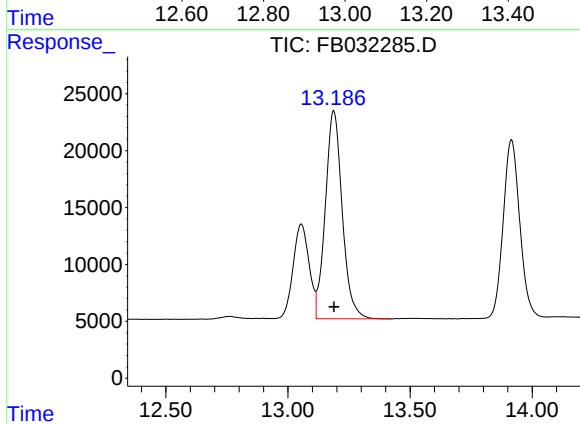
#6 Toluene

R.T.: 10.619 min  
Delta R.T.: 0.000 min  
Response: 1278235  
Conc: 35.72 ng/ml



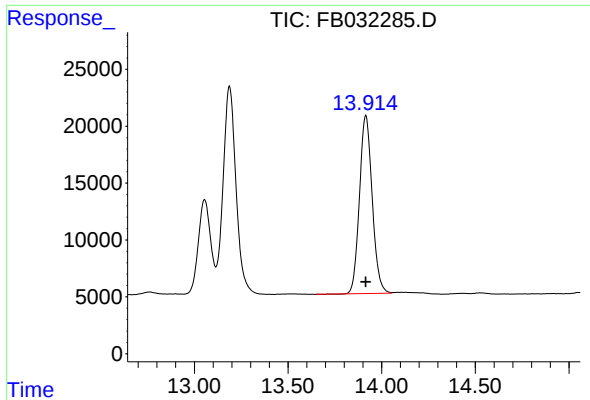
#7 Ethylbenzene

R.T.: 13.055 min  
Delta R.T.: 0.000 min  
Response: 378121  
Conc: 11.89 ng/ml



#8 m-Xylene

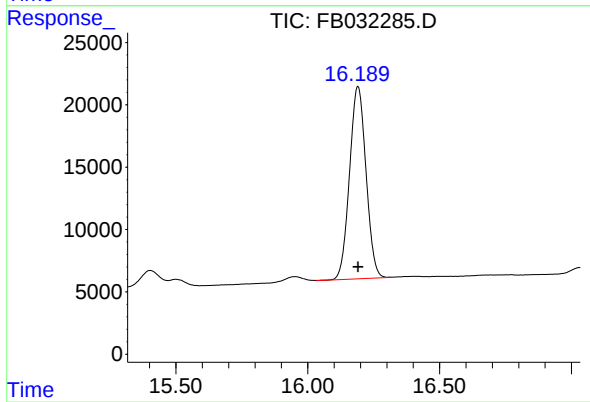
R.T.: 13.188 min  
Delta R.T.: -0.001 min  
Response: 879503  
Conc: 26.41 ng/ml



#9 O-Xylene

R.T.: 13.915 min  
Delta R.T.: 0.000 min  
Response: 738772  
Conc: 23.01 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.191 min  
Delta R.T.: 0.000 min  
Response: 668757  
Conc: 24.17 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032285.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 8:23  
Sample : 20 PPB GRO STD  
Misc :  
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.709       | 4.534        | 4.851      | BV       | 12335          | 919363       | 71.92%         | 12.964%       |
| 2         | 7.414       | 7.226        | 7.632      | VV       | 12392          | 1042928      | 81.59%         | 14.706%       |
| 3         | 7.750       | 7.632        | 7.819      | VV       | 6229           | 342997       | 26.83%         | 4.837%        |
| 4         | 7.888       | 7.819        | 8.164      | VV       | 7355           | 399643       | 31.27%         | 5.635%        |
| 5         | 8.790       | 8.598        | 8.949      | BV       | 7898           | 443510       | 34.70%         | 6.254%        |
| 6         | 10.619      | 10.494       | 11.059     | VV       | 25637          | 1278235      | 100.00%        | 18.024%       |
| 7         | 13.055      | 12.929       | 13.115     | BV       | 8321           | 378121       | 29.58%         | 5.332%        |
| 8         | 13.188      | 13.115       | 13.424     | VV       | 18308          | 879503       | 68.81%         | 12.402%       |
| 9         | 13.915      | 13.650       | 14.053     | BV       | 15678          | 738772       | 57.80%         | 10.417%       |
| 10        | 16.191      | 16.032       | 16.319     | VV       | 15429          | 668757       | 52.32%         | 9.430%        |

Sum of corrected areas: 7091829

FB102725.M Tue Nov 04 23:13:47 2025

**GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY**

**20 PPB GRO STD**

Lab Name: Alliane Contract: ALLI03  
ProjectID: NJ Soil PT  
Lab Code: ACE SDG No.: Q3483  
DataFile: FB032296.D Analyst Name: YP/AJ Analyst Date: 11-04-2025

| Conc. (PPB) | Area Count | RF    | Average RF | %D     |
|-------------|------------|-------|------------|--------|
| 180         | 6577907    | 36544 | 31325      | 16.661 |

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032296.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 14:09  
 Operator : YP/AJ  
 Sample : 20 PPB GRO STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 20 PPB GRO STD

Integration File: Calibration.e  
 Quant Time: Nov 04 22:36:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.797  | 418572   | 20.637 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.714  | 873687   | 31.892 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.422  | 1015648  | 32.965 ng/ml |
| 3) t n-Heptane               | 7.758  | 323594   | 11.044 ng/ml |
| 4) t Benzene                 | 7.896  | 399006   | 11.526 ng/ml |
| 6) t Toluene                 | 10.625 | 1245258  | 34.802 ng/ml |
| 7) t Ethylbenzene            | 13.061 | 382769   | 12.035 ng/ml |
| 8) t m-Xylene                | 13.194 | 880675   | 26.445 ng/ml |
| 9) t O-Xylene                | 13.921 | 758934   | 23.634 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.197 | 698336   | 25.238 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

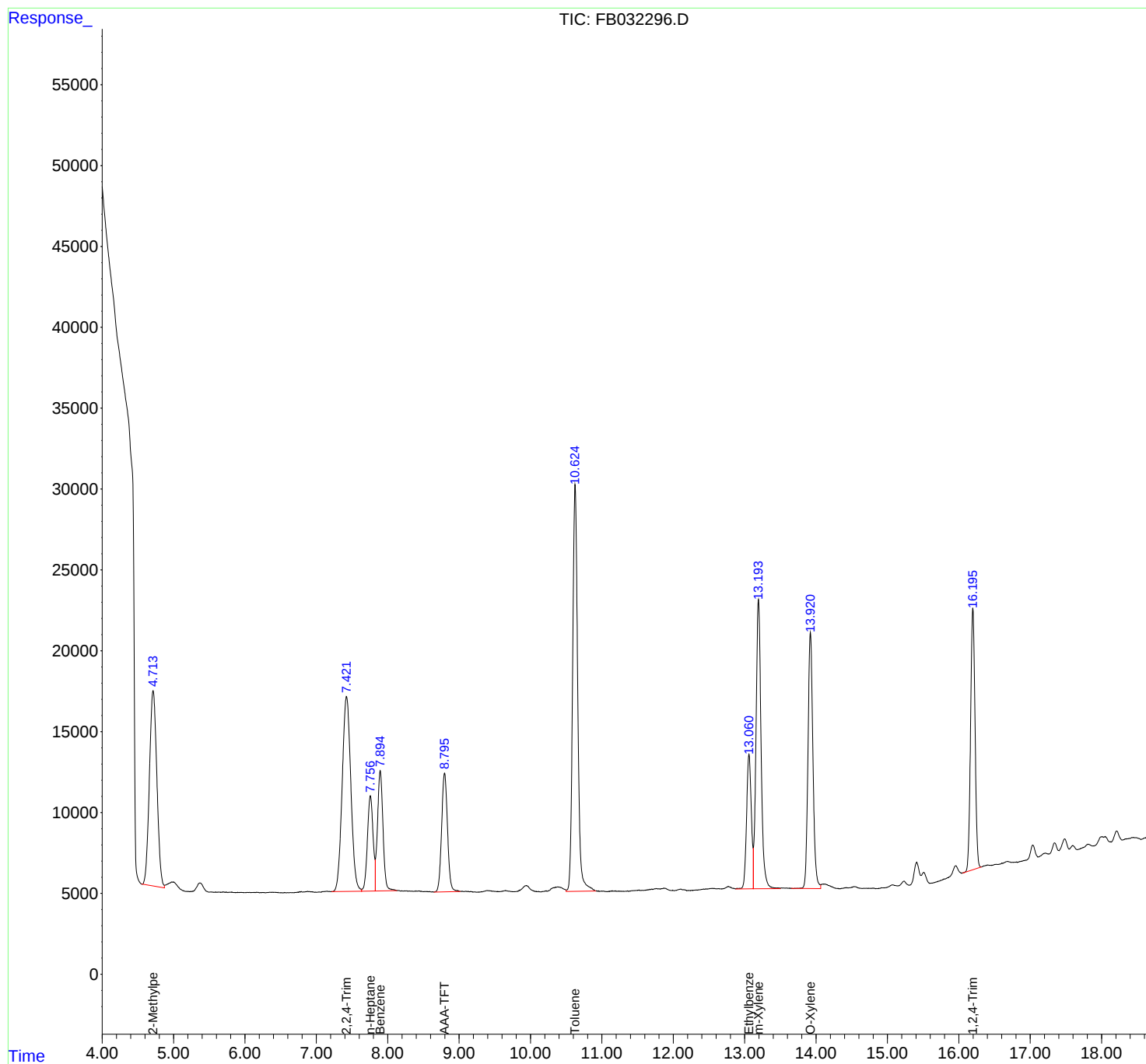
(m)=manual int.

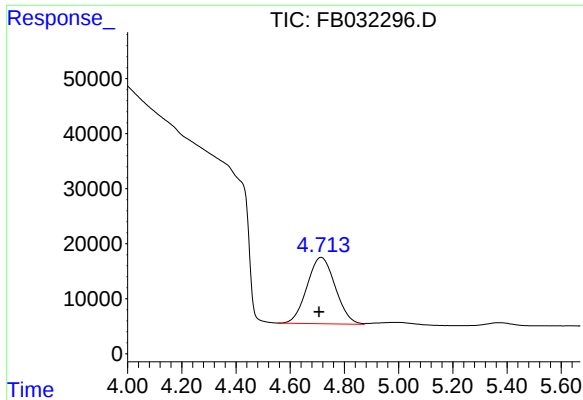
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032296.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 14:09  
Operator : YP/AJ  
Sample : 20 PPB GRO STD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD

Integration File: Calibration.e  
Quant Time: Nov 04 22:36:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

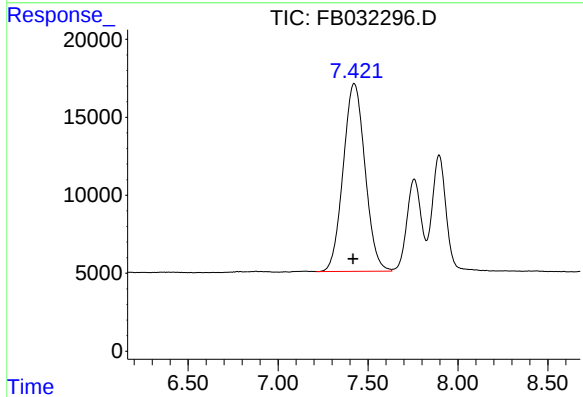




#1 2-Methylpentane

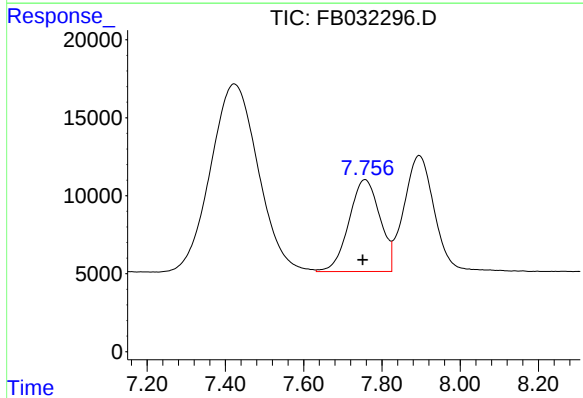
R.T.: 4.714 min  
Delta R.T.: 0.007 min  
Response: 873687  
Conc: 31.89 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



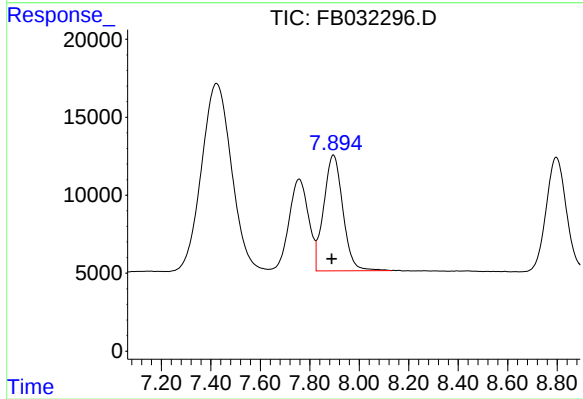
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min  
Delta R.T.: 0.006 min  
Response: 1015648  
Conc: 32.97 ng/ml



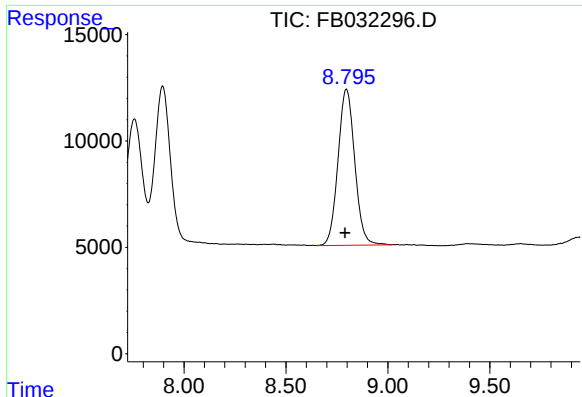
#3 n-Heptane

R.T.: 7.758 min  
Delta R.T.: 0.007 min  
Response: 323594  
Conc: 11.04 ng/ml



#4 Benzene

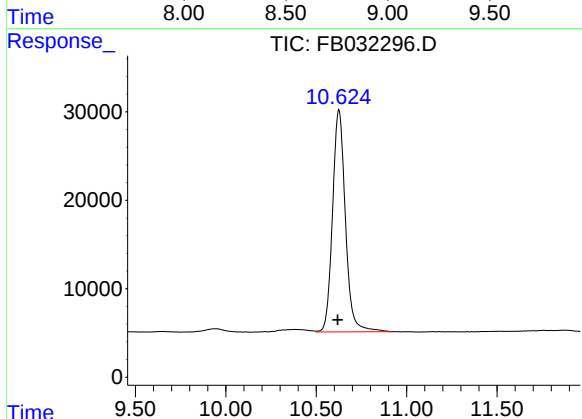
R.T.: 7.896 min  
Delta R.T.: 0.007 min  
Response: 399006  
Conc: 11.53 ng/ml



#5 AAA-TFT

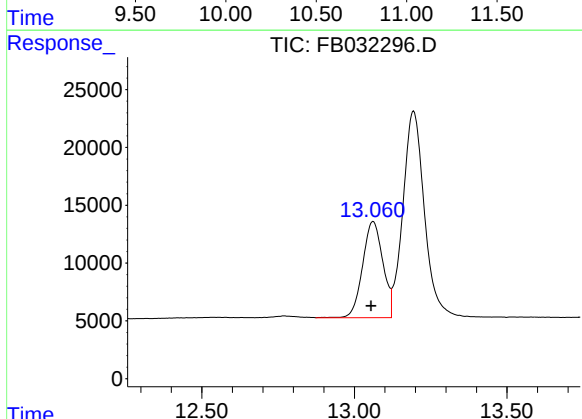
R.T.: 8.797 min  
Delta R.T.: 0.006 min  
Response: 418572  
Conc: 20.64 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



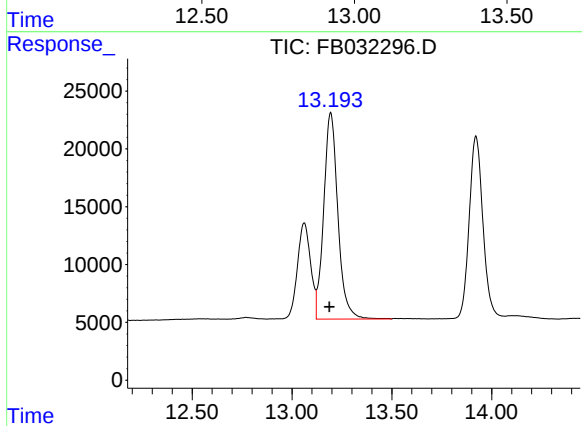
#6 Toluene

R.T.: 10.625 min  
Delta R.T.: 0.006 min  
Response: 1245258  
Conc: 34.80 ng/ml



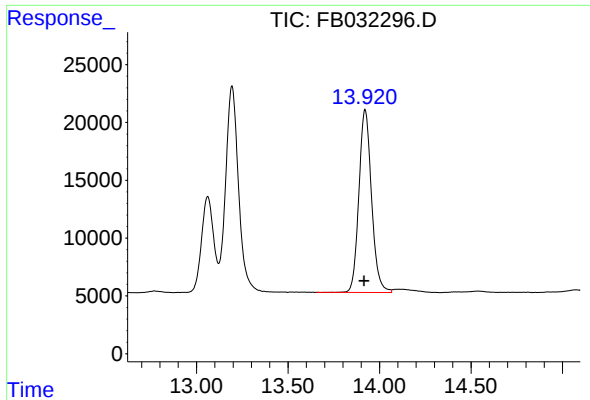
#7 Ethylbenzene

R.T.: 13.061 min  
Delta R.T.: 0.006 min  
Response: 382769  
Conc: 12.04 ng/ml



#8 m-Xylene

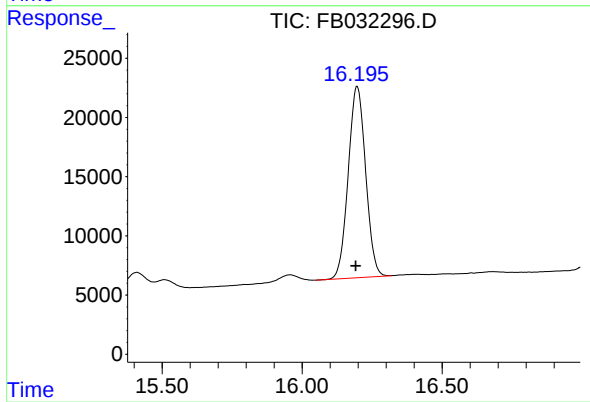
R.T.: 13.194 min  
Delta R.T.: 0.005 min  
Response: 880675  
Conc: 26.44 ng/ml



#9 O-Xylene

R.T.: 13.921 min  
Delta R.T.: 0.006 min  
Response: 758934  
Conc: 23.63 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min  
Delta R.T.: 0.006 min  
Response: 698336  
Conc: 25.24 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032296.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 14:09  
Sample : 20 PPB GRO STD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.714       | 4.554        | 4.873      | BV       | 12071          | 873687       | 70.16%         | 12.488%       |
| 2         | 7.422       | 7.212        | 7.632      | BV       | 12050          | 1015648      | 81.56%         | 14.517%       |
| 3         | 7.758       | 7.632        | 7.825      | VV       | 5892           | 323594       | 25.99%         | 4.625%        |
| 4         | 7.896       | 7.825        | 8.130      | VV       | 7434           | 399006       | 32.04%         | 5.703%        |
| 5         | 8.797       | 8.648        | 9.018      | PV       | 7341           | 418572       | 33.61%         | 5.983%        |
| 6         | 10.625      | 10.499       | 10.917     | VV       | 25142          | 1245258      | 100.00%        | 17.798%       |
| 7         | 13.061      | 12.873       | 13.121     | VV       | 8324           | 382769       | 30.74%         | 5.471%        |
| 8         | 13.194      | 13.121       | 13.500     | VV       | 17868          | 880675       | 70.72%         | 12.587%       |
| 9         | 13.921      | 13.653       | 14.066     | BV       | 15816          | 758934       | 60.95%         | 10.847%       |
| 10        | 16.197      | 16.049       | 16.319     | PV       | 16176          | 698336       | 56.08%         | 9.981%        |

Sum of corrected areas: 6996480

FB102725.M Tue Nov 04 23:16:38 2025

### Analytical Sequence

Client: Alliance Technical Group, LLC - Newark

SDG No.: Q3483

Project: NJ Soil PT

Instrument ID: FID\_B

GC Column: RTX-502.2 ID: 0.53 (mm)

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| MEAN SUROGATE RT FROM INITIAL CALIBRATION <b>8.7908</b> |                  |                           |            |       |   |
|---------------------------------------------------------|------------------|---------------------------|------------|-------|---|
| CLIENT<br>SAMPLE NO.                                    | LAB<br>SAMPLE ID | DATE AND TIME<br>ANALYZED | DATAFILE   | RT    | # |
| 20 PPB GRO STD                                          | 20 PPB GRO STD   | 4 Nov 2025 8:23           | FB032285.D | 8.790 |   |
| VBF1104S2                                               | VBF1104S2        | 4 Nov 2025 9:42           | FB032287.D | 8.795 |   |
| BSF1104S1                                               | BSF1104S1        | 4 Nov 2025 10:10          | FB032288.D | 8.795 |   |
| BSF1104S2                                               | BSF1104S2        | 4 Nov 2025 10:37          | FB032289.D | 8.796 |   |
| HW1025-PT-GAS-SOIL                                      | Q3483-15         | 4 Nov 2025 12:46          | FB032293.D | 8.822 |   |
| 20 PPB GRO STD                                          | 20 PPB GRO STD   | 4 Nov 2025 14:09          | FB032296.D | 8.797 |   |

# Column used to flag RT values with an \* values outside of QC limits

QC Limits  
(± 0.10 minutes)

Lower Limit  
8.6908

Upper Limits  
8.8908



# QC SAMPLE DATA

## Report of Analysis

|                    |                                        |                 |                 |                         |
|--------------------|----------------------------------------|-----------------|-----------------|-------------------------|
| Client:            | Alliance Technical Group, LLC - Newark |                 | Date Collected: |                         |
| Project:           | NJ Soil PT                             |                 | Date Received:  |                         |
| Client Sample ID:  | VBF1104S2                              |                 | SDG No.:        | Q3483                   |
| Lab Sample ID:     | VBF1104S2                              |                 | Matrix:         | SOIL                    |
| Analytical Method: | 8015D GRO                              |                 | % Solid:        | 100                     |
| Sample Wt/Vol:     | 5 g                                    | Final Vol: 5 mL | Test:           | Gasoline Range Organics |

| CAS Number        | Parameter                  | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.     | BatchID  |
|-------------------|----------------------------|-------|------|----|----------|------------|---------|---------------|----------|
| <b>TARGETS</b>    |                            |       |      |    |          |            |         |               |          |
| GRO               | GRO                        | 413   | U    | 50 | 413      | 2250       | ug/kg   | 11/04/25 9:42 | FB110425 |
| <b>SURROGATES</b> |                            |       |      |    |          |            |         |               |          |
| 98-08-8           | Alpha,Alpha,Alpha-Trifluor | 22.5  |      |    | 50 - 150 | 112%       | SPK: 20 |               |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032287.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 9:42  
Operator : YP/AJ  
Sample : VBF1104S2 50X  
Misc : 5.00G/5.00 ML MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
VBF1104S2

Integration File: Calibration.e  
Quant Time: Nov 04 22:35:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

| Compound                    | R.T.  | Response | Conc Units   |
|-----------------------------|-------|----------|--------------|
| -----                       |       |          |              |
| System Monitoring Compounds |       |          |              |
| 5) s AAA-TFT                | 8.795 | 456092   | 22.487 ng/ml |
| Target Compounds            |       |          |              |
| -----                       |       |          |              |

(f)=RT Delta > 1/2 Window

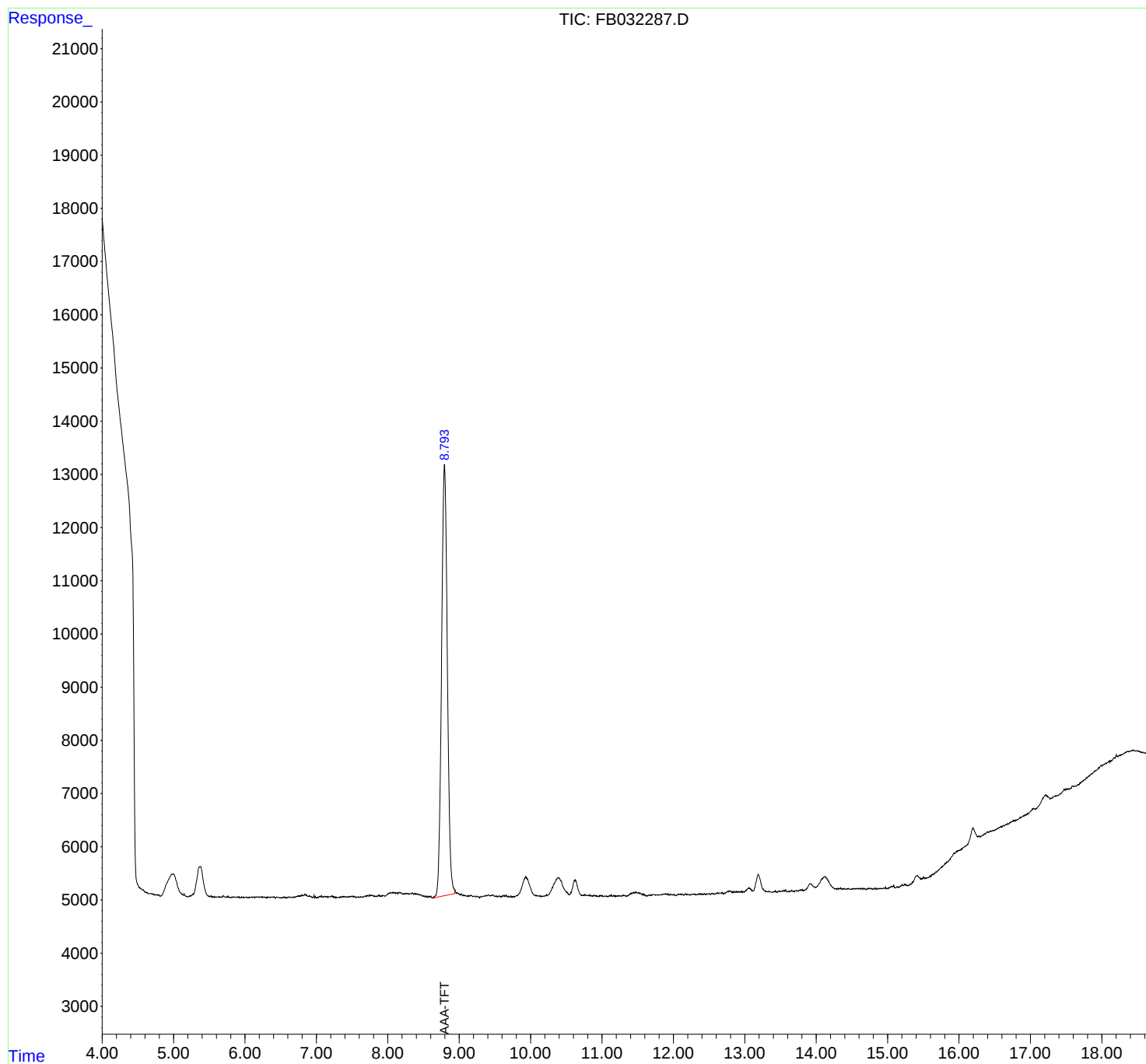
(m)=manual int.

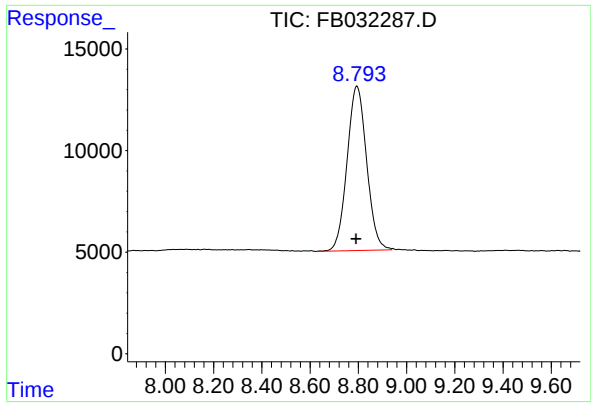
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032287.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 9:42  
Operator : YP/AJ  
Sample : VBF1104S2 50X  
Misc : 5.00G/5.00 ML MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
VBF1104S2

Integration File: Calibration.e  
Quant Time: Nov 04 22:35:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um





#5 AAA-TFT

R.T.: 8.795 min  
Delta R.T.: 0.004 min  
Response: 456092  
Conc: 22.49 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
VBF1104S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032287.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 9:42  
Sample : VBF1104S2 50X  
Misc : 5.00G/5.00 ML ME0H  
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br>#               | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-------------------------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1                       | 8.795       | 8.625        | 8.938      | PV       | 8101           | 456092       | 100.00%        | 100.000%      |
| Sum of corrected areas: |             |              |            |          |                | 456092       |                |               |

FB102725.M Tue Nov 04 23:14:23 2025

## Report of Analysis

|                    |                                        |                 |                 |                         |
|--------------------|----------------------------------------|-----------------|-----------------|-------------------------|
| Client:            | Alliance Technical Group, LLC - Newark |                 | Date Collected: |                         |
| Project:           | NJ Soil PT                             |                 | Date Received:  |                         |
| Client Sample ID:  | BSF1104S1                              |                 | SDG No.:        | Q3483                   |
| Lab Sample ID:     | BSF1104S1                              |                 | Matrix:         | SOIL                    |
| Analytical Method: | 8015D GRO                              |                 | % Solid:        | 100                     |
| Sample Wt/Vol:     | 5 g                                    | Final Vol: 5 mL | Test:           | Gasoline Range Organics |

| CAS Number        | Parameter                  | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                            |       |      |    |          |            |         |                |          |
| GRO               | GRO                        | 224   |      | 1  | 8.00     | 45.0       | ug/kg   | 11/04/25 10:10 | FB110425 |
| <b>SURROGATES</b> |                            |       |      |    |          |            |         |                |          |
| 98-08-8           | Alpha,Alpha,Alpha-Trifluor | 23.1  |      |    | 50 - 150 | 115%       | SPK: 20 |                |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032288.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 10:10  
 Operator : YP/AJ  
 Sample : BSF1104S1  
 Misc : 5.00G/5.00 ML DI WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 BSF1104S1

Integration File: Calibration.e  
 Quant Time: Nov 04 22:36:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.795  | 467627   | 23.055 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.715  | 1062860  | 38.798 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.423  | 1193856  | 38.750 ng/ml |
| 3) t n-Heptane               | 7.755  | 386206   | 13.181 ng/ml |
| 4) t Benzene                 | 7.894  | 441695   | 12.759 ng/ml |
| 6) t Toluene                 | 10.624 | 1299647  | 36.322 ng/ml |
| 7) t Ethylbenzene            | 13.060 | 384186   | 12.080 ng/ml |
| 8) t m-Xylene                | 13.193 | 819819   | 24.617 ng/ml |
| 9) t O-Xylene                | 13.920 | 780572   | 24.308 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.196 | 654511   | 23.654 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

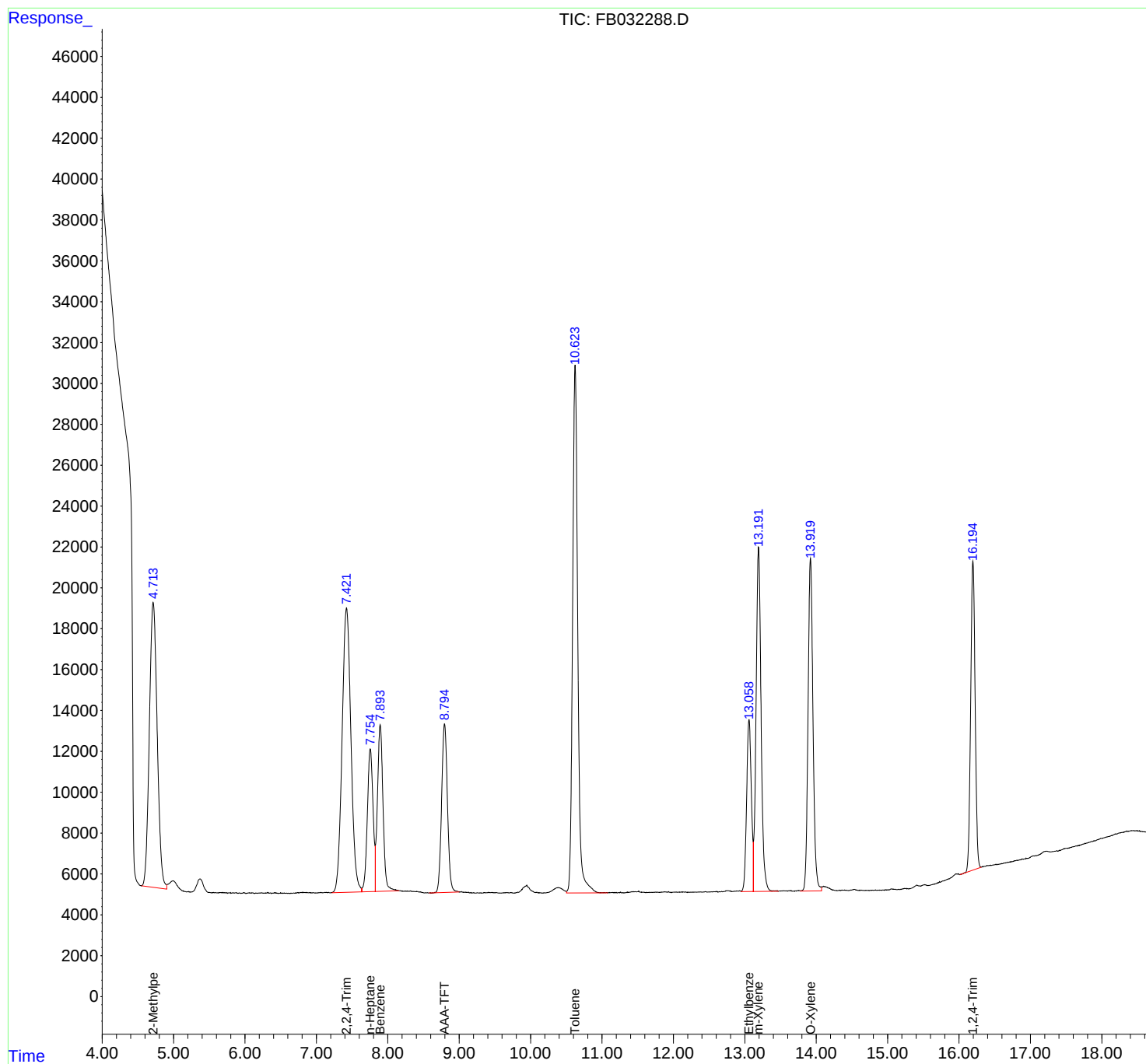
(m)=manual int.

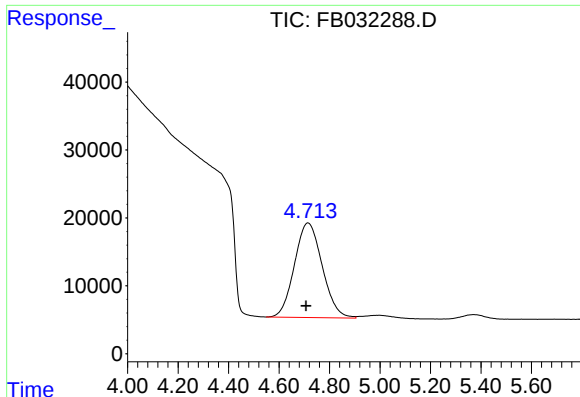
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032288.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 10:10  
Operator : YP/AJ  
Sample : BSF1104S1  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S1

Integration File: Calibration.e  
Quant Time: Nov 04 22:36:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

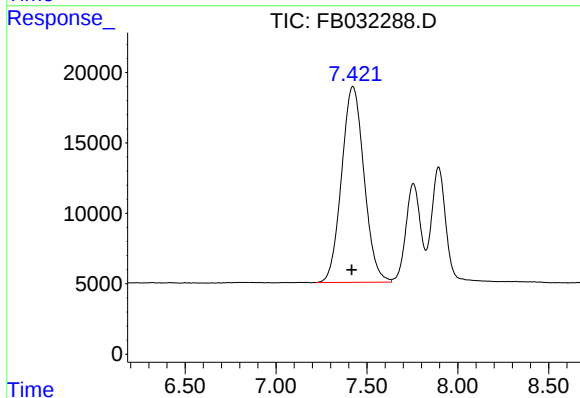




#1 2-Methylpentane

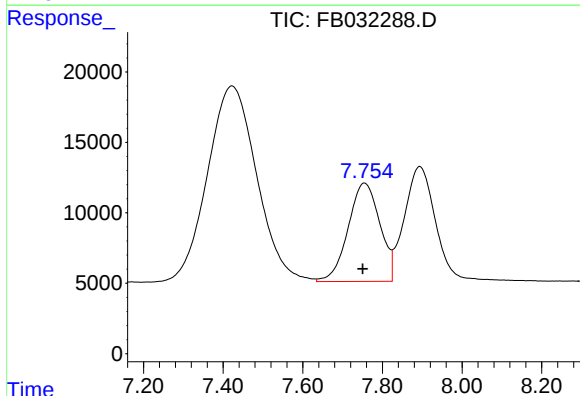
R.T.: 4.715 min  
Delta R.T.: 0.008 min  
Response: 1062860  
Conc: 38.80 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S1



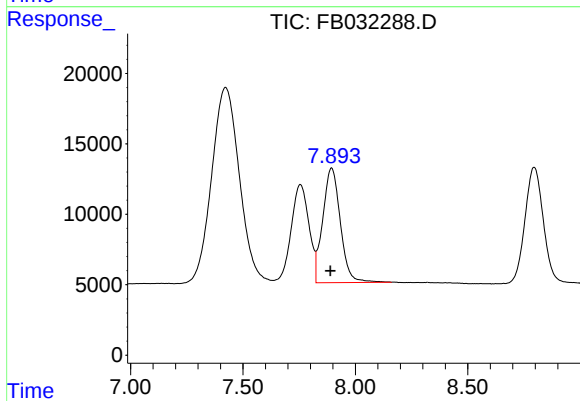
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min  
Delta R.T.: 0.007 min  
Response: 1193856  
Conc: 38.75 ng/ml



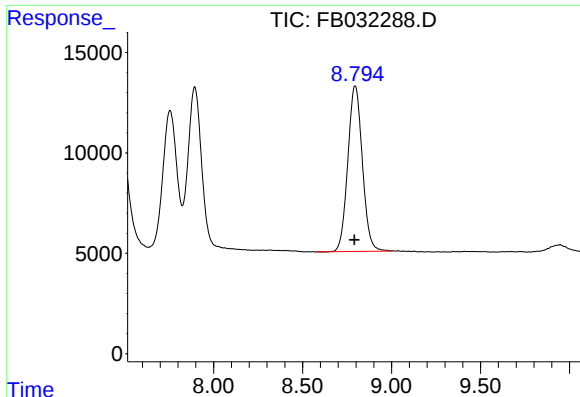
#3 n-Heptane

R.T.: 7.755 min  
Delta R.T.: 0.004 min  
Response: 386206  
Conc: 13.18 ng/ml



#4 Benzene

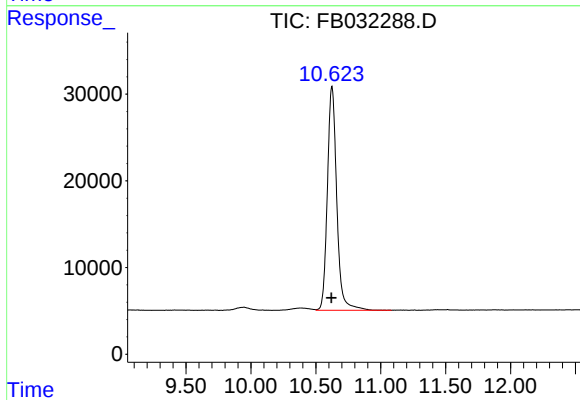
R.T.: 7.894 min  
Delta R.T.: 0.005 min  
Response: 441695  
Conc: 12.76 ng/ml



#5 AAA-TFT

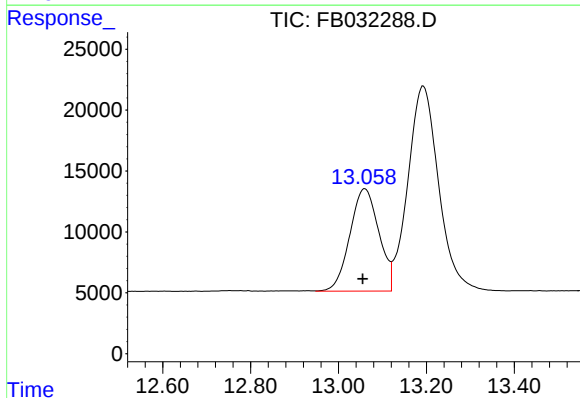
R.T.: 8.795 min  
Delta R.T.: 0.004 min  
Response: 467627  
Conc: 23.06 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S1



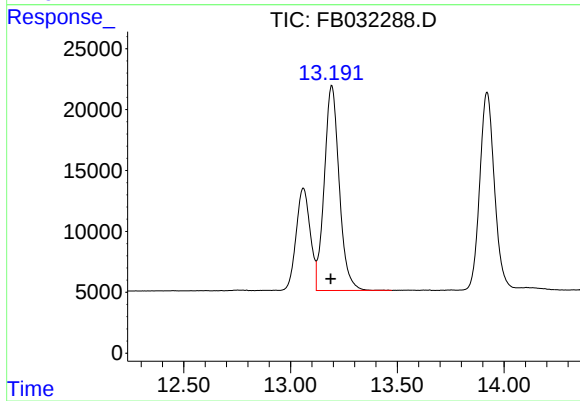
#6 Toluene

R.T.: 10.624 min  
Delta R.T.: 0.005 min  
Response: 1299647  
Conc: 36.32 ng/ml



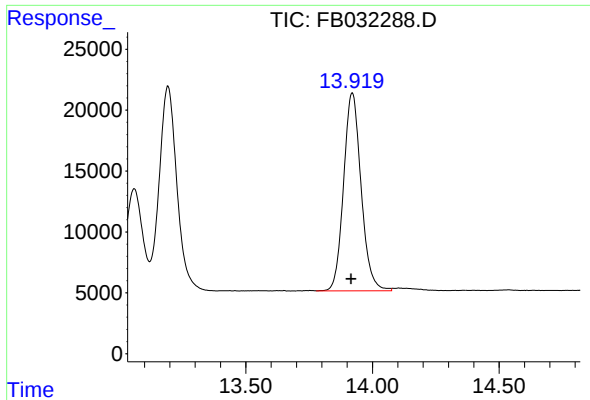
#7 Ethylbenzene

R.T.: 13.060 min  
Delta R.T.: 0.005 min  
Response: 384186  
Conc: 12.08 ng/ml



#8 m-Xylene

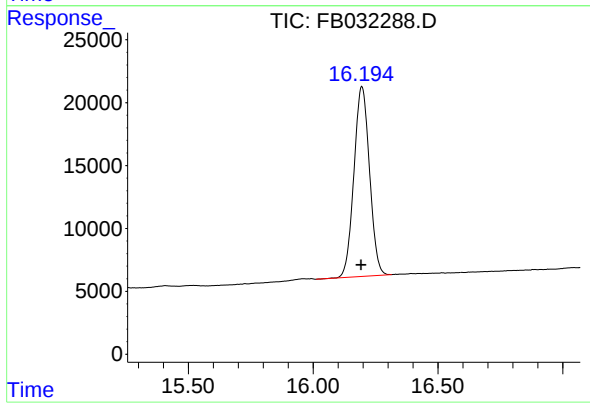
R.T.: 13.193 min  
Delta R.T.: 0.004 min  
Response: 819819  
Conc: 24.62 ng/ml



#9 O-Xylene

R.T.: 13.920 min  
Delta R.T.: 0.005 min  
Response: 780572  
Conc: 24.31 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S1



#10 1,2,4-Trimethylbenzene

R.T.: 16.196 min  
Delta R.T.: 0.004 min  
Response: 654511  
Conc: 23.65 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032288.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 10:10  
Sample : BSF1104S1  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.715       | 4.548        | 4.905      | BV       | 13938          | 1062860      | 81.78%         | 14.189%       |
| 2         | 7.423       | 7.219        | 7.635      | VV       | 13916          | 1193856      | 91.86%         | 15.937%       |
| 3         | 7.755       | 7.635        | 7.825      | VV       | 6982           | 386206       | 29.72%         | 5.156%        |
| 4         | 7.894       | 7.825        | 8.161      | VV       | 8144           | 441695       | 33.99%         | 5.896%        |
| 5         | 8.795       | 8.576        | 9.000      | BV       | 8245           | 467627       | 35.98%         | 6.243%        |
| 6         | 10.624      | 10.502       | 11.084     | VB       | 25819          | 1299647      | 100.00%        | 17.350%       |
| 7         | 13.060      | 12.948       | 13.121     | VV       | 8413           | 384186       | 29.56%         | 5.129%        |
| 8         | 13.193      | 13.121       | 13.474     | VB       | 16849          | 819819       | 63.08%         | 10.944%       |
| 9         | 13.920      | 13.778       | 14.076     | VV       | 16260          | 780572       | 60.06%         | 10.420%       |
| 10        | 16.196      | 16.012       | 16.315     | PV       | 15096          | 654511       | 50.36%         | 8.737%        |

Sum of corrected areas: 7490978

FB102725.M Tue Nov 04 23:14:42 2025

## Report of Analysis

Client: Alliance Technical Group, LLC - Newark  
Project: NJ Soil PT  
Client Sample ID: BSF1104S2  
Lab Sample ID: BSF1104S2  
Analytical Method: 8015D GRO  
Sample Wt/Vol: 5 g Final Vol: 5 mL

Date Collected:  
Date Received:  
SDG No.: Q3483  
Matrix: SOIL  
% Solid: 100  
Test: Gasoline Range Organics

| CAS Number        | Parameter                  | Conc. | Qua. | DF | MDL      | LOQ / CRQL | Units   | Date Ana.      | BatchID  |
|-------------------|----------------------------|-------|------|----|----------|------------|---------|----------------|----------|
| <b>TARGETS</b>    |                            |       |      |    |          |            |         |                |          |
| GRO               | GRO                        | 226   |      | 1  | 8.00     | 45.0       | ug/kg   | 11/04/25 10:37 | FB110425 |
| <b>SURROGATES</b> |                            |       |      |    |          |            |         |                |          |
| 98-08-8           | Alpha,Alpha,Alpha-Trifluor | 23.1  |      |    | 50 - 150 | 116%       | SPK: 20 |                |          |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032289.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 10:37  
 Operator : YP/AJ  
 Sample : BSF1104S2  
 Misc : 5.00G/5.00 ML DI WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 BSF1104S2

Integration File: Calibration.e  
 Quant Time: Nov 04 22:36:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.   | Response | Conc Units   |
|------------------------------|--------|----------|--------------|
| -----                        |        |          |              |
| System Monitoring Compounds  |        |          |              |
| 5) s AAA-TFT                 | 8.796  | 469011   | 23.124 ng/ml |
| Target Compounds             |        |          |              |
| 1) t 2-Methylpentane         | 4.715  | 1031208  | 37.642 ng/ml |
| 2) t 2,2,4-Trimethylpentane  | 7.423  | 1179600  | 38.287 ng/ml |
| 3) t n-Heptane               | 7.755  | 388245   | 13.250 ng/ml |
| 4) t Benzene                 | 7.894  | 451514   | 13.043 ng/ml |
| 6) t Toluene                 | 10.624 | 1326087  | 37.061 ng/ml |
| 7) t Ethylbenzene            | 13.060 | 394041   | 12.390 ng/ml |
| 8) t m-Xylene                | 13.193 | 833832   | 25.038 ng/ml |
| 9) t O-Xylene                | 13.920 | 793133   | 24.699 ng/ml |
| 10) t 1,2,4-Trimethylbenzene | 16.196 | 668532   | 24.161 ng/ml |
| -----                        |        |          |              |

(f)=RT Delta > 1/2 Window

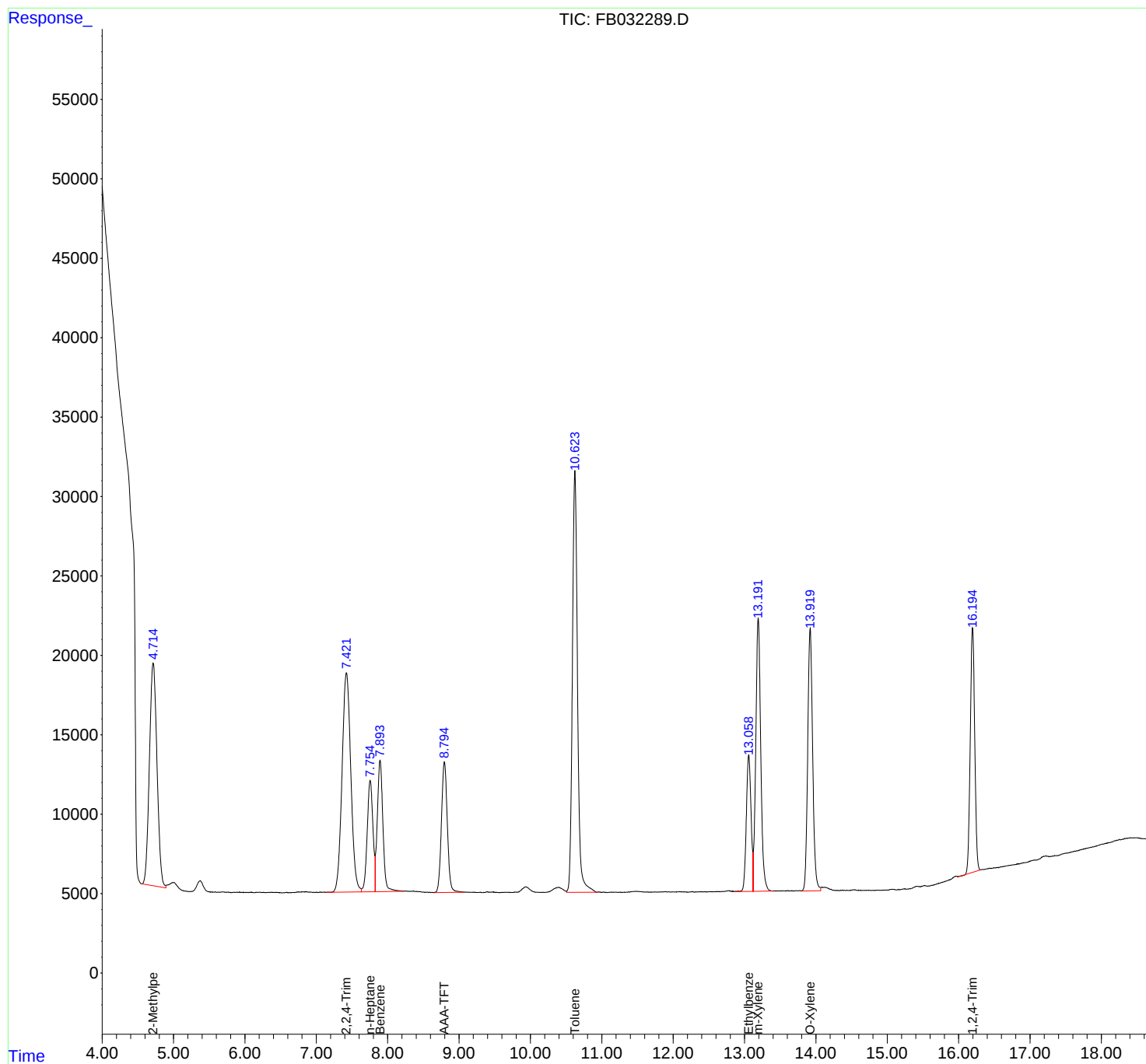
(m)=manual int.

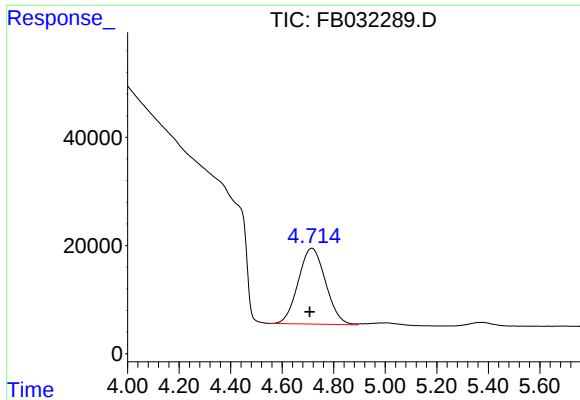
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032289.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 10:37  
Operator : YP/AJ  
Sample : BSF1104S2  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S2

Integration File: Calibration.e  
Quant Time: Nov 04 22:36:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um

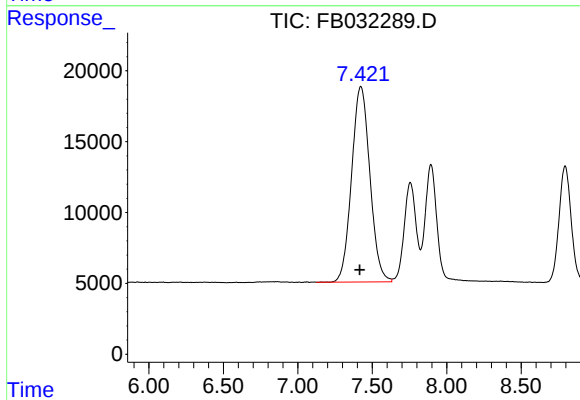




#1 2-Methylpentane

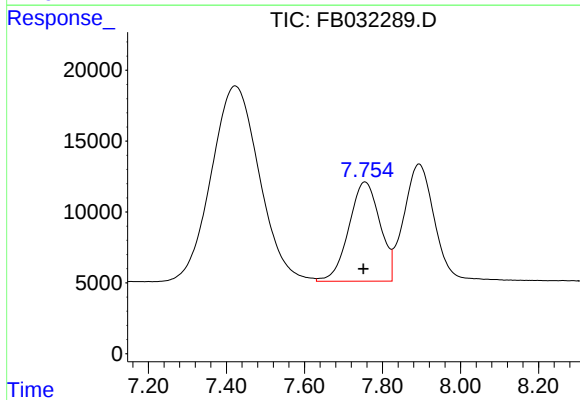
R.T.: 4.715 min  
Delta R.T.: 0.008 min  
Response: 1031208  
Conc: 37.64 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S2



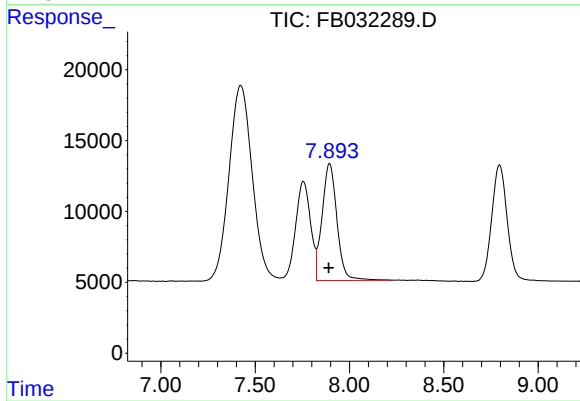
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min  
Delta R.T.: 0.007 min  
Response: 1179600  
Conc: 38.29 ng/ml



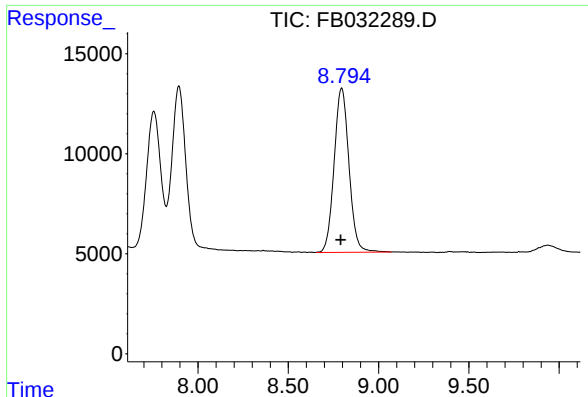
#3 n-Heptane

R.T.: 7.755 min  
Delta R.T.: 0.004 min  
Response: 388245  
Conc: 13.25 ng/ml



#4 Benzene

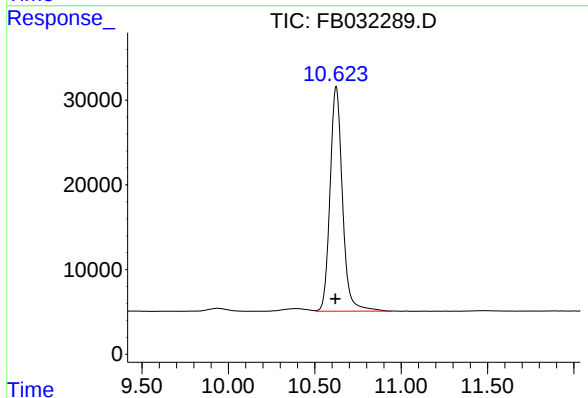
R.T.: 7.894 min  
Delta R.T.: 0.005 min  
Response: 451514  
Conc: 13.04 ng/ml



#5 AAA-TFT

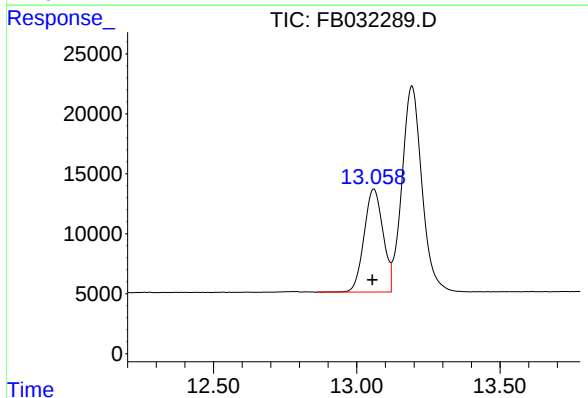
R.T.: 8.796 min  
Delta R.T.: 0.005 min  
Response: 469011  
Conc: 23.12 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S2



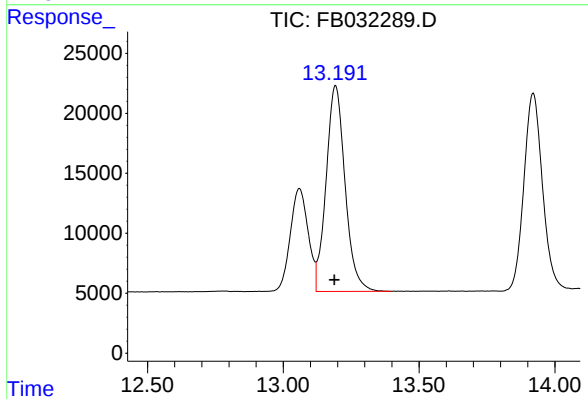
#6 Toluene

R.T.: 10.624 min  
Delta R.T.: 0.005 min  
Response: 1326087  
Conc: 37.06 ng/ml



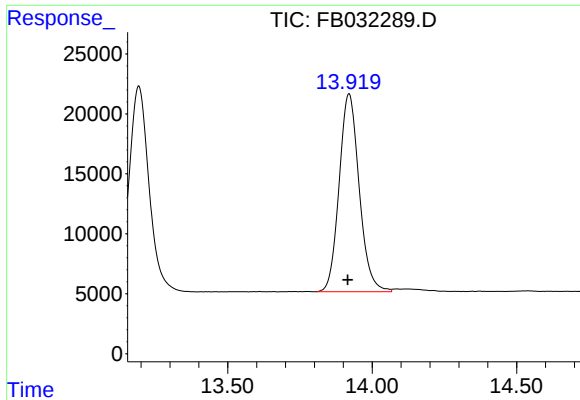
#7 Ethylbenzene

R.T.: 13.060 min  
Delta R.T.: 0.005 min  
Response: 394041  
Conc: 12.39 ng/ml



#8 m-Xylene

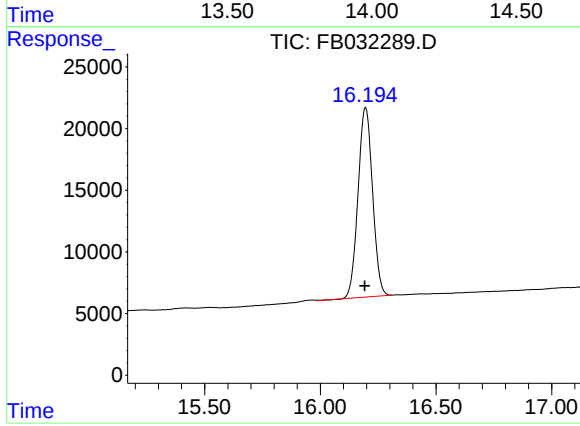
R.T.: 13.193 min  
Delta R.T.: 0.004 min  
Response: 833832  
Conc: 25.04 ng/ml



#9 O-Xylene

R.T.: 13.920 min  
Delta R.T.: 0.005 min  
Response: 793133  
Conc: 24.70 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
BSF1104S2



#10 1,2,4-Trimethylbenzene

R.T.: 16.196 min  
Delta R.T.: 0.004 min  
Response: 668532  
Conc: 24.16 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032289.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 10:37  
Sample : BSF1104S2  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.715       | 4.548        | 4.894      | BV       | 14019          | 1031208      | 77.76%         | 13.685%       |
| 2         | 7.423       | 7.123        | 7.631      | PV       | 13813          | 1179600      | 88.95%         | 15.655%       |
| 3         | 7.755       | 7.631        | 7.825      | VV       | 7010           | 388245       | 29.28%         | 5.152%        |
| 4         | 7.894       | 7.825        | 8.225      | VV       | 8267           | 451514       | 34.05%         | 5.992%        |
| 5         | 8.796       | 8.653        | 9.071      | PV       | 8222           | 469011       | 35.37%         | 6.224%        |
| 6         | 10.624      | 10.507       | 10.944     | VV       | 26547          | 1326087      | 100.00%        | 17.599%       |
| 7         | 13.060      | 12.857       | 13.120     | PV       | 8594           | 394041       | 29.71%         | 5.229%        |
| 8         | 13.193      | 13.120       | 13.399     | VV       | 17189          | 833832       | 62.88%         | 11.066%       |
| 9         | 13.920      | 13.806       | 14.067     | BV       | 16516          | 793133       | 59.81%         | 10.526%       |
| 10        | 16.196      | 15.982       | 16.309     | VV       | 15371          | 668532       | 50.41%         | 8.872%        |

Sum of corrected areas: 7535203

FB102725.M Tue Nov 04 23:15:06 2025

### Manual Integration Report

| Sample ID | ClientID ID | File ID    | Sequence ID | Parameter              | Supervised By | Supervised On        | Reason                                  |
|-----------|-------------|------------|-------------|------------------------|---------------|----------------------|-----------------------------------------|
| Q3483-15  |             | FB032290.D | fb110425    | 2,2,4-Trimethylpentane | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | AAA-TFT                | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | Benzene                | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | Ethylbenzene           | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | m-Xylene               | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | n-Heptane              | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | O-Xylene               | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032290.D | fb110425    | Toluene                | yogesh        | 11/5/2025 2:52:51 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032292.D | fb110425    | O-Xylene               | yogesh        | 11/5/2025 2:52:54 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032294.D | fb110425    | 1,2,4-Trimethylbenzene | yogesh        | 11/5/2025 2:52:55 PM | Peak Integrated by Software incorrectly |
| Q3483-15  |             | FB032294.D | fb110425    | AAA-TFT                | yogesh        | 11/5/2025 2:52:55 PM | Peak Integrated by Software incorrectly |
| Q3530-01  |             | FB032297.D | fb110425    | 1,2,4-Trimethylbenzene | yogesh        | 11/5/2025 2:52:57 PM | Peak Integrated by Software incorrectly |
| Q3530-01  |             | FB032297.D | fb110425    | 2-Methylpentane        | yogesh        | 11/5/2025 2:52:57 PM | Peak Integrated by Software incorrectly |
|           |             |            |             |                        |               |                      |                                         |

Instrument ID: FID\_B

**Daily Analysis Runlog For Sequence/QC Batch ID # FB102725**

|                                                                                                    |                                                 |                      |                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------|-----------------------|
| Review By                                                                                          | yogesh                                          | Review On            | 10/29/2025 7:48:30 AM |
| Supervise By                                                                                       | mohammad                                        | Supervise On         | 10/29/2025 7:50:23 AM |
| SubDirectory                                                                                       | FB102725                                        | HP Acquire Method    | FID_B                 |
|                                                                                                    |                                                 | HP Processing Method | fb102725.m            |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                                |                      |                       |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24717,PP25006,PP25007,PP25008,PP25009,PP25010 |                      |                       |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24718,PP25011                                 |                      |                       |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | 5 GRO STD    | FB032267.D     | 27 Oct 2025 9:43  | YP/AJ    | Ok     |
| 2   | 10 GRO STD   | FB032268.D     | 27 Oct 2025 10:11 | YP/AJ    | Ok     |
| 3   | 20 GRO STD   | FB032269.D     | 27 Oct 2025 10:38 | YP/AJ    | Ok     |
| 4   | 50 GRO STD   | FB032270.D     | 27 Oct 2025 11:06 | YP/AJ    | Ok     |
| 5   | 100 GRO STD  | FB032271.D     | 27 Oct 2025 11:34 | YP/AJ    | Ok     |
| 6   | FB1027GROICV | FB032272.D     | 27 Oct 2025 12:20 | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_B

**Daily Analysis Runlog For Sequence/QC Batch ID # FB110425**

|                                                                                                    |                                                 |                      |                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------|-----------------------|
| Review By                                                                                          | Amit                                            | Review On            | 11/5/2025 12:48:53 PM |
| Supervise By                                                                                       | yogesh                                          | Supervise On         | 11/5/2025 2:53:07 PM  |
| SubDirectory                                                                                       | FB110425                                        | HP Acquire Method    | FID_B                 |
|                                                                                                    |                                                 | HP Processing Method | fb102725              |
| <b>STD. NAME</b>                                                                                   | <b>STD REF.#</b>                                |                      |                       |
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24717,PP25006,PP25007,PP25008,PP25009,PP25010 |                      |                       |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP25017,PP25018                                 |                      |                       |

| Sr# | SampleId       | Data File Name | Date-Time        | Operator | Status   |
|-----|----------------|----------------|------------------|----------|----------|
| 1   | 20 PPB GRO STD | FB032285.D     | 4 Nov 2025 8:23  | YP/AJ    | Ok       |
| 2   | VBF1104S1      | FB032286.D     | 4 Nov 2025 9:14  | YP/AJ    | Ok       |
| 3   | VBF1104S2      | FB032287.D     | 4 Nov 2025 9:42  | YP/AJ    | Ok       |
| 4   | BSF1104S1      | FB032288.D     | 4 Nov 2025 10:10 | YP/AJ    | Ok       |
| 5   | BSF1104S2      | FB032289.D     | 4 Nov 2025 10:37 | YP/AJ    | Ok       |
| 6   | Q3483-15       | FB032290.D     | 4 Nov 2025 11:23 | YP/AJ    | Dilution |
| 7   | I.BLK          | FB032291.D     | 4 Nov 2025 11:51 | YP/AJ    | Ok       |
| 8   | Q3483-15       | FB032292.D     | 4 Nov 2025 12:18 | YP/AJ    | Dilution |
| 9   | Q3483-15       | FB032293.D     | 4 Nov 2025 12:46 | YP/AJ    | Ok       |
| 10  | Q3483-15       | FB032294.D     | 4 Nov 2025 13:13 | YP/AJ    | Not Ok   |
| 11  | I.BLK          | FB032295.D     | 4 Nov 2025 13:41 | YP/AJ    | Ok       |
| 12  | 20 PPB GRO STD | FB032296.D     | 4 Nov 2025 14:09 | YP/AJ    | Ok       |
| 13  | Q3530-01       | FB032297.D     | 4 Nov 2025 15:27 | YP/AJ    | Not Ok   |
| 14  | Q3530-01       | FB032298.D     | 4 Nov 2025 15:55 | YP/AJ    | Ok       |
| 15  | Q3530-02       | FB032299.D     | 4 Nov 2025 16:22 | YP/AJ    | Ok       |
| 16  | 20 PPB GRO STD | FB032300.D     | 4 Nov 2025 16:50 | YP/AJ    | Ok       |

M : Manual Integration

Instrument ID: FID\_B

**Daily Analysis Runlog For Sequence/QC Batch ID # FB102725**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | yogesh   | Review On            | 10/29/2025 7:48:30 AM |
| Supervise By | mohammad | Supervise On         | 10/29/2025 7:50:23 AM |
| SubDirectory | FB102725 | HP Acquire Method    | FID_B                 |
|              |          | HP Processing Method | fb102725.m            |

| STD. NAME                                                                                          | STD REF.#                                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24717,PP25006,PP25007,PP25008,PP25009,PP25010 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24718,PP25011                                 |

| Sr# | SampleID     | ClientID | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|--------------|----------|----------------|-------------------|---------|----------|--------|
| 1   | 5 GRO STD    |          | FB032267.D     | 27 Oct 2025 9:43  |         | YP/AJ    | Ok     |
| 2   | 10 GRO STD   |          | FB032268.D     | 27 Oct 2025 10:11 |         | YP/AJ    | Ok     |
| 3   | 20 GRO STD   |          | FB032269.D     | 27 Oct 2025 10:38 |         | YP/AJ    | Ok     |
| 4   | 50 GRO STD   |          | FB032270.D     | 27 Oct 2025 11:06 |         | YP/AJ    | Ok     |
| 5   | 100 GRO STD  |          | FB032271.D     | 27 Oct 2025 11:34 |         | YP/AJ    | Ok     |
| 6   | FB1027GROICV |          | FB032272.D     | 27 Oct 2025 12:20 |         | YP/AJ    | Ok     |

M : Manual Integration

Instrument ID: FID\_B

**Daily Analysis Runlog For Sequence/QC Batch ID # FB110425**

|              |          |                      |                       |
|--------------|----------|----------------------|-----------------------|
| Review By    | Amit     | Review On            | 11/5/2025 12:48:53 PM |
| Supervise By | yogesh   | Supervise On         | 11/5/2025 2:53:07 PM  |
| SubDirectory | FB110425 | HP Acquire Method    | FID_B                 |
|              |          | HP Processing Method | fb102725              |

| STD. NAME                                                                                          | STD REF.#                                       |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds                                                            | PP24717,PP25006,PP25007,PP25008,PP25009,PP25010 |
| CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP25017,PP25018                                 |

| Sr# | SampleID       | ClientID | Data File Name | Date-Time        | Comment               | Operator | Status   |
|-----|----------------|----------|----------------|------------------|-----------------------|----------|----------|
| 1   | 20 PPB GRO STD |          | FB032285.D     | 4 Nov 2025 8:23  |                       | YP/AJ    | Ok       |
| 2   | VBF1104S1      |          | FB032286.D     | 4 Nov 2025 9:14  |                       | YP/AJ    | Ok       |
| 3   | VBF1104S2      |          | FB032287.D     | 4 Nov 2025 9:42  |                       | YP/AJ    | Ok       |
| 4   | BSF1104S1      |          | FB032288.D     | 4 Nov 2025 10:10 |                       | YP/AJ    | Ok       |
| 5   | BSF1104S2      |          | FB032289.D     | 4 Nov 2025 10:37 |                       | YP/AJ    | Ok       |
| 6   | Q3483-15       |          | FB032290.D     | 4 Nov 2025 11:23 | need 1000x            | YP/AJ    | Dilution |
| 7   | I.BLK          |          | FB032291.D     | 4 Nov 2025 11:51 |                       | YP/AJ    | Ok       |
| 8   | Q3483-15       |          | FB032292.D     | 4 Nov 2025 12:18 | need further dilution | YP/AJ    | Dilution |
| 9   | Q3483-15       |          | FB032293.D     | 4 Nov 2025 12:46 | surrogate fail        | YP/AJ    | Ok       |
| 10  | Q3483-15       |          | FB032294.D     | 4 Nov 2025 13:13 | not required          | YP/AJ    | Not Ok   |
| 11  | I.BLK          |          | FB032295.D     | 4 Nov 2025 13:41 |                       | YP/AJ    | Ok       |
| 12  | 20 PPB GRO STD |          | FB032296.D     | 4 Nov 2025 14:09 |                       | YP/AJ    | Ok       |
| 13  | Q3530-01       |          | FB032297.D     | 4 Nov 2025 15:27 | 1 PPB SOIL LOD        | YP/AJ    | Not Ok   |
| 14  | Q3530-01       |          | FB032298.D     | 4 Nov 2025 15:55 | 4 PPB SOIL LOD        | YP/AJ    | Ok       |
| 15  | Q3530-02       |          | FB032299.D     | 4 Nov 2025 16:22 | 5 PPB SOIL LOQ        | YP/AJ    | Ok       |
| 16  | 20 PPB GRO STD |          | FB032300.D     | 4 Nov 2025 16:50 |                       | YP/AJ    | Ok       |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137700

| Lab ID   | Client SampleID         | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments        |
|----------|-------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q3368-13 | OUTSIDE-DUMPSTER        | 1      | 1.12           | 10.63        | 11.75                   | 8.28                      | 67.4    |                 |
| Q3368-14 | PRESS-SLUDGE            | 2      | 1.18           | 10.30        | 11.48                   | 7.89                      | 65.1    |                 |
| Q3482-01 | WC-1                    | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-02 | WC-2                    | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-03 | WC-3                    | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-04 | WC-4                    | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-05 | WC-5                    | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-06 | WC-6                    | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3482-07 | WC-7                    | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3483-01 | HW1025-PT-AN-SOIL       | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-02 | HW1025-PT-CORR-SOIL     | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-03 | HW1025-PT-CN-SOIL       | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-04 | HW1025-PT-CN-SOIL       | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-05 | HW1025-PT-FP-SOIL       | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-06 | HW1025-PT-CR6-SOIL      | 8      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-07 | HW1025-PT-NUT-SOIL      | 9      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-08 | HW1025-PT-NUT-SOIL      | 10     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-09 | HW1025-PT-OGR-SOIL      | 11     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-10 | HW1025-PT-MET-SOIL      | 12     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-11 | HW1025-PT-BNA-SOIL      | 13     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-13 | HW1025-PT-PAH-SOIL      | 15     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-14 | HW1025-PT-DIES-SOIL     | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-15 | HW1025-PT-GAS-SOIL      | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-16 | HW1025-PT-NJEPH-SOIL    | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-17 | HW1025-PT-HERB-SOIL     | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-18 | HW1025-PT-PCB-SOIL      | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q3483-19 | HW1025-PT-PCBO-SOIL     | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/30/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137700

| Lab ID   | Client SampleID      | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|----------------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q3483-20 | HW1025-PT-PEST-SOIL  | 22     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | 23     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-22 | HW1025-PT-TXP-SOIL   | 24     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-23 | HW1025-PT-VOA-SOIL   | 25     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3483-25 | HW1025-PT-NO2-SOIL   | 26     | 1.00            | 1.00          | 2.00                     | 2.00                       | 100.0   |          |
| Q3485-01 | TR-04-102924         | 27     | 1.15            | 10.30         | 11.45                    | 10.84                      | 94.1    |          |
| Q3485-02 | TR-04-102924-E2      | 28     | 1.19            | 10.30         | 11.49                    | 10.77                      | 93.0    |          |
| Q3486-01 | TP3                  | 29     | 1.17            | 10.45         | 11.62                    | 11.07                      | 94.7    |          |
| Q3486-02 | TP3-E2               | 30     | 1.18            | 10.40         | 11.58                    | 11.11                      | 95.5    |          |
| Q3486-03 | TP4                  | 31     | 1.19            | 10.23         | 11.42                    | 9.93                       | 85.4    |          |
| Q3486-04 | TP4-E2               | 32     | 1.17            | 10.52         | 11.69                    | 10.09                      | 84.8    |          |
| Q3486-05 | TP5                  | 33     | 1.17            | 10.65         | 11.82                    | 10.02                      | 83.1    |          |
| Q3486-06 | TP5-E2               | 34     | 1.17            | 10.15         | 11.32                    | 9.39                       | 81.0    |          |
| Q3486-07 | TP6                  | 35     | 1.13            | 10.25         | 11.38                    | 10.16                      | 88.1    |          |
| Q3486-08 | TP6-E2               | 36     | 1.16            | 10.48         | 11.64                    | 10.32                      | 87.4    |          |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

137100

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample         | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3368-13 | OUTSIDE-DUMPSTER        | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3368-14 | PRESS-SLUDGE            | Solid  | Percent Solids | Cool 4 deg C | ARAM01   | D41                         | 10/16/2025   | Chemtech -SO |
| Q3482-01 | WC-1                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-02 | WC-2                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-03 | WC-3                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-04 | WC-4                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-05 | WC-5                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-06 | WC-6                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3482-07 | WC-7                    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/24/2025   | Chemtech -SO |
| Q3483-01 | HW1025-PT-AN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-02 | HW1025-PT-CORR-SOIL     | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-03 | HW1025-PT-CN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-04 | HW1025-PT-CN-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-05 | HW1025-PT-FP-SOIL       | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-06 | HW1025-PT-CR6-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-07 | HW1025-PT-NUT-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-08 | HW1025-PT-NUT-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-09 | HW1025-PT-OGR-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-10 | HW1025-PT-MET-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-11 | HW1025-PT-BNA-SOIL      | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-12 | HW1025-PT-TRIAZINE-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |

Date/Time

10/29/25 15:00

Raw Sample Received by:

SWC

Raw Sample Relinquished by:

ACSM

Date/Time

10/29/25

17:30

Raw Sample Received by:

ACSM

Raw Sample Relinquished by:

SWC

# WORKLIST(Hardcopy Internal Chain)

W137700

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample      | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3483-13 | HW1025-PT-PAH-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-14 | HW1025-PT-DIES-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-15 | HW1025-PT-GAS-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-16 | HW1025-PT-NJEPH-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-17 | HW1025-PT-HERB-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-18 | HW1025-PT-PCB-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-19 | HW1025-PT-PCBO-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-20 | HW1025-PT-PEST-SOIL  | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-21 | HW1025-PT-CHLOR-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-22 | HW1025-PT-TXP-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-23 | HW1025-PT-VOA-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3483-25 | HW1025-PT-NO2-SOIL   | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3485-01 | TR-04-102924         | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3485-02 | TR-04-102924-E2      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-01 | TP3                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-02 | TP3-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-03 | TP4                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-04 | TP4-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-05 | TP5                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-06 | TP5-E2               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3486-07 | TP6                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time 10/29/25 15:00  
 Raw Sample Received by: SB W/C  
 Raw Sample Relinquished by: U(SM)

Date/Time 10/29/25 17:30  
 Raw Sample Received by: U(SM)  
 Raw Sample Relinquished by: SB W/C

# WORKLIST(Hardcopy Internal Chain)

UP 137700

WorkList Name : %1-102925

WorkList ID : 192745

Department : Wet-Chemistry

Date : 10-29-2025 07:47:12

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------------|--------------|--------------|
| Q3486-08 | TP6-E2          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                               | 10/29/2025   | Chemtech -SO |

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/29/25 151.00

EB WCI

CP (SM)

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

10/29/25 171.30

CP (SM)

EB aolc

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/31/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137714

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments        |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q3483-24 | HW1025-PT-SOL-SOIL | 1      | 1.16           | 10.70        | 11.86                   | 9.24                      | 75.5    |                 |
| Q3487-01 | KZZ294Z-A          | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-02 | KZZ294Z-B          | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-03 | KZZ256R-A          | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-04 | KZZ256R-B          | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-05 | JEH623H-A          | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-06 | JEH623H-B          | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-07 | M3-A               | 8      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3487-08 | M3-B               | 9      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3488-01 | MOO-25-0294-0298   | 10     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | Concrete sample |
| Q3488-02 | MOO-25-0299        | 11     | 1.15           | 10.33        | 11.48                   | 10.88                     | 94.2    |                 |
| Q3488-04 | MOO-25-0302-0310   | 12     | 1.18           | 10.45        | 11.63                   | 10.08                     | 85.2    |                 |
| Q3488-05 | MOO-25-0302-0310   | 13     | 1.15           | 10.46        | 11.61                   | 10.7                      | 91.3    |                 |
| Q3488-06 | MOO-25-0311-0313   | 46     | 1.15           | 10.37        | 11.52                   | 10.64                     | 91.5    |                 |
| Q3489-01 | 245F72-A           | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-02 | 245F72-B           | 15     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-03 | L54-A              | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-04 | L54-B              | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-05 | L55-A              | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-06 | L55-A              | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-07 | L56-A              | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-08 | L56-B              | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-09 | L57-A              | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-10 | L57-B              | 23     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-11 | L58-A              | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-12 | L58-2              | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-13 | L59-A              | 26     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |
| Q3489-14 | L59-B              | 27     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC            |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 10/31/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:15  
In Date: 10/30/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:20  
Out Date: 10/31/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137714

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments    |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q3489-15 | L60-A              | 28     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-16 | L60-B              | 29     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-17 | L61-A              | 30     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-18 | L61-B              | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-19 | L62-A              | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-20 | L62-B              | 33     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-21 | L63-A              | 34     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-22 | L63-B              | 35     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-23 | L64-A              | 36     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-24 | L64-B              | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-25 | L65-A              | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-26 | L65-B              | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-27 | STC21-A            | 40     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-28 | STC21-B            | 41     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-29 | STF24-A            | 42     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3489-30 | STF24-B            | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | PILC        |
| Q3490-01 | LAW-25-0151        | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oily-debris |
| Q3491-01 | SOIL-CUTTINGS-COMP | 45     | 1.18           | 10.80        | 11.98                   | 9.13                      | 73.6    |             |
| Q3495-01 | SB-1025-1          | 47     | 1.19           | 10.24        | 11.43                   | 8.99                      | 76.2    |             |
| Q3495-02 | SB-1025-2          | 48     | 1.14           | 10.43        | 11.57                   | 8.97                      | 75.1    |             |
| Q3496-01 | DRILL-CUTTINGS     | 49     | 1.19           | 10.61        | 11.8                    | 10.33                     | 86.1    |             |
| Q3496-02 | DRILL-CUTTINGS-E2  | 50     | 1.13           | 10.49        | 11.62                   | 10.11                     | 85.6    |             |
| Q3497-01 | OK-01-103025       | 51     | 1.13           | 10.93        | 12.06                   | 10.37                     | 84.5    |             |
| Q3497-02 | OK-01-103025-E2    | 52     | 1.19           | 10.59        | 11.78                   | 10.25                     | 85.6    |             |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

UB 138714

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3483-24 | HW1025-PT-SOL-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 10/27/2025   | Chemtech -SO |
| Q3487-01 | KZZ294Z-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-02 | KZZ294Z-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-03 | KZZ256R-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-04 | KZZ256R-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-05 | JEH623H-A          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-06 | JEH623H-B          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-07 | M3-A               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3487-08 | M3-B               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 10/29/2025   | Chemtech -SO |
| Q3488-01 | MOO-25-0294-0298   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-02 | MOO-25-0299        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-04 | MOO-25-0302-0310   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-05 | MOO-25-0302-0310   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3488-06 | MOO-25-0311-0313   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-01 | 245F72-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-02 | 245F72-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-03 | L54-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-04 | L54-B              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-05 | L55-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-06 | L55-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-07 | L56-A              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00  
 Raw Sample Received by: JO (WC)  
 Raw Sample Relinquished by: RJ (L54-V66)

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RJ (L54-V66)  
 Raw Sample Relinquished by: JO (WC)

# WORKLIST(Hardcopy Internal Chain)

UB 137714

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3489-08 | L56-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-09 | L57-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-10 | L57-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-11 | L58-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-12 | L58-2           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-13 | L59-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-14 | L59-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-15 | L60-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-16 | L60-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-17 | L61-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-18 | L61-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-19 | L62-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-20 | L62-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-21 | L63-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-22 | L63-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-23 | L64-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-24 | L64-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-25 | L65-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-26 | L65-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-27 | STC21-A         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-28 | STC21-B         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00  
 Raw Sample Received by: JO WCI  
 Raw Sample Relinquished by: RJ CELL-1466)

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RJ CELL-1466)  
 Raw Sample Relinquished by: JO WCI

# WORKLIST(Hardcopy Internal Chain)

UB 13FF14

WorkList Name : %1-103025

WorkList ID : 192793

Department : Wet-Chemistry

Date : 10-30-2025 10:50:32

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3489-29 | STF24-A            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3489-30 | STF24-B            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3490-01 | LAW-25-0151        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3491-01 | SOIL-CUTTINGS-COMP | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/29/2025   | Chemtech -SO |
| Q3495-01 | SB-1025-1          | Solid  | Percent Solids | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | Chemtech -SO |
| Q3495-02 | SB-1025-2          | Solid  | Percent Solids | Cool 4 deg C | REMI02   | D51                         | 10/27/2025   | Chemtech -SO |
| Q3496-01 | DRILL-CUTTINGS     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3496-02 | DRILL-CUTTINGS-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3497-01 | OK-01-103025       | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/30/2025   | Chemtech -SO |
| Q3497-02 | OK-01-103025-E2    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 10/30/2025   | Chemtech -SO |

Date/Time 10/30/25 15:00  
 Raw Sample Received by: SB WLC  
 Raw Sample Relinquished by: RJ (EIT-106)

Date/Time 10/30/25 17:30  
 Raw Sample Received by: RJ (EIT-106)  
 Raw Sample Relinquished by: SB WLC

## Prep Standard - Chemical Standard Summary

**Order ID :** Q3483

**Test :** Gasoline Range Organics

**Prepbatch ID :**

**Sequence ID/Qc Batch ID:** fb110425,

**Standard ID :**

PP24717,PP24719,PP25006,PP25007,PP25008,PP25009,PP25010,PP25017,PP25018,

**Chemical ID :**

P13537,V11252,V14629,W3112,

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>               | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 231              | 10 PPM GRO STD 1ST SOURCE | <a href="#">PP24717</a> | 07/14/2025       | 01/09/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                           |                         |                  |                        |                    |                |                  | 09/24/2025           |

**FROM** 0.11100ml of P13537 + 9.89000ml of V14629 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3619             | 25 PPM AAA-TFT Surg | <a href="#">PP24719</a> | 07/14/2025       | 01/09/2026             | Yogesh Patel       | None           | None             | Abdul Mirza          |
|                  |                     |                         |                  |                        |                    |                |                  | 09/24/2025           |

**FROM** 0.10000ml of V11252 + 9.90000ml of V14629 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 238              | 5 PPB ICC GRO STD | <a href="#">PP25006</a> | 10/27/2025       | 01/09/2026             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 11/04/2025           |

**FROM** 5.00000ml of W3112 + 0.00100ml of PP24719 + 0.00250ml of PP24717 = Final Quantity: 5.004 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 237              | 10 PPB ICC GRO STD | <a href="#">PP25007</a> | 10/27/2025       | 01/09/2026             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 11/04/2025           |

**FROM** 5.00000ml of W3112 + 0.00200ml of PP24719 + 0.00500ml of PP24717 = Final Quantity: 5.007 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 239              | 20 PPB ICC GRO STD | <a href="#">PP25008</a> | 10/27/2025       | 01/09/2026             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 11/04/2025           |

**FROM** 5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 235              | 50 PPB ICC GRO STD | <a href="#">PP25009</a> | 10/27/2025       | 01/09/2026             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 11/04/2025           |

**FROM** 5.00000ml of W3112 + 0.01000ml of PP24719 + 0.02500ml of PP24717 = Final Quantity: 5.035 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 234              | 100 PPB ICC GRO STD | <a href="#">PP25010</a> | 10/27/2025       | 01/09/2026             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                     |                         |                  |                        |                    |                |                  | 11/04/2025           |

**FROM** 5.00000ml of W3112 + 0.02000ml of PP24719 + 0.05000ml of PP24717 = Final Quantity: 5.070 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 241              | 20 PPB CCC GRO STD | <a href="#">PP25017</a> | 11/04/2025       | 11/06/2025             | Amit Patel         | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 11/10/2025           |

**FROM** 5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml



| <u>Recipe ID</u>                                                                                               | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|----------------------------------------------------------------------------------------------------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 241                                                                                                            | 20 PPB CCC GRO STD | <a href="#">PP25018</a> | 11/04/2025       | 11/06/2025             | Amit Patel         | None           | None             | Yogesh Patel<br>11/10/2025 |
| <b><u>FROM</u></b> 5.00000ml of W3112 + 0.00400ml of PP24719 + 0.01000ml of PP24717 = Final Quantity: 5.014 ml |                    |                         |                  |                        |                    |                |                  |                            |

## CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName   | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 30065 / GRO Mix (EPA) | A0208729 | 01/14/2026      | 07/14/2025 / yogesh     | 09/23/2024 / yogesh         | P13537         |

| Supplier | ItemCode / ItemName                                                    | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 30068 / VOA Mix, a, a, a-trifluorotoluene 2500uq/ml, P&T methanol, 1ml | A0158026 | 05/31/2028      | 11/27/2023 / yogesh     | 09/11/2020 / DHAVAL         | V11252         |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA9077-02 / Methanol, Purge/Trap (cs=6x1L) | 23I0762004 | 01/09/2026      | 07/07/2025 / SAM        | 11/26/2024 / SAM            | V14629         |

| Supplier         | ItemCode / ItemName | Lot #               | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | DIW / DI Water      | Daily Lab-Certified | 07/03/2029      | 07/03/2024 / lwona      | 07/03/2024 / lwona          | W3112          |

Methanol  
ULTRA RESI-ANALYZED  
For Purge and Trap Analysis



Material No.: 9077-02  
Batch No.: 23I0762004  
Manufactured Date: 2023-08-11  
Expiration Date: 2026-08-10  
Revision No.: 0

## Certificate of Analysis

| Test                                                    | Specification | Result   |
|---------------------------------------------------------|---------------|----------|
| Assay (CH <sub>3</sub> OH) (by GC, corrected for water) | ≥ 99.9 %      | 100.0 %  |
| Residue after Evaporation                               | ≤ 1.0 ppm     | 0.5 ppm  |
| Titration Acid (μeq/g)                                  | ≤ 0.3         | 0.2      |
| Titration Base (μeq/g)                                  | ≤ 0.10        | 0.01     |
| Water (by KF, coulometric)                              | ≤ 0.08 %      | < 0.01 % |
| Volatile Organic Trace Analysis – Below EPA 8260B CRQL  | Conforms      | Conforms |

For Laboratory, Research, or Manufacturing Use  
Performance Tested for Use in EPA Methods  
500 Series for Drinking Water  
600 Series for Wastewater  
846 for Solid Waste

Country of Origin: USA  
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein  
Sr. Manager, Quality Assurance



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 30065 **Lot No.:** A0208729

**Description :** Gasoline Range Organics Mix (EPA)  
Gasoline Range Organics Mix (EPA) 500 - 1500µg/mL, P&T Methanol, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2031 **Storage:** 0°C or colder

**Ship:** Ambient

P13537  
↓  
P13541 } Y.P.  
09/23/24

### CERTIFIED VALUES

| Elution Order | Compound                             | CAS #    | Lot #      | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------------------------------|----------|------------|--------|-----------------------------|----------------------------------------|
| 1             | 2-Methylpentane                      | 107-83-5 | MKCR9584   | 99%    | 1,502.0 µg/mL               | +/- 84.3956                            |
| 2             | 2,2,4-Trimethylpentane ( isooctane ) | 540-84-1 | SHBP5702   | 99%    | 1,504.0 µg/mL               | +/- 84.5080                            |
| 3             | n-Heptane (C7)                       | 142-82-5 | 044743T03G | 99%    | 504.0 µg/mL                 | +/- 28.3192                            |
| 4             | Benzene                              | 71-43-2  | MKCS3357   | 99%    | 503.0 µg/mL                 | +/- 28.2630                            |
| 5             | Toluene                              | 108-88-3 | MKCS9989   | 99%    | 1,508.0 µg/mL               | +/- 84.7327                            |
| 6             | Ethylbenzene                         | 100-41-4 | 094632T20F | 99%    | 503.0 µg/mL                 | +/- 28.2630                            |
| 7             | m-Xylene                             | 108-38-3 | SHBN6673   | 99%    | 1,008.0 µg/mL               | +/- 56.6383                            |
| 8             | o-Xylene                             | 95-47-6  | SHBN5105   | 99%    | 1,005.0 µg/mL               | +/- 56.4697                            |
| 9             | 1,2,4-Trimethylbenzene               | 95-63-6  | MKCS3775   | 99%    | 1,004.0 µg/mL               | +/- 56.4136                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** P&T Methanol  
**CAS #** 67-56-1  
**Purity** 99%

## Quality Confirmation Test

**Column:**

105m x 0.53mm x 3.0µm  
Rtx-502.2 (cat.#10910)

**Carrier Gas:**

hydrogen-constant pressure 11.0 psi.

**Temp. Program:**

40°C (hold 2 min.) to 240°C  
@ 8°C/min. (hold 5 min.)

**Inj. Temp:**

200°C

**Det. Temp:**

250°C

**Det. Type:**

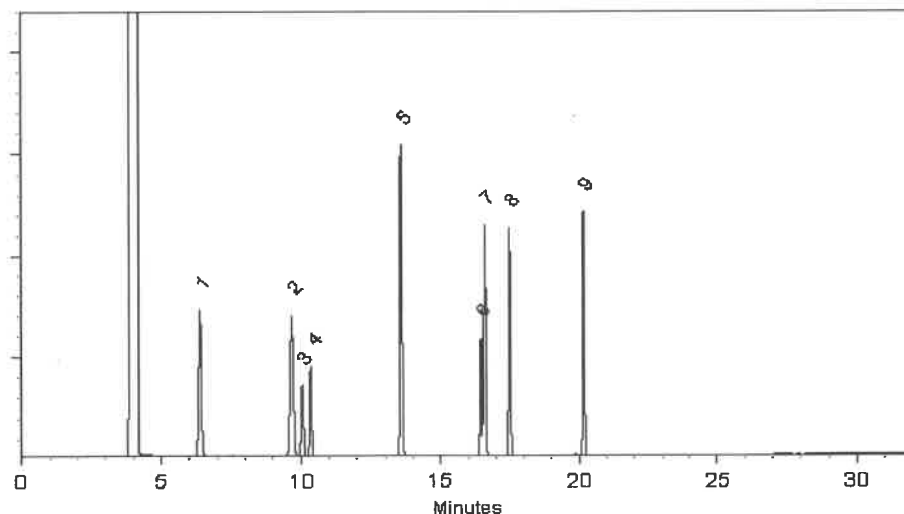
FID

**Split Vent:**

40 ml/min

**Inj. Vol**

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Will Torres*  
**Wilner Torres - Operation Tech I**

**Date Mixed:** 06-Mar-2024

**Balance Serial #** B707717271

*Jennifer Pollino*  
**Jennifer Pollino - Operations Tech III - ARM QC**

**Date Passed:** 08-Mar-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

## General Certified Reference Material Notes

### Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

### Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

### Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

$k$  is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

### Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

### Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
 Data File : FB032290.D  
 Signal(s) : FID2B.CH  
 Acq On : 4 Nov 2025 11:23  
 Operator : YP/AJ  
 Sample : Q3483-15  
 Misc : 5.00G/5.00 ML DI WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 HW1025-PT-GAS-SOIL

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 11/05/2025  
 Supervised By :Yogesh Patel 11/05/2025

Integration File: Calibration.e  
 Quant Time: Nov 04 22:36:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
 Quant Title :  
 QLast Update : Tue Oct 28 04:57:39 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 5 g/ml  
 Signal Phase : RTX-502.2  
 Signal Info : 60mx0.53mmx3.00um

| Compound                     | R.T.    | Response   | Conc Units        |
|------------------------------|---------|------------|-------------------|
| -----                        |         |            |                   |
| System Monitoring Compounds  |         |            |                   |
| 5) s AAA-TFT                 | 8.948   | 407555533  | 20093.651 ng/mlm  |
| Target Compounds             |         |            |                   |
| 1) t 2-Methylpentane         | 4.764   | 351286908  | 12823.025 ng/ml   |
| 2) t 2,2,4-Trimethylpentane  | 7.527   | 1049137826 | 34052.376 ng/mlm  |
| 3) t n-Heptane               | 7.892   | 1217150019 | 41539.562 ng/mlm  |
| 4) t Benzene                 | 7.892   | 1317543185 | 38059.388 ng/mlm  |
| 6) t Toluene                 | 10.795  | 3997062301 | 111709.001 ng/mlm |
| 7) t Ethylbenzene            | 13.368f | 2814942638 | 88509.671 ng/mlm  |
| 8) t m-Xylene                | 13.368  | 2880093619 | 86482.218 ng/mlm  |
| 9) t O-Xylene                | 14.018  | 432238139  | 13460.319 ng/mlm  |
| 10) t 1,2,4-Trimethylbenzene | 16.215  | 23395505   | 845.515 ng/ml     |
| -----                        |         |            |                   |

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB110425\  
Data File : FB032290.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 11:23  
Operator : YP/AJ  
Sample : Q3483-15  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 1 Sample Multiplier: 1

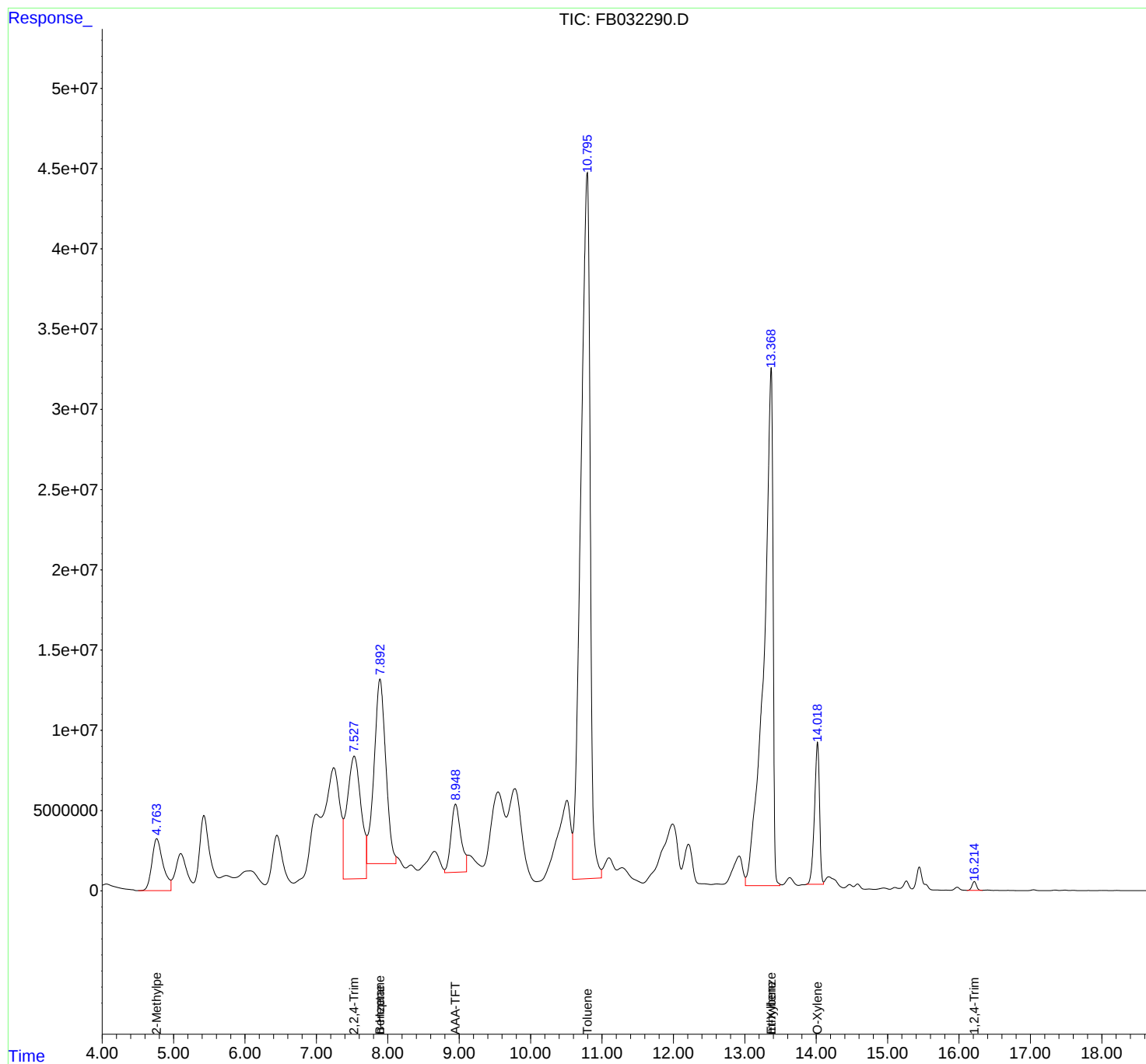
Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

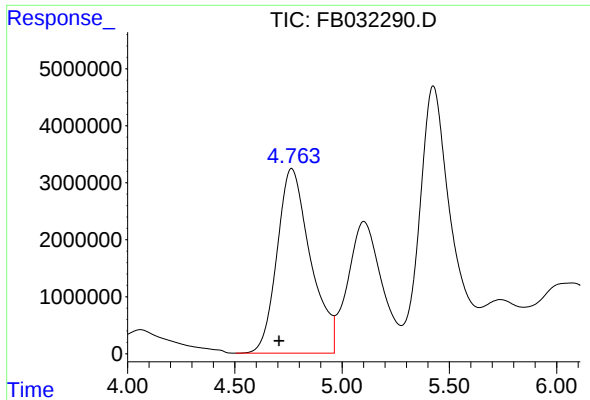
Manual Integrations  
APPROVED

Reviewed By :Amit Patel 11/05/2025  
Supervised By :Yogesh Patel 11/05/2025

Integration File: Calibration.e  
Quant Time: Nov 04 22:36:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Quant Title :  
QLast Update : Tue Oct 28 04:57:39 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 5 g/ml  
Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um





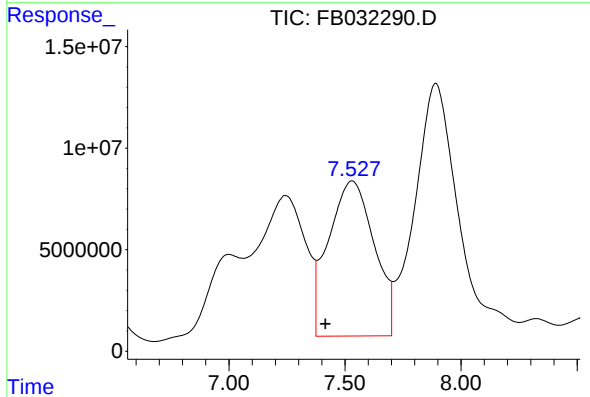
#1 2-Methylpentane

R.T.: 4.764 min  
Delta R.T.: 0.057 min  
Response: 351286908  
Conc: 12823.03 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

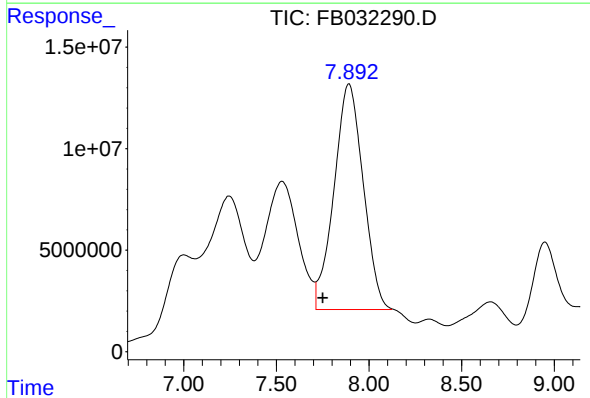
Manual Integrations  
APPROVED

Reviewed By :Amit Patel 11/05/2025  
Supervised By :Yogesh Patel 11/05/2025



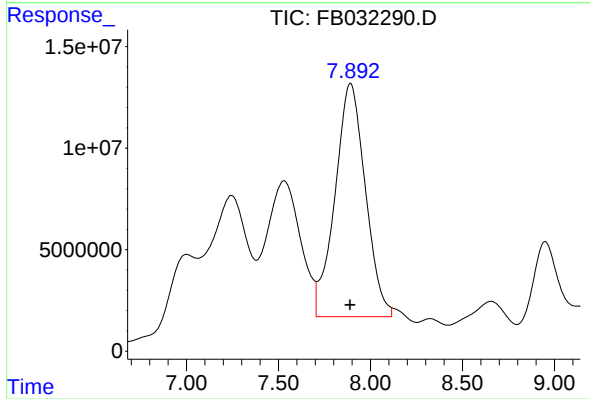
#2 2,2,4-Trimethylpentane

R.T.: 7.527 min  
Delta R.T.: 0.111 min  
Response: 1049137826  
Conc: 34052.38 ng/ml m



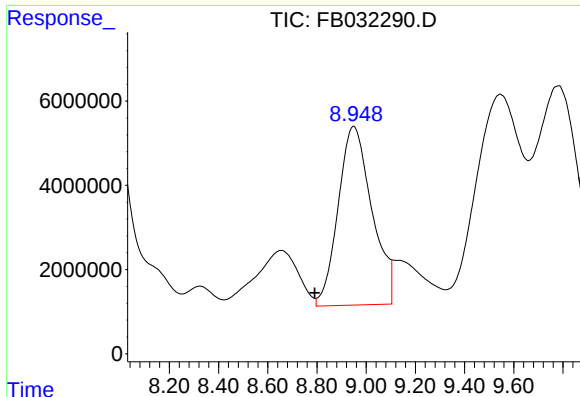
#3 n-Heptane

R.T.: 7.892 min  
Delta R.T.: 0.141 min  
Response: 1217150019  
Conc: 41539.56 ng/ml m



#4 Benzene

R.T.: 7.892 min  
Delta R.T.: 0.003 min  
Response: 1317543185  
Conc: 38059.39 ng/ml m



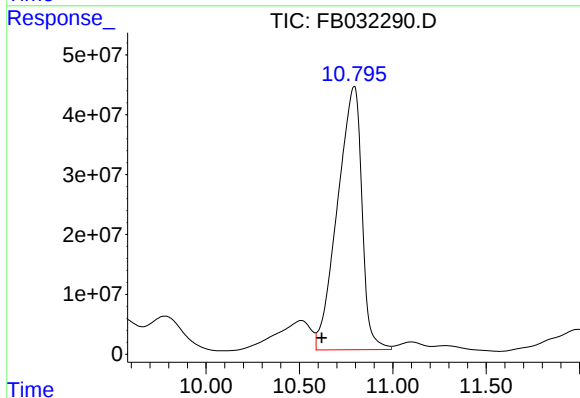
#5 AAA-TFT

R.T.: 8.948 min  
Delta R.T.: 0.157 min  
Response: 407555533  
Conc: 20093.65 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

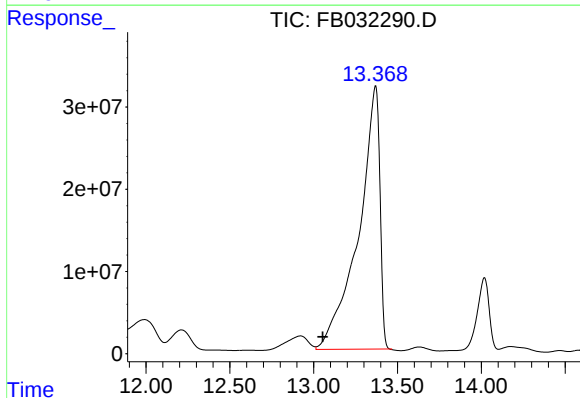
Manual Integrations  
APPROVED

Reviewed By :Amit Patel 11/05/2025  
Supervised By :Yogesh Patel 11/05/2025



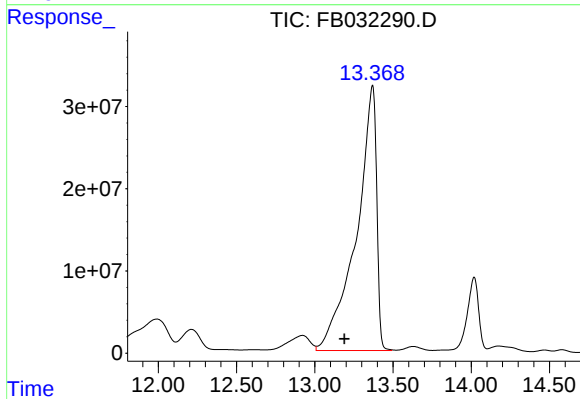
#6 Toluene

R.T.: 10.795 min  
Delta R.T.: 0.176 min  
Response: 3997062301  
Conc: 111709.00 ng/ml m



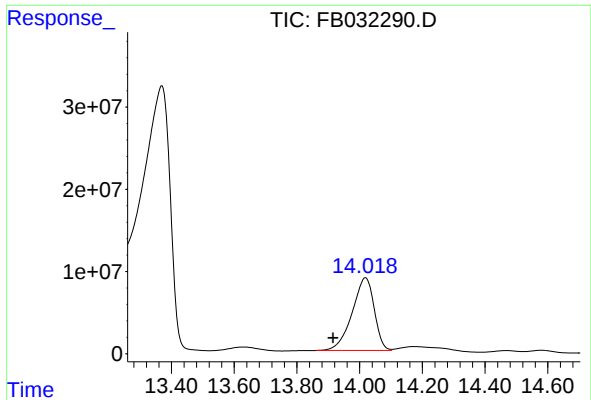
#7 Ethylbenzene

R.T.: 13.368 min  
Delta R.T.: 0.313 min  
Response: 2814942638  
Conc: 88509.67 ng/ml m



#8 m-Xylene

R.T.: 13.368 min  
Delta R.T.: 0.180 min  
Response: 2880093619  
Conc: 86482.22 ng/ml m



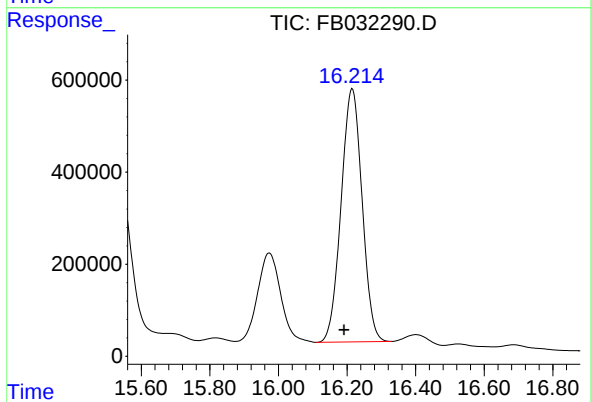
#9 O-Xylene

R.T.: 14.018 min  
Delta R.T.: 0.102 min  
Response: 432238139  
Conc: 13460.32 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

Manual Integrations  
APPROVED

Reviewed By :Amit Patel 11/05/2025  
Supervised By :Yogesh Patel 11/05/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.215 min  
Delta R.T.: 0.024 min  
Response: 23395505  
Conc: 845.51 ng/ml

Instrument :

FID\_B

ClientSampleId :

HW1025-PT-GAS-SOIL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB11042  
Data File : FB032290.D  
Signal(s) : FID2B.CH  
Acq On : 4 Nov 2025 11:23  
Sample : Q3483-15  
Misc : 5.00G/5.00 ML DI WATER  
ALS Vial : 1 Sample Multiplier: 1

Reviewed By :Amit Patel 11/05/2025

Supervised By :Yogesh Patel 11/05/2025

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB102725.M  
Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.764       | 4.470        | 4.963      | BV       | 3237449        | 349597777    | 8.35%          | 1.722%        |
| 2         | 5.101       | 4.963        | 5.276      | VV       | 2305455        | 252610370    | 6.04%          | 1.244%        |
| 3         | 5.425       | 5.276        | 5.640      | VV       | 4681551        | 481968699    | 11.52%         | 2.374%        |
| 4         | 5.737       | 5.640        | 5.848      | VV       | 931856         | 107624025    | 2.57%          | 0.530%        |
| 5         | 6.073       | 5.848        | 6.282      | VV       | 1222981        | 241988121    | 5.78%          | 1.192%        |
| 6         | 6.449       | 6.282        | 6.680      | VV       | 3443043        | 381905374    | 9.13%          | 1.881%        |
| 7         | 7.001       | 6.680        | 7.061      | VV       | 4753165        | 530895146    | 12.69%         | 2.615%        |
| 8         | 7.244       | 7.061        | 7.380      | VV       | 7650700        | 1137296003   | 27.18%         | 5.602%        |
| 9         | 7.530       | 7.380        | 7.708      | VV       | 8377509        | 1190971274   | 28.46%         | 5.866%        |
| 10        | 7.891       | 7.708        | 8.252      | VV       | 13185178       | 1869219539   | 44.67%         | 9.207%        |
| 11        | 8.324       | 8.252        | 8.422      | VV       | 1585001        | 147858068    | 3.53%          | 0.728%        |
| 12        | 8.655       | 8.422        | 8.794      | VV       | 2434652        | 408575765    | 9.76%          | 2.013%        |
| 13        | 8.949       | 8.794        | 9.323      | VV       | 5386144        | 864033011    | 20.65%         | 4.256%        |
| 14        | 9.545       | 9.323        | 9.660      | VV       | 6144597        | 860655365    | 20.57%         | 4.239%        |
| 15        | 9.779       | 9.660        | 10.086     | VV       | 6342267        | 885173093    | 21.15%         | 4.360%        |
| 16        | 10.509      | 10.086       | 10.585     | VV       | 5613378        | 830748815    | 19.85%         | 4.092%        |
| 17        | 10.792      | 10.585       | 10.992     | VV       | 44727945       | 4184906687   | 100.00%        | 20.613%       |
| 18        | 11.099      | 10.992       | 11.209     | VV       | 2035647        | 214769201    | 5.13%          | 1.058%        |
| 19        | 11.281      | 11.209       | 11.572     | VV       | 1410451        | 207897674    | 4.97%          | 1.024%        |
| 20        | 11.989      | 11.572       | 12.112     | VV       | 4130542        | 700321363    | 16.73%         | 3.450%        |
| 21        | 12.211      | 12.112       | 12.535     | VV       | 2875429        | 297912904    | 7.12%          | 1.467%        |
| 22        | 12.611      | 12.535       | 12.679     | VV       | 404037         | 33625588     | 0.80%          | 0.166%        |
| 23        | 12.921      | 12.679       | 13.012     | VV       | 2140276        | 238992794    | 5.71%          | 1.177%        |
| 24        | 13.367      | 13.012       | 13.521     | VV       | 32470351       | 2971247690   | 71.00%         | 14.635%       |
| 25        | 13.630      | 13.521       | 13.754     | VV       | 796224         | 74190084     | 1.77%          | 0.365%        |
| 26        | 14.018      | 13.754       | 14.105     | VV       | 9232665        | 509931478    | 12.19%         | 2.512%        |
| 27        | 14.176      | 14.105       | 14.386     | VV       | 847443         | 95328859     | 2.28%          | 0.470%        |
| 28        | 14.468      | 14.386       | 14.522     | VV       | 365407         | 22254915     | 0.53%          | 0.110%        |
| 29        | 14.579      | 14.522       | 14.684     | VV       | 398020         | 23080170     | 0.55%          | 0.114%        |
| 30        | 14.742      | 14.684       | 14.816     | VV       | 82876          | 5759678      | 0.14%          | 0.028%        |
| 31        | 14.946      | 14.816       | 15.030     | VV       | 146317         | 13132752     | 0.31%          | 0.065%        |
| 32        | 15.102      | 15.030       | 15.161     | VV       | 181067         | 10398993     | 0.25%          | 0.051%        |
| 33        | 15.263      | 15.161       | 15.343     | VV       | 583487         | 32584725     | 0.78%          | 0.161%        |
| 34        | 15.444      | 15.343       | 15.767     | VV       | 1454815        | 91462587     | 2.19%          | 0.451%        |
| 35        | 15.817      | 15.767       | 15.873     | VV       | 9996           | 433062       | 0.01%          | 0.002%        |
| 36        | 15.974      | 15.873       | 16.109     | VV       | 194415         | 9142712      | 0.22%          | 0.045%        |

37 16.215 16.109 16.330 PV 550784 23395505  
Sum of corrected areas: 203018

FB102725.M Tue Nov 04 23:19:03 2025

Instrument :  
FID\_B  
ClientSampleId :  
HW1025-PT-GAS-SOIL

0.56% 0.115%

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 11/05/2025  
Supervised By :Yogesh Patel 11/05/2025



# SHIPPING DOCUMENTS

## Packing List

6390 Joyce Dr., #100  
Golden, CO 80403

Tel: +1-303-940-0033  
Fax: +1-303-940-0043  
info@phenova.com  
www.phenova.com

For terms and conditions of your order, please visit:  
www.phenova.com/home/termsandsale

| Date       | Order # |
|------------|---------|
| 10/27/2025 | 333294  |



### Ship To

Alliance Tech Group - Newark  
ATTN: Sohil Jodhani  
284 Sheffield St., #1  
Mountainside, NJ 07092  
USA

*Received by: SJ*  
*10/29/2025 12:30*

| Customer PO # | Terms  | PT Acct # | Customer # | Ship Via      | F.O.B.     |
|---------------|--------|-----------|------------|---------------|------------|
| PO2-3469      | Net 30 | ZCM-100   | 1500470    | FedEx 2nd Day | Golden, CO |

| Qty Ordered | Qty Shipped | Qty Backorder | Part Number      | Part Description            | Study Number | Lot Number |
|-------------|-------------|---------------|------------------|-----------------------------|--------------|------------|
| 1           | 1           | 0             | PT-MET-SOIL      | SOIL/HW Trace Metals        | HW1025       | 7102-04B   |
| 1           | 1           | 0             | PT-CR6-SOIL      | SOIL/HW Hexavalent Chromium | HW1025       | 7102-05A2  |
| 1           | 1           | 0             | PT-CN-SOIL       | SOIL/HW Cyanide             | HW1025       | 7102-06    |
| 1           | 1           | 0             | PT-CORR-SOIL     | SOIL/HW Corrosivity/pH      | HW1025       | 7102-11    |
| 1           | 1           | 0             | PT-FP-SOIL       | SOIL/HW Flash Point         | HW1025       | 7102-10    |
| 1           | 1           | 0             | PT-AN-SOIL       | SOIL/HW Anions              | HW1025       | 7102-08    |
| 1           | 1           | 0             | PT-NUT-SOIL      | SOIL/HW Nutrients           | HW1025       | 7102-09    |
| 1           | 1           | 0             | PT-SOL-SOIL      | SOIL/HW Solids              | HW1025       | 7102-31    |
| 1           | 1           | 0             | PT-NO2-SOIL      | SOIL/HW Nitrite as N        | HW1025       | 7102-71    |
| 1           | 1           | 0             | PT-GAS-SOIL      | SOIL/HW Gasoline            | HW1025       | 7102-96    |
| 1           | 1           | 0             | PT-DIES-SOIL     | SOIL/HW Diesel in Soil      | HW1025       | 7102-100   |
| 1           | 1           | 0             | PT-OGR-SOIL      | SOIL/HW Oil and Grease      | HW1025       | 7102-94B   |
| 1           | 1           | 0             | PT-VOA-SOIL      | SOIL/HW Volatiles           | HW1025       | 7102-12    |
| 1           | 1           | 0             | PT-BNA-SOIL      | SOIL/HW BNAs                | HW1025       | 7102-13    |
| 1           | 1           | 0             | PT-PEST-SOIL     | SOIL/HW Pesticides          | HW1025       | 7102-14    |
| 1           | 1           | 0             | PT-CHLR-SOIL     | SOIL/HW Chlordane           | HW1025       | 7102-15    |
| 1           | 1           | 0             | PT-TXP-SOIL      | SOIL/HW Toxaphene           | HW1025       | 7102-16    |
| 1           | 1           | 0             | PT-PCB-SOIL      | SOIL/HW PCBs                | HW1025       | 7102-17    |
| 1           | 1           | 0             | PT-PCBO-SOIL     | SOIL/HW PCBs in Oil         | HW1025       | 7102-88    |
| 1           | 1           | 0             | PT-HERB-SOIL     | SOIL/HW Herbicides          | HW1025       | 7102-18    |
| 1           | 1           | 0             | PT-PAH-SOIL      | SOIL/HW PAHs                | HW1025       | 7102-22    |
| 1           | 1           | 0             | PT-TRIAZINE-SOIL | SOIL/HW Triazine Pesticides | HW1025       | 7102-106   |



**phenova®**  
Certified Reference Materials

A Phenomenex®  
Company

## Packing List

6390 Joyce Dr., #100  
Golden, CO 80403

Tel: +1-303-940-0033  
Fax: +1-303-940-0043  
info@phenova.com  
www.phenova.com

For terms and conditions of your order, please visit:  
[www.phenova.com/home/termsandsale](http://www.phenova.com/home/termsandsale)

| Date       | Order # |
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| 10/27/2025 | 333294  |



### Ship To

Alliance Tech Group - Newark  
ATTN: Sohil Jodhani  
284 Sheffield St., #1  
Mountainside, NJ 07092  
USA

Received by: SJ

10/29/2025 12:30

| Customer PO # |             | Terms         | PT Acct #     | Customer #       | Ship Via      | F.O.B.     |
|---------------|-------------|---------------|---------------|------------------|---------------|------------|
| PO2-3469      |             | Net 30        | ZCM-100       | 1500470          | FedEx 2nd Day | Golden, CO |
| Qty Ordered   | Qty Shipped | Qty Backorder | Part Number   | Part Description | Study Number  | Lot Number |
| 1             | 1           | 0             | PT-NJEPH-SOIL | NJ EPH in SOIL   | HW1025        | 7102-105   |

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |