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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE # D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q1478

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1478

Project ID : Former Schlumberger STC PTC Site # D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q1478-01	IDW-AQ-MW-19B-COMP-022825
Q1478-02	IDW-AQ-DRUM-610-022825
Q1478-03	IDW-AQ-IW-01-COMP-022825
Q1478-04	IDW-AQ-DRUM-616-022825
Q1478-05	IDW-AQ-IW-02-COMP-022825
Q1478-06	IDW-AQ-DRUM-614-022825
Q1478-07	IDW-AQ-IW-03-COMP-022825
Q1478-08	IDW-AQ-DRUM-612-022825
Q1478-13	IDW-SO-COMP-022825
Q1478-14	IDW-SO-COMP-022825
Q1478-15	IDW-SO-DRUM-582-022825
Q1478-16	IDW-SO-DRUM-582-022825

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 3:33 pm, Mar 14, 2025

Date: 3/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site # D3868221
Project # N/A
Chemtech Project # Q1478
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 02/28/2025.
8 Water samples were received on 02/28/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Corrosivity, Diesel Range Organics, Flash Point, Gasoline Range Organics, Ignitability, Mercury, Metals ICP-RCRA, METALS RCRA, PCB, pH, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. 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 met the acceptable criteria except for IDW-AQ-DRUM-616-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 272%], IDW-AQ-DRUM-616-022825RE [Alpha,Alpha,Alpha-Trifluorotoluene - 213%], IDW-AQ-DRUM-614-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 386%], IDW-AQ-DRUM-614-022825RE [Alpha,Alpha,Alpha-Trifluorotoluene - 773%], IDW-AQ-DRUM-612-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 803%], IDW-AQ-DRUM-612-022825RE [Alpha,Alpha andAlpha-Trifluorotoluene - 401%] All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data also For sample # IDW-AQ-DRUM-610-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 2385%] Vial A analyzed but having surrogate fail and need dilution as a corrective action Vial B analyzed but surrogate fail, therefore vial B reported in hard copy and VIAL A data given in miscellaneous section.

The Retention Times were acceptable for all samples.

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The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

Samples IDW-AQ-DRUM-610-022825 was diluted due to bad matrix, The above sample original run is reported as screening data in miscellaneous data also For sample # IDW-SO-DRUM-582-022825 both soil vial did not purge therefore analyzed directly in methanol.

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.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 3:35 pm, Mar 14, 2025

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (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 is 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

CHEMTECH PROJECT NUMBER: Q1478 MATRIX: /Water

METHOD: 8015D/3510

		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. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for IDW-AQ-DRUM-616-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 272%], IDW-AQ-DRUM-616-022825RE [Alpha,Alpha,Alpha-Trifluorotoluene - 213%], IDW-AQ-DRUM-614-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 386%], IDW-AQ-DRUM-614-022825RE [Alpha,Alpha,Alpha-Trifluorotoluene - 773%], IDW-AQ-DRUM-612-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 803%], IDW-AQ-DRUM-612-022825RE [Alpha,Alpha andAlpha-Trifluorotoluene - 401%] All the failure samples in surrogates were reanalyzed to confirm the results as per method and reported in the data also For sample # IDW-AQ-DRUM-610-022825 [Alpha,Alpha,Alpha-Trifluorotoluene - 2385%] Vial A analyzed but having surrogate fail and need dilution as a corrective action Vial B analyzed but surrogate fail, therefore vial B reported in hard copy and VIAL A data given in miscellaneous section.		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The RPD met criteria .			✓
7.	Retention Time Shift Meet Criteria (if applicable) Comments:			✓

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
8.	Extraction Holding Time Met If not met, list number of days exceeded for each sample:		✓	
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 IDW-AQ-DRUM-610-022825 was diluted due to bad matrix, The above sample original run is reported as screening data in miscellaneous data also For sample # IDW-SO-DRUM-582-022825 both soil vial did not purge therefore analyzed directly in methanol.

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

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:35 pm, Mar 14, 2025

QA REVIEW Date

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1478

	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:** 03/13/2025

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LAB CHRONICLE

OrderID:	Q1478	**OrderDate:**	3/3/2025 10:28:22 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site # D3868221
Contact:	John Ynfante	**Location:**	H31,H41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1478-01	**IDW-AQ-MW-19B-COMP-022825**	**WATER**			**02/28/25**			**02/28/25**
			PCB	8082A		03/04/25	03/04/25	
Q1478-02	**IDW-AQ-DRUM-610-022825**	**Water**			**02/28/25**			**02/28/25**
			Diesel Range Organics	8015D		03/06/25	03/06/25	
			Gasoline Range Organics	8015D			03/04/25	
Q1478-03	**IDW-AQ-IW-01-COMP-022825**	**WATER**			**02/28/25**			**02/28/25**
			PCB	8082A		03/04/25	03/04/25	
Q1478-04	**IDW-AQ-DRUM-616-022825**	**Water**			**02/28/25**			**02/28/25**
			Diesel Range Organics	8015D		03/06/25	03/06/25	
			Gasoline Range Organics	8015D			03/04/25	
Q1478-04RE	**IDW-AQ-DRUM-616-022825RE**	**Water**			**02/28/25**			**02/28/25**
			Gasoline Range Organics	8015D			03/04/25	
Q1478-05	**IDW-AQ-IW-02-COMP-022825**	**WATER**			**02/28/25**			**02/28/25**
			PCB	8082A		03/04/25	03/04/25	
Q1478-06	**IDW-AQ-DRUM-614-022825**	**Water**			**02/28/25**			**02/28/25**
			Diesel Range Organics	8015D		03/06/25	03/06/25	
			Gasoline Range Organics	8015D			03/04/25	
Q1478-06RE	**IDW-AQ-DRUM-614-022825RE**	**Water**			**02/28/25**			**02/28/25**
			Gasoline Range Organics	8015D			03/04/25	

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LAB CHRONICLE

Q1478-07	**IDW-AQ-IW-03-COMP-022825**	**WATER**			**02/28/25**			**02/28/25**
			PCB	8082A		03/04/25	03/04/25	
Q1478-08	**IDW-AQ-DRUM-612-022825**	**Water**			**02/28/25**			**02/28/25**
			Diesel Range Organics	8015D		03/06/25	03/06/25	
			Gasoline Range Organics	8015D			03/04/25	
Q1478-08RE	**IDW-AQ-DRUM-612-022825RE**	**Water**			**02/28/25**			**02/28/25**
			Gasoline Range Organics	8015D			03/04/25	
Q1478-14	**IDW-SO-COMP-022825**	**SOIL**			**02/28/25**			**02/28/25**
			Diesel Range Organics	8015D		03/05/25	03/06/25	
			PCB	8082A		03/03/25	03/03/25	
Q1478-16	**IDW-SO-DRUM-582-022825**	**SOIL**			**02/28/25**			**02/28/25**
			Gasoline Range Organics	8015D			03/03/25	

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: JACOBS Engineering Group, Inc.

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

EPA SAMPLE NO.	S1 AAA-TFT		S2	S3	S4	TOT OUT
VBF0303S2	102					0
BSF0303S1	107					0
BSF0303S2	105					0
IDW-SO-DRUM-582-022825	90					0
VBF0304W1	84					0
BSF0304W1	93					0
BSF0304W2	81					0
IDW-AQ-DRUM-616-022825	272	*				1
IDW-AQ-DRUM-614-022825	386	*				1
IDW-AQ-DRUM-612-022825	803	*				1
IDW-AQ-DRUM-616-022825RE	213	*				1
IDW-AQ-DRUM-614-022825RE	773	*				1
IDW-AQ-DRUM-612-022825RE	401	*				1
IDW-AQ-DRUM-610-022825	2385	*				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 DUPLICAT

Lab Name: Chemtech **Client:** JACOBS Engineering Group, Inc.

Lab Code: CHEM **Cas No:** Q1478 **SAS No :** Q1478 **SDG No:** Q1478

Matrix Spike - EPA Sample No : BSF0303S1 **Datafile:** FB031527.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	160	89	50-150

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SOIL GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICAT

Lab Name: Chemtech **Client:** JACOBS Engineering Group, Inc.

Lab Code: CHEM **Cas No:** Q1478 **SAS No :** Q1478 **SDG No:** Q1478

Matrix Spike - EPA Sample No : BSF0303S2 **Datafile:** FB031533.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	138	77	50-150

LCS/LCSD % Recovery RPD : 14.7

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WATER GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLIC

Lab Name: Chemtech **Client:** JACOBS Engineering Group, Inc.

Lab Code: CHEM **Cas No:** Q1478 **SAS No :** Q1478 **SDG No:** Q1478

Matrix Spike - EPA Sample No : BSF0304W1 **Datafile:** FB031542.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS
GRO	180	0	176	98	50-150

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WATER GASOLINE RANGE ORGANICS LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLIC

Lab Name: Chemtech **Client:** JACOBS Engineering Group, Inc.

Lab Code: CHEM **Cas No:** Q1478 **SAS No :** Q1478 **SDG No:** Q1478

Matrix Spike - EPA Sample No : BSF0304W2 **Datafile:** FB031543.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS
GRO	180	0	176	98	50-150

LCS/LCSD % Recovery RPD : 0

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-610-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-02	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031553.D	10	03/04/25 17:30	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	584		63.0	450	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	477	*	50 - 150	2385%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031553.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:30
Operator : YP/AJ
Sample : Q1478-02 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.741	11212607	476.945 ng/ml
	Target Compounds			

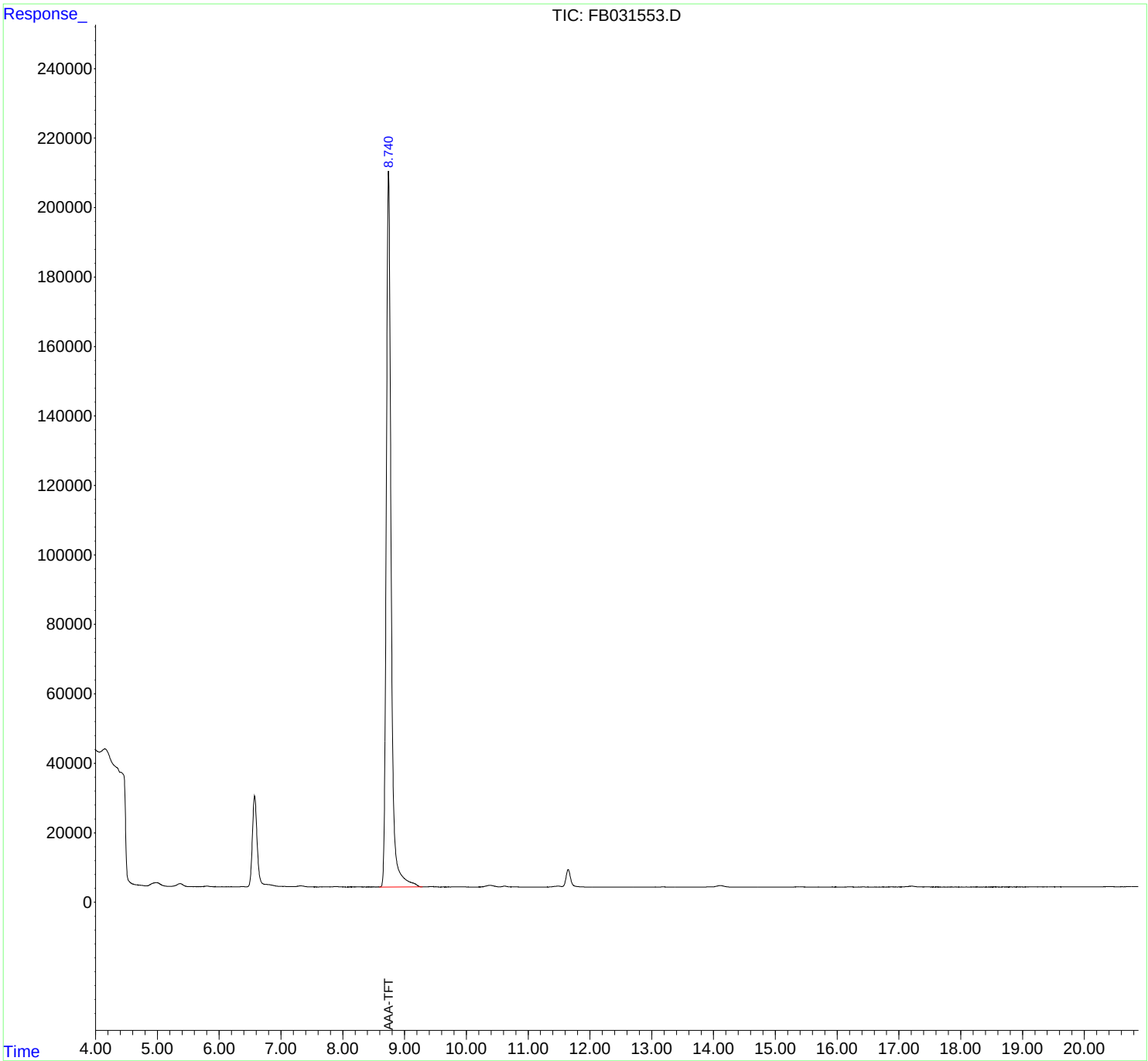
(f)=RT Delta > 1/2 Window (m)=manual int.

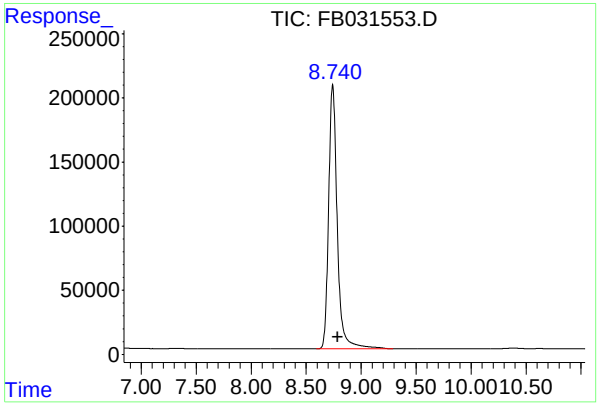
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031553.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:30
Operator : YP/AJ
Sample : Q1478-02 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.741 min
Delta R.T.: -0.045 mi
Response: 11212607
Conc: 476.94 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031553.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:30
Sample : Q1478-02 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.514	5.509	5.538	PV	20	97	0.00%	0.001%
2	5.547	5.538	5.587	VV	16	196	0.00%	0.001%
3	5.608	5.587	5.632	PV	18	243	0.00%	0.002%
4	5.644	5.632	5.676	PV	14	183	0.00%	0.001%
5	5.689	5.676	5.716	VV	17	270	0.00%	0.002%
6	5.794	5.716	5.906	VV	187	11031	0.10%	0.083%
7	5.915	5.906	5.924	VV	34	249	0.00%	0.002%
8	5.934	5.924	5.962	VV	26	310	0.00%	0.002%
9	5.974	5.962	5.988	VV	13	130	0.00%	0.001%
10	5.997	5.988	6.010	VV	19	122	0.00%	0.001%
11	6.046	6.010	6.071	PV	38	595	0.01%	0.004%
12	6.077	6.071	6.099	VV	20	236	0.00%	0.002%
13	6.110	6.099	6.136	VV	36	566	0.01%	0.004%
14	6.147	6.136	6.167	VV	37	536	0.00%	0.004%
15	6.193	6.167	6.221	VV	47	936	0.01%	0.007%
16	6.230	6.221	6.267	VV	36	426	0.00%	0.003%
17	6.358	6.267	6.391	PV	62	2668	0.02%	0.020%
18	6.405	6.391	6.444	VV	61	1380	0.01%	0.010%
19	6.574	6.444	7.005	VV	26210	1474405	13.13%	11.031%
20	7.016	7.005	7.034	VV	157	2571	0.02%	0.019%
21	7.046	7.034	7.056	VV	155	1955	0.02%	0.015%
22	7.066	7.056	7.098	VV	154	3497	0.03%	0.026%
23	7.107	7.098	7.147	VV	136	3392	0.03%	0.025%
24	7.170	7.147	7.206	VV	99	3197	0.03%	0.024%
25	7.321	7.206	7.441	VV	341	26575	0.24%	0.199%
26	7.448	7.441	7.468	VV	38	475	0.00%	0.004%

rteres

27	7.475	7.468	7.500	VV	38	461	0.00%	0.003%
28	7.511	7.500	7.521	VV	22	209	0.00%	0.002%
29	7.528	7.521	7.539	VV	20	130	0.00%	0.001%
30	7.553	7.539	7.583	VV	20	237	0.00%	0.002%
31	7.594	7.583	7.611	PV	11	80	0.00%	0.001%
32	7.630	7.611	7.637	VV	16	157	0.00%	0.001%
33	7.694	7.637	7.702	VV	30	629	0.01%	0.005%
34	7.724	7.702	7.734	VV	46	568	0.01%	0.004%
35	7.744	7.734	7.796	VV	40	883	0.01%	0.007%
36	7.886	7.796	7.952	VV	128	7197	0.06%	0.054%
37	7.960	7.952	7.975	VV	49	475	0.00%	0.004%
38	7.985	7.975	8.008	VV	30	419	0.00%	0.003%
39	8.021	8.008	8.053	VV	20	363	0.00%	0.003%
40	8.079	8.053	8.090	PV	12	189	0.00%	0.001%
41	8.107	8.090	8.138	VV	21	407	0.00%	0.003%
42	8.163	8.138	8.192	VV	22	550	0.00%	0.004%
43	8.203	8.192	8.211	VV	31	263	0.00%	0.002%
44	8.229	8.211	8.306	VV	35	1502	0.01%	0.011%
45	8.313	8.306	8.332	VV	25	199	0.00%	0.001%
46	8.345	8.332	8.377	VV	27	458	0.00%	0.003%
47	8.394	8.377	8.406	VV	28	287	0.00%	0.002%
48	8.415	8.406	8.434	VV	20	282	0.00%	0.002%
49	8.442	8.434	8.466	VV	26	365	0.00%	0.003%
50	8.487	8.466	8.496	VV	38	405	0.00%	0.003%
51	8.507	8.496	8.518	VV	25	255	0.00%	0.002%
52	8.526	8.518	8.537	PV	21	126	0.00%	0.001%
53	8.546	8.537	8.562	VV	26	219	0.00%	0.002%
54	8.741	8.562	9.299	VV	205963	11227912	100.00%	84.003%
55	9.310	9.299	9.320	VV	75	870	0.01%	0.007%
56	9.341	9.320	9.350	VV	84	1305	0.01%	0.010%
57	9.400	9.350	9.429	VV	108	4262	0.04%	0.032%
58	9.459	9.429	9.495	VV	123	3672	0.03%	0.027%
59	9.505	9.495	9.562	VV	92	2016	0.02%	0.015%
60	9.568	9.562	9.577	VV	25	198	0.00%	0.001%
61	9.588	9.577	9.609	VV	31	478	0.00%	0.004%
62	9.619	9.609	9.658	VV	53	1040	0.01%	0.008%
63	9.668	9.658	9.685	VV	32	425	0.00%	0.003%
64	9.700	9.685	9.719	VV	52	717	0.01%	0.005%
65	9.727	9.719	9.738	VV	48	402	0.00%	0.003%
66	9.775	9.738	9.783	VV	44	912	0.01%	0.007%
67	9.793	9.783	9.828	VV	53	1221	0.01%	0.009%
68	9.840	9.828	9.865	VV	65	1272	0.01%	0.010%
69	9.903	9.865	9.913	VV	71	1731	0.02%	0.013%
70	9.948	9.913	10.020	VV	84	3800	0.03%	0.028%

71	10.026	10.020	10.043	VV	42	365	0.00%	0.003%
72	10.064	10.043	10.091	VV	36	734	0.01%	0.005%
73	10.125	10.091	10.145	VV	30	737	0.01%	0.006%
74	10.154	10.145	10.200	VV	28	780	0.01%	0.006%
75	10.210	10.200	10.221	VV	40	438	0.00%	0.003%
76	10.374	10.221	10.537	VV	522	49824	0.44%	0.373%
77	10.620	10.537	10.724	VV	290	16299	0.15%	0.122%
78	10.750	10.724	10.757	VV	55	1010	0.01%	0.008%
79	10.784	10.757	10.892	VV	80	4044	0.04%	0.030%
80	10.902	10.892	10.926	PV	21	303	0.00%	0.002%
81	10.952	10.926	10.999	VV	31	943	0.01%	0.007%
82	11.022	10.999	11.054	VV	42	716	0.01%	0.005%
83	11.067	11.054	11.075	VV	18	168	0.00%	0.001%
84	11.093	11.075	11.116	VV	42	512	0.00%	0.004%
85	11.156	11.116	11.169	VV	32	606	0.01%	0.005%
86	11.181	11.169	11.217	VV	28	532	0.00%	0.004%
87	11.223	11.217	11.250	VV	36	420	0.00%	0.003%
88	11.269	11.250	11.284	VV	21	277	0.00%	0.002%
89	11.478	11.284	11.498	VV	278	17623	0.16%	0.132%
90	11.504	11.498	11.553	VV	272	6872	0.06%	0.051%
91	11.648	11.553	11.855	VV	5064	268276	2.39%	2.007%
92	11.862	11.855	11.883	VV	85	1197	0.01%	0.009%
93	11.890	11.883	11.938	VV	74	1439	0.01%	0.011%
94	11.947	11.938	11.976	VV	23	314	0.00%	0.002%
95	12.050	11.976	12.072	VV	33	949	0.01%	0.007%
96	12.084	12.072	12.092	VV	37	307	0.00%	0.002%
97	12.098	12.092	12.116	VV	31	361	0.00%	0.003%
98	12.130	12.116	12.155	VV	33	472	0.00%	0.004%
99	12.163	12.155	12.172	VV	26	149	0.00%	0.001%
100	12.215	12.172	12.245	PV	29	775	0.01%	0.006%
101	12.260	12.245	12.280	VV	28	309	0.00%	0.002%
102	12.298	12.280	12.311	VV	34	371	0.00%	0.003%
103	12.321	12.311	12.329	VV	34	285	0.00%	0.002%
104	12.339	12.329	12.367	VV	35	575	0.01%	0.004%
105	12.394	12.367	12.411	VV	39	620	0.01%	0.005%
106	12.427	12.411	12.436	VV	24	194	0.00%	0.001%
107	12.442	12.436	12.464	VV	15	163	0.00%	0.001%
108	12.481	12.464	12.488	VV	24	219	0.00%	0.002%
109	12.500	12.488	12.527	VV	20	300	0.00%	0.002%
110	12.544	12.527	12.555	VV	24	241	0.00%	0.002%
111	12.590	12.555	12.624	VV	22	576	0.01%	0.004%
112	12.632	12.624	12.641	VV	16	88	0.00%	0.001%
113	12.650	12.641	12.661	VV	14	101	0.00%	0.001%

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114	12.668	12.661	12.678	VV	14	101	0.00%	0.001%
115	12.712	12.678	12.740	VV	34	810	0.01%	0.006%
116	12.758	12.740	12.775	VV	26	413	0.00%	0.003%
117	12.794	12.775	12.810	VV	37	465	0.00%	0.003%
118	12.839	12.810	12.859	VV	28	378	0.00%	0.003%
119	12.865	12.859	12.874	VV	20	101	0.00%	0.001%
120	12.888	12.874	12.903	VV	25	262	0.00%	0.002%
121	12.919	12.903	12.933	VV	45	394	0.00%	0.003%
122	12.959	12.933	12.997	VV	24	503	0.00%	0.004%
123	13.027	12.997	13.035	VV	40	583	0.01%	0.004%
124	13.058	13.035	13.076	VV	53	1027	0.01%	0.008%
125	13.101	13.076	13.111	VV	45	673	0.01%	0.005%
126	13.188	13.111	13.255	VV	91	4412	0.04%	0.033%
127	13.269	13.255	13.286	VV	36	460	0.00%	0.003%
128	13.311	13.286	13.327	VV	25	444	0.00%	0.003%
129	13.334	13.327	13.365	VV	32	426	0.00%	0.003%
130	13.383	13.365	13.392	VV	22	255	0.00%	0.002%
131	13.400	13.392	13.408	VV	18	140	0.00%	0.001%
132	13.413	13.408	13.421	VV	19	94	0.00%	0.001%
133	13.430	13.421	13.438	VV	31	161	0.00%	0.001%
134	13.448	13.438	13.479	VV	25	380	0.00%	0.003%
135	13.490	13.479	13.515	PV	18	253	0.00%	0.002%
136	13.535	13.515	13.547	VV	19	217	0.00%	0.002%
137	13.575	13.547	13.603	PV	15	395	0.00%	0.003%
138	13.630	13.603	13.662	VV	36	621	0.01%	0.005%
139	13.702	13.662	13.711	VV	29	544	0.00%	0.004%
140	13.753	13.711	13.763	VV	30	590	0.01%	0.004%
141	13.781	13.763	13.791	VV	45	409	0.00%	0.003%
142	13.816	13.791	13.824	VV	36	446	0.00%	0.003%
143	13.843	13.824	13.852	VV	35	493	0.00%	0.004%
144	13.937	13.852	13.948	VV	96	3804	0.03%	0.028%
145	13.973	13.948	13.984	VV	103	2025	0.02%	0.015%
146	14.113	13.984	14.302	VV	466	43566	0.39%	0.326%
147	14.320	14.302	14.340	VV	56	1018	0.01%	0.008%
148	14.359	14.340	14.401	VV	57	1863	0.02%	0.014%
149	14.417	14.401	14.427	VV	61	810	0.01%	0.006%
150	14.438	14.427	14.460	VV	67	1029	0.01%	0.008%
151	14.473	14.460	14.482	VV	57	704	0.01%	0.005%
152	14.493	14.482	14.509	VV	59	790	0.01%	0.006%
153	14.518	14.509	14.529	VV	50	596	0.01%	0.004%
154	14.536	14.529	14.545	VV	55	475	0.00%	0.004%
155	14.557	14.545	14.603	VV	67	1829	0.02%	0.014%
156	14.618	14.603	14.666	VV	65	1783	0.02%	0.013%

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157	14.679	14.666	14.707	VV	64	1366	0.01%	0.010%
158	14.735	14.707	14.757	VV	72	1877	0.02%	0.014%
159	14.765	14.757	14.774	VV	67	630	0.01%	0.005%
160	14.788	14.774	14.797	VV	71	875	0.01%	0.007%
161	14.848	14.797	14.858	VV	78	2349	0.02%	0.018%
162	14.872	14.858	14.907	VV	79	1863	0.02%	0.014%
163	14.919	14.907	14.927	VV	62	650	0.01%	0.005%
164	14.936	14.927	14.957	VV	61	995	0.01%	0.007%
165	15.003	14.957	15.013	VV	79	2210	0.02%	0.017%
166	15.042	15.013	15.066	VV	94	2637	0.02%	0.020%
167	15.074	15.066	15.097	VV	90	1490	0.01%	0.011%
168	15.128	15.097	15.155	VV	90	2712	0.02%	0.020%
169	15.191	15.155	15.256	VV	102	5113	0.05%	0.038%
170	15.281	15.256	15.290	VV	100	1821	0.02%	0.014%
171	15.315	15.290	15.324	VV	114	2128	0.02%	0.016%
172	15.370	15.324	15.386	VV	150	4743	0.04%	0.035%
173	15.398	15.386	15.542	VV	140	10433	0.09%	0.078%
174	15.553	15.542	15.568	VV	97	1282	0.01%	0.010%
175	15.578	15.568	15.588	VV	92	1010	0.01%	0.008%
176	15.595	15.588	15.609	VV	89	1053	0.01%	0.008%
177	15.626	15.609	15.634	VV	90	1282	0.01%	0.010%
178	15.671	15.634	15.693	VV	105	3259	0.03%	0.024%
179	15.700	15.693	15.718	VV	118	1492	0.01%	0.011%
180	15.731	15.718	15.748	VV	113	1834	0.02%	0.014%
181	15.760	15.748	15.784	VV	112	2015	0.02%	0.015%
182	15.825	15.784	15.844	VV	105	3377	0.03%	0.025%
183	15.858	15.844	15.880	VV	98	2103	0.02%	0.016%
184	15.891	15.880	15.899	VV	107	1123	0.01%	0.008%
185	15.923	15.899	15.948	VV	131	3527	0.03%	0.026%
186	15.972	15.948	15.980	VV	131	2367	0.02%	0.018%
187	15.987	15.980	16.032	VV	131	3677	0.03%	0.028%
188	16.043	16.032	16.055	VV	122	1472	0.01%	0.011%
189	16.071	16.055	16.088	VV	109	1986	0.02%	0.015%
190	16.101	16.088	16.111	VV	122	1543	0.01%	0.012%
191	16.131	16.111	16.142	VV	134	2199	0.02%	0.016%
192	16.207	16.142	16.217	VV	187	6984	0.06%	0.052%
193	16.221	16.217	16.315	VV	179	7941	0.07%	0.059%
194	16.350	16.315	16.363	VV	154	3737	0.03%	0.028%
195	16.384	16.363	16.403	VBA	143	2922	0.03%	0.022%

Sum of corrected areas: 13366099

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-616-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-04	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031545.D	1	03/04/25 13:06	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	22.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	54.4	*	50 - 150	272%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031545.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:06
Operator : YP/AJ
Sample : Q1478-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.747	1279458	54.424 ng/ml
Target Compounds			

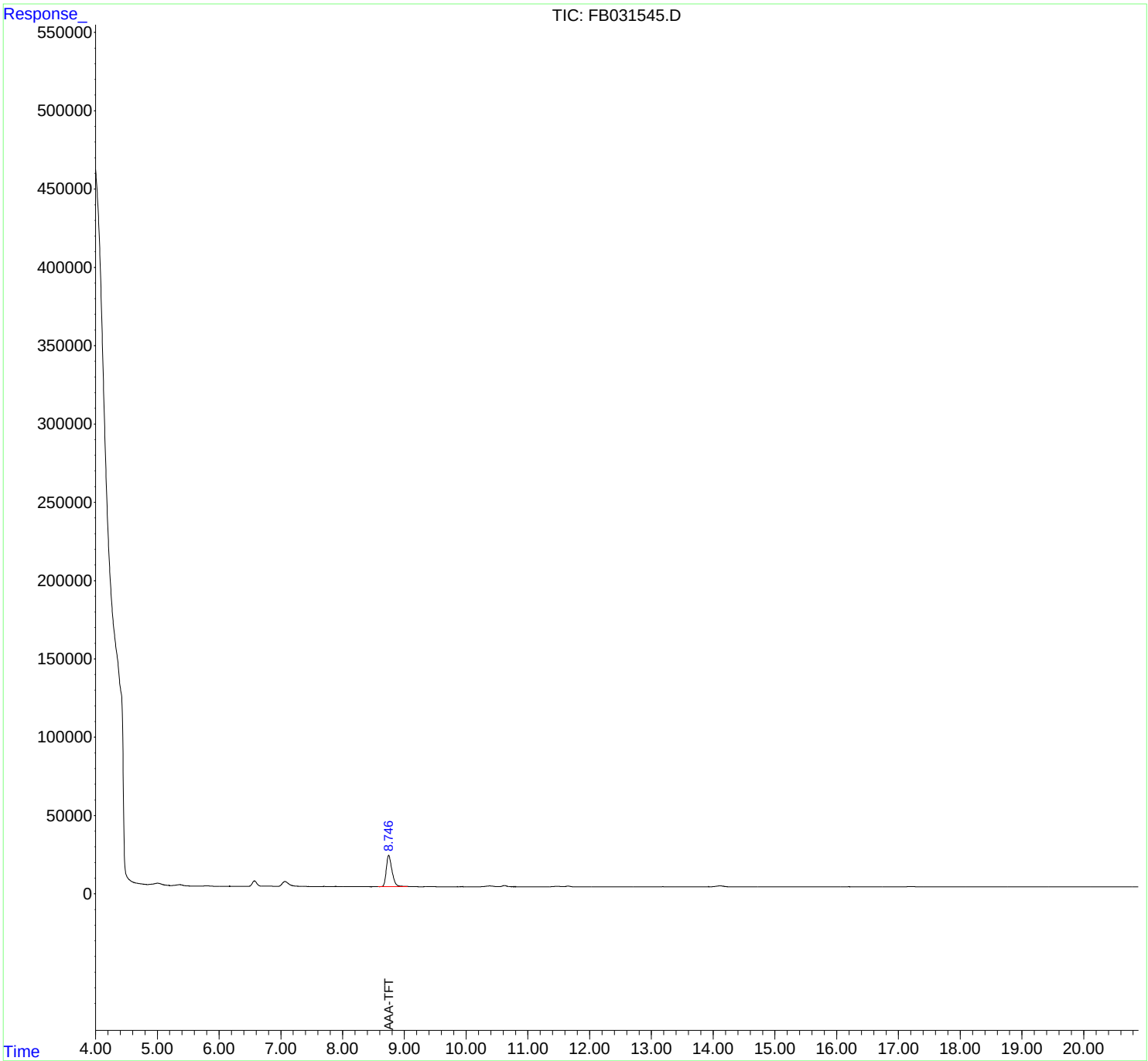
(f)=RT Delta > 1/2 Window (m)=manual int.

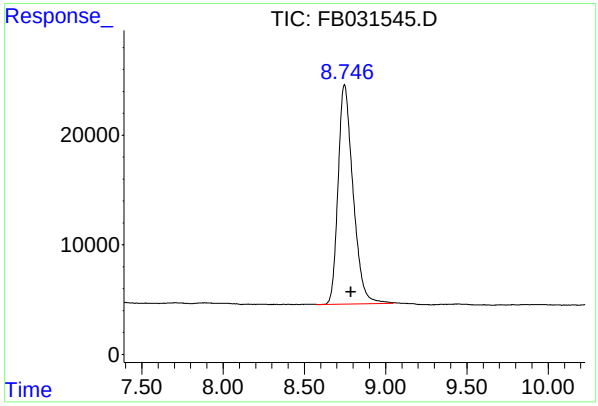
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031545.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:06
Operator : YP/AJ
Sample : Q1478-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.747 min
Delta R.T.: -0.039 mi
Response: 1279458
Conc: 54.42 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031545.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:06
Sample : Q1478-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.004	4.804	5.214	BV	1101	94649	7.23%	4.545%
2	5.594	5.578	5.639	PV	35	418	0.03%	0.020%
3	5.659	5.639	5.692	VV	17	210	0.02%	0.010%
4	5.804	5.692	5.965	PV	267	16007	1.22%	0.769%
5	6.000	5.965	6.015	PV	24	330	0.03%	0.016%
6	6.038	6.015	6.059	VV	28	553	0.04%	0.027%
7	6.073	6.059	6.091	VV	35	574	0.04%	0.028%
8	6.104	6.091	6.115	VV	39	485	0.04%	0.023%
9	6.178	6.115	6.295	VV	92	5852	0.45%	0.281%
10	6.316	6.295	6.324	VV	44	633	0.05%	0.030%
11	6.340	6.324	6.349	VV	62	744	0.06%	0.036%
12	6.356	6.349	6.366	VV	61	524	0.04%	0.025%
13	6.374	6.366	6.394	VV	55	844	0.06%	0.041%
14	6.401	6.394	6.467	VV	53	739	0.06%	0.035%
15	7.067	6.947	7.390	VV	3236	262750	20.08%	12.617%
16	7.401	7.390	7.454	VV	111	3161	0.24%	0.152%
17	7.467	7.454	7.479	VV	65	778	0.06%	0.037%
18	7.487	7.479	7.513	VV	52	921	0.07%	0.044%
19	7.525	7.513	7.538	VV	59	803	0.06%	0.039%
20	7.548	7.538	7.577	VV	56	1121	0.09%	0.054%
21	7.581	7.577	7.607	VV	54	854	0.07%	0.041%
22	7.638	7.607	7.646	VV	74	1299	0.10%	0.062%
23	7.696	7.646	7.771	VV	111	6755	0.52%	0.324%
24	7.779	7.771	7.805	VV	70	1101	0.08%	0.053%
25	7.887	7.805	7.958	VV	132	8730	0.67%	0.419%
26	7.983	7.958	8.076	VV	97	5739	0.44%	0.276%

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27	8.083	8.076	8.122	VV	61	682	0.05%	0.033%
28	8.137	8.122	8.144	PV	22	184	0.01%	0.009%
29	8.155	8.144	8.184	VV	35	514	0.04%	0.025%
30	8.193	8.184	8.246	VV	22	612	0.05%	0.029%
31	8.258	8.246	8.284	VV	30	386	0.03%	0.019%
32	8.331	8.284	8.351	PV	21	402	0.03%	0.019%
33	8.368	8.351	8.387	VV	22	310	0.02%	0.015%
34	8.396	8.387	8.418	VV	33	344	0.03%	0.017%
35	8.425	8.418	8.442	VV	18	145	0.01%	0.007%
36	8.452	8.442	8.463	PV	32	185	0.01%	0.009%
37	8.486	8.463	8.495	VV	46	420	0.03%	0.020%
38	8.513	8.495	8.601	VV	47	1874	0.14%	0.090%
39	8.747	8.601	9.101	VV	20103	1308422	100.00%	62.828%
40	9.110	9.101	9.227	VV	162	8058	0.62%	0.387%
41	9.236	9.227	9.280	VV	37	997	0.08%	0.048%
42	9.353	9.280	9.377	VV	81	3093	0.24%	0.149%
43	9.388	9.377	9.402	VV	81	1130	0.09%	0.054%
44	9.447	9.402	9.475	VV	118	4194	0.32%	0.201%
45	9.486	9.475	9.580	VV	93	3086	0.24%	0.148%
46	9.602	9.580	9.622	VV	49	877	0.07%	0.042%
47	9.633	9.622	9.667	VV	41	575	0.04%	0.028%
48	9.707	9.667	9.723	VV	51	1004	0.08%	0.048%
49	9.732	9.723	9.743	VV	39	376	0.03%	0.018%
50	9.784	9.743	9.816	VV	64	2099	0.16%	0.101%
51	9.862	9.816	9.887	VV	71	2557	0.20%	0.123%
52	9.909	9.887	9.921	VV	79	1481	0.11%	0.071%
53	9.937	9.921	9.966	VV	86	2040	0.16%	0.098%
54	9.982	9.966	9.999	VV	78	1443	0.11%	0.069%
55	10.014	9.999	10.030	VV	70	976	0.07%	0.047%
56	10.043	10.030	10.060	VV	57	809	0.06%	0.039%
57	10.068	10.060	10.085	VV	46	539	0.04%	0.026%
58	10.101	10.085	10.135	PV	55	1092	0.08%	0.052%
59	10.168	10.135	10.193	VV	53	1364	0.10%	0.066%
60	10.255	10.193	10.262	VV	124	2980	0.23%	0.143%
61	10.390	10.262	10.518	VV	576	53273	4.07%	2.558%
62	10.622	10.518	10.741	VV	855	49057	3.75%	2.356%
63	10.754	10.741	10.779	VV	105	2122	0.16%	0.102%
64	10.788	10.779	10.815	VV	88	1797	0.14%	0.086%
65	10.828	10.815	10.877	VV	76	1912	0.15%	0.092%
66	10.884	10.877	10.898	VV	37	373	0.03%	0.018%
67	10.916	10.898	10.928	VV	39	523	0.04%	0.025%
68	10.940	10.928	10.950	VV	38	352	0.03%	0.017%
69	10.977	10.950	11.003	VV	36	854	0.07%	0.041%
70	11.013	11.003	11.035	VV	34	532	0.04%	0.026%

71	11.057	11.035	11.084	VV	31	646	0.05%	0.031%
72	11.112	11.084	11.135	VV	32	714	0.05%	0.034%
73	11.150	11.135	11.178	VV	47	689	0.05%	0.033%
74	11.181	11.178	11.212	VV	24	405	0.03%	0.019%
75	11.231	11.212	11.289	VV	28	1053	0.08%	0.051%
76	11.301	11.289	11.318	VV	41	512	0.04%	0.025%
77	11.487	11.318	11.575	VV	325	29155	2.23%	1.400%
78	11.653	11.575	11.768	VV	507	27517	2.10%	1.321%
79	11.781	11.768	11.806	VV	52	984	0.08%	0.047%
80	11.819	11.806	11.832	VV	46	580	0.04%	0.028%
81	11.868	11.832	11.878	VV	72	1480	0.11%	0.071%
82	11.885	11.878	11.894	VV	57	486	0.04%	0.023%
83	11.901	11.894	11.932	VV	44	836	0.06%	0.040%
84	11.943	11.932	11.977	VV	36	656	0.05%	0.032%
85	11.990	11.977	12.002	VV	29	340	0.03%	0.016%
86	12.010	12.002	12.031	VV	28	371	0.03%	0.018%
87	12.043	12.031	12.052	VV	29	272	0.02%	0.013%
88	12.081	12.052	12.090	VV	27	464	0.04%	0.022%
89	12.128	12.090	12.147	VV	37	873	0.07%	0.042%
90	12.164	12.147	12.173	VV	38	414	0.03%	0.020%
91	12.182	12.173	12.192	VV	28	260	0.02%	0.012%
92	12.208	12.192	12.228	VV	24	403	0.03%	0.019%
93	12.236	12.228	12.248	VV	31	297	0.02%	0.014%
94	12.270	12.248	12.293	VV	36	773	0.06%	0.037%
95	12.306	12.293	12.331	VV	39	783	0.06%	0.038%
96	12.338	12.331	12.346	VV	31	265	0.02%	0.013%
97	12.362	12.346	12.378	VV	44	554	0.04%	0.027%
98	12.385	12.378	12.401	VV	25	268	0.02%	0.013%
99	12.411	12.401	12.432	VV	25	311	0.02%	0.015%
100	12.478	12.432	12.487	VV	33	632	0.05%	0.030%
101	12.492	12.487	12.503	VV	26	193	0.01%	0.009%
102	12.529	12.503	12.569	VV	26	793	0.06%	0.038%
103	12.578	12.569	12.592	VV	25	283	0.02%	0.014%
104	12.596	12.592	12.601	VV	24	104	0.01%	0.005%
105	12.612	12.601	12.628	VV	30	374	0.03%	0.018%
106	12.644	12.628	12.660	VV	36	482	0.04%	0.023%
107	12.672	12.660	12.683	VV	30	251	0.02%	0.012%
108	12.693	12.683	12.701	VV	25	200	0.02%	0.010%
109	12.728	12.701	12.762	VV	37	955	0.07%	0.046%
110	12.783	12.762	12.806	VV	26	618	0.05%	0.030%
111	12.815	12.806	12.829	VV	23	252	0.02%	0.012%
112	12.837	12.829	12.851	VV	22	180	0.01%	0.009%
113	12.860	12.851	12.881	VV	24	246	0.02%	0.012%

114	12.890	12.881	12.896	VV	18	123	0.01%	0.006%
115	12.924	12.896	12.959	VV	35	905	0.07%	0.043%
116	12.969	12.959	12.977	VV	31	243	0.02%	0.012%
117	12.987	12.977	12.994	VV	22	192	0.01%	0.009%
118	13.052	12.994	13.062	VV	68	1671	0.13%	0.080%
119	13.070	13.062	13.128	VV	68	1668	0.13%	0.080%
120	13.188	13.128	13.275	VV	126	6472	0.49%	0.311%
121	13.311	13.275	13.319	VV	27	545	0.04%	0.026%
122	13.339	13.319	13.377	VV	26	662	0.05%	0.032%
123	13.396	13.377	13.408	VV	25	332	0.03%	0.016%
124	13.421	13.408	13.465	PV	25	538	0.04%	0.026%
125	13.519	13.465	13.564	VV	35	1502	0.11%	0.072%
126	13.588	13.564	13.611	VV	37	728	0.06%	0.035%
127	13.629	13.611	13.647	VV	29	450	0.03%	0.022%
128	13.667	13.647	13.716	VV	34	919	0.07%	0.044%
129	13.728	13.716	13.760	VV	29	511	0.04%	0.025%
130	13.791	13.760	13.809	VV	34	723	0.06%	0.035%
131	13.824	13.809	13.842	VV	29	453	0.03%	0.022%
132	13.929	13.842	13.966	VV	113	5370	0.41%	0.258%
133	14.113	13.966	14.312	VV	677	61723	4.72%	2.964%
134	14.368	14.312	14.443	VV	37	1926	0.15%	0.092%
135	14.526	14.443	14.589	VV	37	2023	0.15%	0.097%
136	14.611	14.589	14.630	VV	27	477	0.04%	0.023%
137	14.647	14.630	14.695	VV	26	723	0.06%	0.035%
138	14.726	14.695	14.749	VV	23	499	0.04%	0.024%
139	14.762	14.749	14.808	VV	22	551	0.04%	0.026%
140	14.819	14.808	14.841	VV	19	276	0.02%	0.013%
141	14.863	14.841	14.909	VV	25	677	0.05%	0.032%
142	14.950	14.909	14.982	VV	29	829	0.06%	0.040%
143	15.054	14.982	15.127	VV	65	3037	0.23%	0.146%
144	15.146	15.127	15.183	VV	50	959	0.07%	0.046%
145	15.214	15.183	15.273	VV	37	1608	0.12%	0.077%
146	15.374	15.273	15.446	VV	93	6745	0.52%	0.324%
147	15.458	15.446	15.545	VV	59	1914	0.15%	0.092%
148	15.572	15.545	15.616	VV	25	724	0.06%	0.035%
149	15.645	15.616	15.690	PV	31	807	0.06%	0.039%
150	15.705	15.690	15.767	VV	34	954	0.07%	0.046%
151	15.782	15.767	15.813	VV	33	482	0.04%	0.023%
152	15.937	15.813	16.005	VV	53	3092	0.24%	0.148%
153	16.022	16.005	16.086	VV	34	789	0.06%	0.038%
154	16.113	16.086	16.135	PV	30	442	0.03%	0.021%
155	16.198	16.135	16.302	VV	133	6587	0.50%	0.316%
156	16.314	16.302	16.336	PV	16	169	0.01%	0.008%

rteres
Sum of corrected areas: 2082556

FB021125.M Fri Mar 07 01:21:55 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-616-022825RE	SDG No.:	Q1478
Lab Sample ID:	Q1478-04RE	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031550.D	1	03/04/25 16:07	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	23.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	42.7	*	50 - 150	213%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031550.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:07
Operator : YP/AJ
Sample : Q1478-04RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:08:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.748	1003145	42.670 ng/ml
Target Compounds			

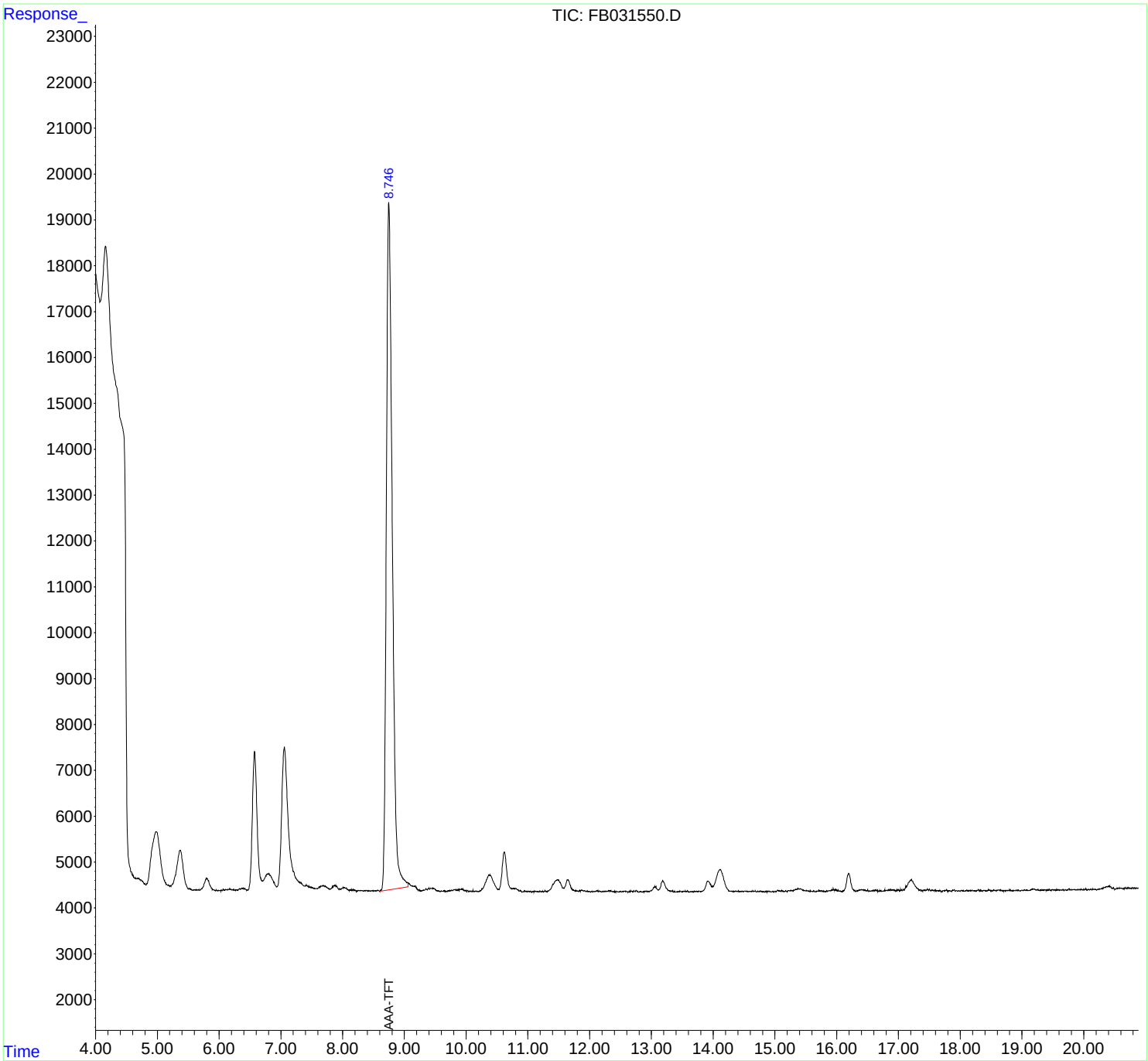
(f)=RT Delta > 1/2 Window (m)=manual int.

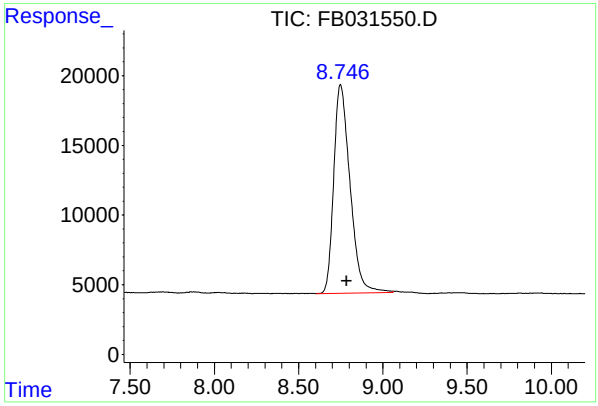
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031550.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:07
Operator : YP/AJ
Sample : Q1478-04RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:08:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.748 min
Delta R.T.: -0.038 mi
Response: 1003145
Conc: 42.67 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-616-022825RE

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031550.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:07
Sample : Q1478-04 RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.686	4.621	4.815	BV	43	2433	0.24%	0.132%
2	5.520	5.511	5.573	VV	31	579	0.06%	0.031%
3	5.600	5.573	5.614	PV	18	233	0.02%	0.013%
4	5.628	5.614	5.664	VV	25	397	0.04%	0.022%
5	5.672	5.664	5.686	VV	20	146	0.01%	0.008%
6	5.798	5.686	5.943	VV	269	16954	1.65%	0.919%
7	5.954	5.943	5.978	VV	24	271	0.03%	0.015%
8	5.988	5.978	6.010	PV	19	204	0.02%	0.011%
9	6.023	6.010	6.032	VV	21	167	0.02%	0.009%
10	6.045	6.032	6.054	VV	21	181	0.02%	0.010%
11	6.066	6.054	6.092	VV	41	557	0.05%	0.030%
12	6.105	6.092	6.118	VV	38	419	0.04%	0.023%
13	6.126	6.118	6.137	VV	34	360	0.04%	0.020%
14	6.147	6.137	6.157	VV	40	429	0.04%	0.023%
15	6.168	6.157	6.205	VV	52	1114	0.11%	0.060%
16	6.214	6.205	6.227	VV	34	376	0.04%	0.020%
17	6.236	6.227	6.254	VV	42	510	0.05%	0.028%
18	6.264	6.254	6.302	VV	34	745	0.07%	0.040%
19	6.331	6.302	6.352	VV	59	1230	0.12%	0.067%
20	6.373	6.352	6.413	VV	64	2086	0.20%	0.113%
21	6.418	6.413	6.469	VV	61	1183	0.12%	0.064%
22	6.576	6.469	6.699	VV	3045	163468	15.94%	8.862%
23	6.788	6.699	6.798	VV	381	18250	1.78%	0.989%
24	7.058	6.935	7.387	VV	3150	253247	24.70%	13.730%
25	7.395	7.387	7.402	VV	128	1114	0.11%	0.060%
26	7.419	7.402	7.474	VV	143	4986	0.49%	0.270%

rteres

27	7.479	7.474	7.486	VV	106	709	0.07%	0.038%
28	7.493	7.486	7.559	VV	102	3474	0.34%	0.188%
29	7.582	7.559	7.590	VV	68	1198	0.12%	0.065%
30	7.625	7.590	7.632	VV	111	2210	0.22%	0.120%
31	7.654	7.632	7.662	VV	122	2009	0.20%	0.109%
32	7.672	7.662	7.688	VV	133	1976	0.19%	0.107%
33	7.696	7.688	7.790	VV	135	5967	0.58%	0.324%
34	7.845	7.790	7.849	VV	115	2798	0.27%	0.152%
35	7.878	7.849	7.901	VV	141	3963	0.39%	0.215%
36	7.908	7.901	7.967	VV	121	3088	0.30%	0.167%
37	8.026	7.967	8.122	VV	99	6316	0.62%	0.342%
38	8.130	8.122	8.156	VV	52	773	0.08%	0.042%
39	8.170	8.156	8.211	VV	49	1310	0.13%	0.071%
40	8.216	8.211	8.225	VV	39	199	0.02%	0.011%
41	8.240	8.225	8.280	PV	31	840	0.08%	0.046%
42	8.293	8.280	8.306	VV	35	450	0.04%	0.024%
43	8.311	8.306	8.332	VV	32	412	0.04%	0.022%
44	8.368	8.332	8.407	VV	36	1186	0.12%	0.064%
45	8.428	8.407	8.463	VV	30	748	0.07%	0.041%
46	8.475	8.463	8.482	VV	27	267	0.03%	0.014%
47	8.493	8.482	8.504	VV	35	364	0.04%	0.020%
48	8.529	8.504	8.554	VV	33	715	0.07%	0.039%
49	8.566	8.554	8.602	VV	41	811	0.08%	0.044%
50	8.748	8.602	9.110	VV	15022	1025234	100.00%	55.582%
51	9.117	9.110	9.167	VV	140	4468	0.44%	0.242%
52	9.174	9.167	9.222	VV	134	2925	0.29%	0.159%
53	9.227	9.222	9.266	VV	52	928	0.09%	0.050%
54	9.349	9.266	9.372	VV	72	2661	0.26%	0.144%
55	9.396	9.372	9.411	VV	85	1585	0.15%	0.086%
56	9.425	9.411	9.437	VV	82	1208	0.12%	0.065%
57	9.453	9.437	9.569	VV	85	4153	0.41%	0.225%
58	9.596	9.569	9.625	VV	22	556	0.05%	0.030%
59	9.645	9.625	9.652	VV	30	370	0.04%	0.020%
60	9.660	9.652	9.678	VV	31	301	0.03%	0.016%
61	9.684	9.678	9.691	VV	20	127	0.01%	0.007%
62	9.717	9.691	9.725	VV	35	495	0.05%	0.027%
63	9.771	9.725	9.781	VV	42	1116	0.11%	0.060%
64	9.823	9.781	9.862	VV	58	2218	0.22%	0.120%
65	9.876	9.862	9.884	VV	58	614	0.06%	0.033%
66	9.944	9.884	9.986	VV	75	3112	0.30%	0.169%
67	9.999	9.986	10.011	VV	46	463	0.05%	0.025%
68	10.024	10.011	10.047	VV	39	507	0.05%	0.028%
69	10.056	10.047	10.065	VV	30	219	0.02%	0.012%
70	10.078	10.065	10.092	VV	31	299	0.03%	0.016%

71	10.114	10.092	10.127	VV	36	394	0.04%	0.021%
72	10.153	10.127	10.162	VV	21	363	0.04%	0.020%
73	10.172	10.162	10.184	VV	24	251	0.02%	0.014%
74	10.370	10.184	10.518	VV	381	35292	3.44%	1.913%
75	10.620	10.518	10.725	VV	879	47471	4.63%	2.574%
76	10.734	10.725	10.757	VV	89	1512	0.15%	0.082%
77	10.778	10.757	10.861	VV	88	4206	0.41%	0.228%
78	10.883	10.861	10.907	VV	36	675	0.07%	0.037%
79	10.951	10.907	10.965	PV	36	563	0.05%	0.031%
80	10.975	10.965	10.988	VV	27	231	0.02%	0.013%
81	11.005	10.988	11.017	VV	25	281	0.03%	0.015%
82	11.023	11.017	11.029	VV	20	108	0.01%	0.006%
83	11.043	11.029	11.068	VV	24	340	0.03%	0.018%
84	11.106	11.068	11.114	VV	28	419	0.04%	0.023%
85	11.123	11.114	11.153	VV	23	412	0.04%	0.022%
86	11.163	11.153	11.183	VV	23	241	0.02%	0.013%
87	11.198	11.183	11.222	VV	33	400	0.04%	0.022%
88	11.235	11.222	11.259	VV	24	321	0.03%	0.017%
89	11.277	11.259	11.292	VV	35	415	0.04%	0.022%
90	11.479	11.292	11.584	VV	276	25675	2.50%	1.392%
91	11.646	11.584	11.765	VV	274	15185	1.48%	0.823%
92	11.774	11.765	11.786	VV	45	368	0.04%	0.020%
93	11.796	11.786	11.815	VV	36	470	0.05%	0.026%
94	11.841	11.815	11.849	VV	46	654	0.06%	0.035%
95	11.871	11.849	11.912	VV	48	1415	0.14%	0.077%
96	11.921	11.912	11.947	VV	37	554	0.05%	0.030%
97	11.958	11.947	11.980	VV	34	398	0.04%	0.022%
98	11.987	11.980	12.017	VV	21	345	0.03%	0.019%
99	12.031	12.017	12.055	VV	22	301	0.03%	0.016%
100	12.061	12.055	12.081	VV	23	266	0.03%	0.014%
101	12.124	12.081	12.144	VV	39	944	0.09%	0.051%
102	12.160	12.144	12.170	VV	27	341	0.03%	0.018%
103	12.176	12.170	12.196	VV	23	217	0.02%	0.012%
104	12.239	12.196	12.249	VV	24	508	0.05%	0.028%
105	12.258	12.249	12.266	VV	27	217	0.02%	0.012%
106	12.290	12.266	12.297	VV	25	417	0.04%	0.023%
107	12.314	12.297	12.336	VV	41	730	0.07%	0.040%
108	12.344	12.336	12.359	VV	43	399	0.04%	0.022%
109	12.367	12.359	12.381	VV	23	228	0.02%	0.012%
110	12.392	12.381	12.422	VV	23	336	0.03%	0.018%
111	12.430	12.422	12.450	VV	22	239	0.02%	0.013%
112	12.455	12.450	12.472	VV	15	141	0.01%	0.008%
113	12.481	12.472	12.488	VV	17	106	0.01%	0.006%

114	12.499	12.488	12.519	VV	25	283	0.03%	0.015%
115	12.533	12.519	12.542	VV	20	200	0.02%	0.011%
116	12.559	12.542	12.567	VV	25	274	0.03%	0.015%
117	12.576	12.567	12.588	VV	25	259	0.03%	0.014%
118	12.597	12.588	12.624	VV	18	292	0.03%	0.016%
119	12.643	12.624	12.653	VV	27	226	0.02%	0.012%
120	12.663	12.653	12.702	VV	38	625	0.06%	0.034%
121	12.715	12.702	12.737	VV	35	445	0.04%	0.024%
122	12.754	12.737	12.790	VV	43	728	0.07%	0.039%
123	12.825	12.790	12.853	VV	21	420	0.04%	0.023%
124	12.891	12.853	12.905	VV	29	493	0.05%	0.027%
125	12.918	12.905	12.929	VV	26	293	0.03%	0.016%
126	12.937	12.929	12.960	VV	25	349	0.03%	0.019%
127	13.062	12.960	13.113	VV	125	6278	0.61%	0.340%
128	13.184	13.113	13.278	VV	256	13409	1.31%	0.727%
129	13.287	13.278	13.308	VV	42	642	0.06%	0.035%
130	13.320	13.308	13.331	VV	33	407	0.04%	0.022%
131	13.346	13.331	13.359	VV	37	348	0.03%	0.019%
132	13.378	13.359	13.395	VV	24	227	0.02%	0.012%
133	13.417	13.395	13.435	VV	17	280	0.03%	0.015%
134	13.469	13.435	13.515	VV	28	842	0.08%	0.046%
135	13.530	13.515	13.561	VV	25	580	0.06%	0.031%
136	13.584	13.561	13.609	VV	34	517	0.05%	0.028%
137	13.664	13.609	13.681	PV	19	556	0.05%	0.030%
138	13.696	13.681	13.753	VV	24	744	0.07%	0.040%
139	13.767	13.753	13.807	VV	26	604	0.06%	0.033%
140	13.916	13.807	14.000	VV	242	15314	1.49%	0.830%
141	14.114	14.000	14.348	VV	495	44214	4.31%	2.397%
142	14.363	14.348	14.458	VV	28	1176	0.11%	0.064%
143	14.473	14.458	14.496	VV	19	351	0.03%	0.019%
144	14.515	14.496	14.574	VV	25	841	0.08%	0.046%
145	14.590	14.574	14.618	VV	20	450	0.04%	0.024%
146	14.643	14.618	14.700	VV	28	890	0.09%	0.048%
147	14.725	14.700	14.742	VV	24	326	0.03%	0.018%
148	14.758	14.742	14.833	VV	28	760	0.07%	0.041%
149	14.868	14.833	14.952	VV	28	947	0.09%	0.051%
150	14.965	14.952	14.986	VV	22	189	0.02%	0.010%
151	15.003	14.986	15.019	VV	20	257	0.03%	0.014%
152	15.045	15.019	15.097	VV	46	1253	0.12%	0.068%
153	15.112	15.097	15.158	VV	31	767	0.07%	0.042%
154	15.175	15.158	15.194	VV	34	450	0.04%	0.024%
155	15.220	15.194	15.242	VV	31	766	0.07%	0.042%
156	15.259	15.242	15.291	VV	44	998	0.10%	0.054%

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157	15.377	15.291	15.499	VV	74	6390	0.62%	0.346%
158	15.516	15.499	15.613	VV	31	1375	0.13%	0.075%
159	15.632	15.613	15.651	VV	24	324	0.03%	0.018%
160	15.711	15.651	15.730	PV	28	770	0.08%	0.042%
161	15.746	15.730	15.824	VV	34	958	0.09%	0.052%
162	15.974	15.824	16.018	VV	56	3548	0.35%	0.192%
163	16.027	16.018	16.088	VV	37	624	0.06%	0.034%
164	16.196	16.088	16.319	PV	395	18951	1.85%	1.027%
			Sum of corrected areas:			1844541		

FB021125.M Wed Mar 05 03:01:24 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-614-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-06	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031546.D	1	03/04/25 13:34	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	36.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	77.2	*	50 - 150	386%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031546.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:34
Operator : YP/AJ
Sample : Q1478-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.746	1814733	77.192 ng/ml
Target Compounds			

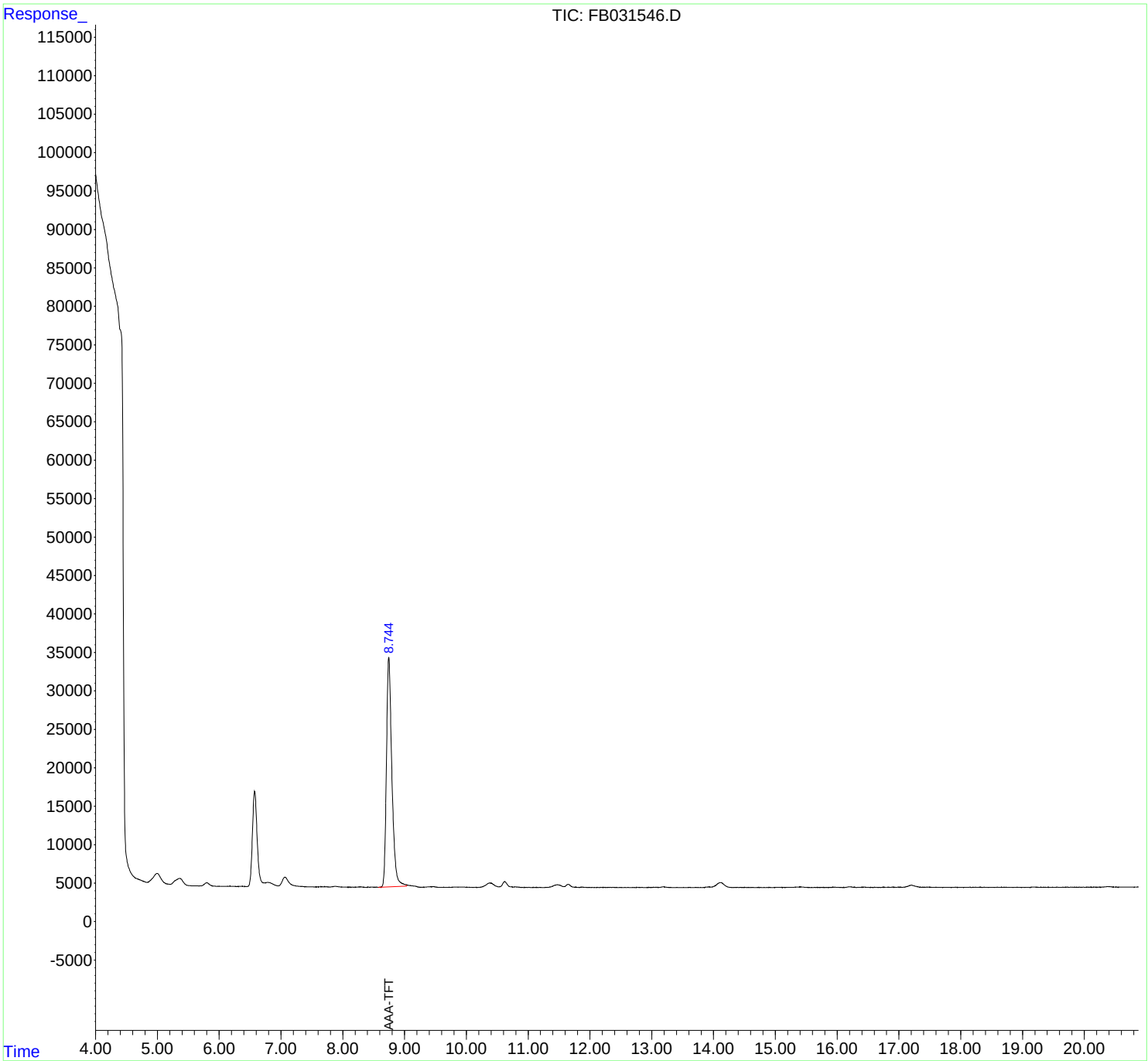
(f)=RT Delta > 1/2 Window (m)=manual int.

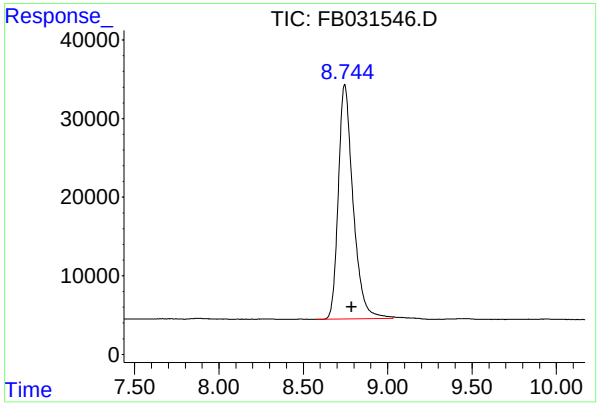
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031546.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:34
Operator : YP/AJ
Sample : Q1478-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.746 min
Delta R.T.: -0.040 mi
Response: 1814733
Conc: 77.19 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031546.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 13:34
Sample : Q1478-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.536	5.522	5.584	PV	13	72	0.00%	0.002%
2	5.610	5.584	5.635	PV	20	155	0.01%	0.005%
3	5.653	5.635	5.675	PV	23	207	0.01%	0.007%
4	5.805	5.675	5.932	PV	439	25683	1.38%	0.817%
5	5.937	5.932	5.979	VV	31	254	0.01%	0.008%
6	5.986	5.979	5.995	VV	22	84	0.00%	0.003%
7	6.007	5.995	6.032	PV	25	244	0.01%	0.008%
8	6.042	6.032	6.052	PV	19	110	0.01%	0.003%
9	6.082	6.052	6.095	PV	27	370	0.02%	0.012%
10	6.112	6.095	6.128	VV	30	394	0.02%	0.013%
11	6.137	6.128	6.155	VV	38	412	0.02%	0.013%
12	6.177	6.155	6.205	VV	62	1081	0.06%	0.034%
13	6.212	6.205	6.225	VV	37	348	0.02%	0.011%
14	6.237	6.225	6.292	VV	35	587	0.03%	0.019%
15	6.344	6.292	6.360	VV	46	1112	0.06%	0.035%
16	6.377	6.360	6.388	VV	53	670	0.04%	0.021%
17	6.397	6.388	6.452	VV	39	797	0.04%	0.025%
18	6.575	6.452	6.726	PV	12438	667604	35.87%	21.244%
19	6.787	6.726	6.962	VV	574	55726	2.99%	1.773%
20	7.064	6.962	7.488	VV	1269	106494	5.72%	3.389%
21	7.493	7.488	7.539	VV	29	619	0.03%	0.020%
22	7.553	7.539	7.571	VV	16	300	0.02%	0.010%
23	7.589	7.571	7.603	VV	26	356	0.02%	0.011%
24	7.665	7.603	7.690	VV	73	2109	0.11%	0.067%
25	7.718	7.690	7.738	VV	55	1360	0.07%	0.043%
26	7.748	7.738	7.796	VV	55	1077	0.06%	0.034%

27	7.869	7.796	8.025	PV	116	8178	0.44%	0.260%
28	8.036	8.025	8.090	VV	29	698	0.04%	0.022%
29	8.111	8.090	8.148	PV	30	499	0.03%	0.016%
30	8.161	8.148	8.177	VV	21	250	0.01%	0.008%
31	8.194	8.177	8.214	VV	25	313	0.02%	0.010%
32	8.288	8.214	8.361	VV	57	2864	0.15%	0.091%
33	8.413	8.361	8.431	PV	25	540	0.03%	0.017%
34	8.484	8.431	8.507	VV	40	1175	0.06%	0.037%
35	8.522	8.507	8.587	VV	32	868	0.05%	0.028%
36	8.746	8.587	9.272	VV	29900	1861194	100.00%	59.224%
37	9.440	9.272	9.568	VV	97	9940	0.53%	0.316%
38	9.587	9.568	9.614	VV	15	264	0.01%	0.008%
39	9.638	9.614	9.694	VV	25	701	0.04%	0.022%
40	9.717	9.694	9.732	VV	26	402	0.02%	0.013%
41	9.799	9.732	9.813	VV	44	1412	0.08%	0.045%
42	9.835	9.813	9.864	VV	46	1182	0.06%	0.038%
43	9.933	9.864	10.029	VV	54	3891	0.21%	0.124%
44	10.043	10.029	10.108	VV	34	618	0.03%	0.020%
45	10.124	10.108	10.144	VV	9	156	0.01%	0.005%
46	10.156	10.144	10.170	VV	24	118	0.01%	0.004%
47	10.389	10.170	10.527	PV	583	55055	2.96%	1.752%
48	10.622	10.527	10.761	VV	782	43491	2.34%	1.384%
49	10.794	10.761	10.936	VV	95	4676	0.25%	0.149%
50	10.966	10.936	10.981	VV	20	317	0.02%	0.010%
51	11.015	10.981	11.046	VV	22	532	0.03%	0.017%
52	11.071	11.046	11.136	PV	12	411	0.02%	0.013%
53	11.151	11.136	11.170	VV	15	196	0.01%	0.006%
54	11.205	11.170	11.258	VV	16	489	0.03%	0.016%
55	11.294	11.258	11.309	VV	28	444	0.02%	0.014%
56	11.473	11.309	11.587	VV	372	33503	1.80%	1.066%
57	11.649	11.587	11.755	VV	424	22123	1.19%	0.704%
58	11.772	11.755	11.835	VV	53	1670	0.09%	0.053%
59	11.877	11.835	12.027	VV	63	3221	0.17%	0.102%
60	12.037	12.027	12.054	VV	27	220	0.01%	0.007%
61	12.069	12.054	12.086	PV	20	192	0.01%	0.006%
62	12.128	12.086	12.144	VV	26	577	0.03%	0.018%
63	12.187	12.144	12.225	VV	28	891	0.05%	0.028%
64	12.239	12.225	12.283	VV	43	669	0.04%	0.021%
65	12.298	12.283	12.310	VV	36	396	0.02%	0.013%
66	12.324	12.310	12.353	VV	42	637	0.03%	0.020%
67	12.370	12.353	12.417	VV	30	800	0.04%	0.025%
68	12.435	12.417	12.475	VV	16	361	0.02%	0.011%
69	12.483	12.475	12.537	VV	23	458	0.02%	0.015%
70	12.569	12.537	12.592	VV	32	464	0.02%	0.015%

71	12.617	12.592	12.639	VV	24	343	0.02%	0.011%
72	12.690	12.639	12.705	VV	28	545	0.03%	0.017%
73	12.770	12.705	12.826	VV	41	1556	0.08%	0.050%
74	12.845	12.826	12.898	VV	24	646	0.03%	0.021%
75	12.931	12.898	12.954	VV	28	578	0.03%	0.018%
76	13.030	12.954	13.051	VV	49	1627	0.09%	0.052%
77	13.076	13.051	13.110	VV	50	1249	0.07%	0.040%
78	13.194	13.110	13.299	VV	106	6123	0.33%	0.195%
79	13.308	13.299	13.344	VV	25	331	0.02%	0.011%
80	13.410	13.344	13.452	PV	26	770	0.04%	0.025%
81	13.470	13.452	13.497	VV	20	353	0.02%	0.011%
82	13.516	13.497	13.549	VV	26	495	0.03%	0.016%
83	13.613	13.549	13.647	VV	42	1124	0.06%	0.036%
84	13.719	13.647	13.752	VV	29	1127	0.06%	0.036%
85	13.791	13.752	13.819	VV	25	735	0.04%	0.023%
86	13.922	13.819	13.970	VV	94	5476	0.29%	0.174%
87	14.108	13.970	14.329	VV	661	59901	3.22%	1.906%
88	14.360	14.329	14.376	VV	38	813	0.04%	0.026%
89	14.393	14.376	14.471	VV	46	1481	0.08%	0.047%
90	14.513	14.471	14.553	VV	29	1278	0.07%	0.041%
91	14.570	14.553	14.613	VV	36	830	0.04%	0.026%
92	14.643	14.613	14.694	VV	33	961	0.05%	0.031%
93	14.717	14.694	14.783	VV	30	1160	0.06%	0.037%
94	14.827	14.783	14.854	VV	24	782	0.04%	0.025%
95	14.870	14.854	14.934	PV	30	1079	0.06%	0.034%
96	15.026	14.934	15.039	VV	62	2359	0.13%	0.075%
97	15.058	15.039	15.119	VV	61	2496	0.13%	0.079%
98	15.136	15.119	15.167	VV	58	1408	0.08%	0.045%
99	15.207	15.167	15.286	VV	66	4447	0.24%	0.141%
100	15.411	15.286	15.576	VV	131	16085	0.86%	0.512%
101	15.586	15.576	15.610	VV	74	1348	0.07%	0.043%
102	15.706	15.610	15.746	VV	92	6245	0.34%	0.199%
103	15.757	15.746	15.797	VV	94	2497	0.13%	0.079%
104	15.811	15.797	15.849	VV	85	2541	0.14%	0.081%
105	15.874	15.849	15.899	VV	101	2685	0.14%	0.085%
106	15.944	15.899	16.098	VV	137	13220	0.71%	0.421%
107	16.116	16.098	16.129	VV	117	1996	0.11%	0.064%
108	16.202	16.129	16.313	VV	197	16998	0.91%	0.541%
109	16.407	16.313	16.482	VV	165	14434	0.78%	0.459%
110	16.497	16.482	16.544	VV	141	5090	0.27%	0.162%
111	16.607	16.544	16.672	VV	159	10789	0.58%	0.343%
112	16.689	16.672	16.711	VV	142	3284	0.18%	0.104%
113	16.757	16.711	16.801	VBA	175	8063	0.43%	0.257%

rteres
Sum of corrected areas: 3142624

FB021125.M Fri Mar 07 01:24:32 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-614-022825RE	SDG No.:	Q1478
Lab Sample ID:	Q1478-06RE	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031551.D	1	03/04/25 16:35	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	17.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	155	*	50 - 150	773%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031551.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:35
Operator : YP/AJ
Sample : Q1478-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:08:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.742	3634699	154.607 ng/ml
Target Compounds			

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

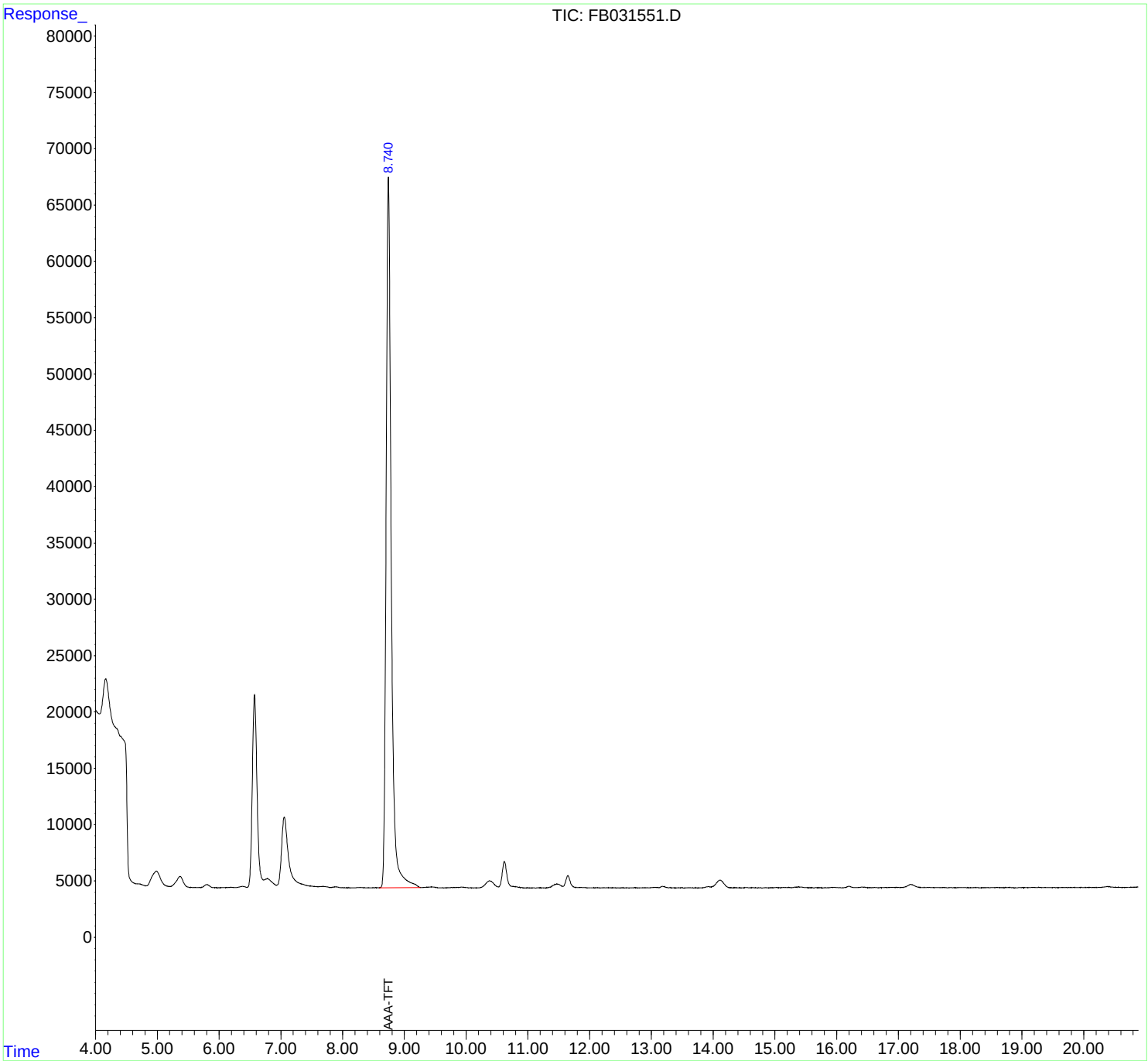
Quantitation Report (QT Reviewed)

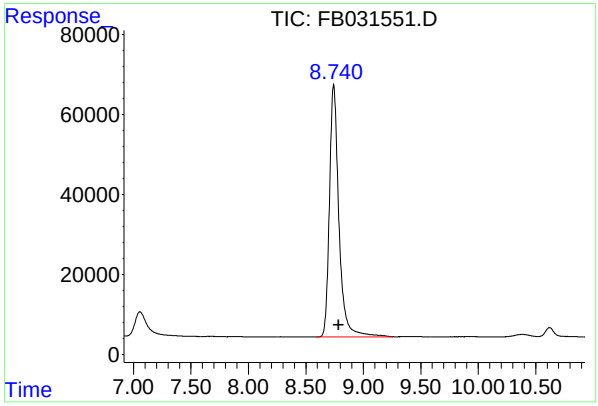
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031551.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:35
Operator : YP/AJ
Sample : Q1478-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:08:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.742 min
Delta R.T.: -0.044 mi
Response: 3634699
Conc: 154.61 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-614-022825RE

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031551.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 16:35
Sample : Q1478-06RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.558	5.543	5.578	PV	22	210	0.01%	0.005%
2	5.583	5.578	5.591	PV	6	25	0.00%	0.001%
3	5.601	5.591	5.608	PV	19	117	0.00%	0.003%
4	5.616	5.608	5.636	VV	25	194	0.01%	0.005%
5	5.679	5.636	5.686	VV	22	331	0.01%	0.008%
6	5.696	5.686	5.706	VV	21	205	0.01%	0.005%
7	5.794	5.706	5.918	VV	280	16955	0.46%	0.398%
8	5.939	5.918	5.989	VV	21	497	0.01%	0.012%
9	5.997	5.989	6.015	PV	18	156	0.00%	0.004%
10	6.049	6.015	6.061	VV	31	458	0.01%	0.011%
11	6.076	6.061	6.110	VV	33	686	0.02%	0.016%
12	6.192	6.110	6.265	VV	54	3326	0.09%	0.078%
13	6.380	6.265	6.457	VV	131	8924	0.24%	0.210%
14	6.782	6.723	6.929	VV	826	72935	2.00%	1.714%
15	7.532	7.524	7.618	VV	147	6719	0.18%	0.158%
16	7.682	7.618	7.810	VV	136	11998	0.33%	0.282%
17	7.884	7.810	7.958	VV	107	6515	0.18%	0.153%
18	7.966	7.958	7.978	VV	43	410	0.01%	0.010%
19	7.991	7.978	8.001	VV	45	457	0.01%	0.011%
20	8.008	8.001	8.017	VV	45	339	0.01%	0.008%
21	8.025	8.017	8.057	VV	39	573	0.02%	0.013%
22	8.069	8.057	8.081	VV	27	312	0.01%	0.007%
23	8.106	8.081	8.125	VV	27	478	0.01%	0.011%
24	8.134	8.125	8.149	PV	20	210	0.01%	0.005%
25	8.158	8.149	8.175	VV	23	262	0.01%	0.006%
26	8.282	8.175	8.339	VV	49	3217	0.09%	0.076%

27	8.357	8.339	8.369	VV	29	417	0.01%	0.010%
28	8.378	8.369	8.398	VV	23	298	0.01%	0.007%
29	8.427	8.398	8.437	VV	28	486	0.01%	0.011%
30	8.467	8.437	8.478	VV	26	500	0.01%	0.012%
31	8.482	8.478	8.489	VV	28	133	0.00%	0.003%
32	8.497	8.489	8.523	VV	32	462	0.01%	0.011%
33	8.535	8.523	8.556	VV	33	527	0.01%	0.012%
34	8.570	8.556	8.588	VV	33	472	0.01%	0.011%
35	8.742	8.588	9.278	VV	63074	3646895	100.00%	85.710%
36	9.289	9.278	9.296	VV	46	457	0.01%	0.011%
37	9.305	9.296	9.312	VV	60	485	0.01%	0.011%
38	9.338	9.312	9.346	VV	73	1295	0.04%	0.030%
39	9.355	9.346	9.364	VV	75	679	0.02%	0.016%
40	9.449	9.364	9.559	VV	105	8361	0.23%	0.196%
41	9.579	9.559	9.601	VV	23	509	0.01%	0.012%
42	9.623	9.601	9.660	VV	36	705	0.02%	0.017%
43	9.668	9.660	9.677	VV	29	194	0.01%	0.005%
44	9.690	9.677	9.707	VV	33	436	0.01%	0.010%
45	9.722	9.707	9.742	VV	42	639	0.02%	0.015%
46	9.759	9.742	9.773	VV	65	839	0.02%	0.020%
47	9.801	9.773	9.820	VV	59	1496	0.04%	0.035%
48	9.842	9.820	9.851	VV	66	1028	0.03%	0.024%
49	9.861	9.851	9.881	VV	63	1034	0.03%	0.024%
50	9.932	9.881	9.982	VV	87	4352	0.12%	0.102%
51	9.989	9.982	10.005	VV	63	644	0.02%	0.015%
52	10.016	10.005	10.037	VV	50	691	0.02%	0.016%
53	10.053	10.037	10.068	VV	25	390	0.01%	0.009%
54	10.076	10.068	10.094	VV	31	379	0.01%	0.009%
55	10.104	10.094	10.121	VV	30	324	0.01%	0.008%
56	10.145	10.121	10.165	VV	27	460	0.01%	0.011%
57	10.178	10.165	10.193	VV	31	362	0.01%	0.009%
58	10.381	10.193	10.528	VV	655	61917	1.70%	1.455%
59	10.619	10.528	10.887	VV	2364	133109	3.65%	3.128%
60	10.898	10.887	10.921	VV	51	738	0.02%	0.017%
61	10.935	10.921	10.952	VV	36	409	0.01%	0.010%
62	10.967	10.952	10.976	VV	20	209	0.01%	0.005%
63	11.006	10.976	11.027	VV	38	677	0.02%	0.016%
64	11.036	11.027	11.045	VV	26	207	0.01%	0.005%
65	11.087	11.045	11.100	VV	31	658	0.02%	0.015%
66	11.107	11.100	11.122	VV	28	233	0.01%	0.005%
67	11.171	11.122	11.180	PV	39	828	0.02%	0.019%
68	11.200	11.180	11.218	VV	41	622	0.02%	0.015%
69	11.236	11.218	11.246	VV	33	413	0.01%	0.010%
70	11.250	11.246	11.257	VV	20	106	0.00%	0.002%

71	11.268	11.257	11.278	VV	26	244	0.01%	0.006%
72	11.287	11.278	11.297	VV	30	263	0.01%	0.006%
73	11.307	11.297	11.314	VV	38	289	0.01%	0.007%
74	11.466	11.314	11.571	VV	367	33458	0.92%	0.786%
75	11.649	11.571	11.770	VV	1114	57977	1.59%	1.363%
76	11.778	11.770	11.814	VV	82	1534	0.04%	0.036%
77	11.833	11.814	11.852	VV	62	1275	0.03%	0.030%
78	11.861	11.852	11.893	VV	74	1378	0.04%	0.032%
79	11.899	11.893	11.910	VV	54	478	0.01%	0.011%
80	11.928	11.910	11.961	VV	45	1100	0.03%	0.026%
81	11.990	11.961	12.012	VV	27	685	0.02%	0.016%
82	12.022	12.012	12.044	VV	27	465	0.01%	0.011%
83	12.052	12.044	12.060	VV	25	214	0.01%	0.005%
84	12.071	12.060	12.085	VV	35	359	0.01%	0.008%
85	12.097	12.085	12.106	VV	43	357	0.01%	0.008%
86	12.123	12.106	12.147	VV	38	727	0.02%	0.017%
87	12.156	12.147	12.169	VV	35	312	0.01%	0.007%
88	12.191	12.169	12.200	VV	33	436	0.01%	0.010%
89	12.214	12.200	12.224	VV	35	406	0.01%	0.010%
90	12.236	12.224	12.258	VV	39	582	0.02%	0.014%
91	12.283	12.258	12.303	VV	38	849	0.02%	0.020%
92	12.311	12.303	12.324	VV	35	403	0.01%	0.009%
93	12.334	12.324	12.352	VV	39	468	0.01%	0.011%
94	12.367	12.352	12.379	VV	36	428	0.01%	0.010%
95	12.392	12.379	12.402	VV	36	386	0.01%	0.009%
96	12.413	12.402	12.431	VV	33	374	0.01%	0.009%
97	12.438	12.431	12.448	VV	27	199	0.01%	0.005%
98	12.460	12.448	12.476	VV	29	347	0.01%	0.008%
99	12.488	12.476	12.498	VV	30	297	0.01%	0.007%
100	12.524	12.498	12.570	VV	45	1123	0.03%	0.026%
101	12.579	12.570	12.592	VV	22	220	0.01%	0.005%
102	12.601	12.592	12.645	VV	33	651	0.02%	0.015%
103	12.684	12.645	12.727	VV	40	1359	0.04%	0.032%
104	12.737	12.727	12.784	VV	45	1018	0.03%	0.024%
105	12.822	12.784	12.844	VV	29	813	0.02%	0.019%
106	12.860	12.844	12.872	VV	36	465	0.01%	0.011%
107	12.904	12.872	12.920	VV	39	820	0.02%	0.019%
108	12.930	12.920	12.945	VV	39	389	0.01%	0.009%
109	12.954	12.945	12.977	VV	28	438	0.01%	0.010%
110	13.045	12.977	13.061	VV	73	2432	0.07%	0.057%
111	13.072	13.061	13.095	VV	65	1129	0.03%	0.027%
112	13.104	13.095	13.124	VV	61	835	0.02%	0.020%
113	13.180	13.124	13.281	VV	152	8276	0.23%	0.194%

114	13.295	13.281	13.327	VV	43	853	0.02%	0.020%
115	13.335	13.327	13.374	VV	30	680	0.02%	0.016%
116	13.384	13.374	13.404	VV	22	302	0.01%	0.007%
117	13.414	13.404	13.433	VV	30	379	0.01%	0.009%
118	13.443	13.433	13.471	VV	33	528	0.01%	0.012%
119	13.491	13.471	13.536	VV	52	949	0.03%	0.022%
120	13.567	13.536	13.577	VV	27	422	0.01%	0.010%
121	13.595	13.577	13.618	VV	42	689	0.02%	0.016%
122	13.627	13.618	13.645	VV	34	406	0.01%	0.010%
123	13.654	13.645	13.661	VV	24	180	0.00%	0.004%
124	13.670	13.661	13.688	VV	31	304	0.01%	0.007%
125	13.714	13.688	13.725	VV	32	512	0.01%	0.012%
126	13.734	13.725	13.756	VV	32	386	0.01%	0.009%
127	13.806	13.756	13.825	VV	27	741	0.02%	0.017%
128	13.844	13.825	13.858	VV	48	685	0.02%	0.016%
129	13.929	13.858	13.966	VV	134	6441	0.18%	0.151%
130	14.113	13.966	14.269	VV	705	63704	1.75%	1.497%
131	14.282	14.269	14.308	VV	38	737	0.02%	0.017%
132	14.361	14.308	14.371	VV	41	1091	0.03%	0.026%
133	14.381	14.371	14.407	VV	37	583	0.02%	0.014%
134	14.421	14.407	14.446	VV	38	618	0.02%	0.015%
135	14.521	14.446	14.602	VV	42	2669	0.07%	0.063%
136	14.607	14.602	14.615	VV	36	213	0.01%	0.005%
137	14.639	14.615	14.666	VV	40	859	0.02%	0.020%
138	14.679	14.666	14.713	VV	44	705	0.02%	0.017%
139	14.738	14.713	14.766	VV	35	700	0.02%	0.016%
140	14.772	14.766	14.792	VV	44	302	0.01%	0.007%
141	14.806	14.792	14.826	VV	20	274	0.01%	0.006%
142	14.842	14.826	14.878	VV	34	815	0.02%	0.019%
143	14.923	14.878	14.933	VV	39	656	0.02%	0.015%
144	14.944	14.933	14.956	VV	38	411	0.01%	0.010%
145	14.964	14.956	14.981	VV	35	433	0.01%	0.010%
146	15.028	14.981	15.041	VV	66	1477	0.04%	0.035%
147	15.052	15.041	15.094	VV	40	1014	0.03%	0.024%
148	15.140	15.094	15.178	VV	60	2284	0.06%	0.054%
149	15.196	15.178	15.205	VV	53	781	0.02%	0.018%
150	15.232	15.205	15.256	VV	62	1412	0.04%	0.033%
151	15.265	15.256	15.275	VV	45	377	0.01%	0.009%
152	15.318	15.275	15.330	VV	82	1899	0.05%	0.045%
153	15.339	15.330	15.353	VV	91	1090	0.03%	0.026%
154	15.512	15.504	15.543	VV	40	745	0.02%	0.017%
155	15.552	15.543	15.567	VV	30	360	0.01%	0.008%
156	15.581	15.567	15.631	VV	50	1008	0.03%	0.024%

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157	15.671	15.631	15.680	PV	44	773	0.02%	0.018%
158	15.697	15.680	15.733	VV	33	848	0.02%	0.020%
159	15.742	15.733	15.762	VV	36	375	0.01%	0.009%
160	15.817	15.762	15.849	VV	31	806	0.02%	0.019%
161	15.912	15.849	15.925	VV	59	1423	0.04%	0.033%
162	15.954	15.925	15.999	VV	63	2172	0.06%	0.051%
163	16.011	15.999	16.039	VV	40	671	0.02%	0.016%
164	16.050	16.039	16.091	VV	22	335	0.01%	0.008%
165	16.098	16.091	16.112	PV	19	116	0.00%	0.003%
166	16.187	16.112	16.193	PV	129	2763	0.08%	0.065%
167	16.210	16.193	16.295	VV	128	3849	0.11%	0.090%
168	16.309	16.295	16.330	VV	17	163	0.00%	0.004%
169	16.356	16.330	16.366	PV	13	113	0.00%	0.003%

Sum of corrected areas: 4254925

FB021125.M Fri Mar 07 01:29:08 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-612-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-08	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031547.D	1	03/04/25 14:02	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	30.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	161	*	50 - 150	803%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031547.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:02
Operator : YP/AJ
Sample : Q1478-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:08:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.743	3776068	160.621 ng/ml
Target Compounds				

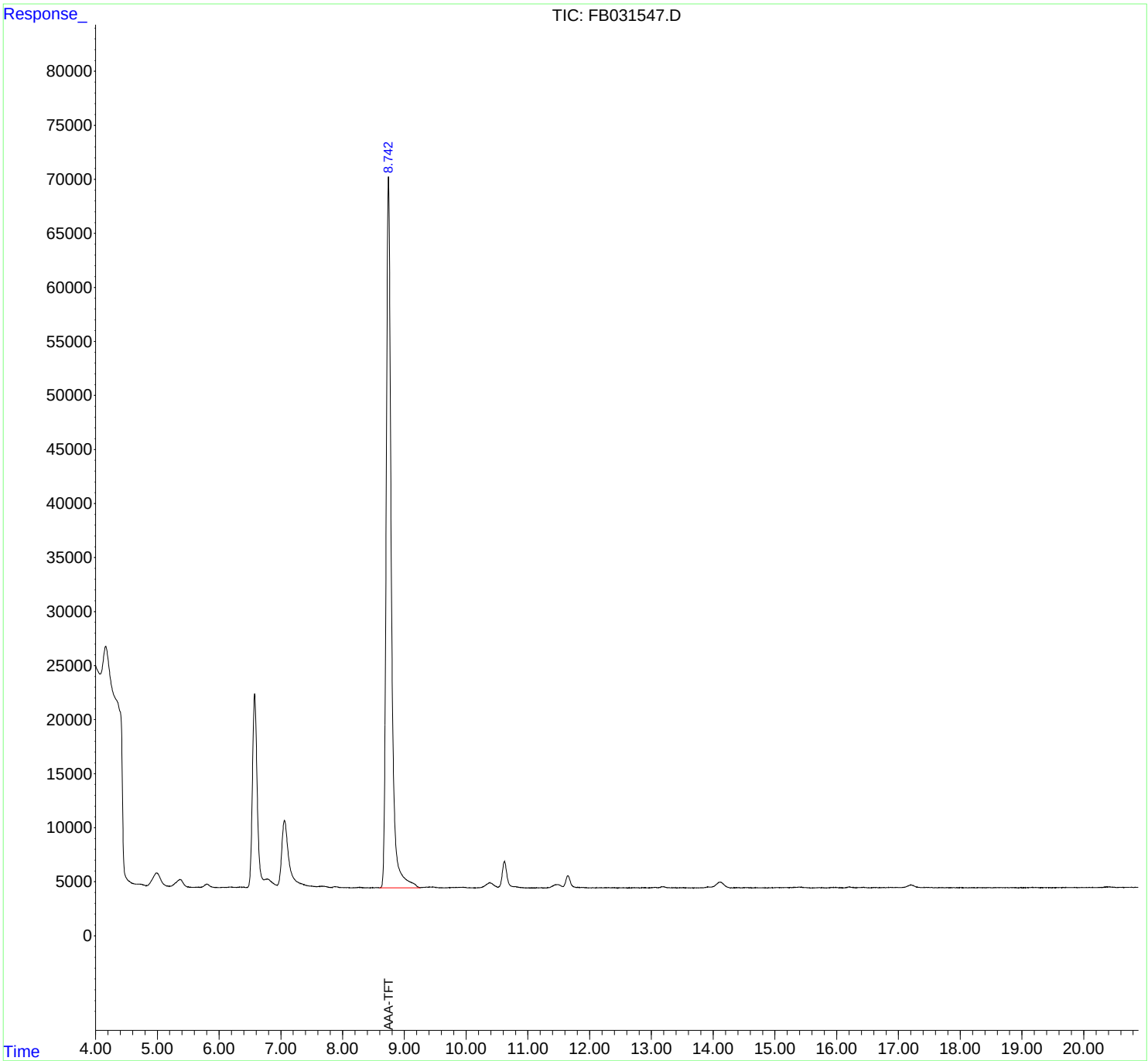
(f)=RT Delta > 1/2 Window (m)=manual int.

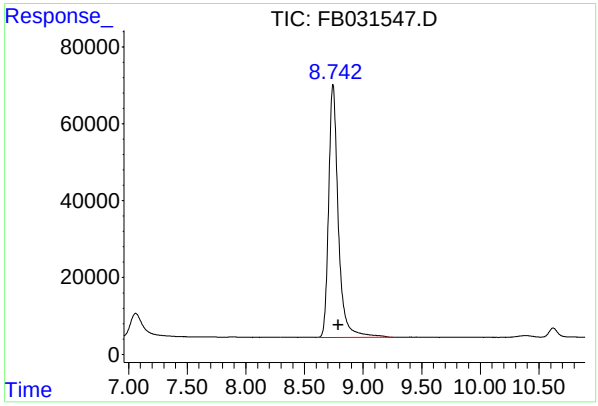
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031547.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:02
Operator : YP/AJ
Sample : Q1478-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:08:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.743 min
Delta R.T.: -0.043 mi
Response: 3776068
Conc: 160.62 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031547.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:02
Sample : Q1478-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.671	4.621	4.679	BV	23	289	0.01%	0.006%
2	4.693	4.679	4.824	VV	45	3260	0.09%	0.067%
3	5.190	5.179	5.208	VV	39	546	0.01%	0.011%
4	5.535	5.528	5.609	PV	9	219	0.01%	0.004%
5	5.663	5.609	5.692	PV	36	731	0.02%	0.015%
6	5.807	5.692	5.943	VV	311	18963	0.50%	0.389%
7	5.950	5.943	5.985	VV	28	214	0.01%	0.004%
8	5.994	5.985	6.016	PV	14	140	0.00%	0.003%
9	6.070	6.016	6.095	VV	34	1026	0.03%	0.021%
10	6.108	6.095	6.118	VV	32	338	0.01%	0.007%
11	6.176	6.118	6.188	VV	56	1717	0.05%	0.035%
12	6.203	6.188	6.283	VV	66	2084	0.06%	0.043%
13	6.308	6.283	6.321	VV	49	822	0.02%	0.017%
14	6.333	6.321	6.344	VV	66	704	0.02%	0.014%
15	6.351	6.344	6.366	VV	55	635	0.02%	0.013%
16	6.372	6.366	6.385	VV	52	526	0.01%	0.011%
17	6.396	6.385	6.431	VV	54	1001	0.03%	0.021%
18	6.773	6.728	6.940	VV	811	72763	1.92%	1.493%
19	7.060	6.940	7.485	VV	6249	526513	13.93%	10.803%
20	7.676	7.573	7.817	VV	160	15741	0.42%	0.323%
21	7.876	7.817	8.059	VV	124	7699	0.20%	0.158%
22	8.085	8.059	8.121	VV	30	630	0.02%	0.013%
23	8.258	8.121	8.280	VV	63	2095	0.06%	0.043%
24	8.302	8.280	8.362	VV	44	1217	0.03%	0.025%
25	8.403	8.362	8.445	VV	25	652	0.02%	0.013%
26	8.473	8.445	8.515	PV	19	725	0.02%	0.015%

rteres

27	8.538	8.515	8.556	VV	24	517	0.01%	0.011%
28	8.569	8.556	8.598	VV	29	586	0.02%	0.012%
29	8.743	8.598	9.255	VV	65848	3780101	100.00%	77.560%
30	9.367	9.255	9.389	VV	81	4382	0.12%	0.090%
31	9.412	9.389	9.564	VV	92	6647	0.18%	0.136%
32	9.575	9.564	9.593	VV	31	349	0.01%	0.007%
33	9.613	9.593	9.627	VV	26	381	0.01%	0.008%
34	9.641	9.627	9.654	VV	23	267	0.01%	0.005%
35	9.675	9.654	9.697	VV	19	456	0.01%	0.009%
36	9.714	9.697	9.738	VV	34	618	0.02%	0.013%
37	9.776	9.738	9.814	VV	57	1778	0.05%	0.036%
38	9.953	9.814	10.029	VV	75	6310	0.17%	0.129%
39	10.052	10.029	10.079	VV	22	569	0.02%	0.012%
40	10.087	10.079	10.129	VV	22	462	0.01%	0.009%
41	10.137	10.129	10.154	VV	32	248	0.01%	0.005%
42	10.385	10.154	10.516	VV	489	44757	1.18%	0.918%
43	10.621	10.516	10.779	VV	2455	132074	3.49%	2.710%
44	10.798	10.779	10.962	VV	137	6903	0.18%	0.142%
45	10.977	10.962	11.061	VV	19	680	0.02%	0.014%
46	11.072	11.061	11.131	VV	22	432	0.01%	0.009%
47	11.146	11.131	11.209	VV	29	989	0.03%	0.020%
48	11.220	11.209	11.252	VV	32	502	0.01%	0.010%
49	11.265	11.252	11.296	VV	25	387	0.01%	0.008%
50	11.490	11.296	11.570	PV	312	29707	0.79%	0.610%
51	11.650	11.570	11.845	VV	1142	63371	1.68%	1.300%
52	11.867	11.845	11.930	VV	62	2300	0.06%	0.047%
53	11.945	11.930	12.001	VV	27	955	0.03%	0.020%
54	12.050	12.001	12.094	VV	45	1190	0.03%	0.024%
55	12.107	12.094	12.150	VV	30	742	0.02%	0.015%
56	12.160	12.150	12.200	VV	34	794	0.02%	0.016%
57	12.267	12.200	12.306	VV	32	1682	0.04%	0.035%
58	12.315	12.306	12.336	VV	40	515	0.01%	0.011%
59	12.380	12.336	12.457	VV	37	1578	0.04%	0.032%
60	12.483	12.457	12.520	VV	32	786	0.02%	0.016%
61	12.540	12.520	12.570	VV	33	742	0.02%	0.015%
62	12.583	12.570	12.609	VV	26	436	0.01%	0.009%
63	12.618	12.609	12.628	VV	14	156	0.00%	0.003%
64	12.730	12.628	12.748	VV	40	1567	0.04%	0.032%
65	12.763	12.748	12.779	VV	37	510	0.01%	0.010%
66	12.792	12.779	12.810	VV	35	378	0.01%	0.008%
67	12.854	12.810	12.869	PV	33	909	0.02%	0.019%
68	12.885	12.869	12.957	VV	33	1297	0.03%	0.027%
69	12.971	12.957	12.987	VV	29	435	0.01%	0.009%
70	13.058	12.987	13.120	VV	63	3239	0.09%	0.066%

71	13.195	13.120	13.274	VV	131	7206	0.19%	0.148%
72	13.287	13.274	13.315	VV	40	645	0.02%	0.013%
73	13.338	13.315	13.420	VV	35	1434	0.04%	0.029%
74	13.463	13.420	13.494	VV	39	1092	0.03%	0.022%
75	13.536	13.494	13.608	VV	35	1562	0.04%	0.032%
76	13.618	13.608	13.639	VV	23	289	0.01%	0.006%
77	13.659	13.639	13.691	VV	24	625	0.02%	0.013%
78	13.705	13.691	13.731	VV	22	392	0.01%	0.008%
79	13.744	13.731	13.789	VV	21	753	0.02%	0.015%
80	13.802	13.789	13.841	VV	34	756	0.02%	0.016%
81	13.920	13.841	13.965	VV	108	5364	0.14%	0.110%
82	14.117	13.965	14.282	VV	550	50851	1.35%	1.043%
83	14.294	14.282	14.319	VV	37	480	0.01%	0.010%
84	14.417	14.319	14.443	VV	50	2040	0.05%	0.042%
85	14.551	14.443	14.644	VV	42	3187	0.08%	0.065%
86	14.679	14.644	14.699	VV	29	721	0.02%	0.015%
87	14.712	14.699	14.752	VV	32	709	0.02%	0.015%
88	14.809	14.752	14.833	VV	34	981	0.03%	0.020%
89	14.896	14.833	14.935	PV	31	1250	0.03%	0.026%
90	14.954	14.935	14.974	VV	33	633	0.02%	0.013%
91	15.051	14.974	15.111	VV	50	2964	0.08%	0.061%
92	15.149	15.111	15.236	VV	44	2687	0.07%	0.055%
93	15.249	15.236	15.273	VV	54	831	0.02%	0.017%
94	15.321	15.273	15.334	VV	75	1852	0.05%	0.038%
95	15.398	15.334	15.487	VV	87	6025	0.16%	0.124%
96	15.503	15.487	15.635	VV	38	1862	0.05%	0.038%
97	15.684	15.635	15.697	VV	41	745	0.02%	0.015%
98	15.714	15.697	15.743	VV	35	834	0.02%	0.017%
99	15.764	15.743	15.833	VV	32	932	0.02%	0.019%
100	15.919	15.833	15.935	PV	43	1458	0.04%	0.030%
101	15.974	15.935	16.033	VV	47	2194	0.06%	0.045%
102	16.055	16.033	16.104	VV	26	544	0.01%	0.011%
103	16.201	16.104	16.320	PV	92	4921	0.13%	0.101%

Sum of corrected areas: 4873753

FB021125.M Fri Mar 07 01:27:27 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-AQ-DRUM-612-022825RE	SDG No.:	Q1478
Lab Sample ID:	Q1478-08RE	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031552.D	1	03/04/25 17:03	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	48.0		6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	80.3	*	50 - 150	401%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031552.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:03
Operator : YP/AJ
Sample : Q1478-08RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:09:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.744	1887209	80.275 ng/ml
Target Compounds			

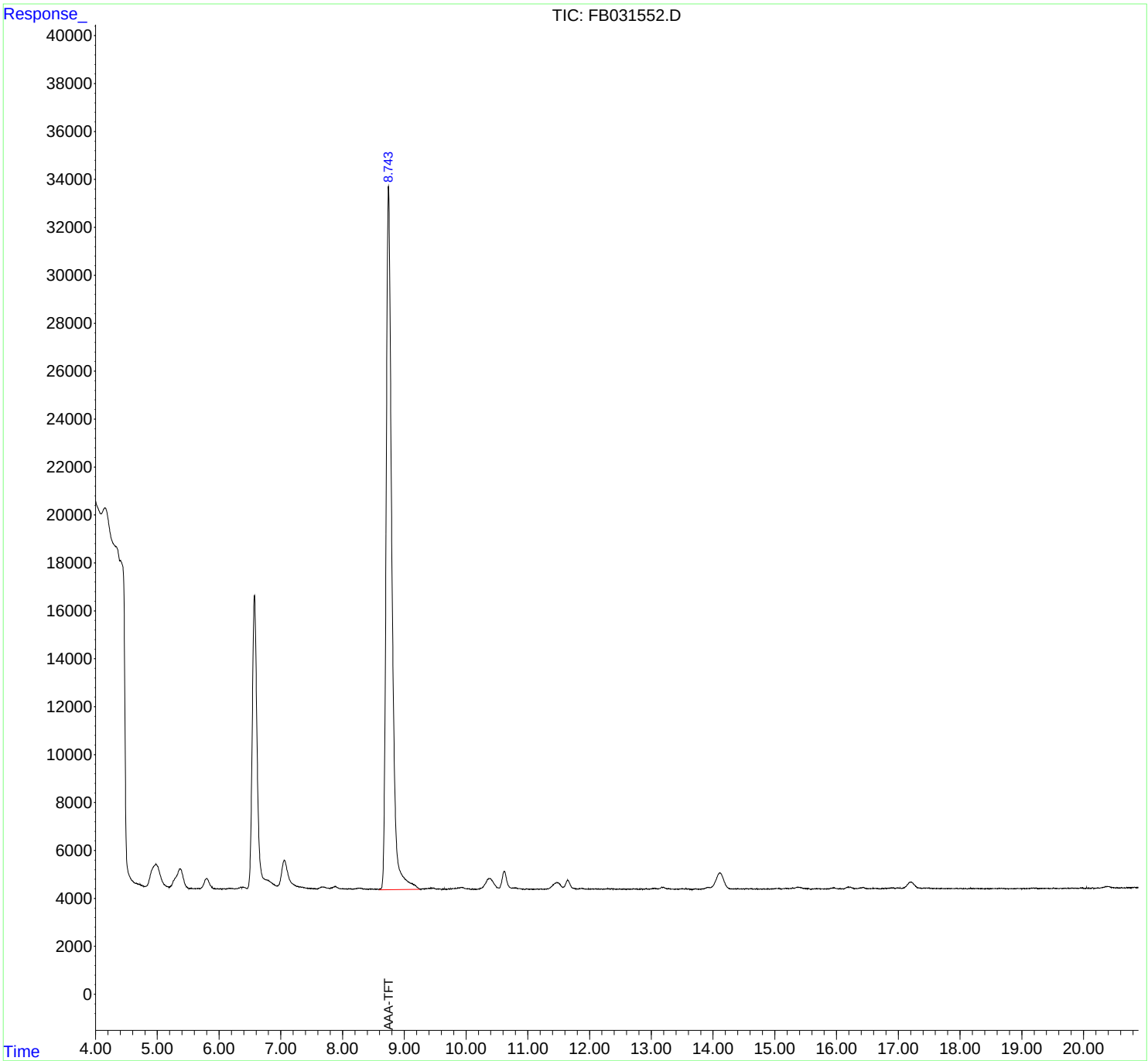
(f)=RT Delta > 1/2 Window (m)=manual int.

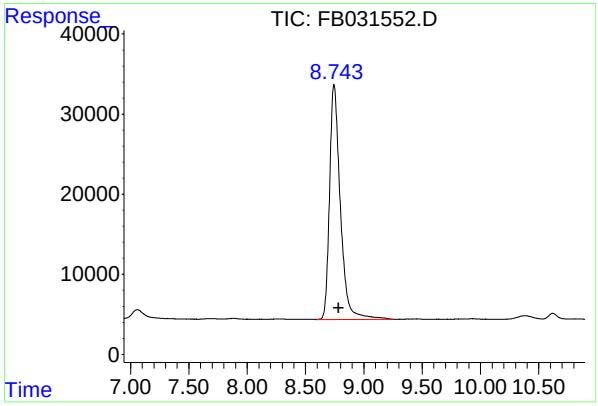
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031552.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:03
Operator : YP/AJ
Sample : Q1478-08RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825RE

Integration File: Calibration.e
Quant Time: Mar 05 02:09:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.744 min
Delta R.T.: -0.042 mi
Response: 1887209
Conc: 80.28 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-612-022825RE

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031552.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 17:03
Sample : Q1478-08RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.659	4.621	4.735	BV	3	361	0.02%	0.010%
2	4.748	4.735	4.763	PV	32	317	0.02%	0.009%
3	4.771	4.763	4.786	VV	30	250	0.01%	0.007%
4	4.979	4.786	5.208	PV	962	99168	5.24%	2.712%
5	5.373	5.208	5.515	VV	819	68428	3.61%	1.872%
6	5.523	5.515	5.541	PV	18	168	0.01%	0.005%
7	5.551	5.541	5.585	VV	23	214	0.01%	0.006%
8	5.597	5.585	5.612	PV	9	81	0.00%	0.002%
9	5.643	5.612	5.648	VV	13	185	0.01%	0.005%
10	5.656	5.648	5.667	VV	23	174	0.01%	0.005%
11	5.678	5.667	5.692	VV	23	258	0.01%	0.007%
12	5.802	5.692	5.917	VV	443	27115	1.43%	0.742%
13	5.926	5.917	5.957	VV	39	629	0.03%	0.017%
14	5.968	5.957	6.015	VV	29	700	0.04%	0.019%
15	6.032	6.015	6.044	VV	34	345	0.02%	0.009%
16	6.082	6.044	6.108	PV	39	928	0.05%	0.025%
17	6.160	6.108	6.169	VV	56	1157	0.06%	0.032%
18	6.176	6.169	6.202	VV	50	888	0.05%	0.024%
19	6.209	6.202	6.257	VV	50	1088	0.06%	0.030%
20	6.275	6.257	6.291	VV	37	591	0.03%	0.016%
21	6.355	6.291	6.367	VV	102	2928	0.15%	0.080%
22	6.380	6.367	6.460	VV	93	4098	0.22%	0.112%
23	6.574	6.460	6.934	VV	12272	698468	36.88%	19.104%
24	7.059	6.934	7.268	VV	1224	101111	5.34%	2.766%
25	7.276	7.268	7.296	VV	132	2011	0.11%	0.055%
26	7.315	7.296	7.333	VV	115	2394	0.13%	0.065%

27	7.352	7.333	7.419	VV	99	4223	0.22%	0.116%
28	7.425	7.419	7.454	VV	62	1147	0.06%	0.031%
29	7.463	7.454	7.482	VV	65	802	0.04%	0.022%
30	7.494	7.482	7.516	VV	51	933	0.05%	0.026%
31	7.523	7.516	7.530	VV	47	343	0.02%	0.009%
32	7.535	7.530	7.572	VV	42	871	0.05%	0.024%
33	7.661	7.572	7.674	VV	109	3940	0.21%	0.108%
34	7.687	7.674	7.754	VV	113	4371	0.23%	0.120%
35	7.763	7.754	7.801	VV	68	1572	0.08%	0.043%
36	7.883	7.801	7.991	VV	134	8971	0.47%	0.245%
37	8.000	7.991	8.040	VV	43	974	0.05%	0.027%
38	8.053	8.040	8.078	VV	35	623	0.03%	0.017%
39	8.084	8.078	8.093	VV	27	224	0.01%	0.006%
40	8.105	8.093	8.116	VV	42	427	0.02%	0.012%
41	8.125	8.116	8.176	VV	40	1008	0.05%	0.028%
42	8.203	8.176	8.217	VV	43	772	0.04%	0.021%
43	8.255	8.217	8.263	VV	65	1373	0.07%	0.038%
44	8.284	8.263	8.293	VV	69	1099	0.06%	0.030%
45	8.300	8.293	8.334	VV	65	1187	0.06%	0.032%
46	8.343	8.334	8.376	VV	35	696	0.04%	0.019%
47	8.442	8.376	8.462	VV	38	1188	0.06%	0.032%
48	8.480	8.462	8.504	VV	36	637	0.03%	0.017%
49	8.521	8.504	8.548	VV	33	649	0.03%	0.018%
50	8.553	8.548	8.590	VV	29	565	0.03%	0.015%
51	8.744	8.590	9.250	PV	29352	1894018	100.00%	51.804%
52	9.257	9.250	9.265	VV	46	371	0.02%	0.010%
53	9.304	9.265	9.314	VV	62	1347	0.07%	0.037%
54	9.370	9.314	9.382	VV	67	2233	0.12%	0.061%
55	9.395	9.382	9.414	VV	85	1354	0.07%	0.037%
56	9.453	9.414	9.469	VV	98	2661	0.14%	0.073%
57	9.479	9.469	9.501	VV	92	1454	0.08%	0.040%
58	9.508	9.501	9.523	VV	59	689	0.04%	0.019%
59	9.531	9.523	9.536	VV	49	355	0.02%	0.010%
60	9.546	9.536	9.557	VV	51	584	0.03%	0.016%
61	9.574	9.557	9.611	VV	56	1390	0.07%	0.038%
62	9.625	9.611	9.636	VV	63	690	0.04%	0.019%
63	9.646	9.636	9.659	VV	64	597	0.03%	0.016%
64	9.678	9.659	9.691	VV	54	826	0.04%	0.023%
65	9.719	9.691	9.737	VV	64	1331	0.07%	0.036%
66	9.825	9.737	9.834	VV	88	3813	0.20%	0.104%
67	9.918	9.834	9.934	VV	125	5904	0.31%	0.161%
68	9.947	9.934	10.006	VV	127	4073	0.22%	0.111%
69	10.020	10.006	10.030	VV	72	936	0.05%	0.026%
70	10.045	10.030	10.070	VV	70	1502	0.08%	0.041%

71	10.082	10.070	10.087	VV	49	453	0.02%	0.012%
72	10.110	10.087	10.134	VV	64	1459	0.08%	0.040%
73	10.167	10.134	10.177	VV	62	1329	0.07%	0.036%
74	10.207	10.177	10.215	VV	67	1273	0.07%	0.035%
75	10.387	10.215	10.538	VV	510	52770	2.79%	1.443%
76	10.619	10.538	10.742	VV	814	46805	2.47%	1.280%
77	10.769	10.742	10.783	VV	121	2816	0.15%	0.077%
78	10.810	10.783	10.841	VV	126	3846	0.20%	0.105%
79	10.849	10.841	10.862	VV	96	1172	0.06%	0.032%
80	10.870	10.862	10.916	VV	98	2710	0.14%	0.074%
81	10.926	10.916	10.955	VV	87	1569	0.08%	0.043%
82	10.973	10.955	10.980	VV	82	1052	0.06%	0.029%
83	10.987	10.980	11.028	VV	82	2081	0.11%	0.057%
84	11.037	11.028	11.046	VV	77	773	0.04%	0.021%
85	11.054	11.046	11.085	VV	75	1651	0.09%	0.045%
86	11.095	11.085	11.103	VV	81	754	0.04%	0.021%
87	11.114	11.103	11.131	VV	79	1192	0.06%	0.033%
88	11.155	11.131	11.176	VV	89	2121	0.11%	0.058%
89	11.183	11.176	11.200	VV	79	1080	0.06%	0.030%
90	11.218	11.200	11.245	VV	86	2074	0.11%	0.057%
91	11.253	11.245	11.262	VV	78	771	0.04%	0.021%
92	11.318	11.262	11.328	VV	98	3214	0.17%	0.088%
93	11.471	11.328	11.571	VV	367	35423	1.87%	0.969%
94	11.647	11.571	11.766	VV	464	29869	1.58%	0.817%
95	11.774	11.766	11.783	VV	117	1152	0.06%	0.032%
96	11.790	11.783	11.813	VV	105	1790	0.09%	0.049%
97	11.835	11.813	11.842	VV	120	1846	0.10%	0.050%
98	11.855	11.842	11.865	VV	118	1547	0.08%	0.042%
99	11.876	11.865	11.889	VV	132	1717	0.09%	0.047%
100	11.898	11.889	11.928	VV	122	2481	0.13%	0.068%
101	11.944	11.928	11.955	VV	100	1531	0.08%	0.042%
102	11.967	11.955	11.977	VV	97	1177	0.06%	0.032%
103	11.984	11.977	11.989	VV	100	715	0.04%	0.020%
104	12.000	11.989	12.011	VV	108	1265	0.07%	0.035%
105	12.042	12.011	12.067	VV	108	3294	0.17%	0.090%
106	12.095	12.067	12.103	VV	114	2142	0.11%	0.059%
107	12.108	12.103	12.144	VV	107	2374	0.13%	0.065%
108	12.152	12.144	12.173	VV	109	1728	0.09%	0.047%
109	12.184	12.173	12.221	VV	105	2796	0.15%	0.076%
110	12.232	12.221	12.244	VV	106	1377	0.07%	0.038%
111	12.300	12.244	12.311	VV	119	4227	0.22%	0.116%
112	12.321	12.311	12.334	VV	122	1505	0.08%	0.041%
113	12.362	12.334	12.378	VV	125	2940	0.16%	0.080%

114	12.388	12.378	12.428	VV	118	3116	0.16%	0.085%
115	12.445	12.428	12.466	VV	104	2249	0.12%	0.062%
116	12.489	12.466	12.534	VV	124	4151	0.22%	0.114%
117	12.556	12.534	12.565	VV	115	1980	0.10%	0.054%
118	12.581	12.565	12.595	VV	107	1814	0.10%	0.050%
119	12.617	12.595	12.629	VV	115	2115	0.11%	0.058%
120	12.639	12.629	12.653	VV	117	1546	0.08%	0.042%
121	12.667	12.653	12.681	VV	119	1853	0.10%	0.051%
122	12.691	12.681	12.697	VV	109	990	0.05%	0.027%
123	12.707	12.697	12.715	VV	129	1248	0.07%	0.034%
124	12.767	12.715	12.788	VV	131	4951	0.26%	0.135%
125	12.813	12.788	12.827	VV	120	2482	0.13%	0.068%
126	12.843	12.827	12.868	VV	129	2755	0.15%	0.075%
127	12.876	12.868	12.889	VV	117	1400	0.07%	0.038%
128	12.911	12.889	12.953	VV	129	4549	0.24%	0.124%
129	12.963	12.953	12.972	VV	123	1315	0.07%	0.036%
130	12.992	12.972	13.001	VV	127	2129	0.11%	0.058%
131	13.042	13.001	13.051	VV	150	4077	0.22%	0.112%
132	13.060	13.051	13.072	VV	156	1815	0.10%	0.050%
133	13.079	13.072	13.104	VV	143	2618	0.14%	0.072%
134	13.171	13.104	13.184	VV	197	7474	0.39%	0.204%
135	13.199	13.184	13.266	VV	194	7844	0.41%	0.215%
136	13.273	13.266	13.299	VV	143	2678	0.14%	0.073%
137	13.305	13.299	13.316	VV	143	1329	0.07%	0.036%
138	13.335	13.316	13.343	VV	123	1901	0.10%	0.052%
139	13.354	13.343	13.366	VV	126	1701	0.09%	0.047%
140	13.375	13.366	13.394	VV	126	1932	0.10%	0.053%
141	13.403	13.394	13.417	VV	132	1745	0.09%	0.048%
142	13.479	13.417	13.488	VV	140	5298	0.28%	0.145%
143	13.508	13.488	13.546	VV	147	4625	0.24%	0.126%
144	13.554	13.546	13.589	VV	143	3357	0.18%	0.092%
145	13.605	13.589	13.648	VV	136	4530	0.24%	0.124%
146	13.658	13.648	13.676	VV	118	1916	0.10%	0.052%
147	13.694	13.676	13.705	VV	138	2162	0.11%	0.059%
148	13.720	13.705	13.776	VV	149	5661	0.30%	0.155%
149	13.787	13.776	13.801	VV	131	1842	0.10%	0.050%
150	13.816	13.801	13.825	VV	147	2014	0.11%	0.055%
151	13.843	13.825	13.852	VV	159	2331	0.12%	0.064%
152	13.907	13.852	13.922	VV	209	7437	0.39%	0.203%
153	13.939	13.922	13.952	VV	208	3567	0.19%	0.098%
154	14.112	13.952	14.297	VV	821	88729	4.68%	2.427%
155	14.307	14.297	14.329	VV	155	2844	0.15%	0.078%
156	14.340	14.329	14.350	VV	169	1921	0.10%	0.053%

157	14.361	14.350	14.372	VV	156	2036	0.11%	0.056%
158	14.406	14.372	14.437	VV	168	5992	0.32%	0.164%
159	14.457	14.437	14.469	VV	163	2889	0.15%	0.079%
160	14.489	14.469	14.498	VV	159	2624	0.14%	0.072%
161	14.540	14.498	14.554	VV	165	5309	0.28%	0.145%
162	14.560	14.554	14.573	VV	167	1791	0.09%	0.049%
163	14.604	14.573	14.616	VV	173	4149	0.22%	0.113%
164	14.622	14.616	14.632	VV	169	1567	0.08%	0.043%
165	14.637	14.632	14.658	VV	172	2394	0.13%	0.065%
166	14.676	14.658	14.692	VV	157	3101	0.16%	0.085%
167	14.705	14.692	14.733	VV	167	3730	0.20%	0.102%
168	14.738	14.733	14.747	VV	161	1300	0.07%	0.036%
169	14.757	14.747	14.786	VV	156	3553	0.19%	0.097%
170	14.826	14.786	14.839	VV	172	5001	0.26%	0.137%
171	14.849	14.839	14.860	VV	156	1899	0.10%	0.052%
172	14.882	14.860	14.914	VV	166	5075	0.27%	0.139%
173	15.022	14.914	15.035	VV	193	12001	0.63%	0.328%
174	15.062	15.035	15.072	VV	193	4095	0.22%	0.112%
175	15.078	15.072	15.094	VV	197	2385	0.13%	0.065%
176	15.102	15.094	15.113	VV	178	1866	0.10%	0.051%
177	15.145	15.113	15.157	VV	184	4586	0.24%	0.125%
178	15.177	15.157	15.192	VV	193	3862	0.20%	0.106%
179	15.211	15.192	15.228	VV	196	4010	0.21%	0.110%
180	15.239	15.228	15.248	VV	187	2143	0.11%	0.059%
181	15.258	15.248	15.274	VV	192	2975	0.16%	0.081%
182	15.290	15.274	15.310	VV	215	4331	0.23%	0.118%
183	15.362	15.310	15.376	VV	242	8640	0.46%	0.236%
184	15.387	15.376	15.461	VV	242	11415	0.60%	0.312%
185	15.472	15.461	15.505	VV	199	5087	0.27%	0.139%
186	15.516	15.505	15.534	VV	202	3304	0.17%	0.090%
187	15.542	15.534	15.590	VV	197	5881	0.31%	0.161%
188	15.602	15.590	15.628	VV	176	3898	0.21%	0.107%
189	15.652	15.628	15.676	VV	195	5201	0.27%	0.142%
190	15.687	15.676	15.701	VV	192	2852	0.15%	0.078%
191	15.711	15.701	15.721	VV	188	2246	0.12%	0.061%
192	15.727	15.721	15.748	VV	186	2887	0.15%	0.079%
193	15.783	15.748	15.803	VV	186	5938	0.31%	0.162%
194	15.810	15.803	15.824	VV	190	2238	0.12%	0.061%
195	15.833	15.824	15.846	VV	184	2376	0.13%	0.065%
196	15.852	15.846	15.860	VV	194	1513	0.08%	0.041%
197	15.874	15.860	15.885	VV	193	2824	0.15%	0.077%
198	15.912	15.885	15.923	VV	215	4556	0.24%	0.125%
199	15.941	15.923	15.948	VV	223	3295	0.17%	0.090%
200	15.958	15.948	16.026	VV	232	9810	0.52%	0.268%

201	16.037	16.026	16.045	VV	197	2162	0.11%	0.059%
202	16.054	16.045	16.077	VV	205	3670	0.19%	0.100%
203	16.107	16.077	16.117	VV	200	4577	0.24%	0.125%
204	16.187	16.117	16.284	VV	279	23522	1.24%	0.643%
205	16.292	16.284	16.301	VV	209	2003	0.11%	0.055%
206	16.318	16.301	16.330	VV	212	3604	0.19%	0.099%
207	16.362	16.330	16.368	VV	220	4850	0.26%	0.133%
208	16.380	16.368	16.403	VBA	238	4511	0.24%	0.123%

Sum of corrected areas: 3656157

FB021125.M Fri Mar 07 01:27:55 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	02/28/25
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	02/28/25
Client Sample ID:	IDW-SO-DRUM-582-022825	SDG No.:	Q1478
Lab Sample ID:	Q1478-16	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.4 Decanted:
Sample Wt/Vol:	5.08 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031537.D	50	03/03/25 19:02	FB030325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	727	J	456	2660	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.0		50 - 150	90%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031537.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:02
Operator : YP/AJ
Sample : Q1478-16 50X
Misc : 5.08G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-SO-DRUM-582-022825

Integration File: SAMPLE.e
Quant Time: Mar 04 00:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.788	423612	18.019 ng/ml
Target Compounds			

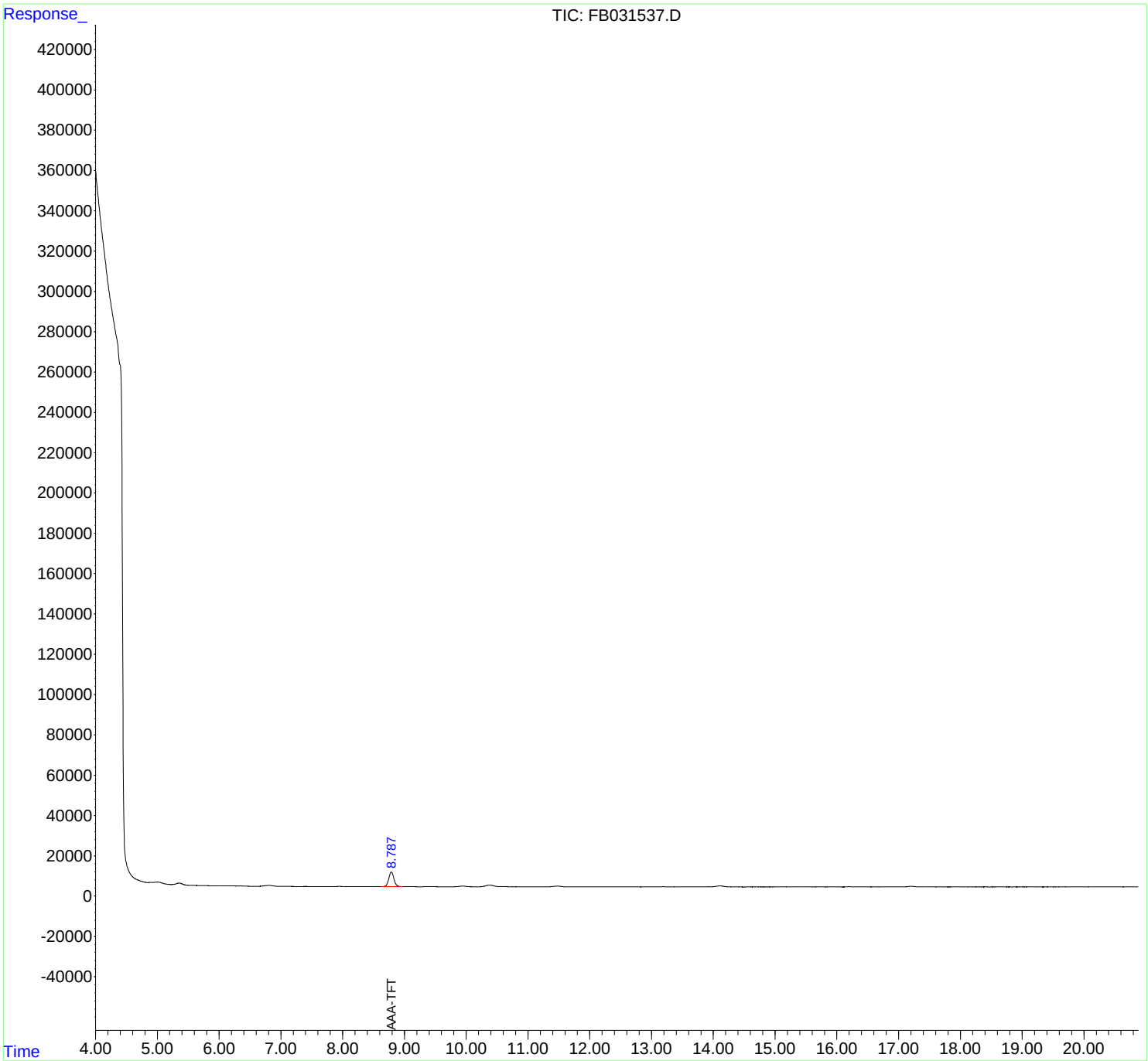
(f)=RT Delta > 1/2 Window (m)=manual int.

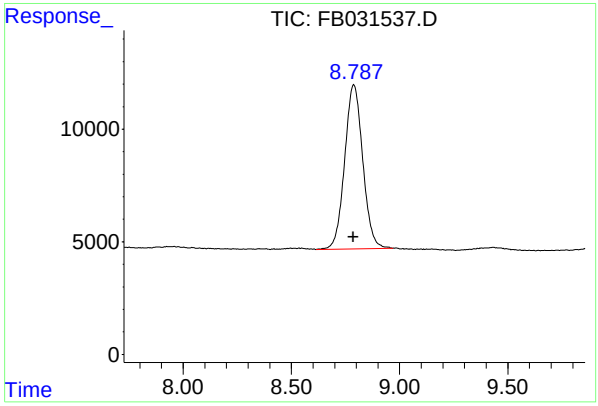
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031537.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:02
Operator : YP/AJ
Sample : Q1478-16 50X
Misc : 5.08G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-SO-DRUM-582-022825

Integration File: SAMPLE.e
Quant Time: Mar 04 00:21:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.788 min
Delta R.T.: 0.002 mi
Response: 423612
Conc: 18.02 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-SO-DRUM-582-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031537.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:02
Sample : Q1478-16 50X
Misc : 5.08G/5.00 ML MEOH
ALS Vial : 15 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.004	4.936	5.222	VV	682	50309	11.60%	5.732%
2	5.539	5.530	5.608	PV	12	-117	-0.03%	-0.013%
3	5.618	5.608	5.720	PV	22	294	0.07%	0.033%
4	5.734	5.720	5.772	VV	35	464	0.11%	0.053%
5	5.783	5.772	5.896	PV	20	442	0.10%	0.050%
6	5.909	5.896	5.932	PV	24	169	0.04%	0.019%
7	5.940	5.932	5.949	PV	11	75	0.02%	0.009%
8	5.958	5.949	5.994	VV	18	251	0.06%	0.029%
9	6.012	5.994	6.028	VV	21	317	0.07%	0.036%
10	6.042	6.028	6.062	VV	32	493	0.11%	0.056%
11	6.081	6.062	6.093	VV	43	576	0.13%	0.066%
12	6.126	6.093	6.136	VV	83	1438	0.33%	0.164%
13	6.190	6.136	6.279	VV	135	7278	1.68%	0.829%
14	6.295	6.279	6.315	VV	73	1274	0.29%	0.145%
15	6.346	6.315	6.388	VV	122	3779	0.87%	0.431%
16	6.396	6.388	6.533	VV	89	3101	0.72%	0.353%
17	6.542	6.533	6.562	VV	18	192	0.04%	0.022%
18	6.583	6.562	6.629	PV	36	630	0.15%	0.072%
19	6.825	6.820	6.972	VV	488	19478	4.49%	2.219%
20	6.980	6.972	6.992	VV	34	267	0.06%	0.030%
21	7.002	6.992	7.020	VV	22	316	0.07%	0.036%
22	7.051	7.020	7.060	VV	39	717	0.17%	0.082%
23	7.066	7.060	7.081	VV	40	475	0.11%	0.054%
24	7.096	7.081	7.112	VV	50	695	0.16%	0.079%
25	7.122	7.112	7.130	VV	33	269	0.06%	0.031%
26	7.141	7.130	7.152	VV	37	354	0.08%	0.040%
27	7.164	7.152	7.221	VV	29	599	0.14%	0.068%
28	7.232	7.221	7.241	VV	14	72	0.02%	0.008%
29	7.266	7.241	7.279	PV	14	109	0.03%	0.012%
30	7.299	7.279	7.308	PV	25	253	0.06%	0.029%
31	7.331	7.308	7.340	VV	27	352	0.08%	0.040%
32	7.351	7.340	7.359	VV	30	226	0.05%	0.026%
33	7.376	7.359	7.388	VV	41	506	0.12%	0.058%
34	7.398	7.388	7.421	VV	45	707	0.16%	0.081%
35	7.423	7.421	7.468	VV	45	707	0.16%	0.081%
36	7.473	7.468	7.492	VV	26	219	0.05%	0.025%

37	7.506	7.492	7.515	VV	22	196	0.05%	0.022%
38	7.529	7.515	7.545	VV	26	339	0.08%	0.039%
39	7.554	7.545	7.562	VV	23	199	0.05%	0.023%
40	7.570	7.562	7.579	VV	31	168	0.04%	0.019%
41	7.587	7.579	7.610	VV	25	320	0.07%	0.036%
42	7.661	7.610	7.692	VV	40	924	0.21%	0.105%
43	7.714	7.692	7.721	VV	43	493	0.11%	0.056%
44	7.729	7.721	7.744	VV	45	542	0.13%	0.062%
45	7.752	7.744	7.785	VV	52	804	0.19%	0.092%
46	7.797	7.785	7.822	VV	27	500	0.12%	0.057%
47	7.890	7.822	7.901	VV	72	2136	0.49%	0.243%
48	7.925	7.901	7.933	VV	96	1511	0.35%	0.172%
49	7.942	7.933	7.952	VV	91	964	0.22%	0.110%
50	7.960	7.952	7.969	VV	107	951	0.22%	0.108%
51	7.977	7.969	7.997	VV	90	1296	0.30%	0.148%
52	8.005	7.997	8.025	VV	72	981	0.23%	0.112%
53	8.044	8.025	8.064	VV	56	1018	0.23%	0.116%
54	8.076	8.064	8.108	VV	37	668	0.15%	0.076%
55	8.119	8.108	8.224	VV	29	1019	0.23%	0.116%
56	8.232	8.224	8.272	VV	22	246	0.06%	0.028%
57	8.279	8.272	8.295	VV	21	114	0.03%	0.013%
58	8.303	8.295	8.334	VV	20	308	0.07%	0.035%
59	8.348	8.334	8.376	VV	29	520	0.12%	0.059%
60	8.384	8.376	8.403	VV	32	257	0.06%	0.029%
61	8.421	8.403	8.429	PV	34	269	0.06%	0.031%
62	8.434	8.429	8.451	VV	21	253	0.06%	0.029%
63	8.497	8.451	8.526	VV	67	2093	0.48%	0.238%
64	8.535	8.526	8.585	VV	74	1838	0.42%	0.209%
65	8.591	8.585	8.628	VV	35	668	0.15%	0.076%
66	8.788	8.628	8.970	VV	7341	433605	100.00%	49.402%
67	8.984	8.970	9.005	VV	94	1705	0.39%	0.194%
68	9.015	9.005	9.049	VV	68	1449	0.33%	0.165%
69	9.055	9.049	9.088	VV	57	1005	0.23%	0.114%
70	9.100	9.088	9.118	VV	61	817	0.19%	0.093%
71	9.125	9.118	9.133	VV	55	408	0.09%	0.047%
72	9.149	9.133	9.185	VV	57	1351	0.31%	0.154%
73	9.201	9.185	9.213	VV	35	372	0.09%	0.042%
74	9.246	9.213	9.261	VV	25	448	0.10%	0.051%
75	9.394	9.261	9.404	VV	115	5096	1.18%	0.581%
76	9.431	9.404	9.548	VV	139	7835	1.81%	0.893%
77	9.557	9.548	9.589	VV	39	500	0.12%	0.057%
78	9.601	9.589	9.613	VV	21	199	0.05%	0.023%
79	9.621	9.613	9.630	VV	17	87	0.02%	0.010%
80	9.641	9.630	9.653	PV	21	151	0.03%	0.017%
81	9.673	9.653	9.694	VV	19	293	0.07%	0.033%
82	9.705	9.694	9.715	VV	23	201	0.05%	0.023%
83	9.730	9.715	9.739	VV	30	347	0.08%	0.039%
84	9.771	9.739	9.784	VV	44	798	0.18%	0.091%
85	9.938	9.784	10.099	VV	370	31409	7.24%	3.579%
86	10.107	10.099	10.152	VV	39	713	0.16%	0.081%
87	10.162	10.152	10.171	VV	34	259	0.06%	0.029%
88	10.375	10.171	10.554	VV	912	88425	20.39%	10.074%
89	10.581	10.554	10.592	VV	132	2625	0.61%	0.299%

90	10.629	10.592	10.670	VV	153	5427	1.25%	0.618%
91	10.678	10.670	10.697	VV	85	1040	0.24%	0.119%
92	10.705	10.697	10.730	VV	57	953	0.22%	0.109%
93	10.754	10.730	10.768	VV	79	1393	0.32%	0.159%
94	10.804	10.768	10.842	VV	85	2952	0.68%	0.336%
95	10.853	10.842	10.901	VV	50	1044	0.24%	0.119%
96	10.961	10.901	10.969	VV	37	1042	0.24%	0.119%
97	10.978	10.969	10.992	VV	51	470	0.11%	0.054%
98	11.021	10.992	11.068	VV	44	1285	0.30%	0.146%
99	11.079	11.068	11.094	VV	17	193	0.04%	0.022%
100	11.105	11.094	11.113	VV	18	152	0.04%	0.017%
101	11.142	11.113	11.162	VV	37	654	0.15%	0.074%
102	11.187	11.162	11.195	VV	34	364	0.08%	0.041%
103	11.214	11.195	11.243	VV	31	466	0.11%	0.053%
104	11.272	11.243	11.311	PV	41	750	0.17%	0.085%
105	11.466	11.311	11.614	VV	401	36261	8.36%	4.131%
106	11.620	11.614	11.627	VV	40	273	0.06%	0.031%
107	11.635	11.627	11.659	VV	37	478	0.11%	0.054%
108	11.671	11.659	11.698	VV	42	536	0.12%	0.061%
109	11.720	11.698	11.733	VV	36	405	0.09%	0.046%
110	11.765	11.733	11.783	VV	32	563	0.13%	0.064%
111	11.799	11.783	11.810	VV	26	294	0.07%	0.034%
112	11.896	11.810	11.955	VV	70	3528	0.81%	0.402%
113	11.963	11.955	11.973	VV	31	213	0.05%	0.024%
114	11.995	11.973	12.003	VV	24	273	0.06%	0.031%
115	12.026	12.003	12.041	VV	26	380	0.09%	0.043%
116	12.044	12.041	12.067	VV	22	264	0.06%	0.030%
117	12.101	12.067	12.111	VV	28	634	0.15%	0.072%
118	12.145	12.111	12.177	VV	32	1027	0.24%	0.117%
119	12.187	12.177	12.202	VV	31	419	0.10%	0.048%
120	12.220	12.202	12.242	VV	37	691	0.16%	0.079%
121	12.253	12.242	12.274	VV	26	453	0.10%	0.052%
122	12.292	12.274	12.306	VV	41	620	0.14%	0.071%
123	12.318	12.306	12.335	VV	40	618	0.14%	0.070%
124	12.344	12.335	12.364	VV	43	559	0.13%	0.064%
125	12.375	12.364	12.384	VV	34	305	0.07%	0.035%
126	12.391	12.384	12.408	VV	29	239	0.06%	0.027%
127	12.443	12.408	12.461	PV	25	487	0.11%	0.055%
128	12.483	12.461	12.510	VV	49	724	0.17%	0.082%
129	12.517	12.510	12.539	VV	30	369	0.09%	0.042%
130	12.565	12.539	12.577	VV	31	481	0.11%	0.055%
131	12.588	12.577	12.599	VV	33	284	0.07%	0.032%
132	12.615	12.599	12.623	VV	37	316	0.07%	0.036%
133	12.632	12.623	12.647	VV	44	429	0.10%	0.049%
134	12.686	12.647	12.711	VV	39	1100	0.25%	0.125%
135	12.737	12.711	12.769	VV	38	716	0.17%	0.082%
136	12.797	12.769	12.812	VV	22	356	0.08%	0.041%
137	12.819	12.812	12.829	VV	28	162	0.04%	0.018%
138	12.866	12.829	12.894	PV	23	582	0.13%	0.066%
139	12.928	12.894	12.943	VV	35	599	0.14%	0.068%
140	12.952	12.943	12.987	VV	29	430	0.10%	0.049%
141	13.004	12.987	13.011	VV	28	309	0.07%	0.035%

rteres

142	13.070	13.011	13.124	VV	66	3058	0.71%	0.348%
143	13.193	13.124	13.284	VV	130	6789	1.57%	0.774%
144	13.297	13.284	13.317	VV	31	491	0.11%	0.056%
145	13.336	13.317	13.371	VV	47	903	0.21%	0.103%
146	13.432	13.371	13.442	PV	24	485	0.11%	0.055%
147	13.464	13.442	13.473	VV	27	230	0.05%	0.026%
148	13.489	13.473	13.511	VV	39	556	0.13%	0.063%
149	13.531	13.511	13.614	VB	23	652	0.15%	0.074%
150	13.640	13.616	13.660	BV	24	266	0.06%	0.030%
151	13.685	13.660	13.695	VV	13	161	0.04%	0.018%
152	13.724	13.695	13.736	PV	20	283	0.07%	0.032%
153	13.744	13.736	13.758	VV	19	151	0.03%	0.017%
154	13.770	13.758	13.789	VV	23	237	0.05%	0.027%
155	13.810	13.789	13.824	VV	20	194	0.04%	0.022%
156	13.852	13.824	13.869	VV	39	622	0.14%	0.071%
157	13.927	13.869	13.979	VV	117	5670	1.31%	0.646%
158	14.093	13.979	14.284	VV	520	46543	10.73%	5.303%
159	14.298	14.284	14.315	VV	41	418	0.10%	0.048%
160	14.327	14.315	14.344	VV	43	514	0.12%	0.059%
161	14.361	14.344	14.376	VV	49	616	0.14%	0.070%
162	14.402	14.376	14.413	VV	47	598	0.14%	0.068%
163	14.436	14.413	14.445	VV	31	321	0.07%	0.037%
164	14.460	14.445	14.483	VV	36	395	0.09%	0.045%
165	14.497	14.483	14.525	VV	25	223	0.05%	0.025%
166	14.584	14.525	14.605	VV	34	711	0.16%	0.081%
167	14.613	14.605	14.635	VV	25	233	0.05%	0.027%
168	14.662	14.635	14.772	VV	26	1121	0.26%	0.128%
169	14.794	14.772	14.809	VV	17	231	0.05%	0.026%
170	14.825	14.809	14.852	VV	15	222	0.05%	0.025%
171	14.869	14.852	14.922	VV	29	549	0.13%	0.062%
172	14.942	14.922	14.976	PV	31	502	0.12%	0.057%
173	15.060	14.976	15.181	VV	78	5019	1.16%	0.572%
174	15.370	15.181	15.570	VV	86	10891	2.51%	1.241%
175	15.584	15.570	15.598	VV	31	299	0.07%	0.034%
176	15.619	15.598	15.667	VV	31	769	0.18%	0.088%
177	15.686	15.667	15.767	VV	45	1410	0.33%	0.161%
178	15.792	15.767	15.822	VV	27	491	0.11%	0.056%
179	15.948	15.822	16.018	PV	52	3370	0.78%	0.384%
180	16.036	16.018	16.085	VV	33	642	0.15%	0.073%
181	16.094	16.085	16.116	VV	7	84	0.02%	0.010%
182	16.201	16.116	16.330	PV	135	6978	1.61%	0.795%
183	16.348	16.330	16.386	PV	19	272	0.06%	0.031%
			Sum of corrected areas:			877713		

FB021125.M Tue Mar 04 01:14:51 2025

CALIBRATION SUMMARY

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

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

Calibration Sequence : FB021125		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1779466	39544	FB031496.D
90	3162722	35141	FB031497.D
180	6789080	37717	FB031498.D
450	16752322	37227	FB031499.D
900	31233614	34704	FB031500.D

AVG RF : 36867 **% RSD : 5.37** **AVG RT : 8.786**

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031496.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 9:32
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: Feb 11 11:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 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	8.783	129950	5.460 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.712	252674	7.552 ng/ml
2) t	2,2,4-Trimethylpentane	7.409	308763	7.791 ng/ml
3) t	n-Heptane	7.743	93540	2.498 ng/ml
4) t	Benzene	7.881	113600	2.422 ng/ml
6) t	Toluene	10.611	333318	7.926 ng/ml
7) t	Ethylbenzene	13.048	98563	2.718 ng/ml
8) t	m-Xylene	13.182	209393	5.321 ng/ml
9) t	O-Xylene	13.909	201640	5.379 ng/ml
10) t	1,2,4-Trimethylbenzene	16.186	167975	5.675 ng/ml

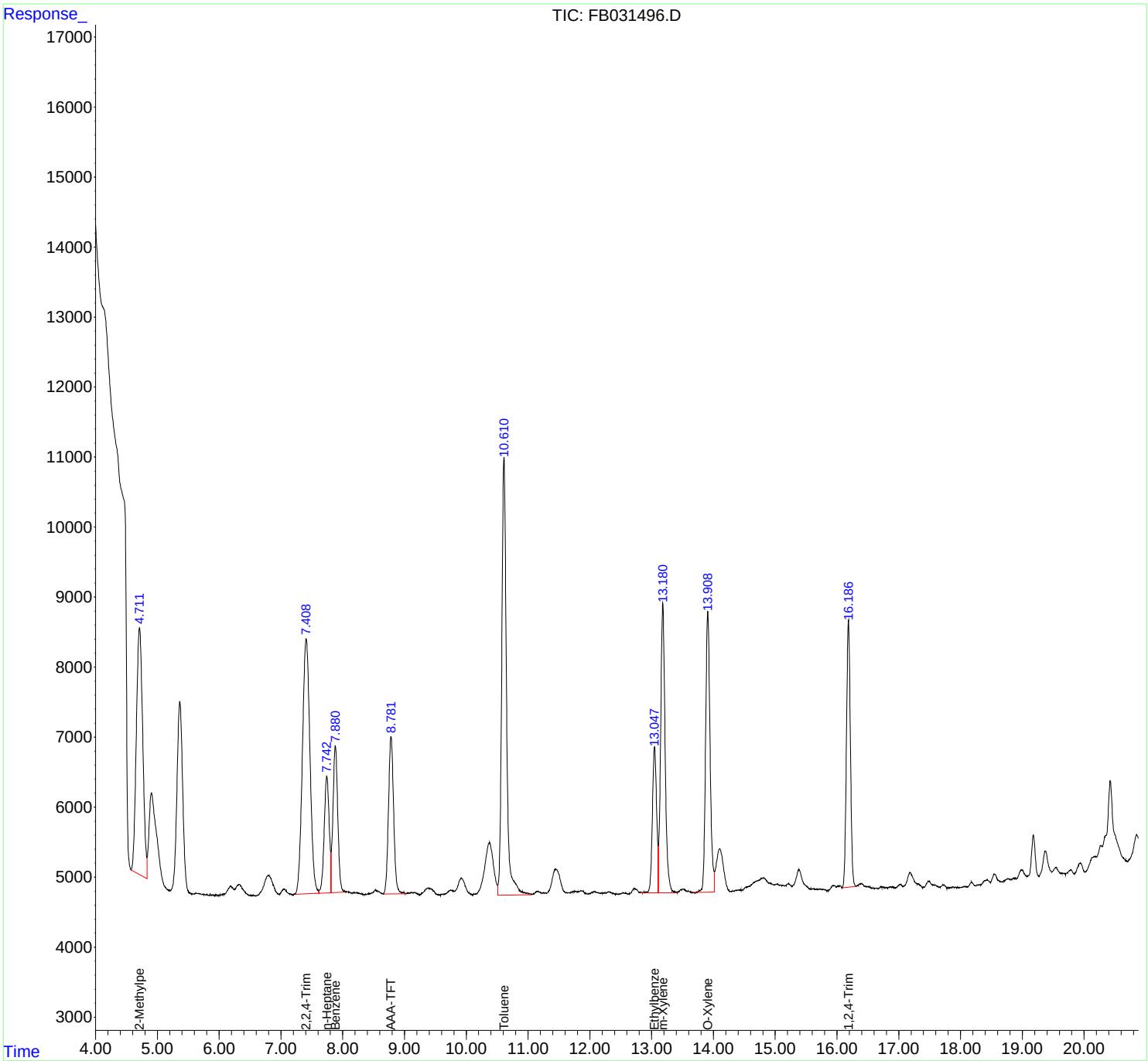
(f)=RT Delta > 1/2 Window (m)=manual int.

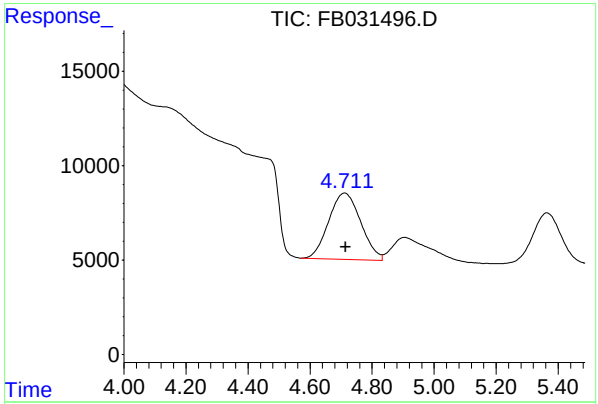
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031496.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 9:32
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

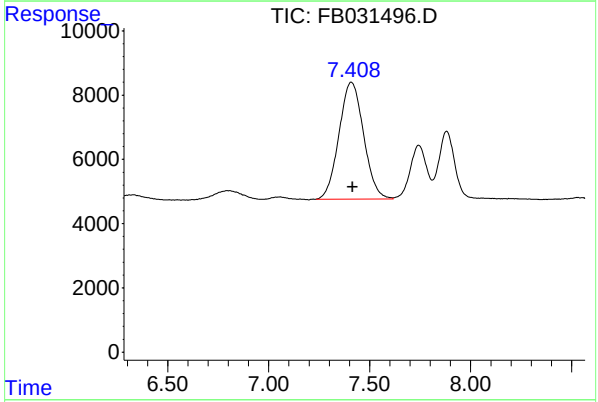




#1 2-Methylpentane

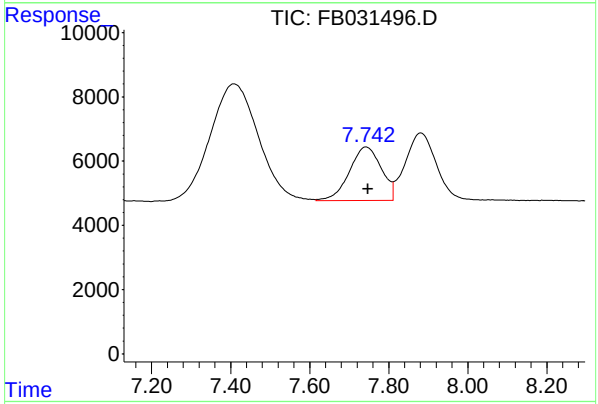
R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 252674
Conc: 7.55 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



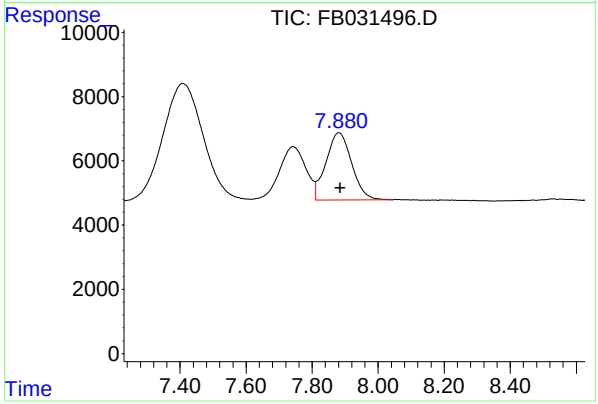
#2 2,2,4-Trimethylpentane

R.T.: 7.409 min
Delta R.T.: -0.007 min
Response: 308763
Conc: 7.79 ng/ml



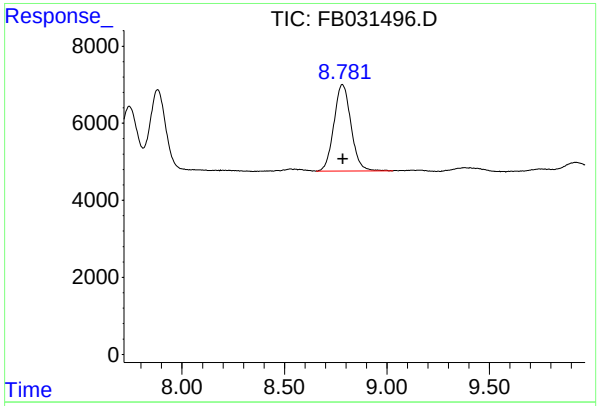
#3 n-Heptane

R.T.: 7.743 min
Delta R.T.: -0.005 min
Response: 93540
Conc: 2.50 ng/ml



#4 Benzene

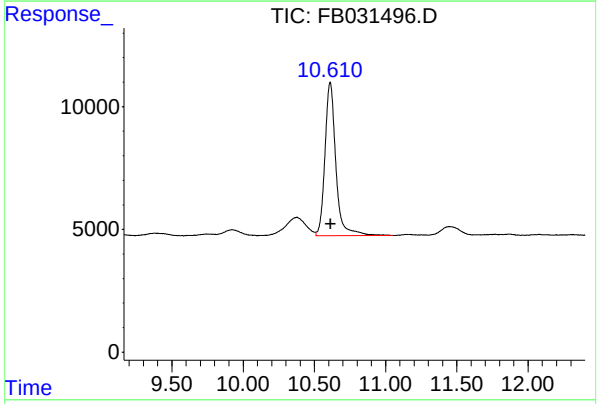
R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 113600
Conc: 2.42 ng/ml



#5 AAA-TFT

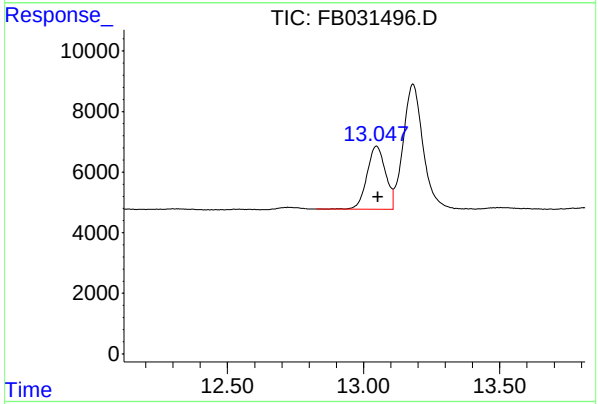
R.T.: 8.783 min
Delta R.T.: -0.004 min
Response: 129950
Conc: 5.46 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



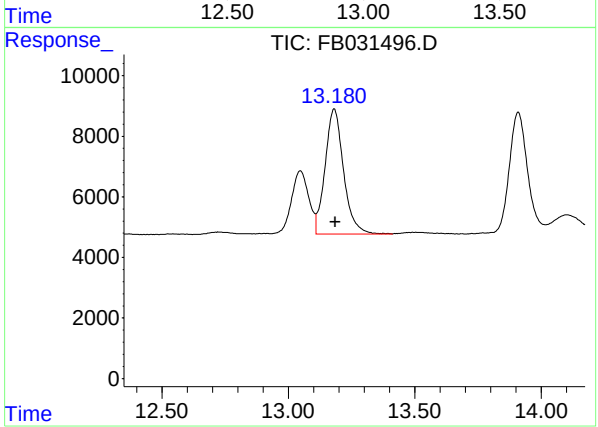
#6 Toluene

R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 333318
Conc: 7.93 ng/ml



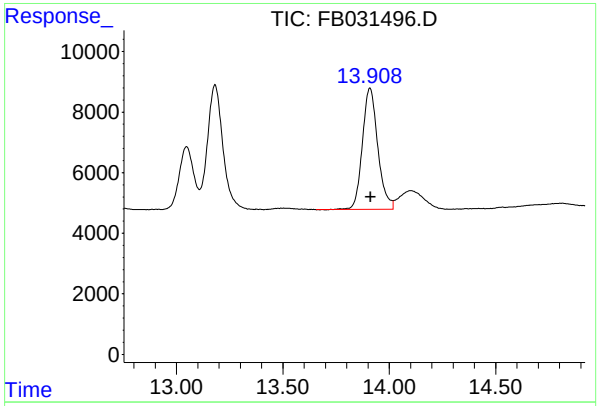
#7 Ethylbenzene

R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 98563
Conc: 2.72 ng/ml



#8 m-Xylene

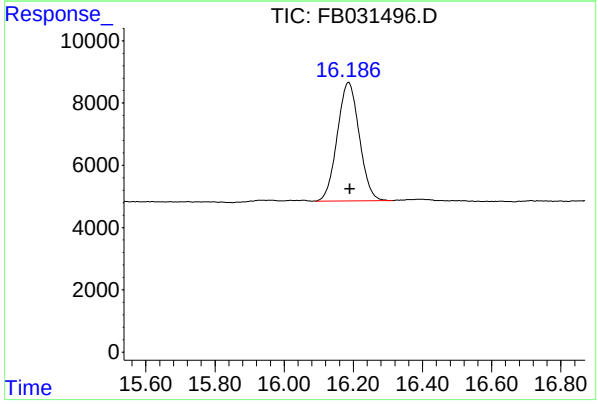
R.T.: 13.182 min
Delta R.T.: -0.004 min
Response: 209393
Conc: 5.32 ng/ml



#9 O-Xylene

R.T.: 13.909 min
Delta R.T.: -0.005 mi
Response: 201640
Conc: 5.38 ng/m

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.186 min
Delta R.T.: -0.004 min
Response: 167975
Conc: 5.68 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031496.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 9:32
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.712	4.571	4.833	BV	3521	252674	75.81%	13.233%
2	7.409	7.234	7.616	BV	3644	308763	92.63%	16.171%
3	7.743	7.616	7.811	VV	1670	93540	28.06%	4.899%
4	7.881	7.811	8.044	VV	2096	113600	34.08%	5.949%
5	8.783	8.654	9.029	BB	2247	129950	38.99%	6.806%
6	10.611	10.510	11.050	VB	6251	333318	100.00%	17.457%
7	13.048	12.826	13.109	BV	2085	98563	29.57%	5.162%
8	13.182	13.109	13.413	VV	4135	209393	62.82%	10.966%
9	13.909	13.655	14.017	BV	4012	201640	60.49%	10.560%
10	16.187	16.091	16.313	BV	3813	167975	50.39%	8.797%

Sum of corrected areas: 1909417

FB021125.M Wed Feb 12 00:44:12 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031497.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 10:03
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: Feb 11 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 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	8.786	253539	10.184	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.713	458534	13.658	ng/ml
2) t	2,2,4-Trimethylpentane	7.413	562060	13.912	ng/ml
3) t	n-Heptane	7.748	170371	4.551	ng/ml
4) t	Benzene	7.886	213632	4.627	ng/ml
6) t	Toluene	10.614	583958	13.502	ng/ml
7) t	Ethylbenzene	13.050	170164	4.497	ng/ml
8) t	m-Xylene	13.184	368954	9.084	ng/ml
9) t	O-Xylene	13.912	352300	9.055	ng/ml
10) t	1,2,4-Trimethylbenzene	16.188	282749	8.949	ng/ml

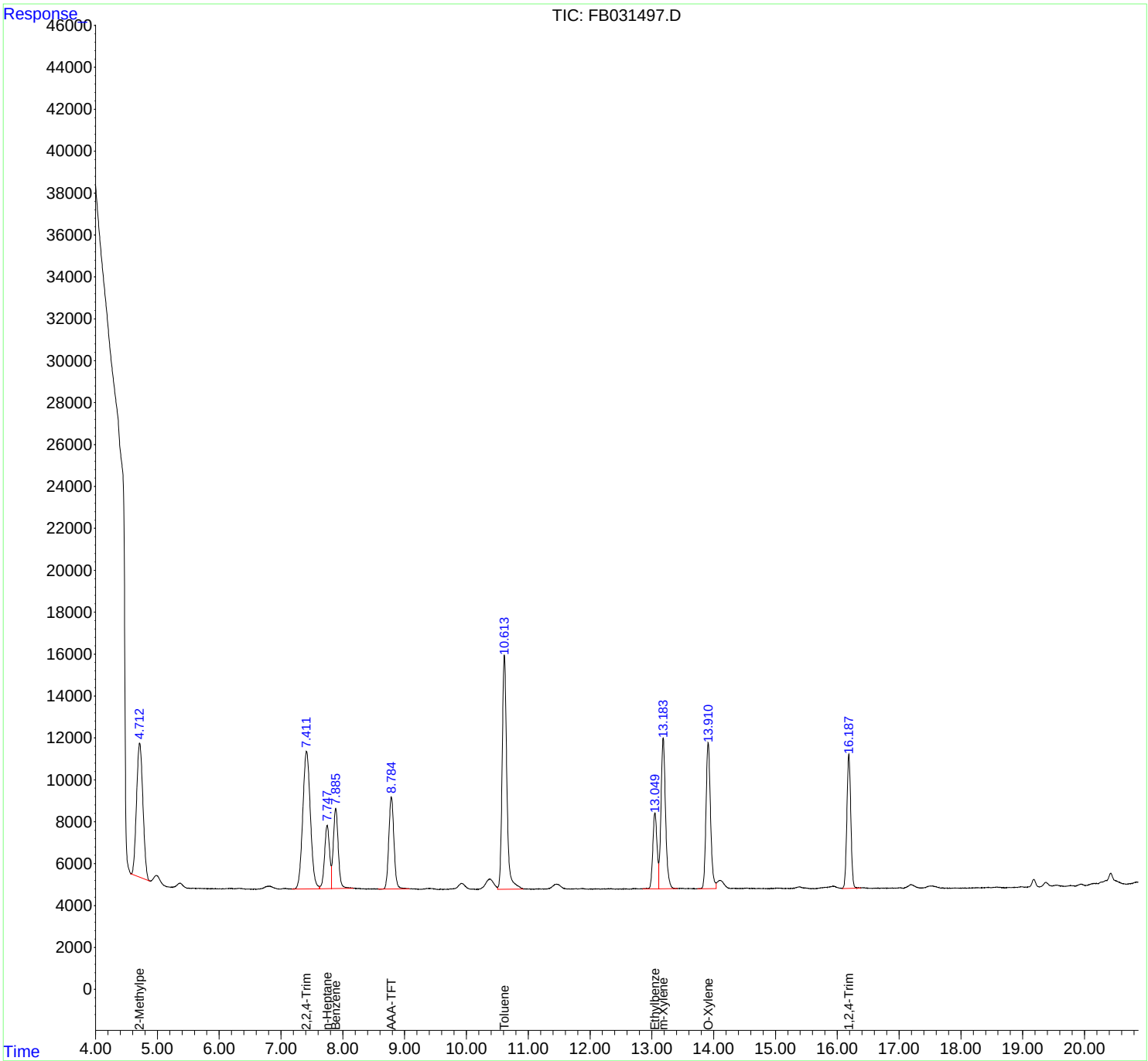
(f)=RT Delta > 1/2 Window (m)=manual int.

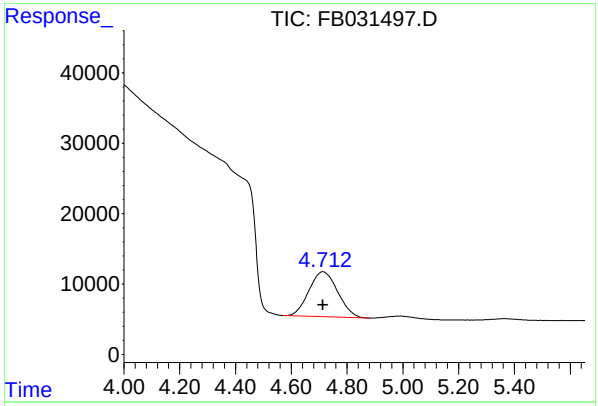
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031497.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 10:03
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

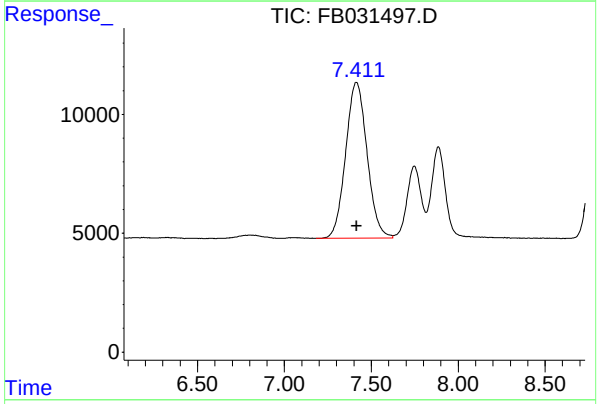




#1 2-Methylpentane

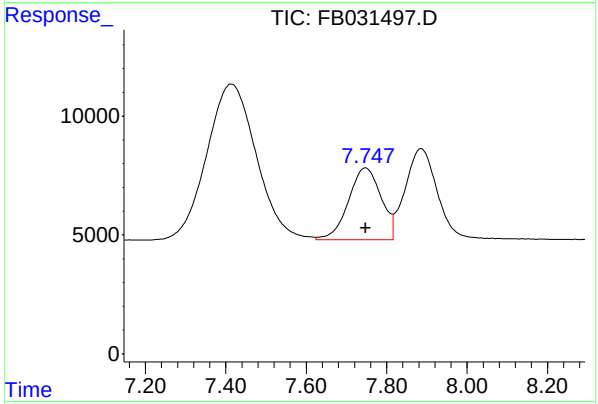
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 458534
Conc: 13.66 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



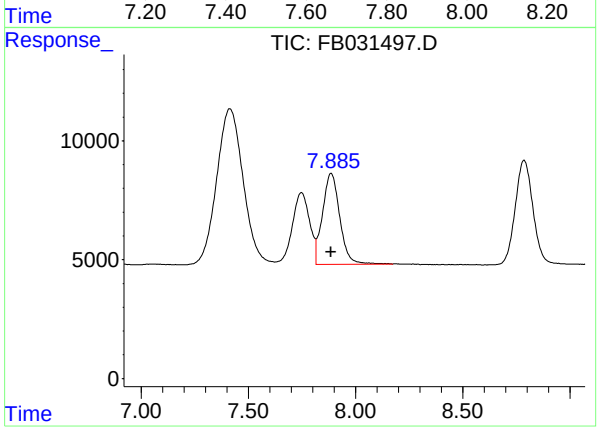
#2 2,2,4-Trimethylpentane

R.T.: 7.413 min
Delta R.T.: -0.003 min
Response: 562060
Conc: 13.91 ng/ml



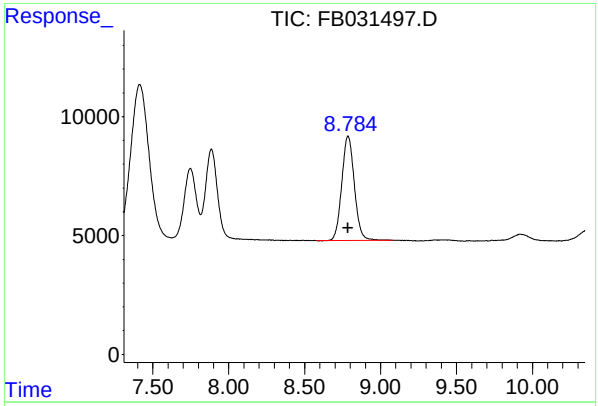
#3 n-Heptane

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 170371
Conc: 4.55 ng/ml



#4 Benzene

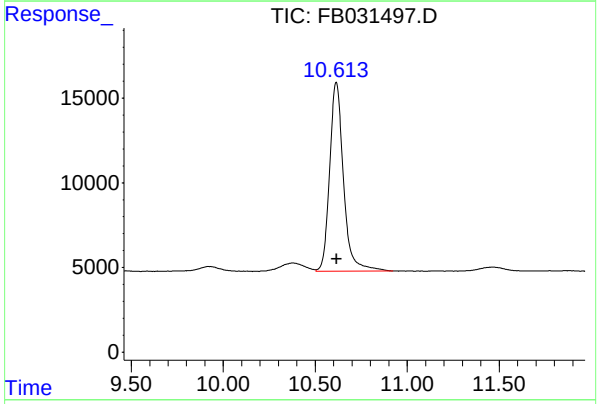
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 213632
Conc: 4.63 ng/ml



#5 AAA-TFT

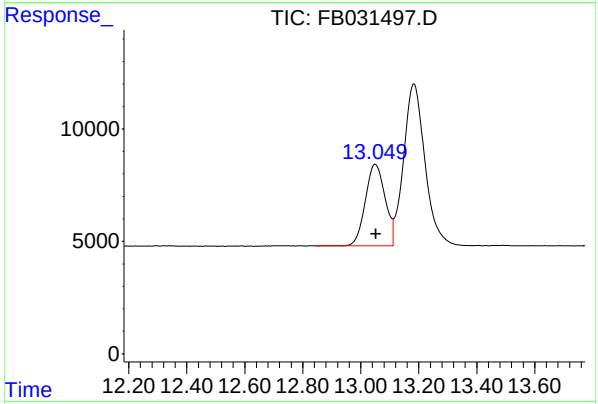
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 253539
Conc: 10.18 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



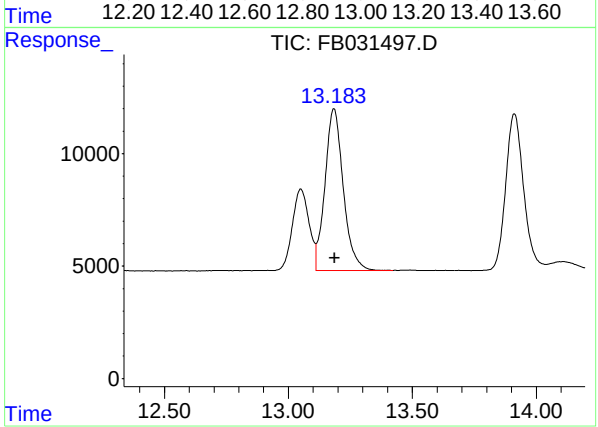
#6 Toluene

R.T.: 10.614 min
Delta R.T.: 0.000 min
Response: 583958
Conc: 13.50 ng/ml



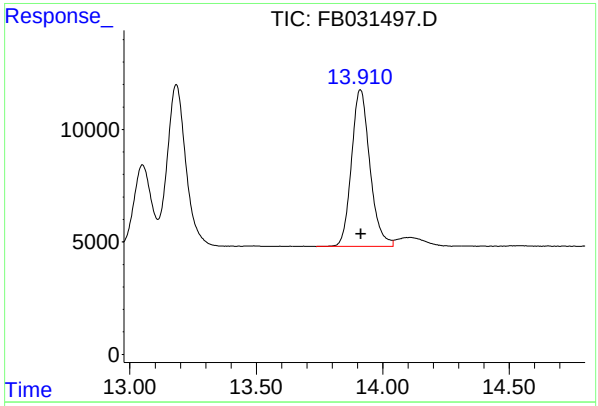
#7 Ethylbenzene

R.T.: 13.050 min
Delta R.T.: -0.002 min
Response: 170164
Conc: 4.50 ng/ml



#8 m-Xylene

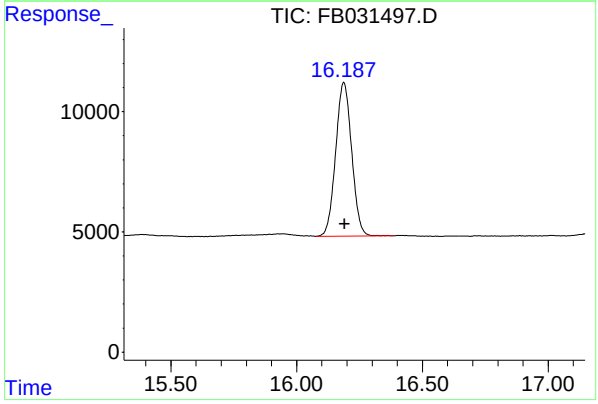
R.T.: 13.184 min
Delta R.T.: -0.002 min
Response: 368954
Conc: 9.08 ng/ml



#9 O-Xylene

R.T.: 13.912 min
Delta R.T.: -0.002 min
Response: 352300
Conc: 9.06 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.188 min
Delta R.T.: -0.003 min
Response: 282749
Conc: 8.95 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031497.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 10:03
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.713	4.571	4.880	BV	6404	458534	78.52%	13.422%
2	7.413	7.181	7.624	BV	6565	562060	96.25%	16.452%
3	7.748	7.624	7.816	VV	3030	170371	29.18%	4.987%
4	7.886	7.816	8.175	VV	3831	213632	36.58%	6.253%
5	8.786	8.576	9.082	BB	4400	253539	43.42%	7.422%
6	10.614	10.504	10.922	VV	11160	583958	100.00%	17.093%
7	13.050	12.845	13.111	BV	3624	170164	29.14%	4.981%
8	13.184	13.111	13.422	VV	7199	368954	63.18%	10.800%
9	13.912	13.736	14.041	BV	6971	352300	60.33%	10.312%
10	16.188	16.077	16.383	PV	6401	282749	48.42%	8.277%

Sum of corrected areas: 3416260

FB021125.M Wed Feb 12 00:44:47 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031498.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 11:32
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: Feb 11 11:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 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	8.786	475986	20.000	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.714	1003699	30.000	ng/ml
2) t	2,2,4-Trimethylpentane	7.416	1188988	30.000	ng/ml
3) t	n-Heptane	7.748	374533	10.000	ng/ml
4) t	Benzene	7.886	468966	10.000	ng/ml
6) t	Toluene	10.615	1261676	30.000	ng/ml
7) t	Ethylbenzene	13.053	362606	10.000	ng/ml
8) t	m-Xylene	13.186	786989	20.000	ng/ml
9) t	O-Xylene	13.914	749677	20.000	ng/ml
10) t	1,2,4-Trimethylbenzene	16.190	591946	20.000	ng/ml

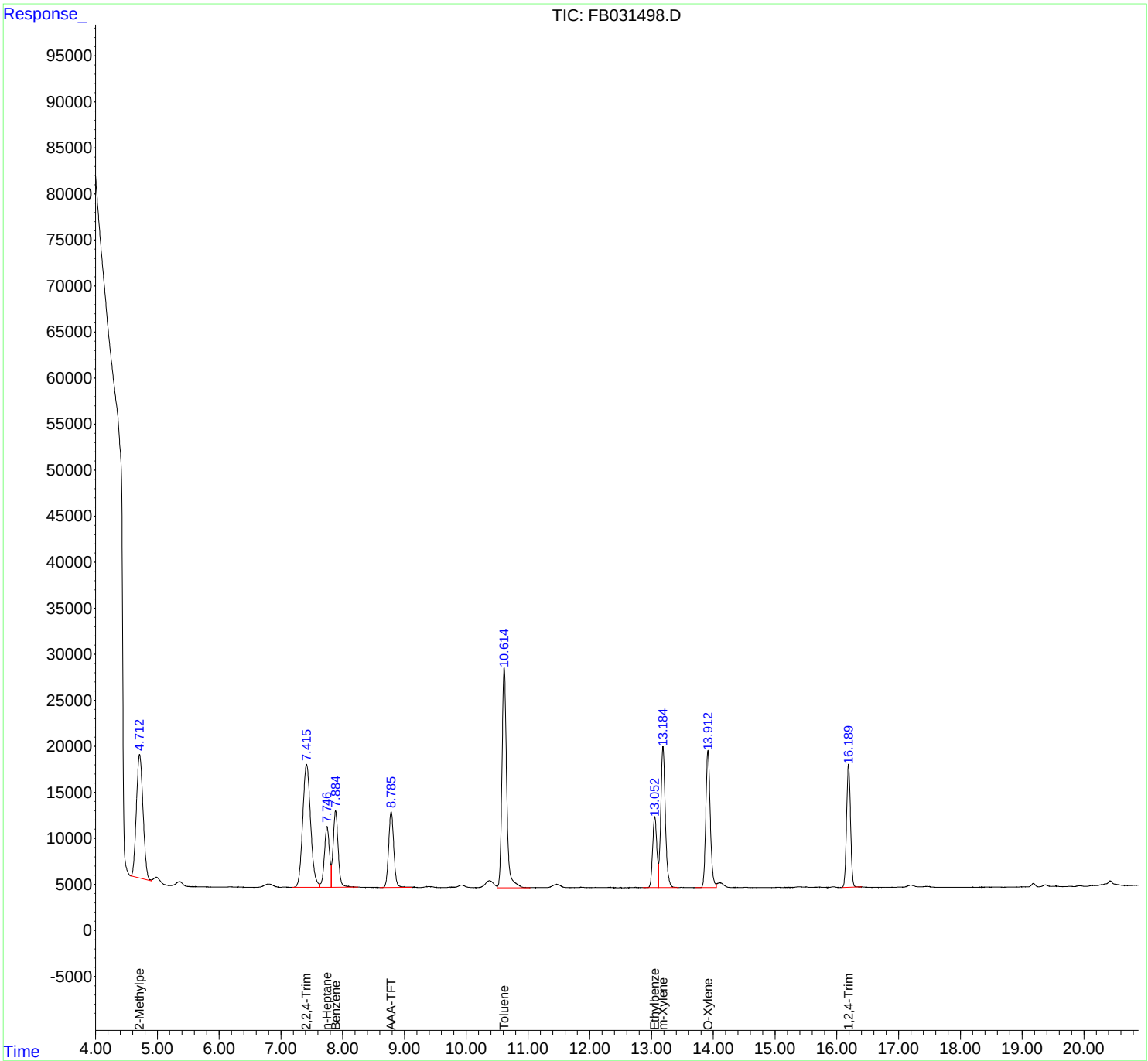
(f)=RT Delta > 1/2 Window (m)=manual int.

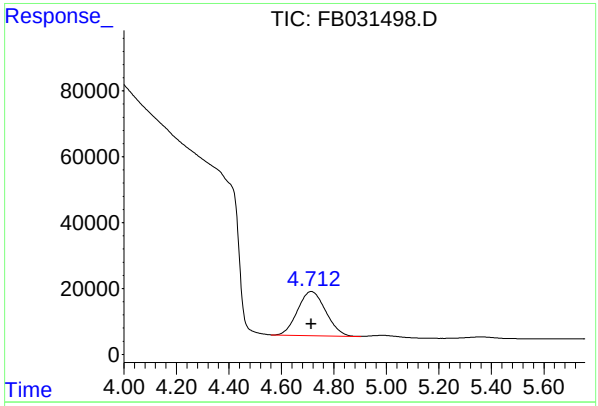
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031498.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 11:32
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

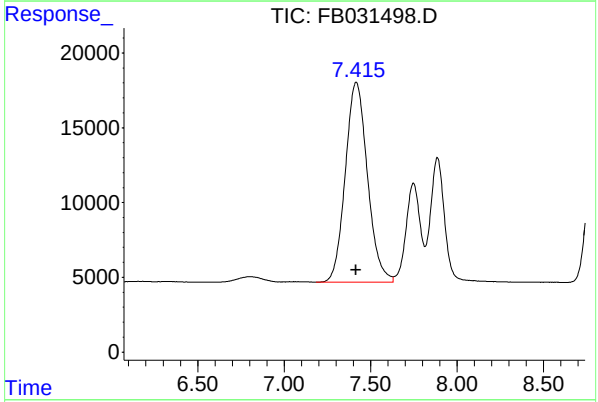




#1 2-Methylpentane

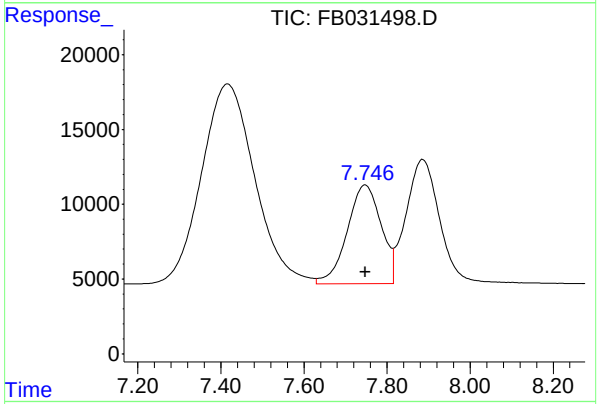
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 1003699
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



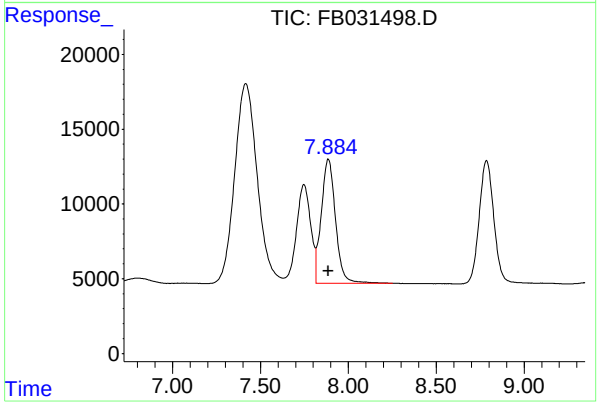
#2 2,2,4-Trimethylpentane

R.T.: 7.416 min
Delta R.T.: 0.000 min
Response: 1188988
Conc: 30.00 ng/ml



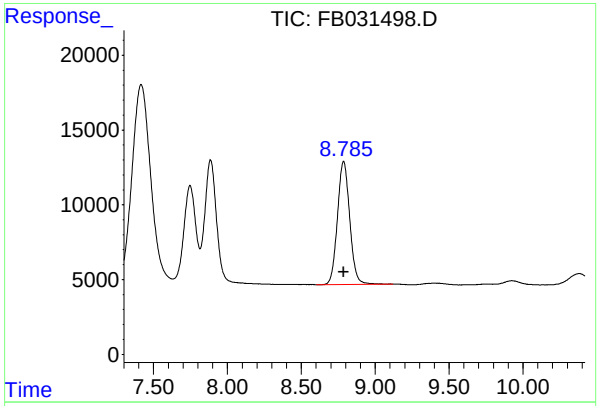
#3 n-Heptane

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 374533
Conc: 10.00 ng/ml



#4 Benzene

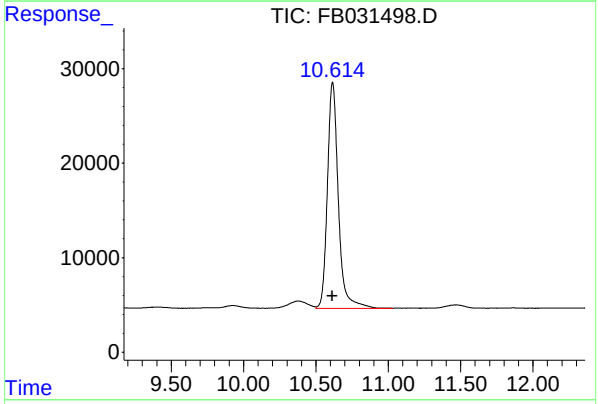
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 468966
Conc: 10.00 ng/ml



#5 AAA-TFT

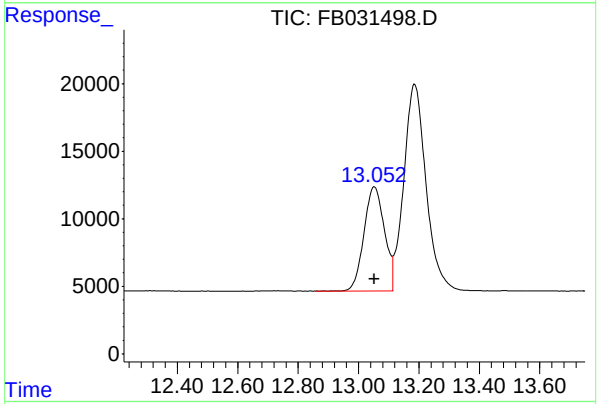
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 475986
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



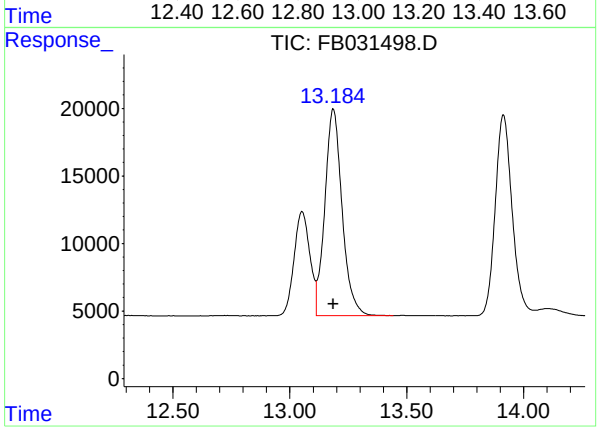
#6 Toluene

R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 1261676
Conc: 30.00 ng/ml



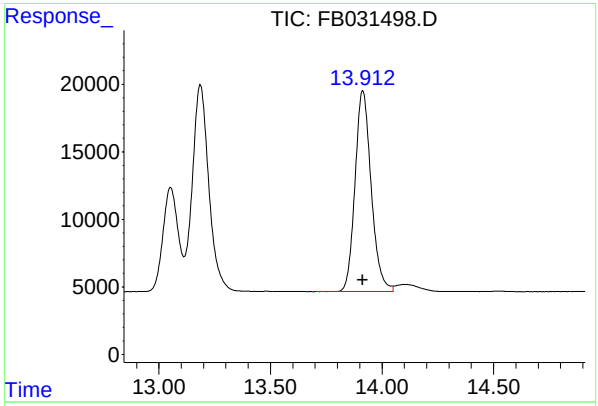
#7 Ethylbenzene

R.T.: 13.053 min
Delta R.T.: 0.000 min
Response: 362606
Conc: 10.00 ng/ml



#8 m-Xylene

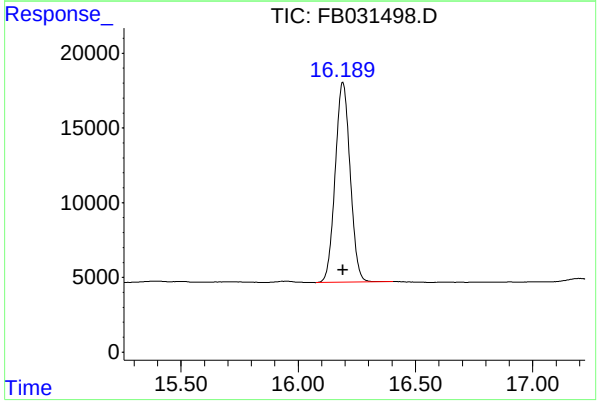
R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 786989
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: 0.000 mi
Response: 749677
Conc: 20.00 ng/m

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 591946
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031498.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 11:32
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.559	4.902	BV	13428	1003699	79.55%	13.815%
2	7.416	7.184	7.629	BV	13369	1188988	94.24%	16.366%
3	7.748	7.629	7.815	VV	6606	374533	29.69%	5.155%
4	7.886	7.815	8.253	VB	8312	468966	37.17%	6.455%
5	8.786	8.601	9.121	BV	8245	475986	37.73%	6.552%
6	10.615	10.501	11.032	VV	23923	1261676	100.00%	17.366%
7	13.053	12.858	13.113	BV	7724	362606	28.74%	4.991%
8	13.186	13.113	13.442	VV	15322	786989	62.38%	10.833%
9	13.914	13.704	14.049	BV	14884	749677	59.42%	10.319%
10	16.190	16.075	16.404	PBA	13383	591946	46.92%	8.148%

Sum of corrected areas: 7265067

FB021125.M Wed Feb 12 00:45:20 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031499.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:03
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e
Quant Time: Feb 11 11:57:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:28:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.787	1046375	41.775	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.713	2396841	73.586	ng/mlm
2) t	2,2,4-Trimethylpentane	7.420	2988084	75.794	ng/ml
3) t	n-Heptane	7.749	801791	22.079	ng/ml
4) t	Benzene	7.888	1109196	24.637	ng/ml
6) t	Toluene	10.616	3076531	73.584	ng/ml
7) t	Ethylbenzene	13.054	930011	25.429	ng/ml
8) t	m-Xylene	13.187	2030191	51.561	ng/ml
9) t	O-Xylene	13.915	1916993	50.875	ng/ml
10) t	1,2,4-Trimethylbenzene	16.192	1502684	49.286	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031499.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:03
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

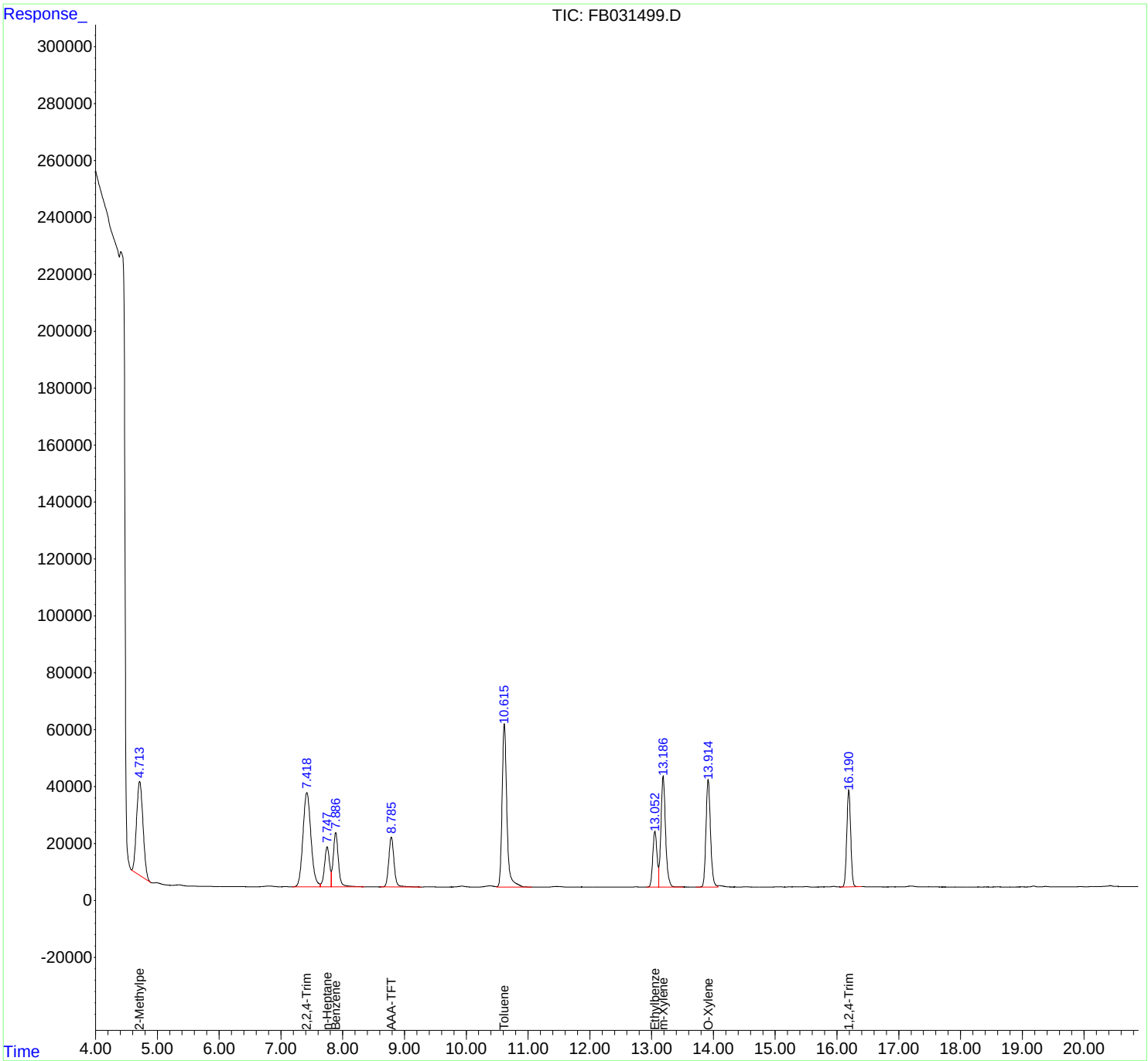
Integration File: Calibration.e
Quant Time: Feb 11 11:57:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:28:50 2025
Response via : Initial Calibration
Integrator: ChemStation

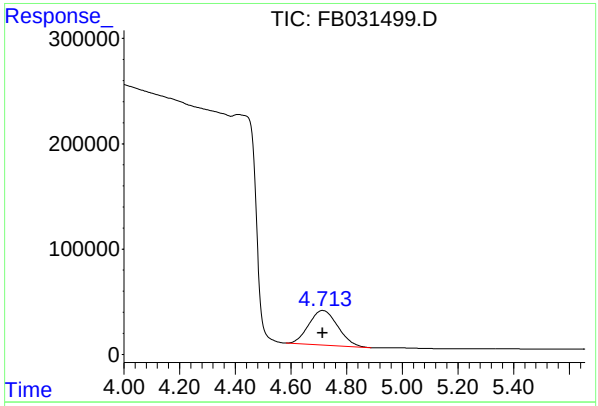
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025





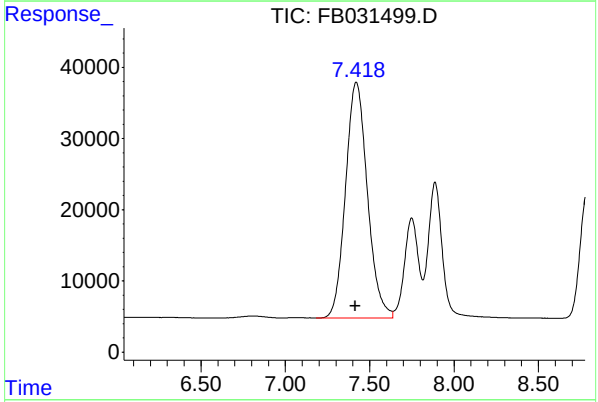
#1 2-Methylpentane

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 2396841
Conc: 73.59 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD

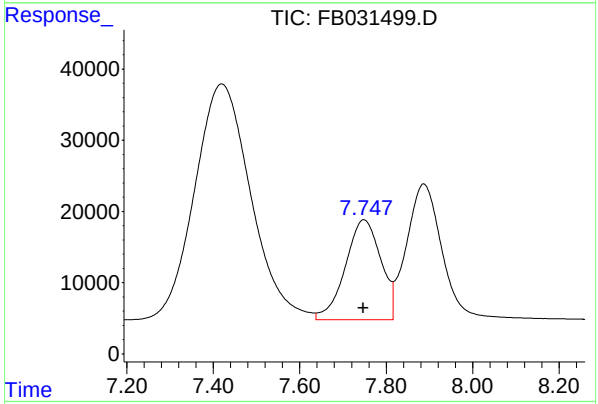
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



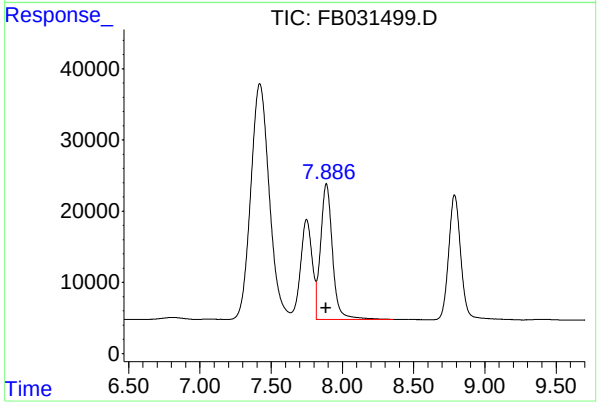
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
Delta R.T.: 0.004 min
Response: 2988084
Conc: 75.79 ng/ml



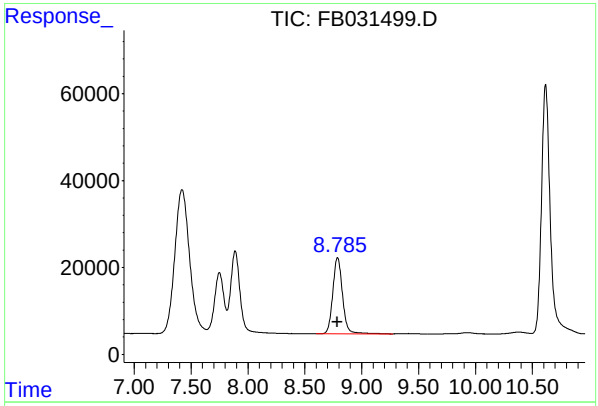
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: 0.001 min
Response: 801791
Conc: 22.08 ng/ml



#4 Benzene

R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 1109196
Conc: 24.64 ng/ml



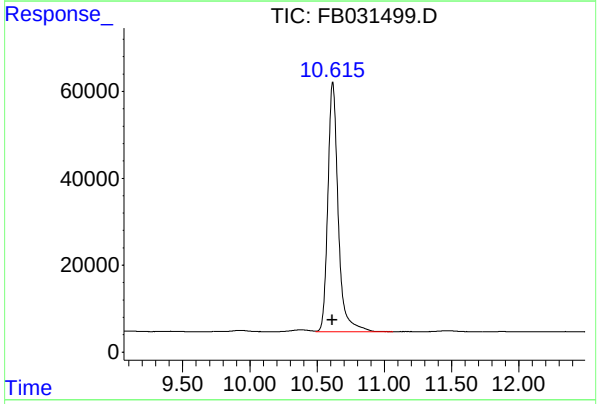
#5 AAA-TFT

R.T.: 8.787 min
Delta R.T.: 0.001 min
Response: 1046375
Conc: 41.78 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD

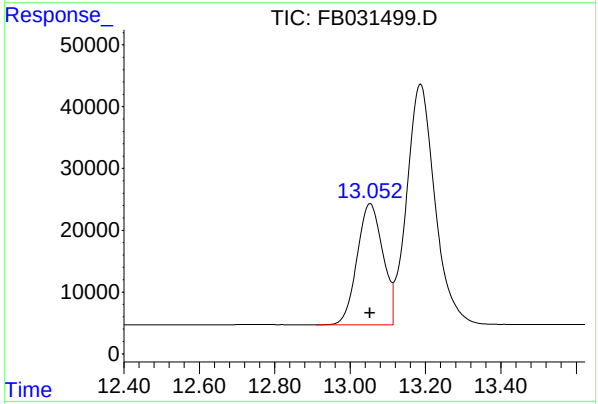
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



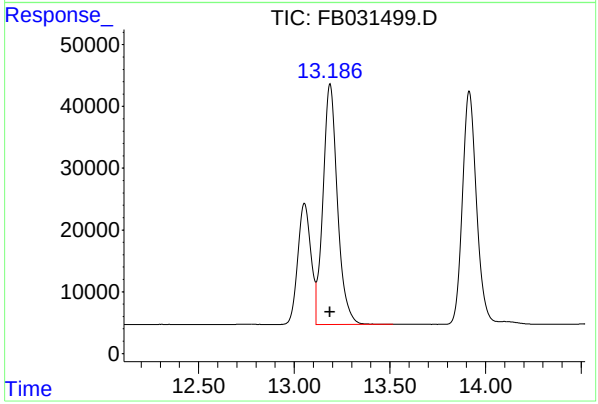
#6 Toluene

R.T.: 10.616 min
Delta R.T.: 0.001 min
Response: 3076531
Conc: 73.58 ng/ml



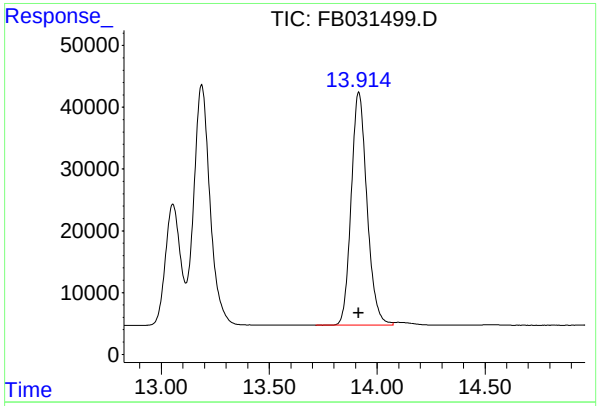
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 930011
Conc: 25.43 ng/ml



#8 m-Xylene

R.T.: 13.187 min
Delta R.T.: 0.000 min
Response: 2030191
Conc: 51.56 ng/ml



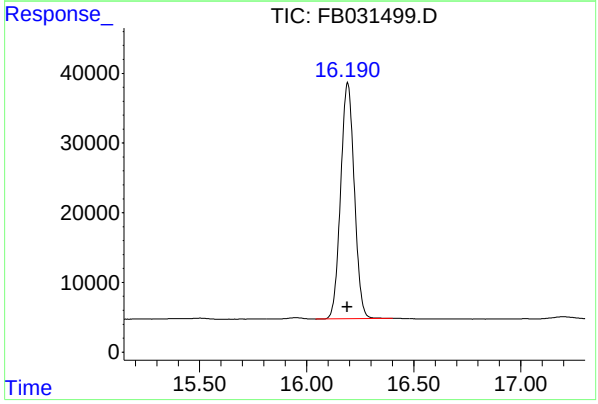
#9 O-Xylene

R.T.: 13.915 min
Delta R.T.: 0.001 min
Response: 1916993
Conc: 50.87 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.192 min
Delta R.T.: 0.001 min
Response: 1502684
Conc: 49.29 ng/ml

rteres

Instrument :
FID_B
LabSampleId :
50 GRO STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB02112
Data File : FB031499.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:03
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.576	4.930	BV	32794	2364210	76.85%	13.307%
2	7.420	7.181	7.637	BV	33139	2988084	97.13%	16.819%
3	7.749	7.637	7.816	VV	14054	801791	26.06%	4.513%
4	7.888	7.816	8.356	VV	19073	1109196	36.05%	6.243%
5	8.787	8.598	9.274	BV	17552	1046375	34.01%	5.890%
6	10.616	10.492	11.064	VV	57441	3076531	100.00%	17.317%
7	13.054	12.909	13.114	BV	19614	930011	30.23%	5.235%
8	13.187	13.114	13.516	VB	38963	2030191	65.99%	11.427%
9	13.915	13.717	14.074	BV	37763	1916993	62.31%	10.790%
10	16.192	16.043	16.403	PBA	33918	1502684	48.84%	8.458%

Sum of corrected areas: 17766068

FB021125.M Wed Feb 12 00:45:56 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031500.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:34
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Integration File: Calibration.e
Quant Time: Feb 11 12:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:31:17 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	8.788	2147540	89.415	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.714	4506855	139.022	ng/mlm
2) t	2,2,4-Trimethylpentane	7.424	5465363	138.265	ng/ml
3) t	n-Heptane	7.749	1560135	44.254	ng/ml
4) t	Benzene	7.888	2127694	47.432	ng/ml
6) t	Toluene	10.618	5840600	140.358	ng/ml
7) t	Ethylbenzene	13.055	1730637	47.118	ng/ml
8) t	m-Xylene	13.188	3773935	95.105	ng/ml
9) t	O-Xylene	13.917	3563540	94.160	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	2664855	87.717	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031500.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:34
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

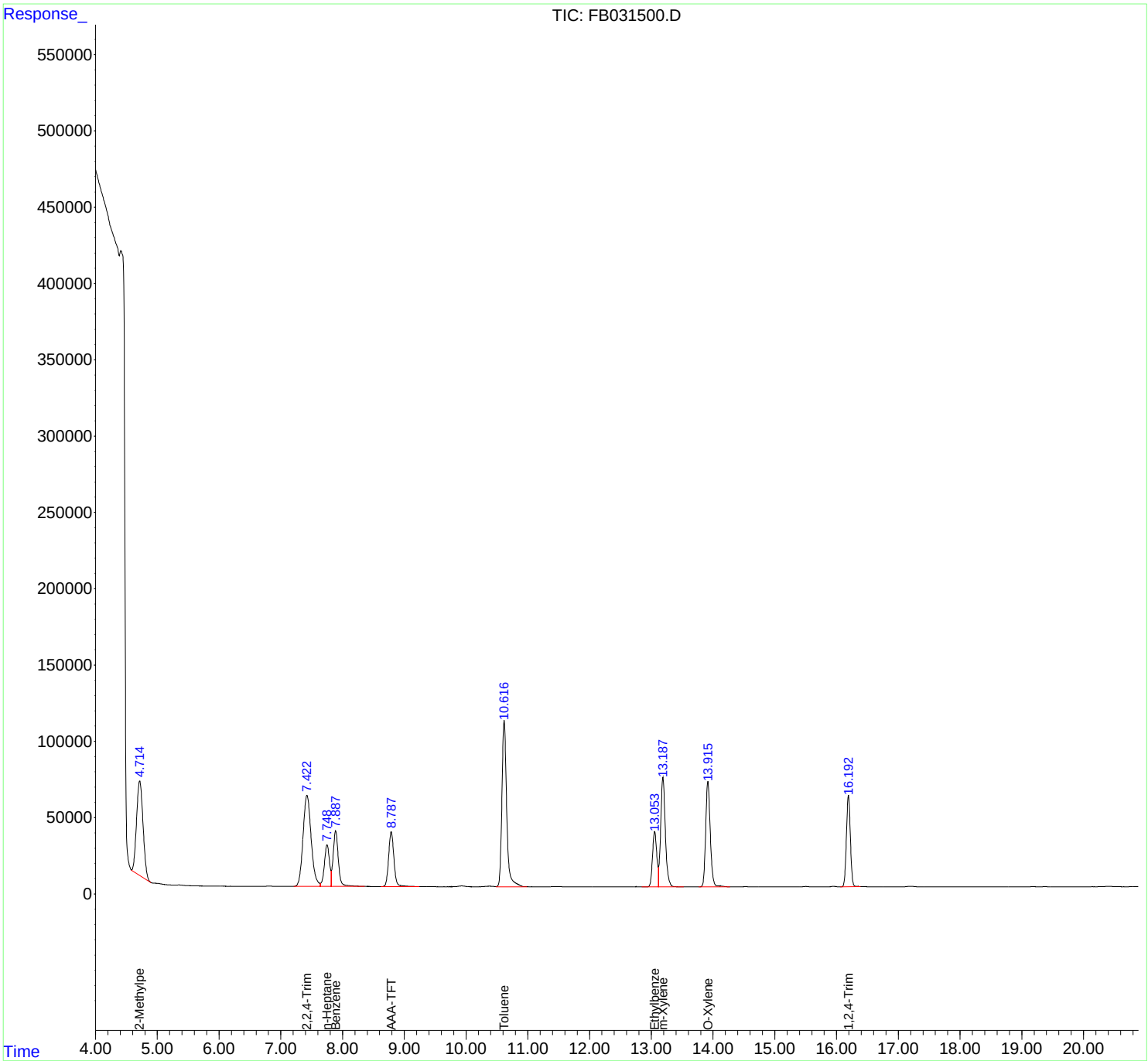
Integration File: Calibration.e
Quant Time: Feb 11 12:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:31:17 2025
Response via : Initial Calibration
Integrator: ChemStation

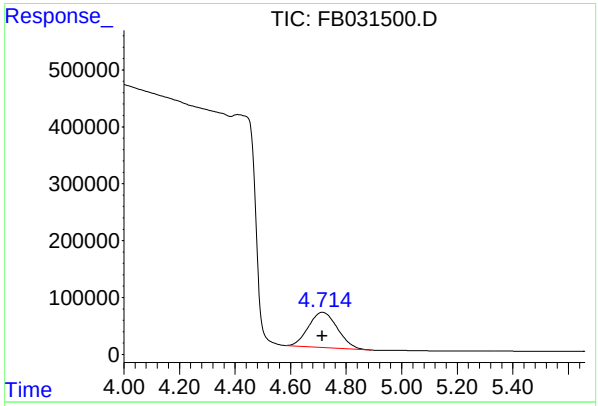
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025





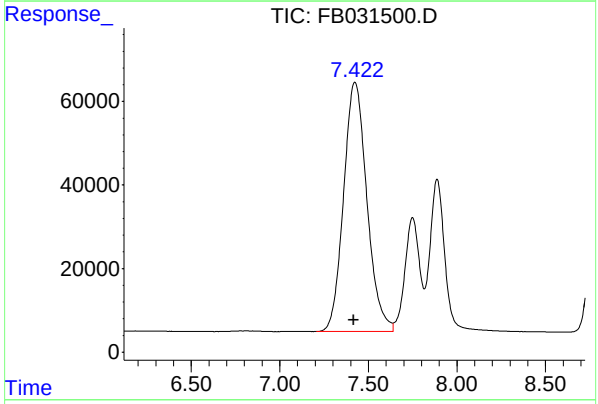
#1 2-Methylpentane

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 4506855
Conc: 139.02 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

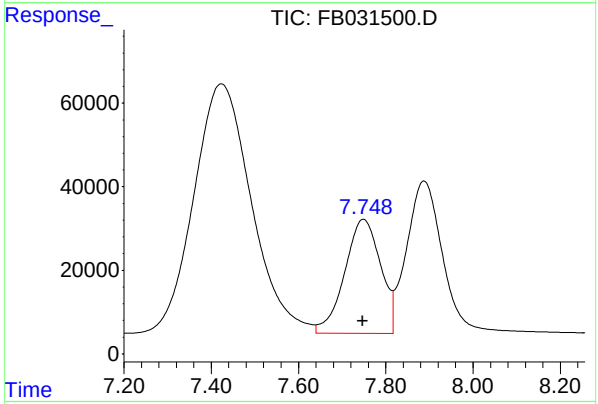
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



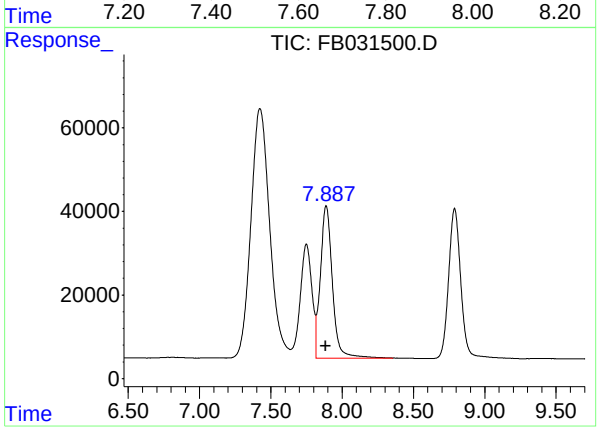
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min
Delta R.T.: 0.008 min
Response: 5465363
Conc: 138.26 ng/ml



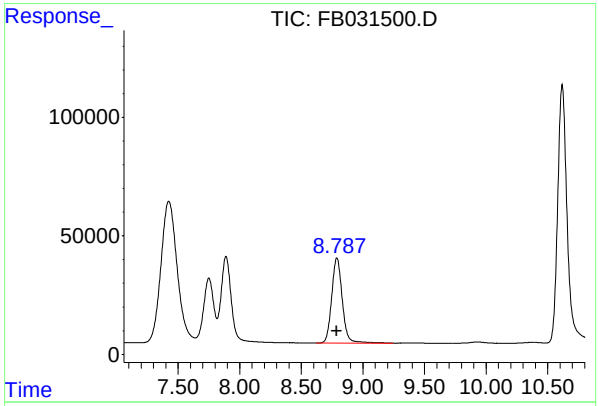
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: 0.002 min
Response: 1560135
Conc: 44.25 ng/ml



#4 Benzene

R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 2127694
Conc: 47.43 ng/ml



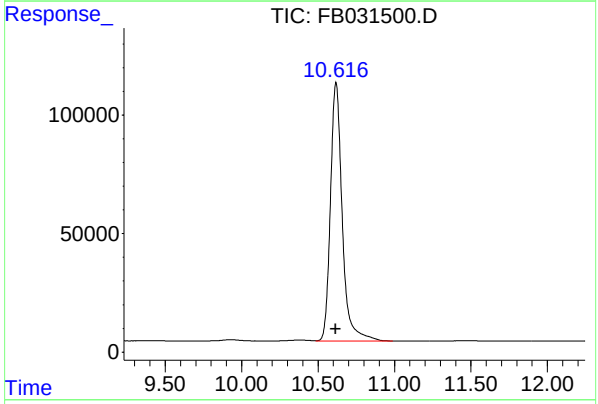
#5 AAA-TFT

R.T.: 8.788 min
Delta R.T.: 0.002 min
Response: 2147540
Conc: 89.41 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

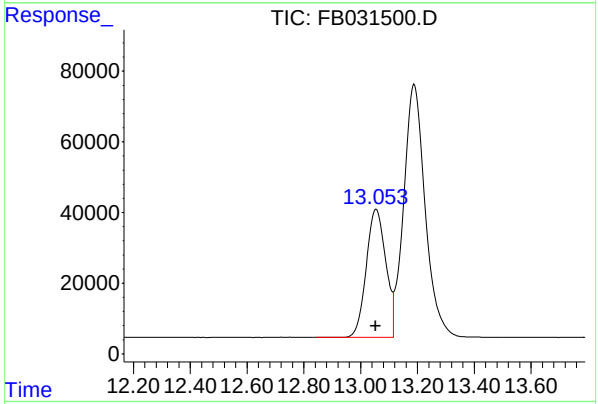
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



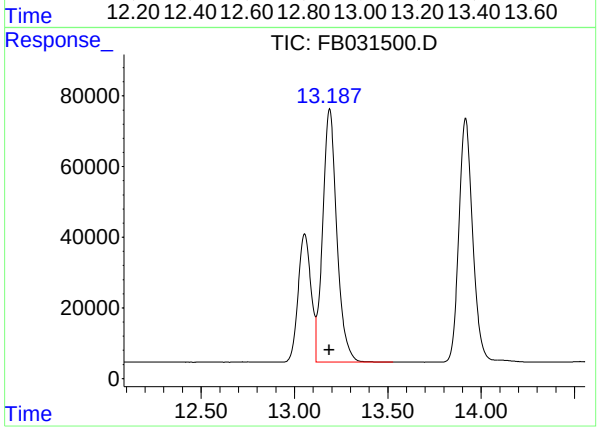
#6 Toluene

R.T.: 10.618 min
Delta R.T.: 0.003 min
Response: 5840600
Conc: 140.36 ng/ml



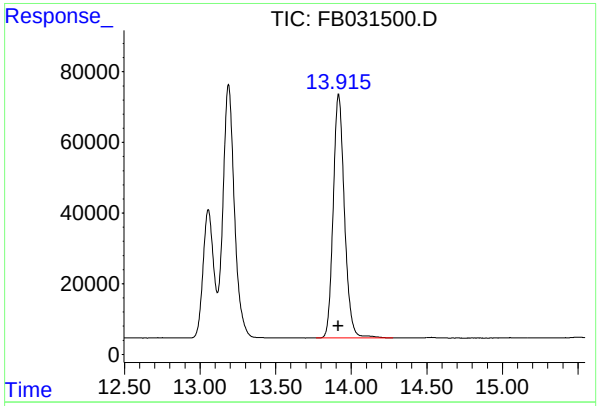
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: 0.002 min
Response: 1730637
Conc: 47.12 ng/ml



#8 m-Xylene

R.T.: 13.188 min
Delta R.T.: 0.002 min
Response: 3773935
Conc: 95.10 ng/ml



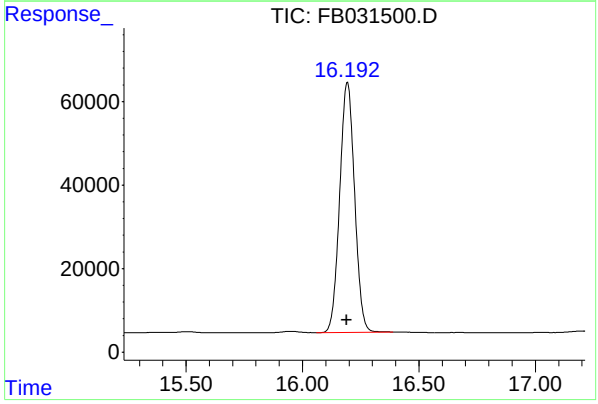
#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.002 min
Response: 3563540
Conc: 94.16 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.003 min
Response: 2664855
Conc: 87.72 ng/ml

Instrument :
FID_B
LabSampleId :
100 GRO STD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB02112
Data File : FB031500.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:34
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.576	5.289	BV	60190	3619041	61.96%	11.138%
2	7.424	7.205	7.640	PV	59704	5465363	93.58%	16.820%
3	7.749	7.640	7.817	VV	27317	1560135	26.71%	4.801%
4	7.888	7.817	8.356	VV	36441	2127694	36.43%	6.548%
5	8.788	8.619	9.244	PV	35969	2147540	36.77%	6.609%
6	10.618	10.486	10.989	VV	109080	5840600	100.00%	17.975%
7	13.055	12.844	13.115	PV	36308	1730637	29.63%	5.326%
8	13.188	13.115	13.527	VV	71713	3773935	64.62%	11.614%
9	13.917	13.767	14.276	PV	69098	3563540	61.01%	10.967%
10	16.193	16.059	16.389	PV	59971	2664855	45.63%	8.201%

Sum of corrected areas: 32493340

FB021125.M Wed Feb 12 00:46:42 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031501.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 13:19
Operator : YP/AJ
Sample : FB021125GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB021125GROICV

Integration File: Calibration.e
Quant Time: Feb 11 13:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	412631	17.552	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	975103	30.526	ng/ml
2) t	2,2,4-Trimethylpentane	7.418	1199605	30.830	ng/ml
3) t	n-Heptane	7.750	305835	8.879	ng/ml
4) t	Benzene	7.889	429873	9.682	ng/ml
6) t	Toluene	10.617	1229234	29.925	ng/ml
7) t	Ethylbenzene	13.054	376963	10.383	ng/ml
8) t	m-Xylene	13.187	828142	21.076	ng/ml
9) t	O-Xylene	13.915	791395	21.158	ng/ml
10) t	1,2,4-Trimethylbenzene	16.192	625943	21.123	ng/ml

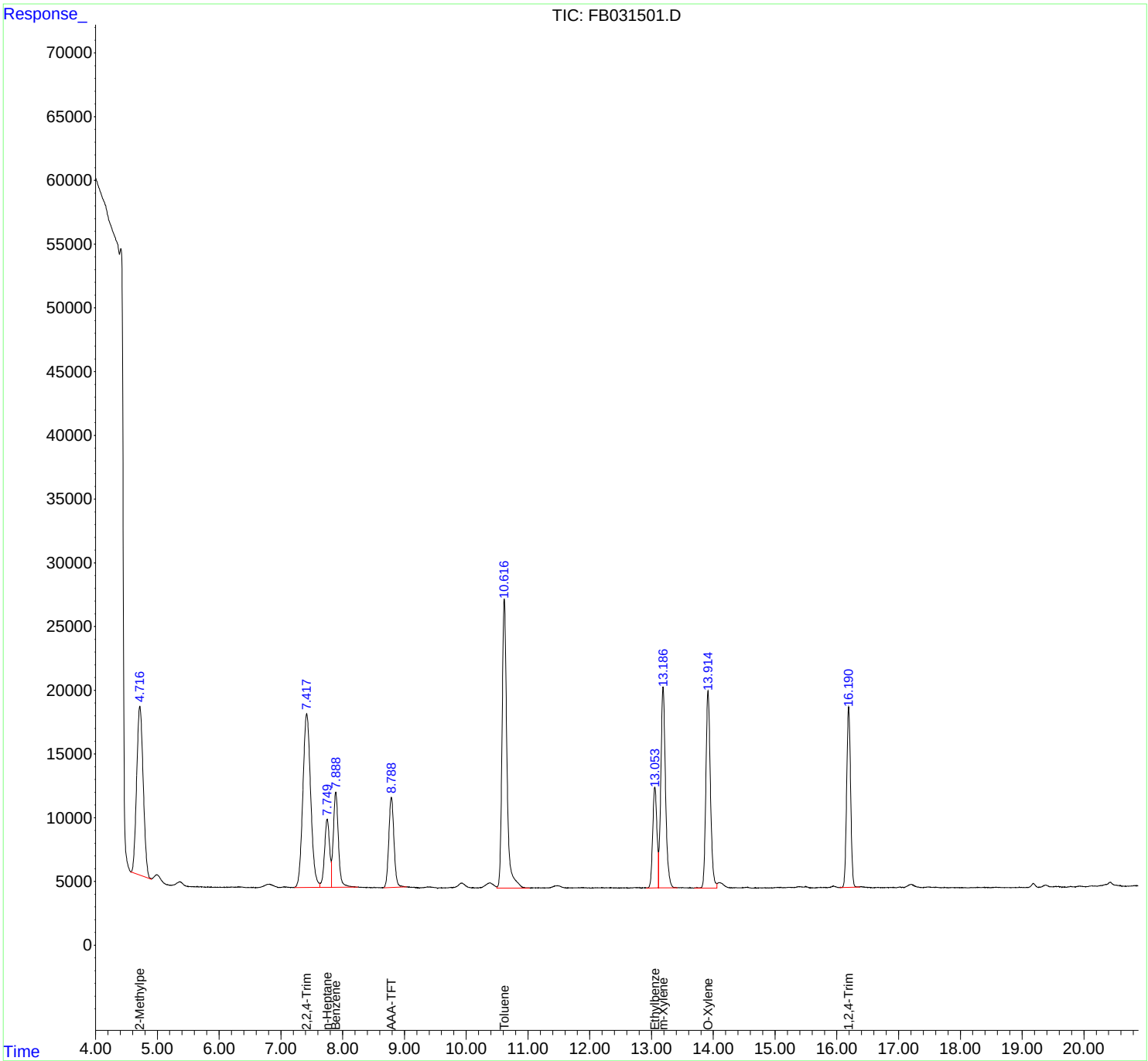
(f)=RT Delta > 1/2 Window (m)=manual int.

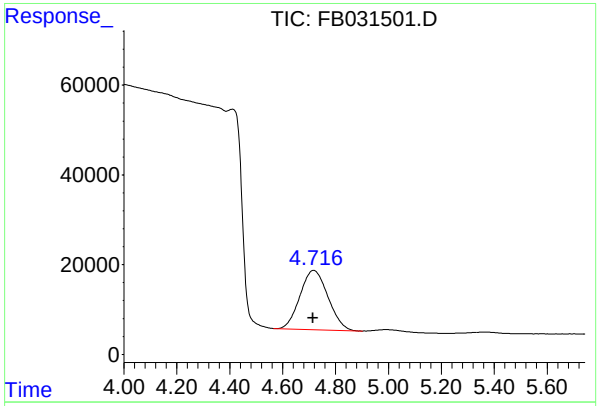
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031501.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 13:19
Operator : YP/AJ
Sample : FB021125GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB021125GROICV

Integration File: Calibration.e
Quant Time: Feb 11 13:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

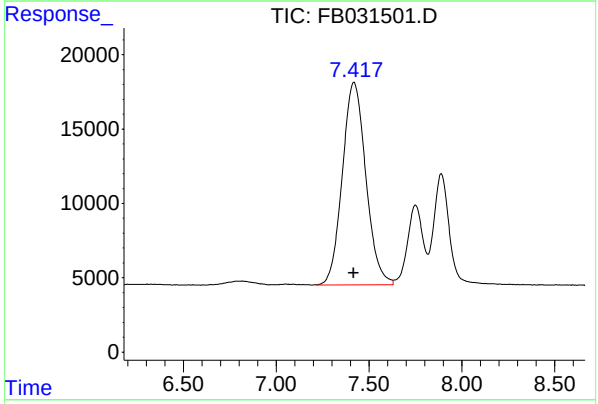




#1 2-Methylpentane

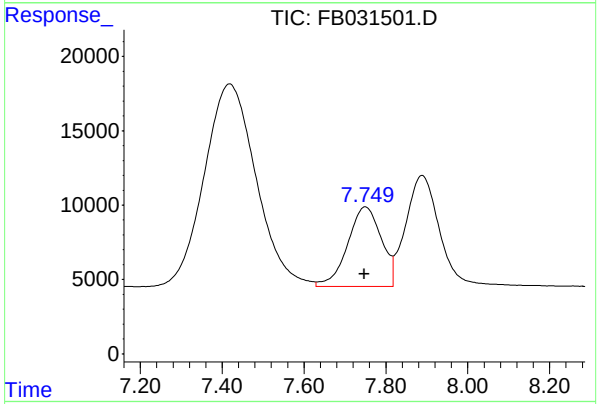
R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 975103
Conc: 30.53 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



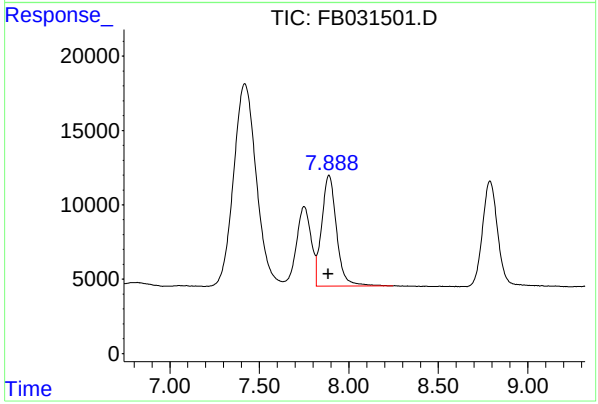
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 1199605
Conc: 30.83 ng/ml



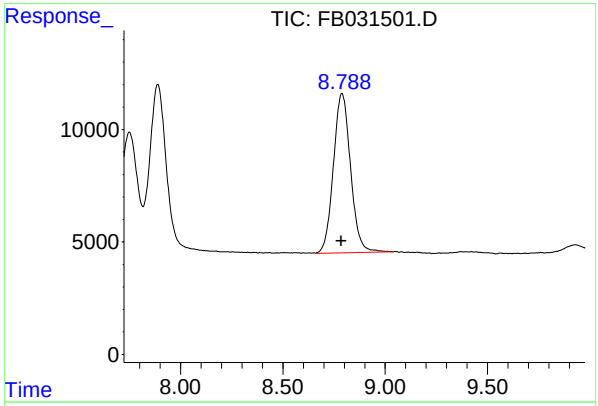
#3 n-Heptane

R.T.: 7.750 min
Delta R.T.: 0.003 min
Response: 305835
Conc: 8.88 ng/ml



#4 Benzene

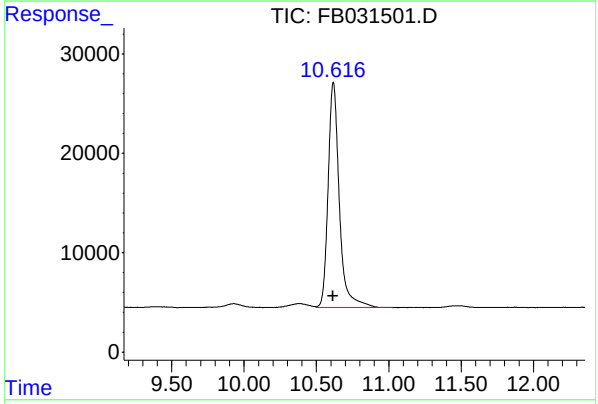
R.T.: 7.889 min
Delta R.T.: 0.003 min
Response: 429873
Conc: 9.68 ng/ml



#5 AAA-TFT

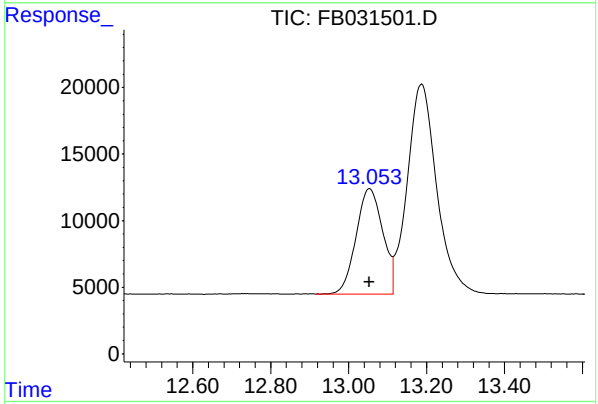
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 412631
Conc: 17.55 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



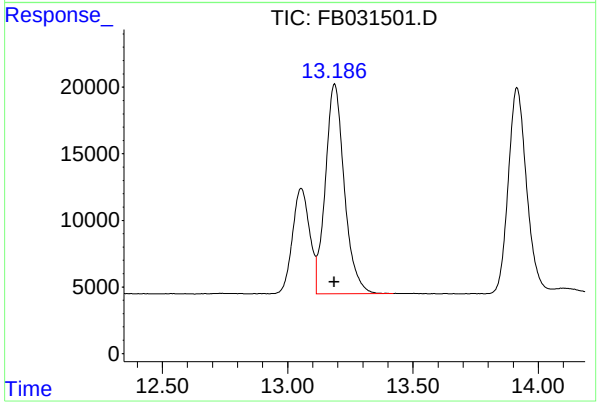
#6 Toluene

R.T.: 10.617 min
Delta R.T.: 0.002 min
Response: 1229234
Conc: 29.92 ng/ml



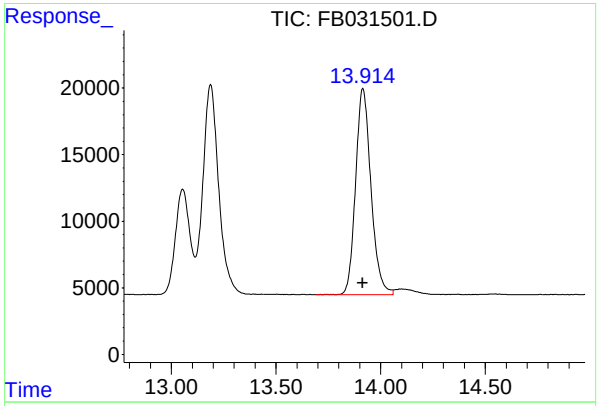
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.002 min
Response: 376963
Conc: 10.38 ng/ml



#8 m-Xylene

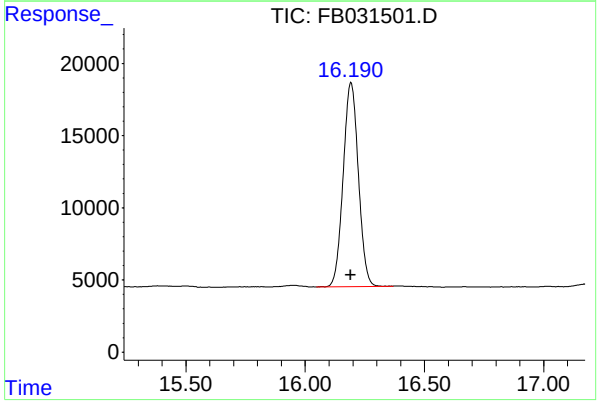
R.T.: 13.187 min
Delta R.T.: 0.001 min
Response: 828142
Conc: 21.08 ng/ml



#9 O-Xylene

R.T.: 13.915 min
Delta R.T.: 0.001 min
Response: 791395
Conc: 21.16 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.192 min
Delta R.T.: 0.002 min
Response: 625943
Conc: 21.12 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031501.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 13:19
Sample : FB021125GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.565	4.902	BV	13249	975103	79.33%	13.591%
2	7.418	7.215	7.629	PV	13631	1199605	97.59%	16.720%
3	7.750	7.629	7.817	VV	5349	305835	24.88%	4.263%
4	7.889	7.817	8.247	VV	7468	429873	34.97%	5.991%
5	8.789	8.661	9.038	PV	7086	412631	33.57%	5.751%
6	10.617	10.496	11.028	VV	22683	1229234	100.00%	17.133%
7	13.054	12.916	13.114	VV	7910	376963	30.67%	5.254%
8	13.187	13.114	13.422	VV	15773	828142	67.37%	11.542%
9	13.915	13.692	14.059	BV	15480	791395	64.38%	11.030%
10	16.192	16.046	16.369	PV	14154	625943	50.92%	8.724%

Sum of corrected areas: 7174724

FB021125.M Wed Feb 12 00:48:23 2025

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031524.D Analyst Name: YP/AJ Analyst Date: 03-03-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6198429	34436	36867	6.594

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031524.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 10:24
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: SAMPLE.e
Quant Time: Mar 04 00:18:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.787	509536	21.674	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	794709	24.878	ng/ml
2) t	2,2,4-Trimethylpentane	7.419	1022459	26.278	ng/ml
3) t	n-Heptane	7.749	308691	8.962	ng/ml
4) t	Benzene	7.888	424189	9.554	ng/ml
6) t	Toluene	10.616	1188500	28.933	ng/ml
7) t	Ethylbenzene	13.053	353350	9.732	ng/ml
8) t	m-Xylene	13.186	769984	19.596	ng/ml
9) t	O-Xylene	13.914	745951	19.943	ng/ml
10) t	1,2,4-Trimethylbenzene	16.191	590596	19.930	ng/ml

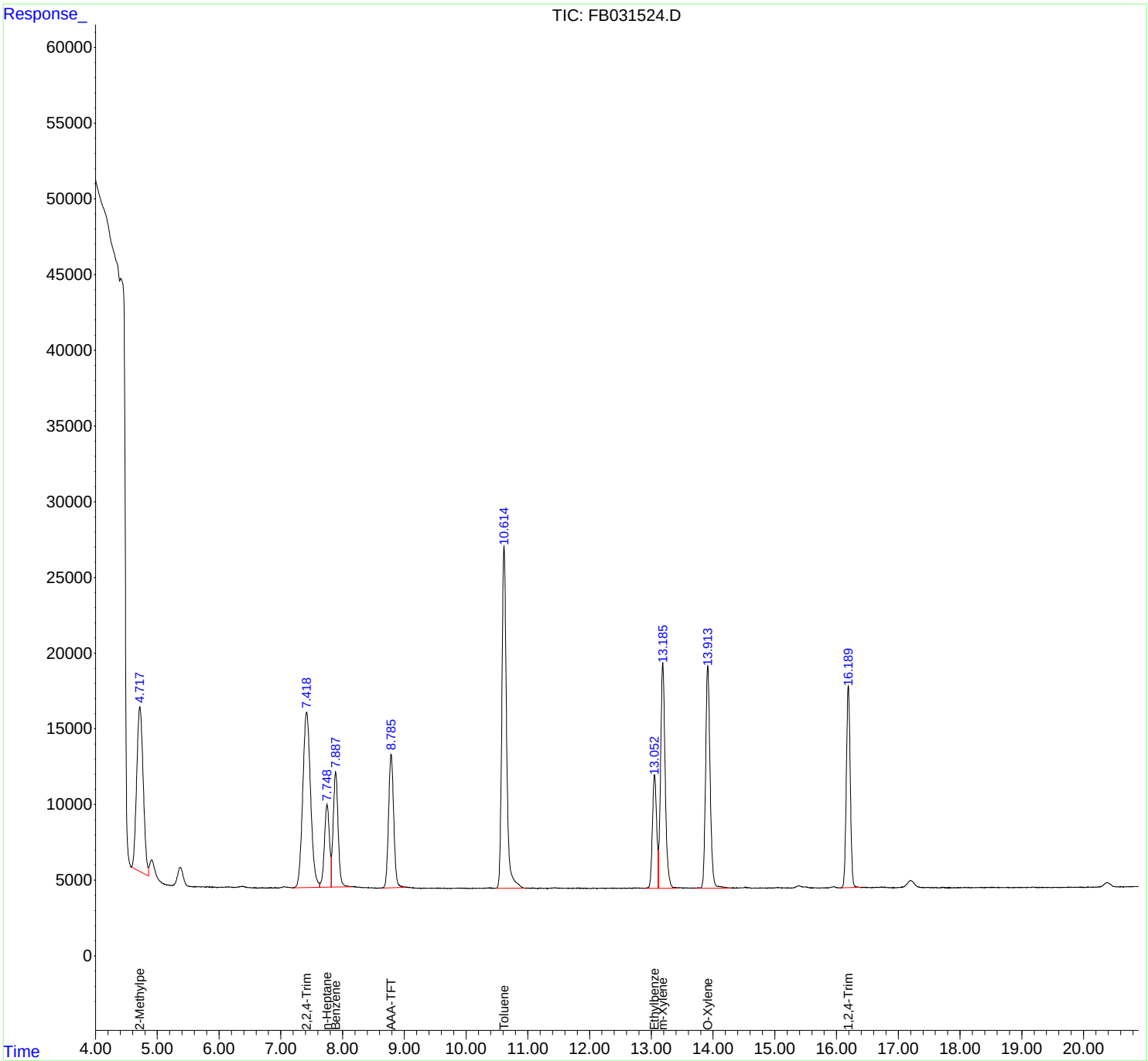
(f)=RT Delta > 1/2 Window (m)=manual int.

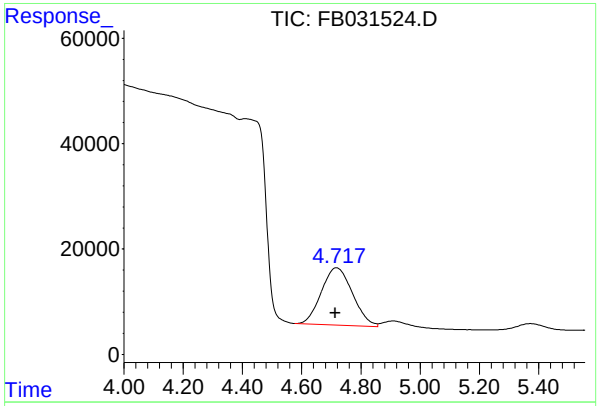
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031524.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 10:24
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: SAMPLE.e
Quant Time: Mar 04 00:18:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

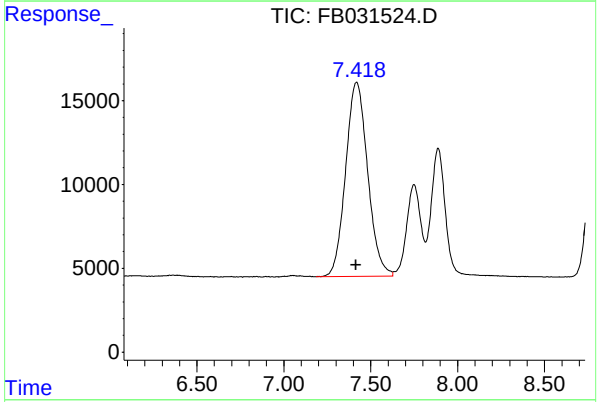




#1 2-Methylpentane

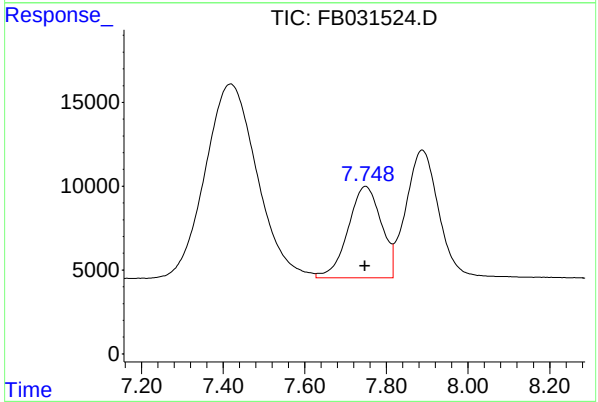
R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 794709
Conc: 24.88 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



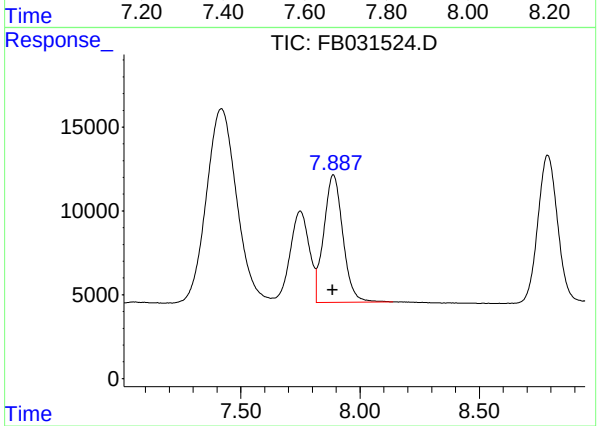
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min
Delta R.T.: 0.003 min
Response: 1022459
Conc: 26.28 ng/ml



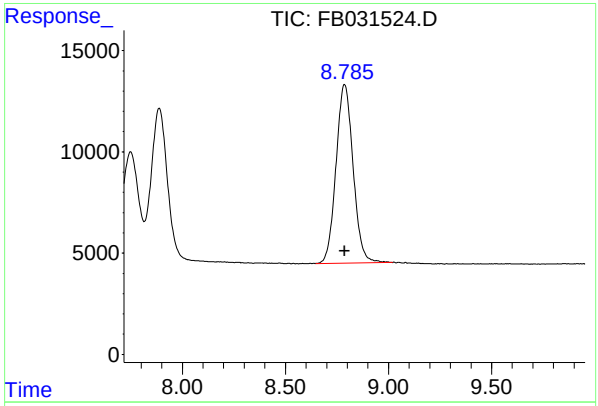
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: 0.002 min
Response: 308691
Conc: 8.96 ng/ml



#4 Benzene

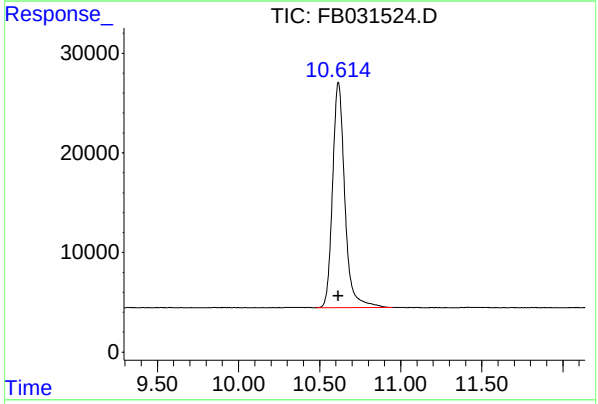
R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 424189
Conc: 9.55 ng/ml



#5 AAA-TFT

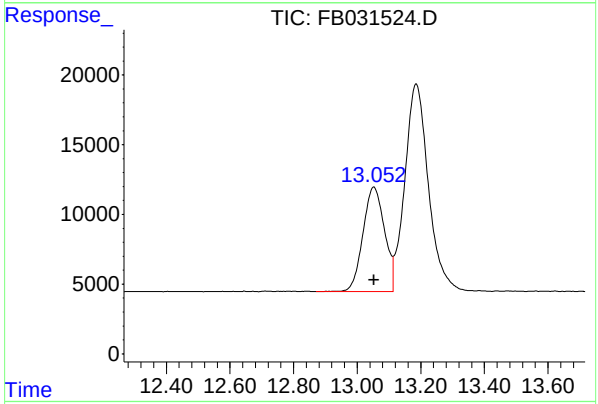
R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 509536
Conc: 21.67 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



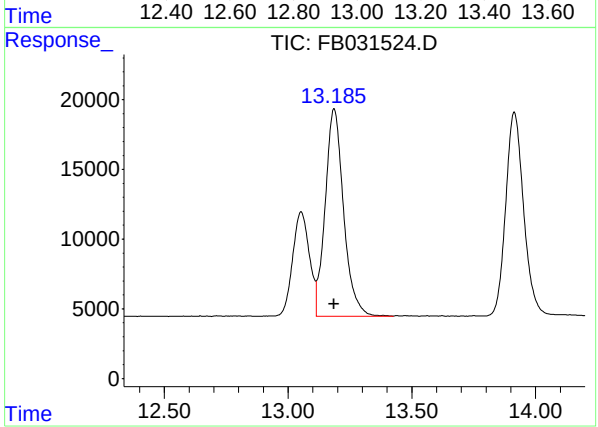
#6 Toluene

R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 1188500
Conc: 28.93 ng/ml



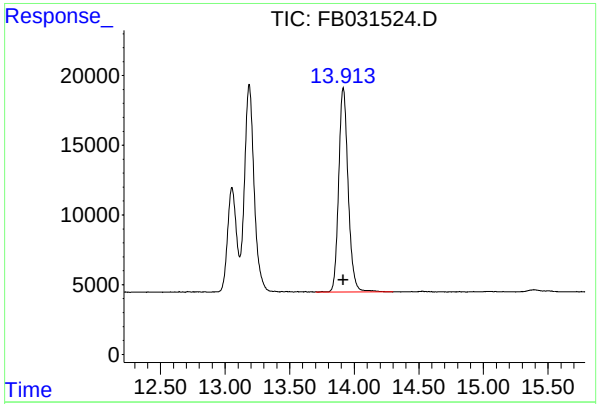
#7 Ethylbenzene

R.T.: 13.053 min
Delta R.T.: 0.000 min
Response: 353350
Conc: 9.73 ng/ml



#8 m-Xylene

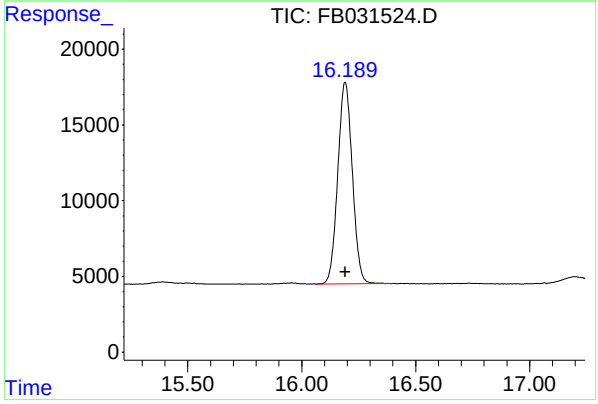
R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 769984
Conc: 19.60 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: 0.000 min
Response: 745951
Conc: 19.94 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: 590596
Conc: 19.93 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031524.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 10:24
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.576	4.857	BV	10880	794709	66.87%	11.840%
2	7.419	7.184	7.627	BV	11598	1022459	86.03%	15.233%
3	7.749	7.627	7.816	VV	5461	308691	25.97%	4.599%
4	7.888	7.816	8.139	VV	7611	424189	35.69%	6.320%
5	8.787	8.648	9.021	BV	8828	509536	42.87%	7.591%
6	10.616	10.477	10.951	BV	22621	1188500	100.00%	17.707%
7	13.053	12.871	13.113	PV	7502	353350	29.73%	5.264%
8	13.186	13.113	13.424	VV	14897	769984	64.79%	11.472%
9	13.914	13.703	14.298	BB	14644	745951	62.76%	11.114%
10	15.392	15.125	15.481	PV	111	4147	0.35%	0.062%
11	16.191	16.063	16.401	BBA	13313	590596	49.69%	8.799%
			Sum of corrected areas:			6712113		

FB021125.M Tue Mar 04 01:19:03 2025

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031534.D Analyst Name: YP/AJ Analyst Date: 03-03-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5897498	32764	36867	11.129

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031534.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 17:38
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: SAMPLE.e
Quant Time: Mar 04 05:46:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	420122	17.871	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.716	767104	24.014	ng/ml
2) t	2,2,4-Trimethylpentane	7.418	998239	25.655	ng/ml
3) t	n-Heptane	7.750	296604	8.611	ng/ml
4) t	Benzene	7.890	392084	8.831	ng/ml
6) t	Toluene	10.619	1135022	27.631	ng/ml
7) t	Ethylbenzene	13.056	333282	9.180	ng/ml
8) t	m-Xylene	13.189	730838	18.600	ng/ml
9) t	O-Xylene	13.917	711639	19.026	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	532686	17.976	ng/ml

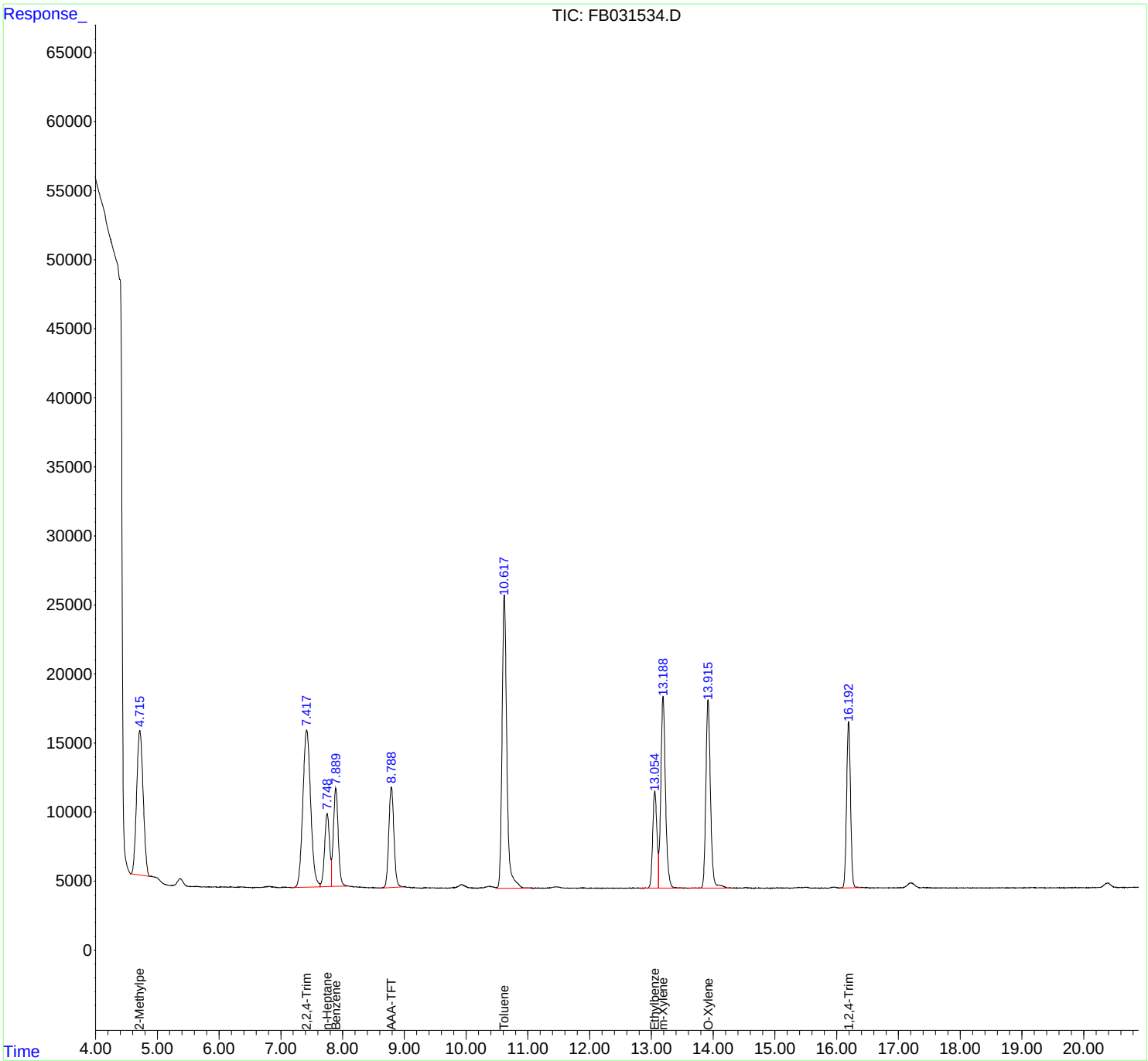
(f)=RT Delta > 1/2 Window (m)=manual int.

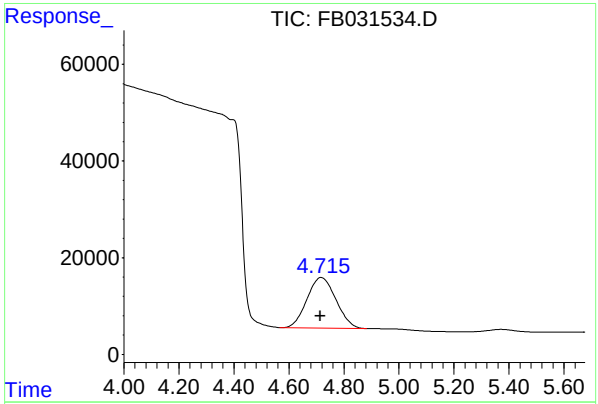
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031534.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 17:38
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: SAMPLE.e
Quant Time: Mar 04 05:46:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

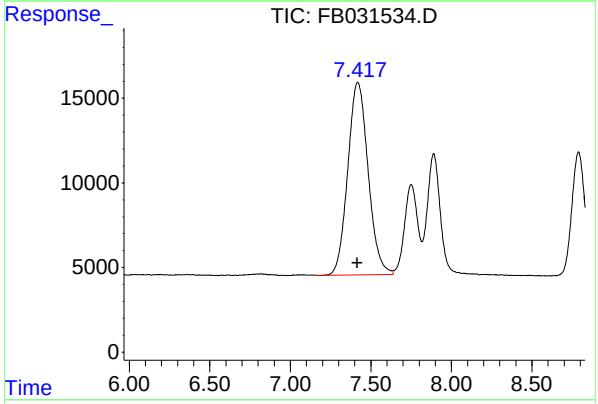




#1 2-Methylpentane

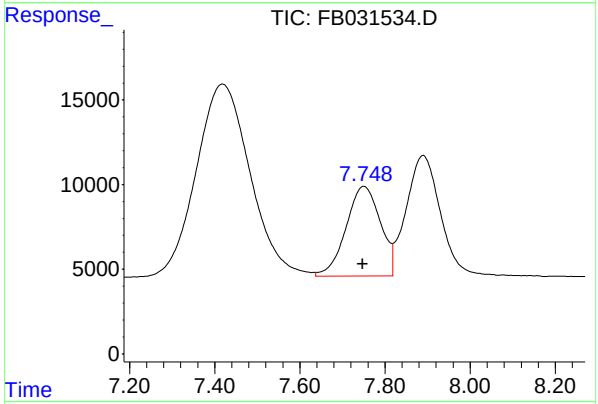
R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 767104
Conc: 24.01 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



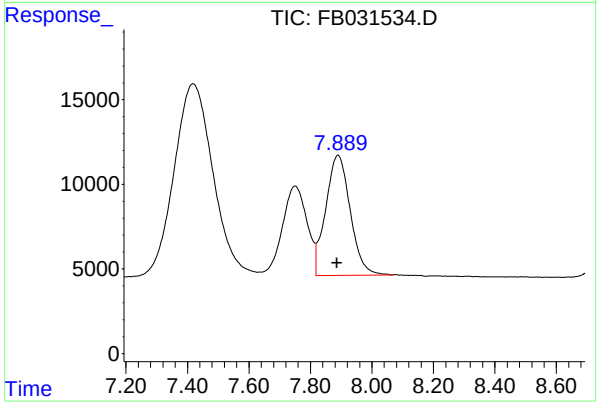
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 998239
Conc: 25.66 ng/ml



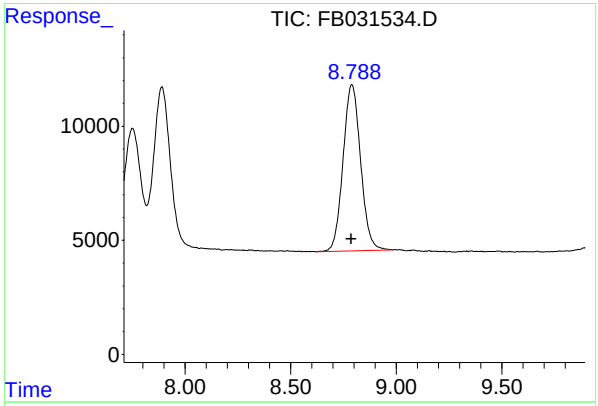
#3 n-Heptane

R.T.: 7.750 min
Delta R.T.: 0.003 min
Response: 296604
Conc: 8.61 ng/ml



#4 Benzene

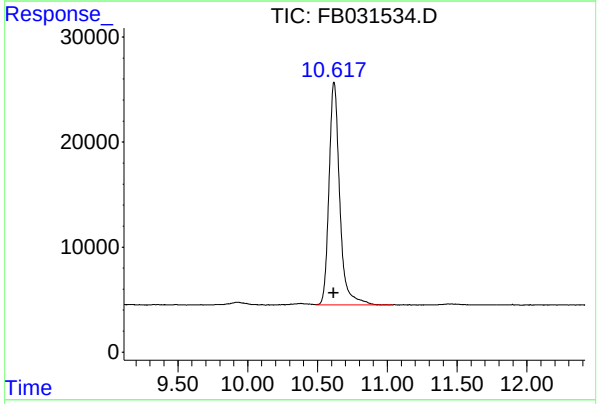
R.T.: 7.890 min
Delta R.T.: 0.005 min
Response: 392084
Conc: 8.83 ng/ml



#5 AAA-TFT

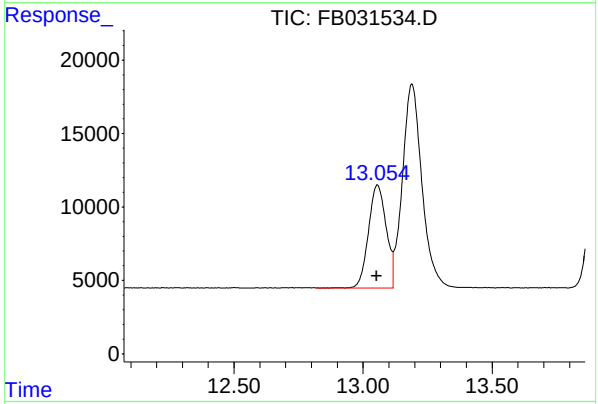
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 420122
Conc: 17.87 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



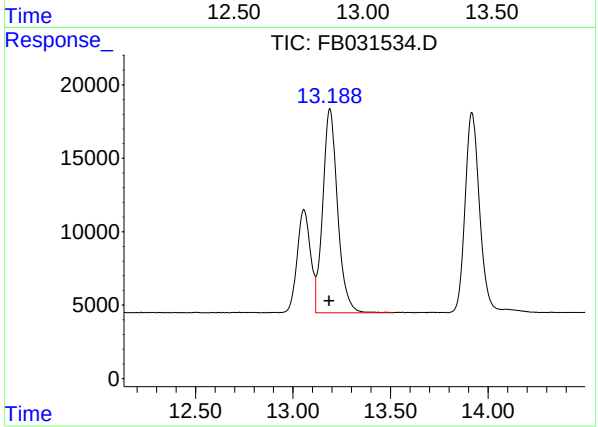
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.003 min
Response: 1135022
Conc: 27.63 ng/ml



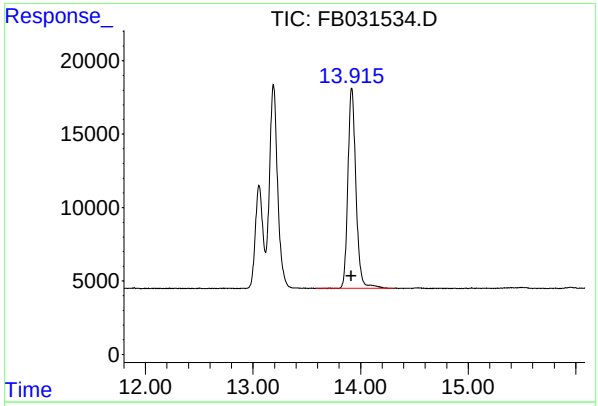
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: 0.003 min
Response: 333282
Conc: 9.18 ng/ml



#8 m-Xylene

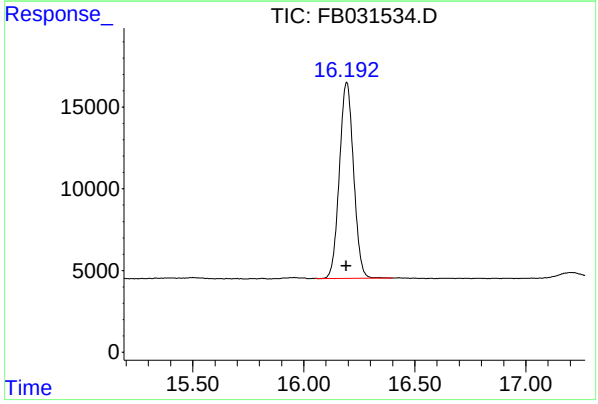
R.T.: 13.189 min
Delta R.T.: 0.003 min
Response: 730838
Conc: 18.60 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.003 min
Response: 711639
Conc: 19.03 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.003 min
Response: 532686
Conc: 17.98 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031534.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 17:38
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.565	4.883	BV	10474	767104	67.58%	12.142%
2	7.418	7.159	7.637	BV	11382	998239	87.95%	15.801%
3	7.750	7.637	7.818	VV	5307	296604	26.13%	4.695%
4	7.890	7.818	8.069	VV	7107	392084	34.54%	6.206%
5	8.789	8.621	8.985	PV	7290	420122	37.01%	6.650%
6	10.619	10.488	11.039	VV	21215	1135022	100.00%	17.966%
7	13.056	12.818	13.116	BV	7016	333282	29.36%	5.275%
8	13.189	13.116	13.511	VB	13887	730838	64.39%	11.568%
9	13.917	13.586	14.301	BV	13633	711639	62.70%	11.264%
10	16.193	16.055	16.401	BBA	12019	532686	46.93%	8.432%

Sum of corrected areas: 6317620

FB021125.M Thu Mar 13 07:30:36 2025

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031539.D Analyst Name: YP/AJ Analyst Date: 03-03-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6646799	36927	36867	0.163

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031539.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:57
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: SAMPLE.e
Quant Time: Mar 04 00:21:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	496153	21.105	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.719	943869	29.548	ng/ml
2) t	2,2,4-Trimethylpentane	7.421	1151051	29.583	ng/ml
3) t	n-Heptane	7.751	350052	10.163	ng/ml
4) t	Benzene	7.890	448036	10.092	ng/ml
6) t	Toluene	10.619	1262839	30.743	ng/ml
7) t	Ethylbenzene	13.056	364581	10.042	ng/ml
8) t	m-Xylene	13.190	797641	20.300	ng/ml
9) t	O-Xylene	13.917	756270	20.219	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	572460	19.318	ng/ml

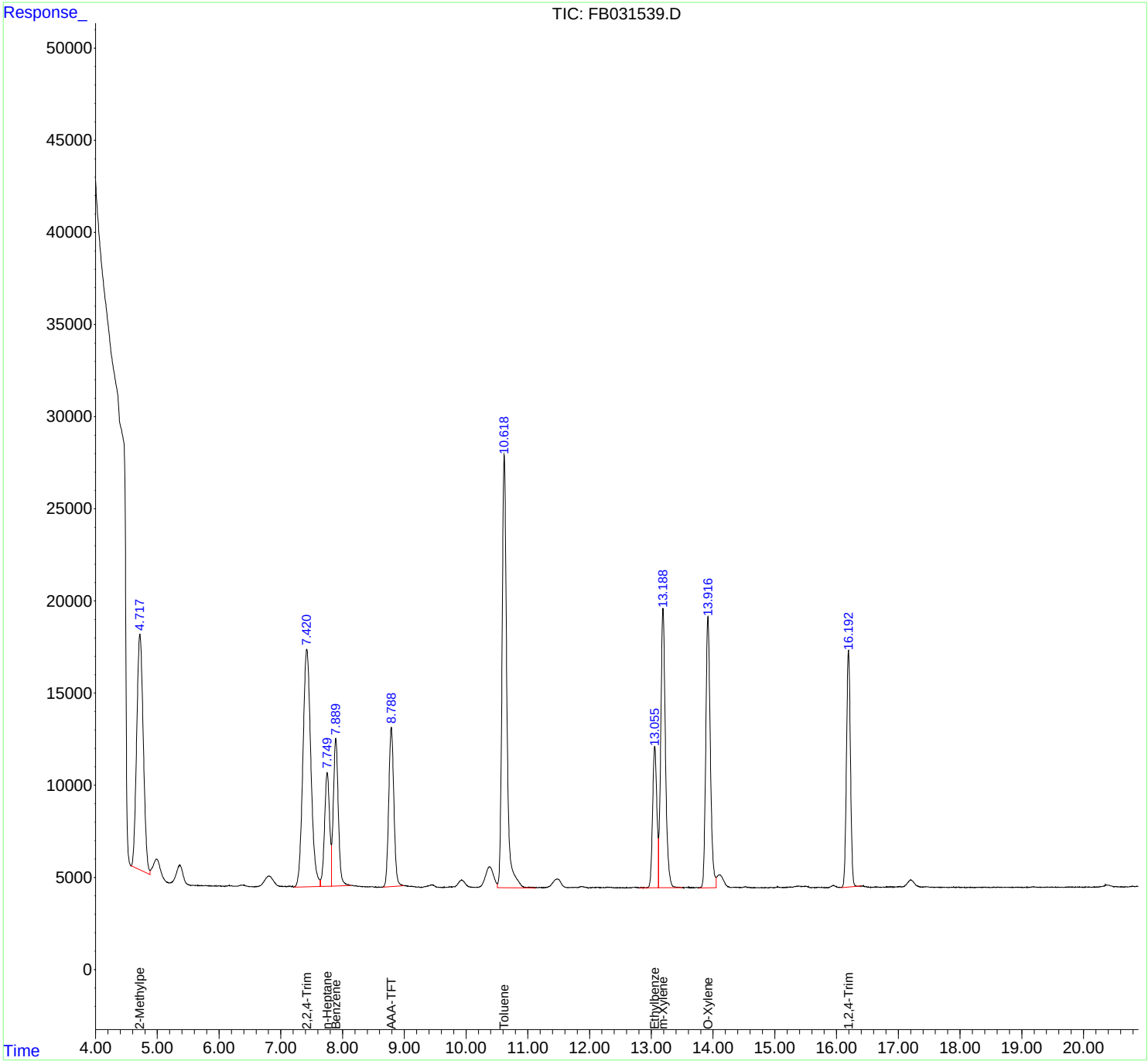
(f)=RT Delta > 1/2 Window (m)=manual int.

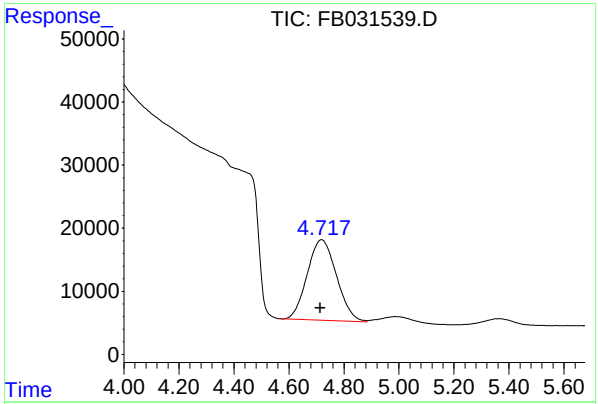
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031539.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:57
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: SAMPLE.e
Quant Time: Mar 04 00:21:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

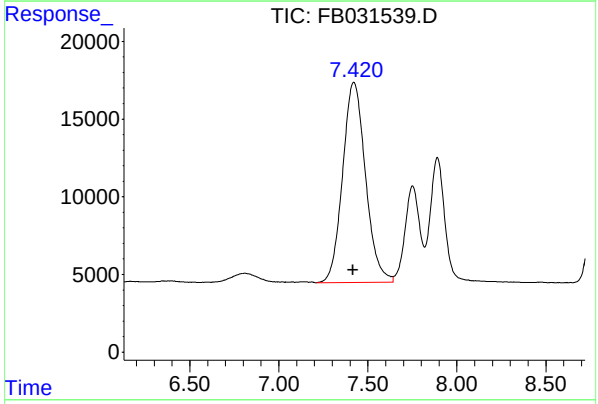




#1 2-Methylpentane

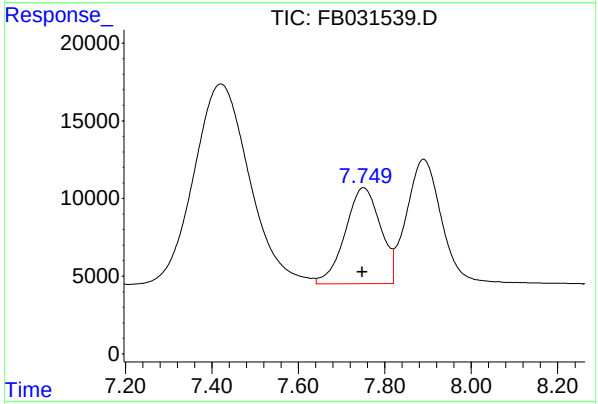
R.T.: 4.719 min
Delta R.T.: 0.005 min
Response: 943869
Conc: 29.55 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



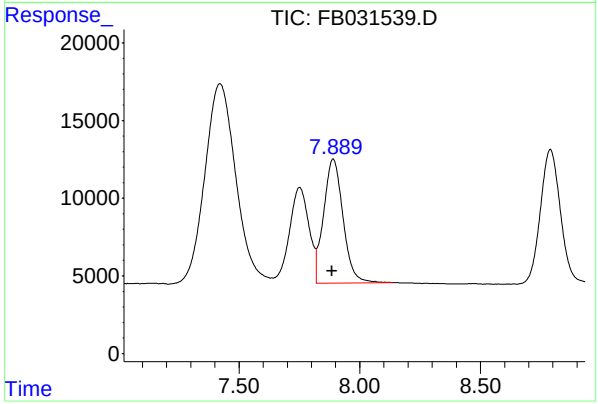
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min
Delta R.T.: 0.005 min
Response: 1151051
Conc: 29.58 ng/ml



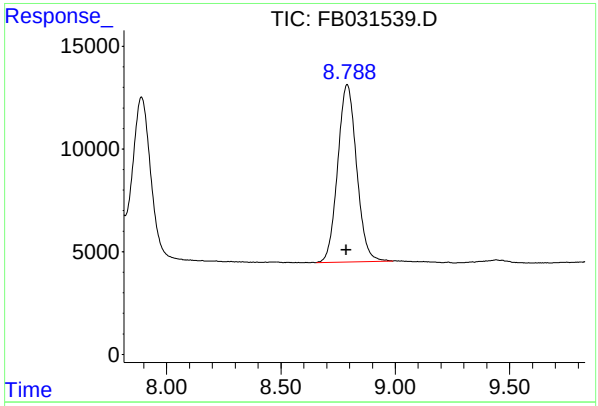
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.003 min
Response: 350052
Conc: 10.16 ng/ml



#4 Benzene

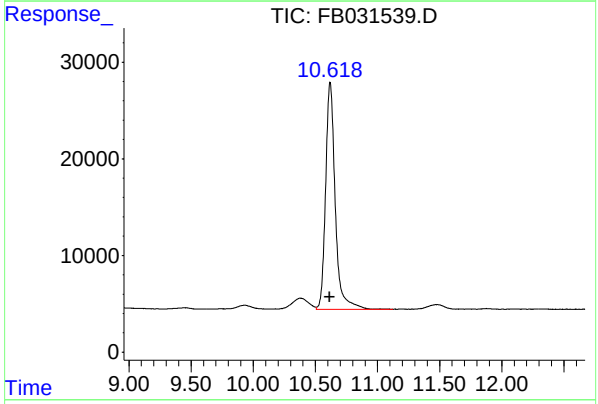
R.T.: 7.890 min
Delta R.T.: 0.005 min
Response: 448036
Conc: 10.09 ng/ml



#5 AAA-TFT

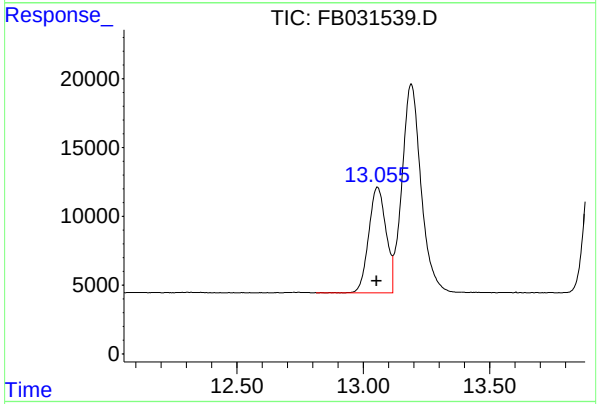
R.T.: 8.790 min
Delta R.T.: 0.004 min
Response: 496153
Conc: 21.10 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



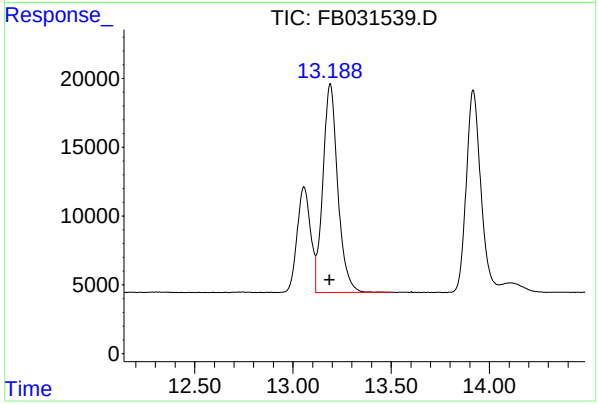
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.004 min
Response: 1262839
Conc: 30.74 ng/ml



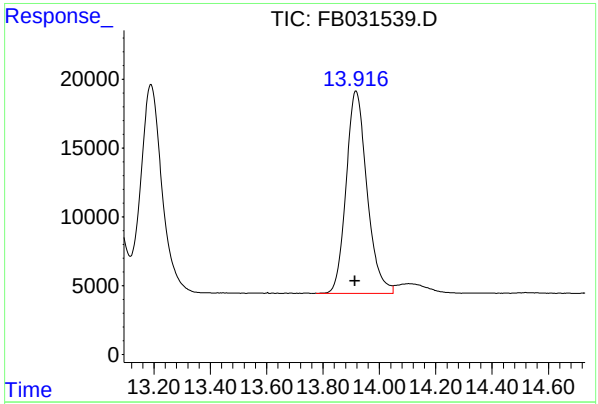
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: 0.004 min
Response: 364581
Conc: 10.04 ng/ml



#8 m-Xylene

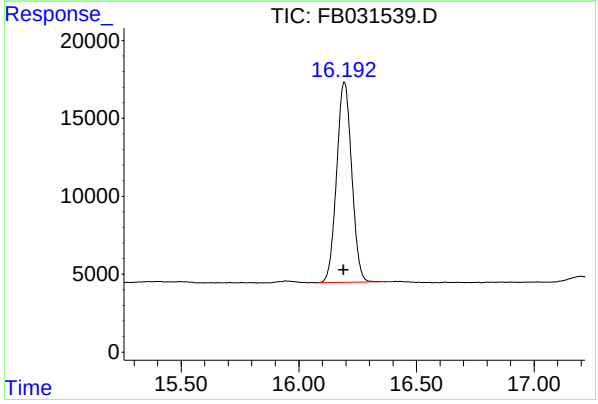
R.T.: 13.190 min
Delta R.T.: 0.004 min
Response: 797641
Conc: 20.30 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.003 min
Response: 756270
Conc: 20.22 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.003 min
Response: 572460
Conc: 19.32 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031539.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 19:57
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.719	4.565	4.884	BV	12788	943869	74.74%	13.214%
2	7.421	7.209	7.642	PV	12890	1151051	91.15%	16.115%
3	7.751	7.642	7.820	VV	6173	350052	27.72%	4.901%
4	7.890	7.820	8.139	VV	8001	448036	35.48%	6.272%
5	8.790	8.654	8.991	PV	8645	496153	39.29%	6.946%
6	10.619	10.507	11.125	VV	23498	1262839	100.00%	17.680%
7	13.056	12.812	13.116	BV	7683	364581	28.87%	5.104%
8	13.190	13.116	13.508	VB	15189	797641	63.16%	11.167%
9	13.917	13.775	14.049	BV	14713	756270	59.89%	10.588%
10	16.194	16.074	16.401	BBA	12844	572460	45.33%	8.014%

Sum of corrected areas: 7142953

FB021125.M Tue Mar 04 01:07:13 2025

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GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031540.D Analyst Name: YP/AJ Analyst Date: 03-04-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6496622	36092	36867	2.102

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031540.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 9:17
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: Mar 05 02:06:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.786	454088	19.315	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	881045	27.581	ng/ml
2) t	2,2,4-Trimethylpentane	7.417	1118009	28.733	ng/ml
3) t	n-Heptane	7.748	340050	9.873	ng/ml
4) t	Benzene	7.887	435770	9.815	ng/ml
6) t	Toluene	10.615	1225175	29.826	ng/ml
7) t	Ethylbenzene	13.052	360379	9.926	ng/ml
8) t	m-Xylene	13.186	786158	20.007	ng/ml
9) t	O-Xylene	13.914	752726	20.125	ng/ml
10) t	1,2,4-Trimethylbenzene	16.190	597310	20.156	ng/ml

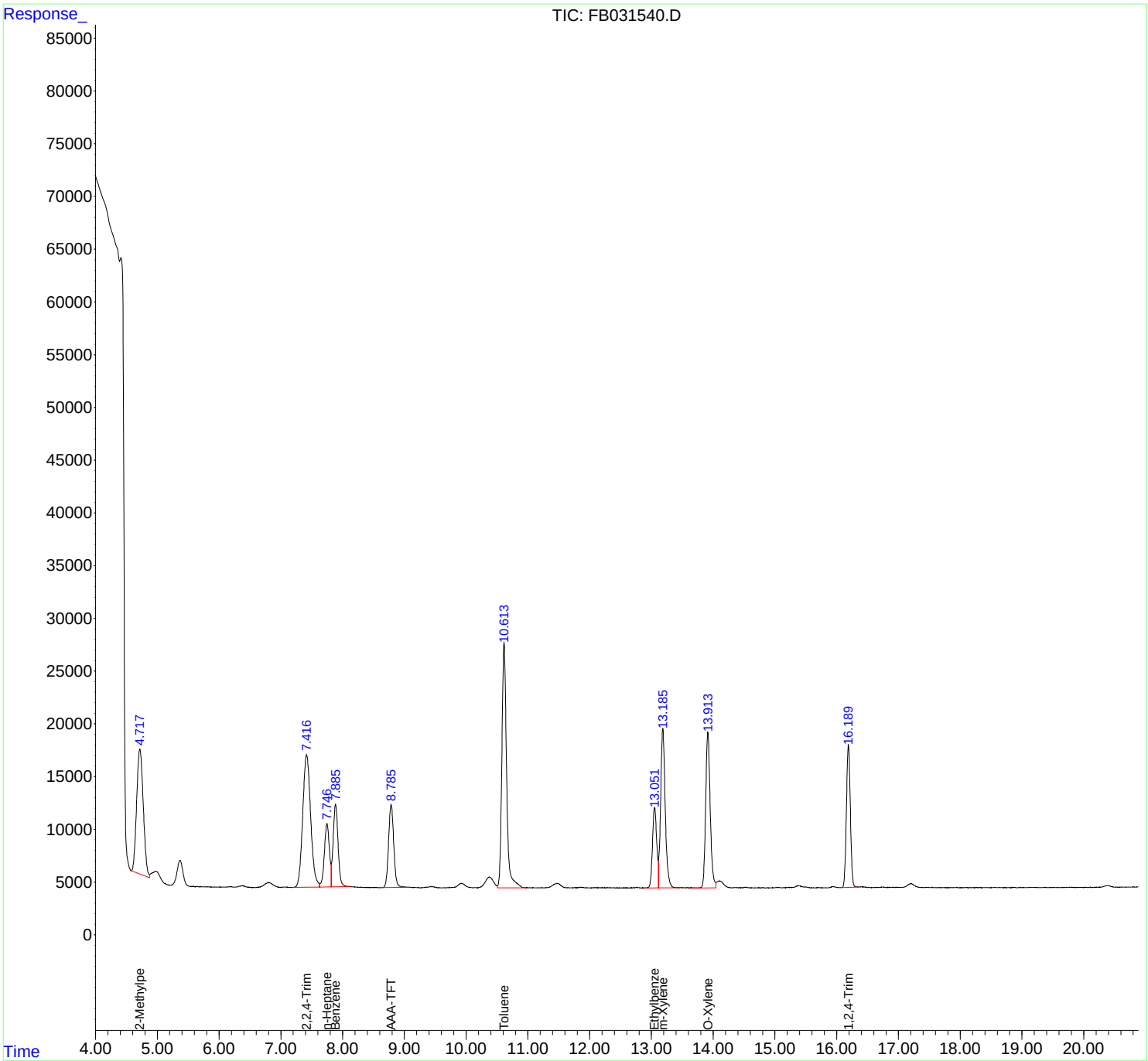
(f)=RT Delta > 1/2 Window (m)=manual int.

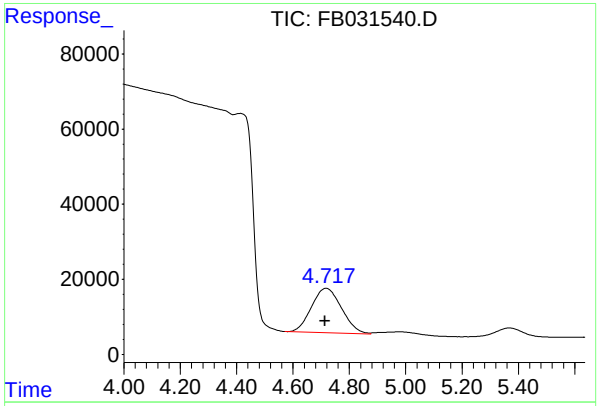
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031540.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 9:17
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Mar 05 02:06:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

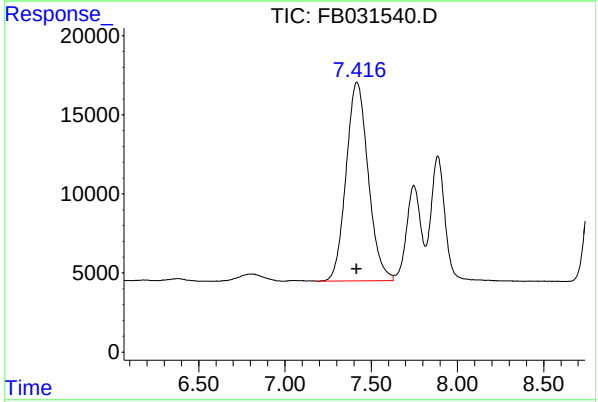




#1 2-Methylpentane

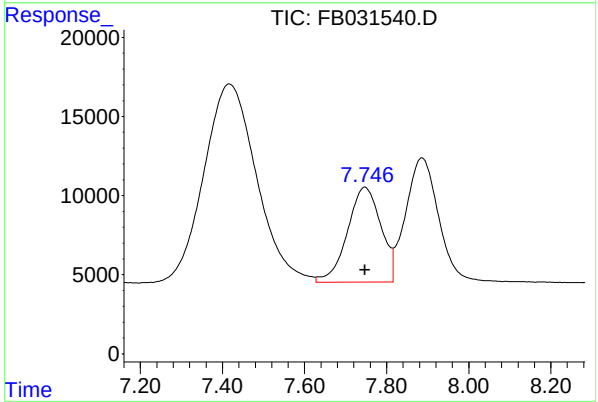
R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 881045
Conc: 27.58 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



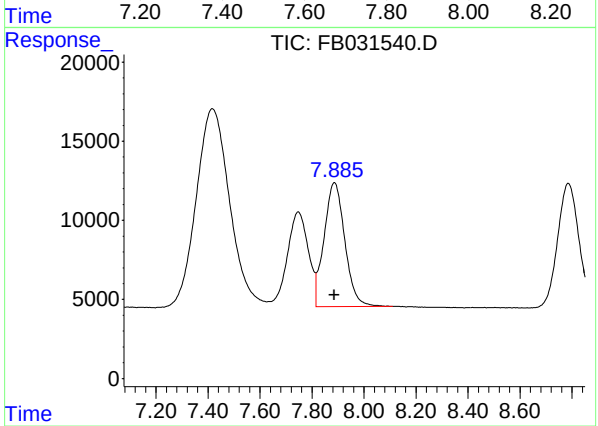
#2 2,2,4-Trimethylpentane

R.T.: 7.417 min
Delta R.T.: 0.001 min
Response: 1118009
Conc: 28.73 ng/ml



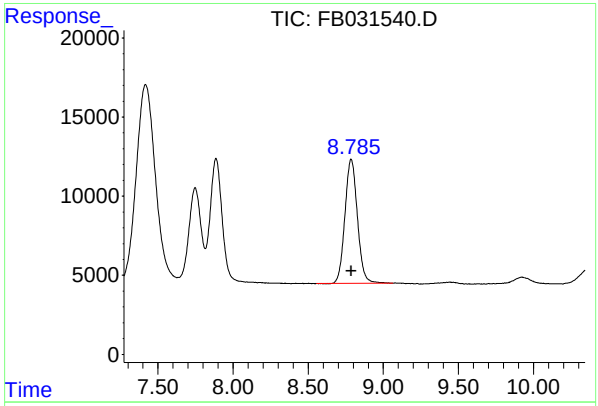
#3 n-Heptane

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 340050
Conc: 9.87 ng/ml



#4 Benzene

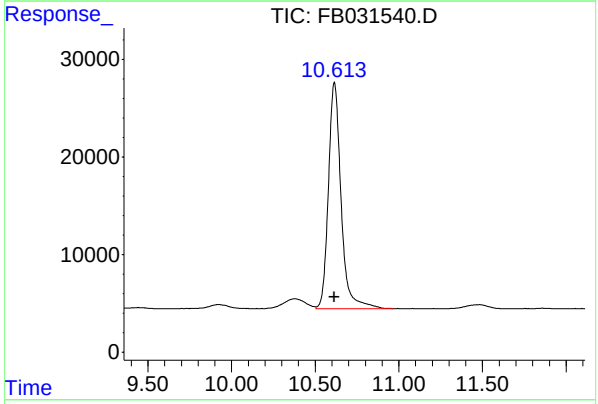
R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 435770
Conc: 9.82 ng/ml



#5 AAA-TFT

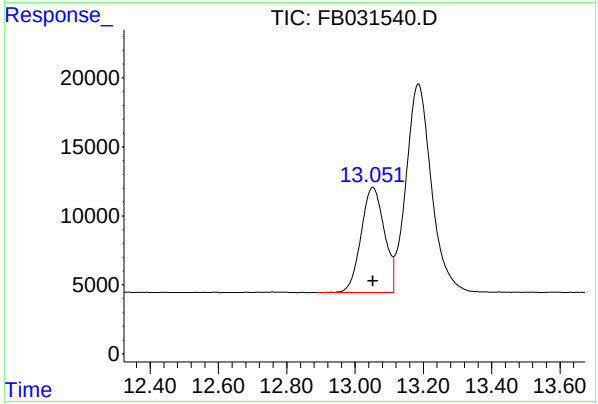
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 454088
Conc: 19.32 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



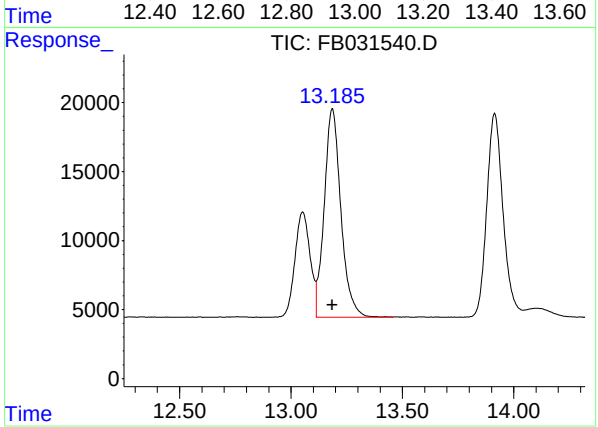
#6 Toluene

R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 1225175
Conc: 29.83 ng/ml



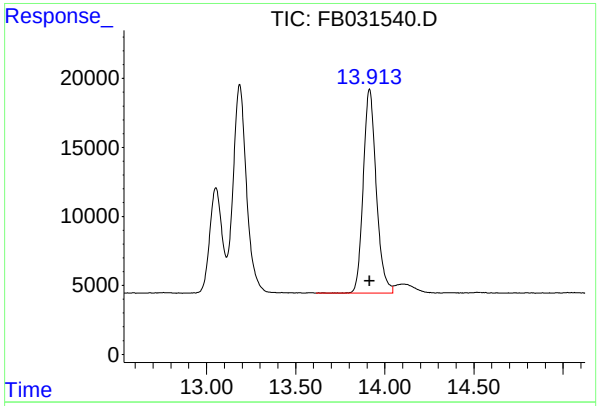
#7 Ethylbenzene

R.T.: 13.052 min
Delta R.T.: 0.000 min
Response: 360379
Conc: 9.93 ng/ml



#8 m-Xylene

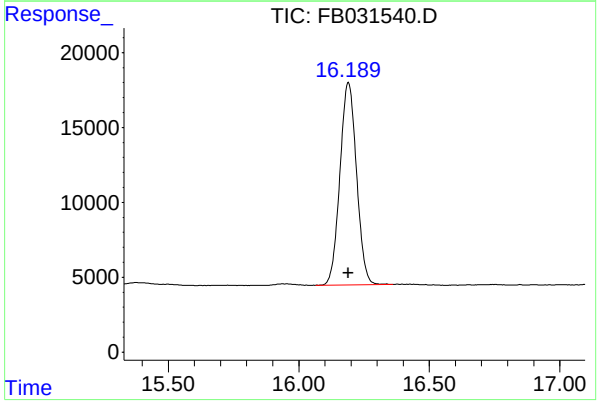
R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 786158
Conc: 20.01 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: 0.000 min
Response: 752726
Conc: 20.12 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 597310
Conc: 20.16 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031540.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 9:17
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.516	4.887	BV	11169	740011	60.35%	10.716%
2	7.418	7.177	7.626	BV	12564	1124402	91.69%	16.282%
3	7.748	7.626	7.813	VV	6053	343051	27.98%	4.968%
4	7.887	7.813	8.391	VB	7913	456564	37.23%	6.611%
5	8.786	8.491	9.259	BV	7862	463861	37.83%	6.717%
6	10.616	10.506	11.052	VB	23144	1226262	100.00%	17.757%
7	13.053	12.777	13.109	BV	7583	352041	28.71%	5.098%
8	13.186	13.109	13.456	VB	15061	790767	64.49%	11.451%
9	13.915	13.646	14.314	BB	14746	799254	65.18%	11.574%
10	16.191	16.050	16.563	VB	13522	609391	49.70%	8.825%

Sum of corrected areas: 6905606

FB021125.M Wed Mar 05 03:21:19 2025

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031549.D Analyst Name: YP/AJ Analyst Date: 03-04-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6568043	36489	36867	1.025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031549.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:57
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Mar 05 02:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	423539	18.016	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	887928	27.797	ng/ml
2) t	2,2,4-Trimethylpentane	7.421	1149423	29.541	ng/ml
3) t	n-Heptane	7.752	348168	10.108	ng/ml
4) t	Benzene	7.892	457323	10.301	ng/ml
6) t	Toluene	10.620	1252724	30.497	ng/ml
7) t	Ethylbenzene	13.058	361985	9.970	ng/ml
8) t	m-Xylene	13.191	789753	20.099	ng/ml
9) t	O-Xylene	13.920	753706	20.151	ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	567033	19.135	ng/ml

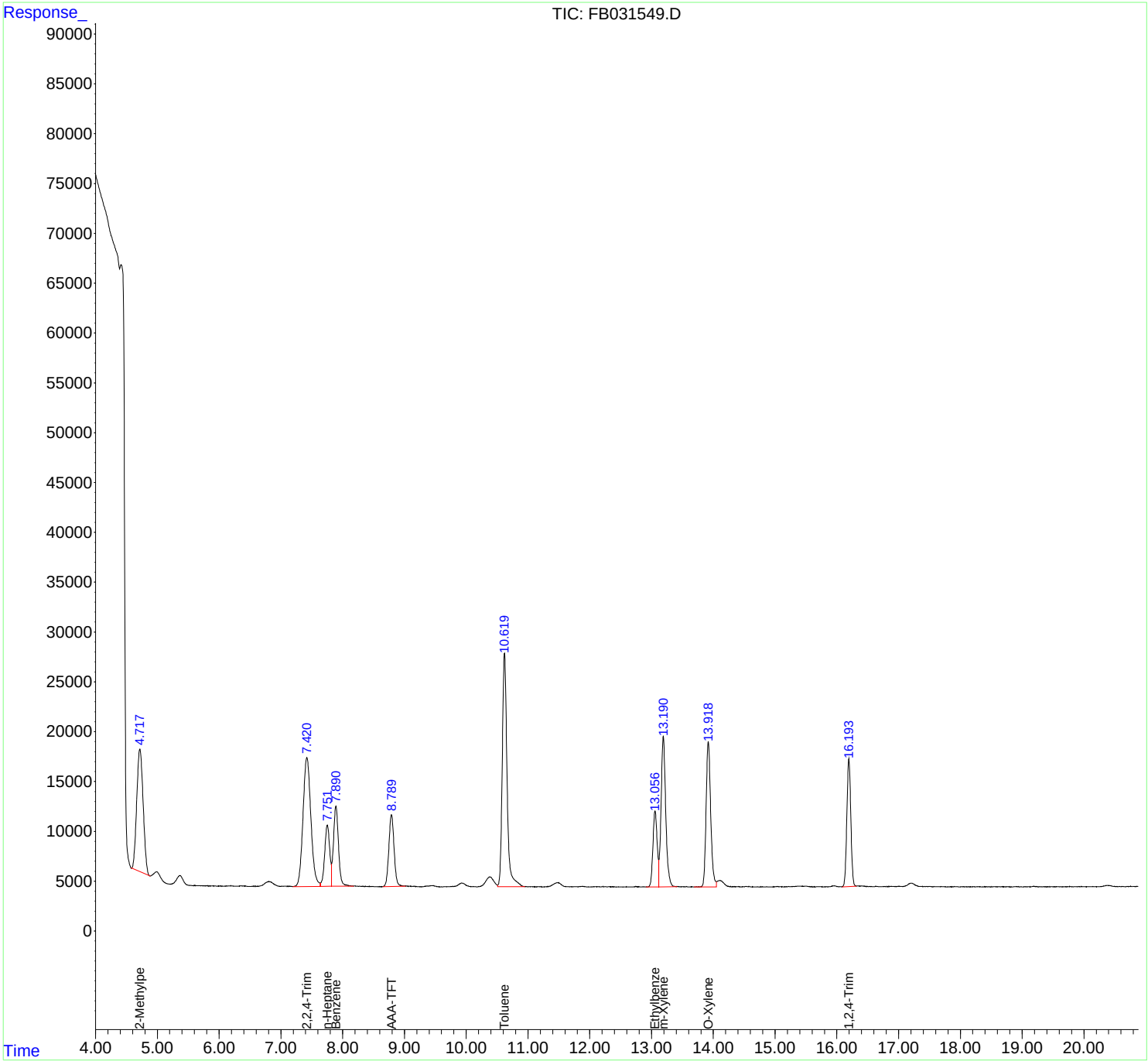
(f)=RT Delta > 1/2 Window (m)=manual int.

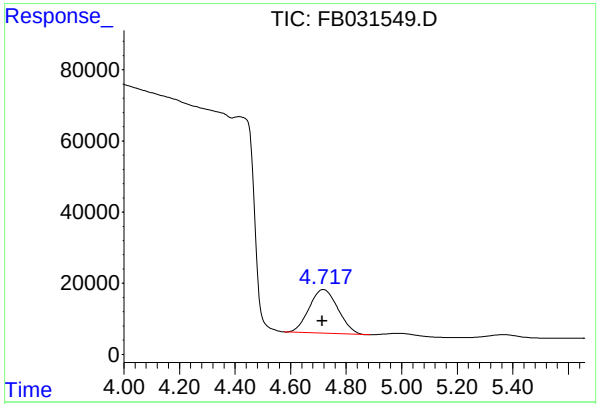
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031549.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:57
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Mar 05 02:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

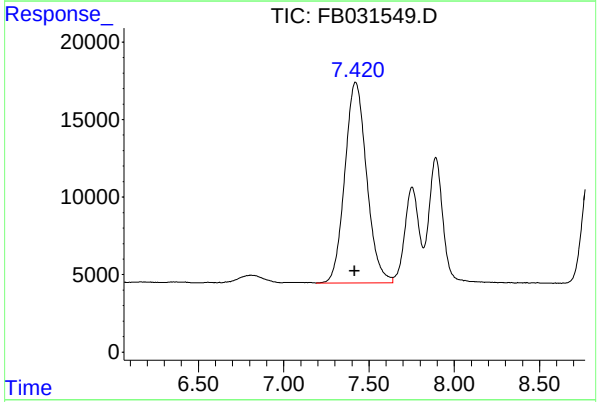




#1 2-Methylpentane

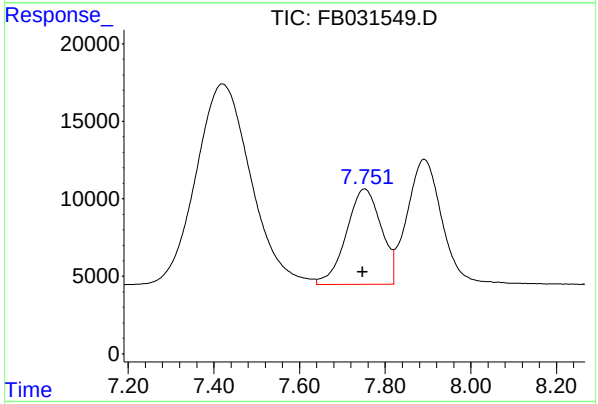
R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 887928
Conc: 27.80 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



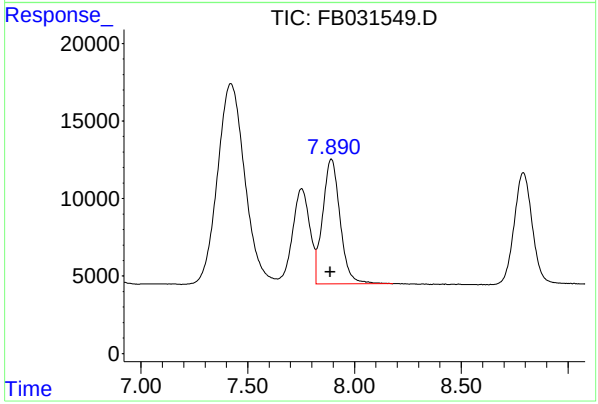
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min
Delta R.T.: 0.005 min
Response: 1149423
Conc: 29.54 ng/ml



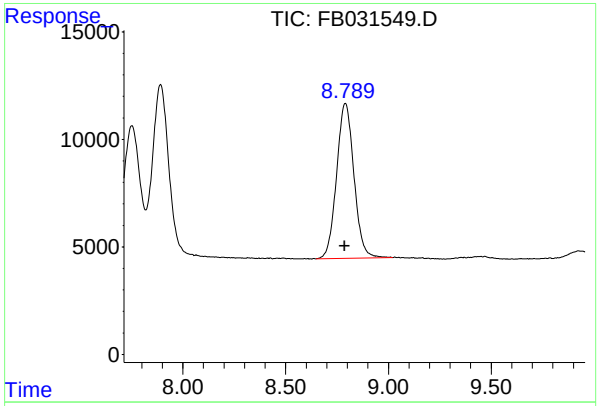
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: 0.005 min
Response: 348168
Conc: 10.11 ng/ml



#4 Benzene

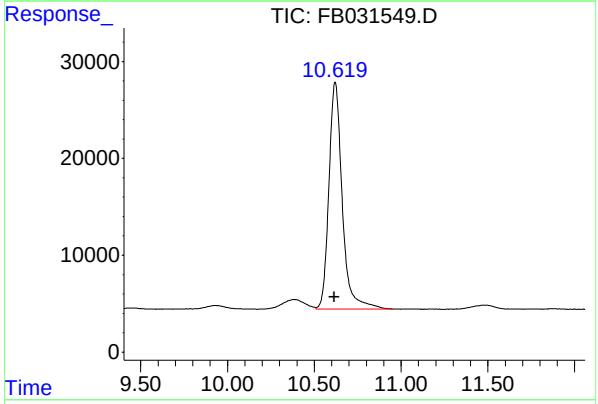
R.T.: 7.892 min
Delta R.T.: 0.006 min
Response: 457323
Conc: 10.30 ng/ml



#5 AAA-TFT

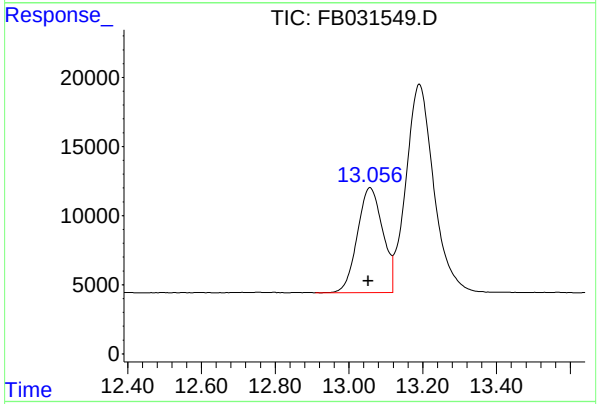
R.T.: 8.791 min
Delta R.T.: 0.005 min
Response: 423539
Conc: 18.02 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



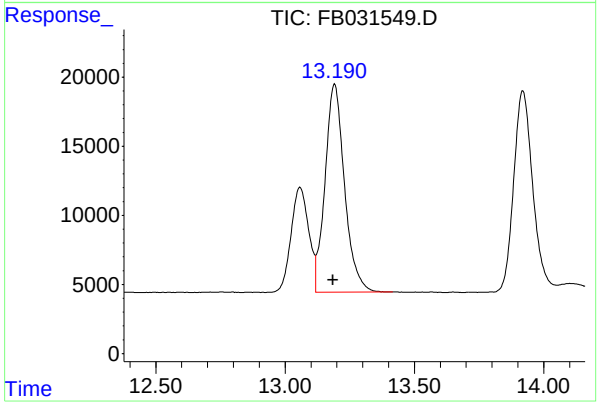
#6 Toluene

R.T.: 10.620 min
Delta R.T.: 0.005 min
Response: 1252724
Conc: 30.50 ng/ml



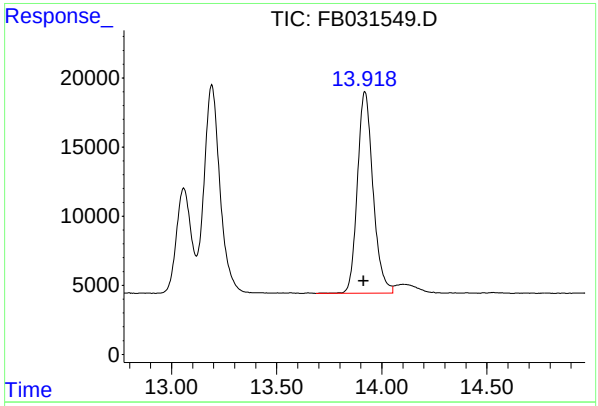
#7 Ethylbenzene

R.T.: 13.058 min
Delta R.T.: 0.005 min
Response: 361985
Conc: 9.97 ng/ml



#8 m-Xylene

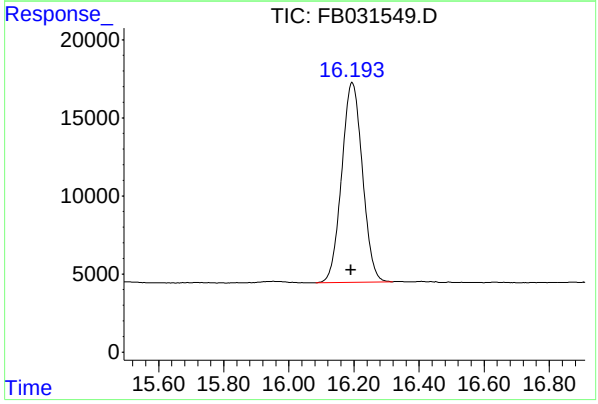
R.T.: 13.191 min
Delta R.T.: 0.005 min
Response: 789753
Conc: 20.10 ng/ml



#9 O-Xylene

R.T.: 13.920 min
Delta R.T.: 0.005 min
Response: 753706
Conc: 20.15 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.195 min
Delta R.T.: 0.005 min
Response: 567033
Conc: 19.13 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031549.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 14:57
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.576	4.887	BV	12316	887928	70.88%	12.700%
2	7.421	7.189	7.640	PV	12947	1149423	91.75%	16.440%
3	7.752	7.640	7.820	VV	6156	348168	27.79%	4.980%
4	7.892	7.820	8.181	VV	8062	457323	36.51%	6.541%
5	8.791	8.647	9.021	PV	7211	423539	33.81%	6.058%
6	10.620	10.509	10.953	VV	23423	1252724	100.00%	17.918%
7	13.058	12.909	13.118	BV	7616	361985	28.90%	5.177%
8	13.191	13.118	13.416	VV	15082	789753	63.04%	11.296%
9	13.920	13.686	14.052	PV	14602	753706	60.17%	10.780%
10	16.195	16.082	16.319	PV	12804	567033	45.26%	8.110%

Sum of corrected areas: 6991581

FB021125.M Wed Mar 05 02:50:37 2025

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

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: JACO05

ProjectID: Former Schlumberger STC PTC Site # D3868221

Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

DataFile: FB031555.D Analyst Name: YP/AJ Analyst Date: 03-04-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6803391	37797	36867	2.523

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031555.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 18:27
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Mar 05 02:09:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	407465	17.332 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.718	942069	29.491 ng/ml
2) t	2,2,4-Trimethylpentane	7.422	1192792	30.655 ng/ml
3) t	n-Heptane	7.753	355804	10.330 ng/ml
4) t	Benzene	7.892	474077	10.678 ng/ml
6) t	Toluene	10.621	1287280	31.338 ng/ml
7) t	Ethylbenzene	13.058	372746	10.267 ng/ml
8) t	m-Xylene	13.191	816318	20.775 ng/ml
9) t	O-Xylene	13.919	778667	20.818 ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	583638	19.695 ng/ml

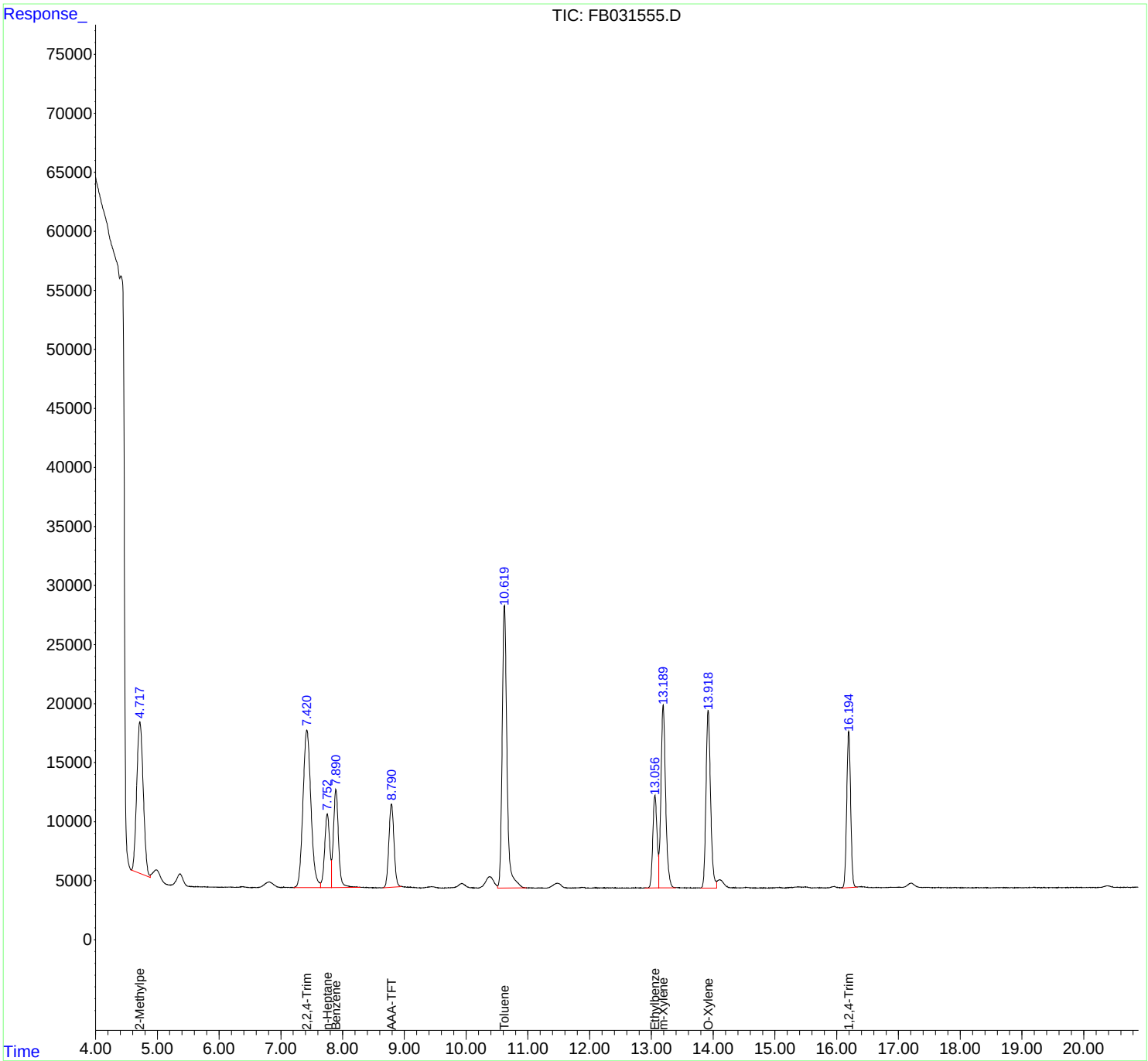
(f)=RT Delta > 1/2 Window (m)=manual int.

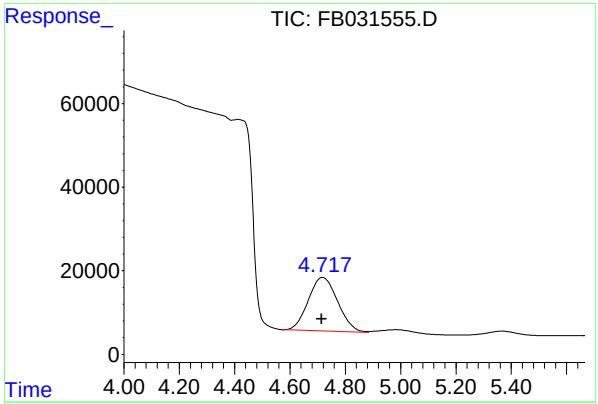
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031555.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 18:27
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Mar 05 02:09:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

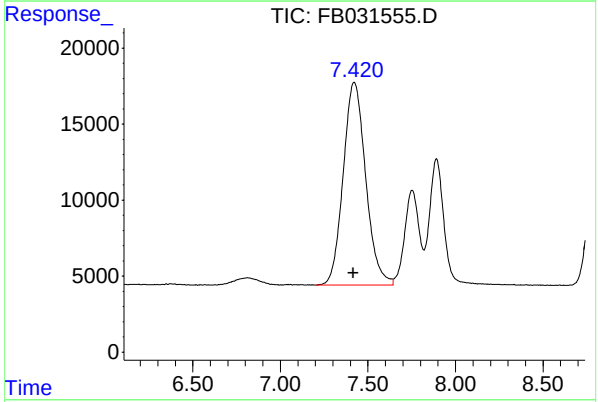




#1 2-Methylpentane

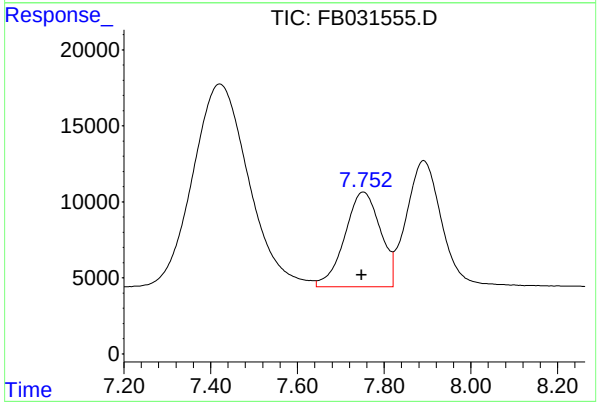
R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 942069
Conc: 29.49 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



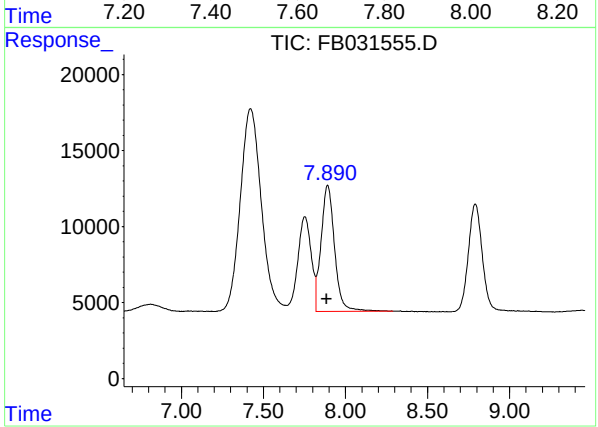
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min
Delta R.T.: 0.005 min
Response: 1192792
Conc: 30.66 ng/ml



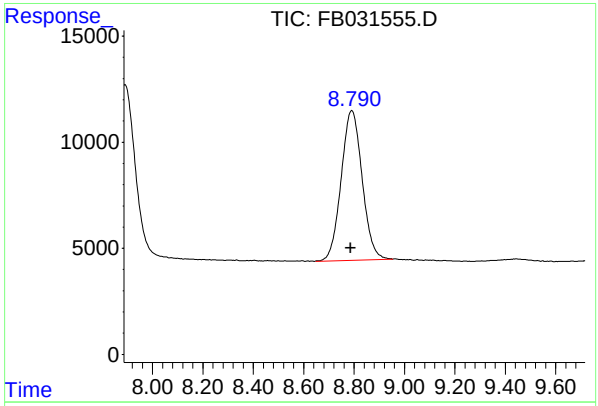
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.005 min
Response: 355804
Conc: 10.33 ng/ml



#4 Benzene

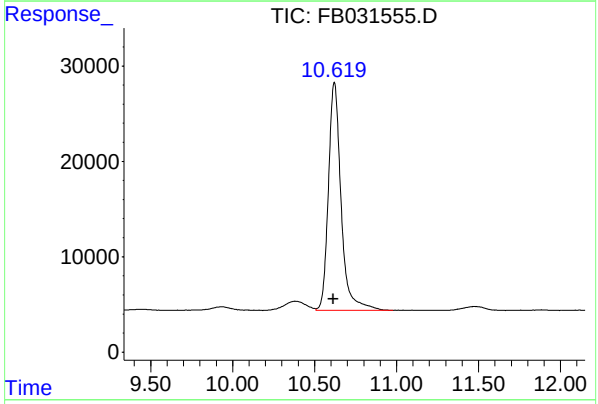
R.T.: 7.892 min
Delta R.T.: 0.006 min
Response: 474077
Conc: 10.68 ng/ml



#5 AAA-TFT

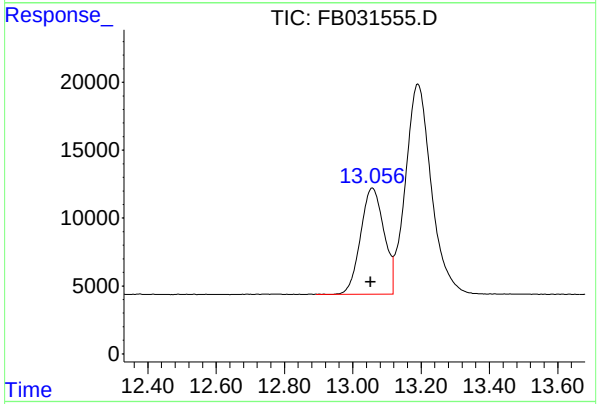
R.T.: 8.791 min
Delta R.T.: 0.005 min
Response: 407465
Conc: 17.33 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



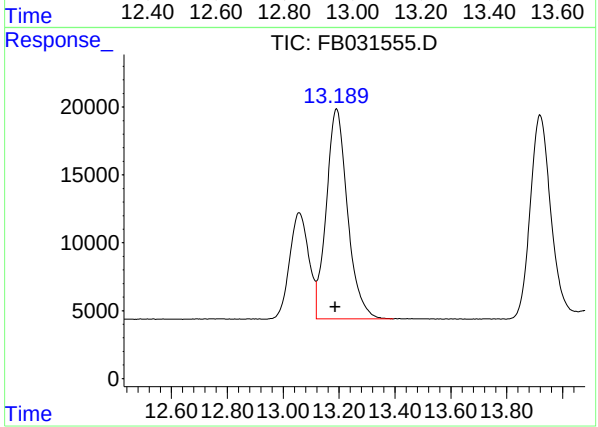
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.005 min
Response: 1287280
Conc: 31.34 ng/ml



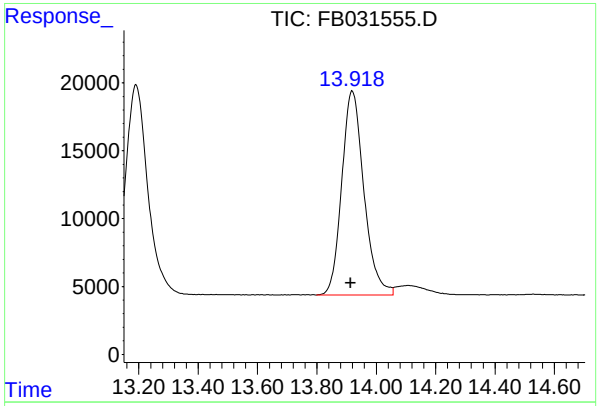
#7 Ethylbenzene

R.T.: 13.058 min
Delta R.T.: 0.005 min
Response: 372746
Conc: 10.27 ng/ml



#8 m-Xylene

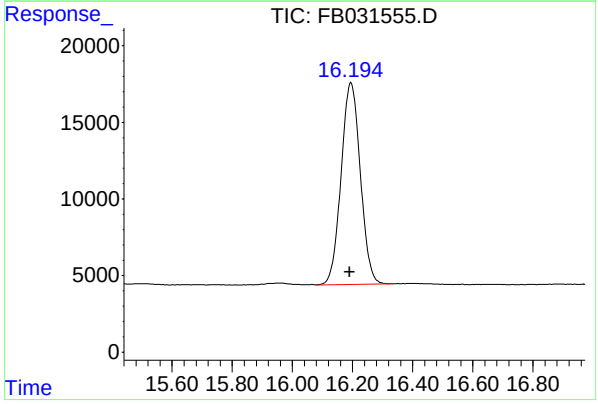
R.T.: 13.191 min
Delta R.T.: 0.005 min
Response: 816318
Conc: 20.77 ng/ml



#9 O-Xylene

R.T.: 13.919 min
Delta R.T.: 0.005 min
Response: 778667
Conc: 20.82 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.195 min
Delta R.T.: 0.005 min
Response: 583638
Conc: 19.69 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031555.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 18:27
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.571	4.884	BV	12835	942069	73.18%	13.065%
2	7.422	7.204	7.643	BV	13351	1192792	92.66%	16.542%
3	7.753	7.643	7.821	VV	6233	355804	27.64%	4.934%
4	7.892	7.821	8.289	VV	8294	474077	36.83%	6.574%
5	8.791	8.648	8.954	BV	7053	407465	31.65%	5.651%
6	10.621	10.508	10.978	VV	23927	1287280	100.00%	17.852%
7	13.058	12.893	13.118	BV	7833	372746	28.96%	5.169%
8	13.191	13.118	13.394	VV	15482	816318	63.41%	11.321%
9	13.919	13.797	14.057	PV	15039	778667	60.49%	10.799%
10	16.195	16.080	16.336	PV	13191	583638	45.34%	8.094%

Sum of corrected areas: 7210857

FB021125.M Wed Mar 05 02:51:45 2025

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

Analytical Sequence

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q1478

Project: Former Schlumberger STC PTC Site # D3868221 **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 **8.786**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	3 Mar 2025 10:24	FB031524.D	8.787	
VBF0303S2	VBF0303S2	3 Mar 2025 11:34	FB031526.D	8.791	
BSF0303S1	BSF0303S1	3 Mar 2025 12:02	FB031527.D	8.791	
BSF0303S2	BSF0303S2	3 Mar 2025 16:43	FB031533.D	8.790	
20 PPB GRO STD	20 PPB GRO STD	3 Mar 2025 17:38	FB031534.D	8.789	
IDW-SO-DRUM-582-022825	Q1478-16	3 Mar 2025 19:02	FB031537.D	8.788	
20 PPB GRO STD	20 PPB GRO STD	3 Mar 2025 19:57	FB031539.D	8.790	
20 PPB GRO STD	20 PPB GRO STD	4 Mar 2025 9:17	FB031540.D	8.786	
VBF0304W1	VBF0304W1	4 Mar 2025 11:14	FB031541.D	8.786	
BSF0304W1	BSF0304W1	4 Mar 2025 11:42	FB031542.D	8.789	
BSF0304W2	BSF0304W2	4 Mar 2025 12:10	FB031543.D	8.790	
IDW-AQ-DRUM-616-022825	Q1478-04	4 Mar 2025 13:06	FB031545.D	8.747	
IDW-AQ-DRUM-614-022825	Q1478-06	4 Mar 2025 13:34	FB031546.D	8.746	
IDW-AQ-DRUM-612-022825	Q1478-08	4 Mar 2025 14:02	FB031547.D	8.743	
20 PPB GRO STD	20 PPB GRO STD	4 Mar 2025 14:57	FB031549.D	8.791	
IDW-AQ-DRUM-616-022825RE	Q1478-04RE	4 Mar 2025 16:07	FB031550.D	8.748	
IDW-AQ-DRUM-614-022825RE	Q1478-06RE	4 Mar 2025 16:35	FB031551.D	8.742	
IDW-AQ-DRUM-612-022825RE	Q1478-08RE	4 Mar 2025 17:03	FB031552.D	8.744	
IDW-AQ-DRUM-610-022825	Q1478-02	4 Mar 2025 17:30	FB031553.D	8.741	
20 PPB GRO STD	20 PPB GRO STD	4 Mar 2025 18:27	FB031555.D	8.791	

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

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.686	8.886

QC SAMPLE DATA

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	VBF0303S2	SDG No.:	Q1478
Lab Sample ID:	VBF0303S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031526.D	50	03/03/25 11:34	FB030325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	386	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.4		50 - 150	102%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031526.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 11:34
Operator : YP/AJ
Sample : VBF0303S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0303S2

Integration File: SAMPLE.e
Quant Time: Mar 04 00:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	479761	20.407 ng/ml
	Target Compounds			

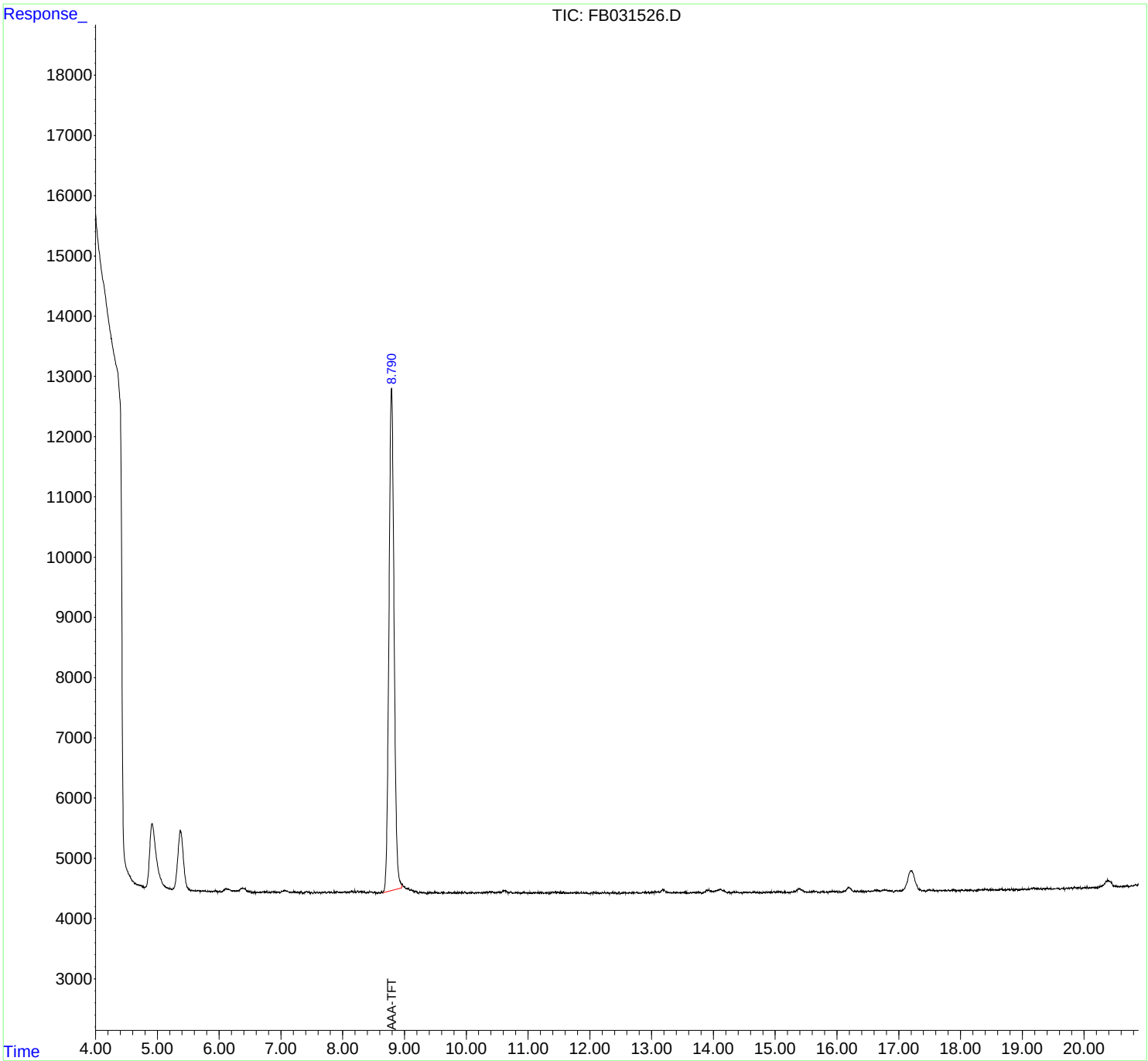
(f)=RT Delta > 1/2 Window (m)=manual int.

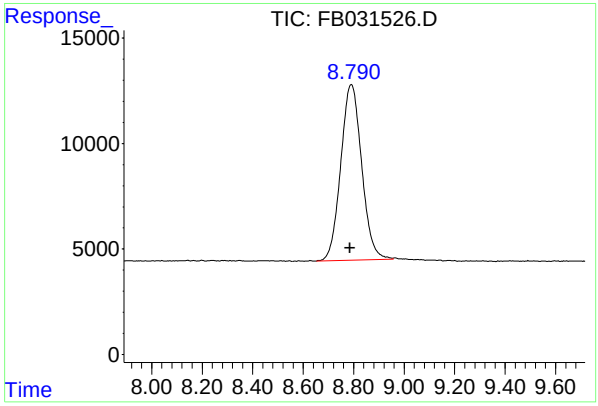
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031526.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 11:34
Operator : YP/AJ
Sample : VBF0303S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0303S2

Integration File: SAMPLE.e
Quant Time: Mar 04 00:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.791 min
Delta R.T.: 0.005 mi
Response: 479761
Conc: 20.41 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0303S2

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031526.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 11:34
Sample : VBF0303S2 50X
Misc : 5.00G/5.00 ML MEOH
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.791	8.651	8.956	PV	8334	479761	100.00%	100.000%
			Sum of corrected areas:			479761		

FB021125.M Tue Mar 04 01:03:31 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	VBF0304W1	SDG No.:	Q1478
Lab Sample ID:	VBF0304W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031541.D	1	03/04/25 11:14	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	6.00	U	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.8		50 - 150	84%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031541.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:14
Operator : YP/AJ
Sample : VBF0304W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0304W1

Integration File: Calibration.e
Quant Time: Mar 05 02:06:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.786	394351	16.774 ng/ml
Target Compounds			

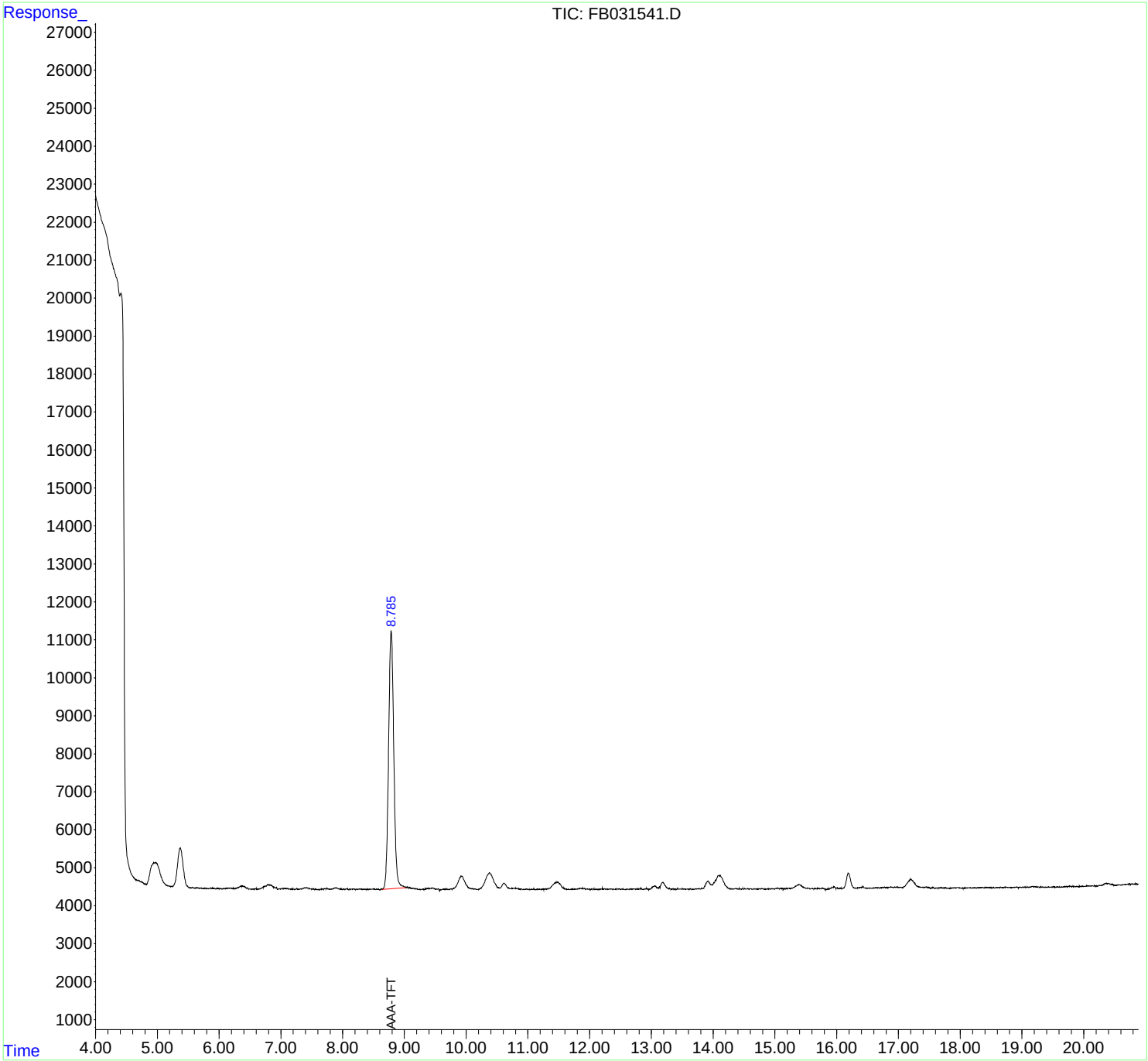
(f)=RT Delta > 1/2 Window (m)=manual int.

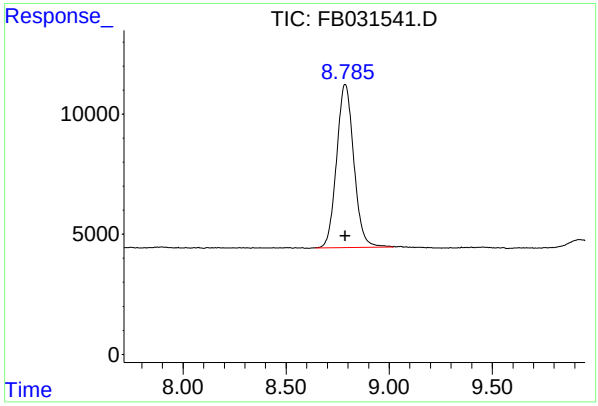
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031541.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:14
Operator : YP/AJ
Sample : VBF0304W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0304W1

Integration File: Calibration.e
Quant Time: Mar 05 02:06:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.786 min
Delta R.T.: 0.000 mi
Response: 394351
Conc: 16.77 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0304W1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031541.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:14
Sample : VBF0304W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.786	8.645	9.018	BV	6791	394351	100.00%	100.000%
			Sum of corrected areas:			394351		

FB021125.M Wed Mar 05 02:48:09 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	BSF0303S1	SDG No.:	Q1478
Lab Sample ID:	BSF0303S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031527.D	1	03/03/25 12:02	FB030325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	160		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.5		50 - 150	107%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031527.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 12:02
Operator : YP/AJ
Sample : BSF0303S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0303S1

Integration File: SAMPLE.e
Quant Time: Mar 04 00:18:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	504773	21.471 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.722	749742	23.471 ng/ml
2) t	2,2,4-Trimethylpentane	7.422	981150	25.216 ng/ml
3) t	n-Heptane	7.753	290497	8.434 ng/ml
4) t	Benzene	7.893	406179	9.149 ng/ml
6) t	Toluene	10.619	1147791	27.942 ng/ml
7) t	Ethylbenzene	13.057	338939	9.336 ng/ml
8) t	m-Xylene	13.190	742697	18.901 ng/ml
9) t	O-Xylene	13.918	706790	18.896 ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	547036	18.460 ng/ml

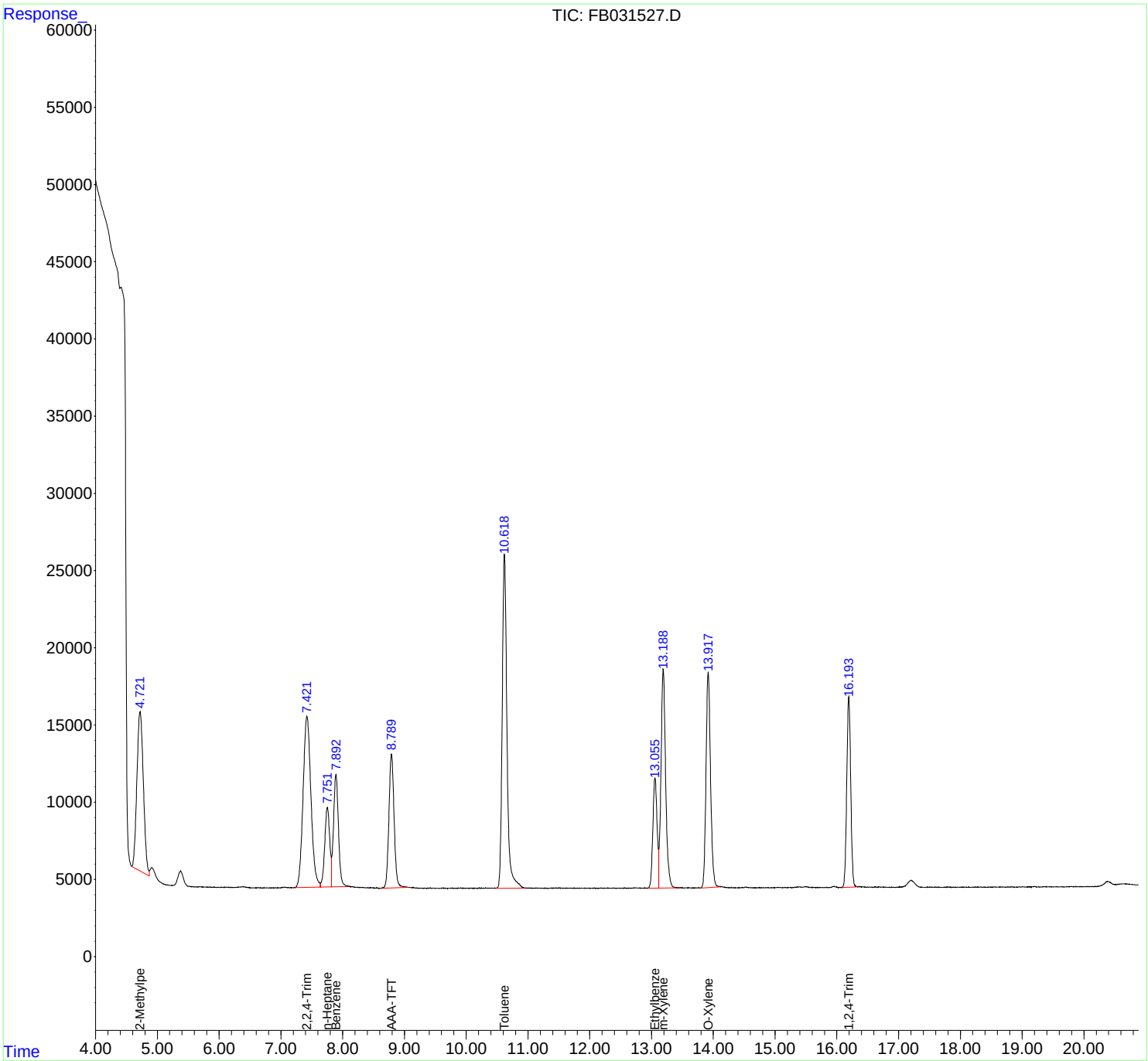
(f)=RT Delta > 1/2 Window (m)=manual int.

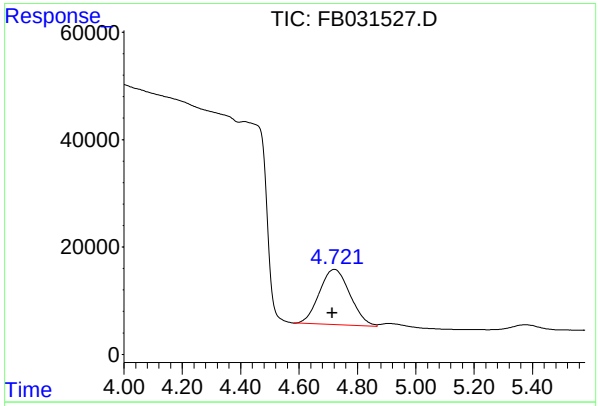
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031527.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 12:02
Operator : YP/AJ
Sample : BSF0303S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0303S1

Integration File: SAMPLE.e
Quant Time: Mar 04 00:18:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

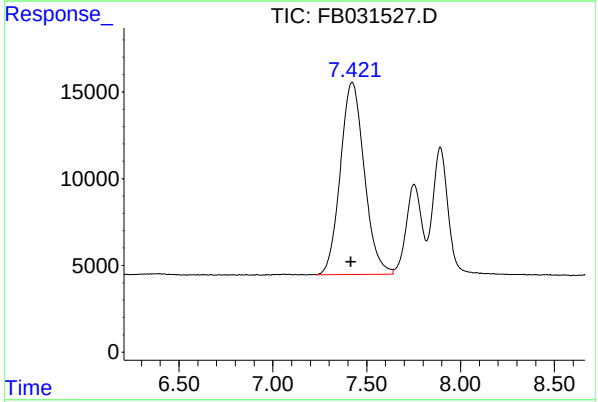




#1 2-Methylpentane

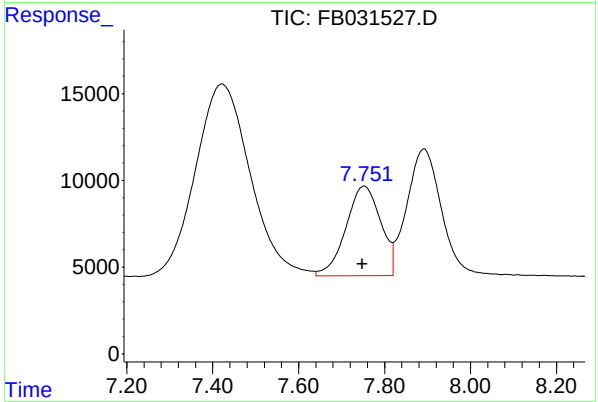
R.T.: 4.722 min
Delta R.T.: 0.008 min
Response: 749742
Conc: 23.47 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0303S1



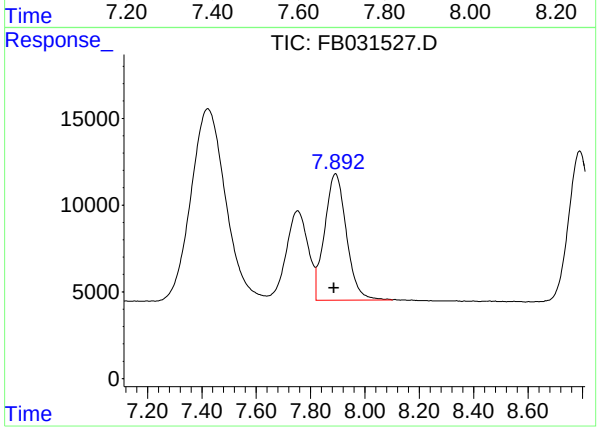
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min
Delta R.T.: 0.006 min
Response: 981150
Conc: 25.22 ng/ml



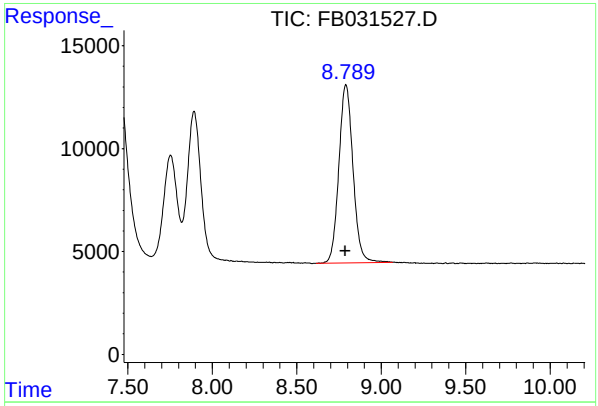
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.005 min
Response: 290497
Conc: 8.43 ng/ml



#4 Benzene

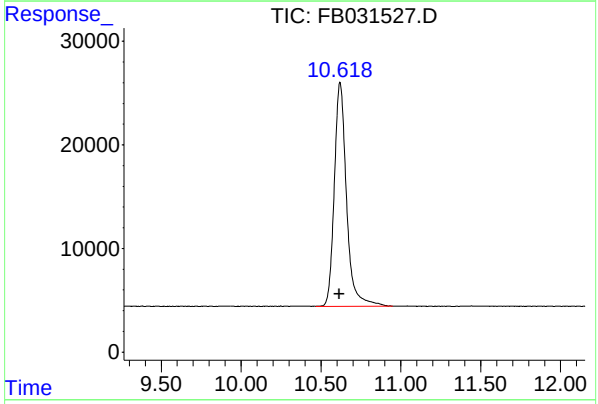
R.T.: 7.893 min
Delta R.T.: 0.007 min
Response: 406179
Conc: 9.15 ng/ml



#5 AAA-TFT

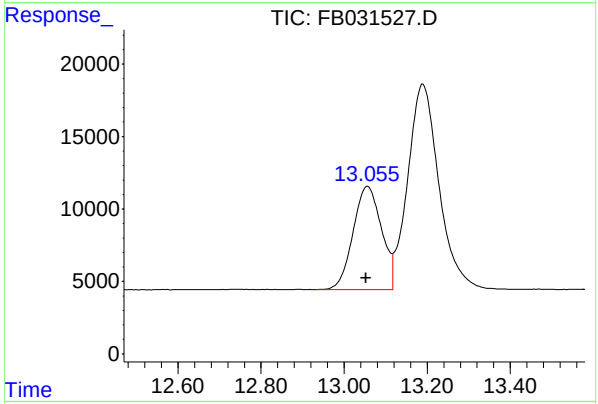
R.T.: 8.791 min
Delta R.T.: 0.004 min
Response: 504773
Conc: 21.47 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0303S1



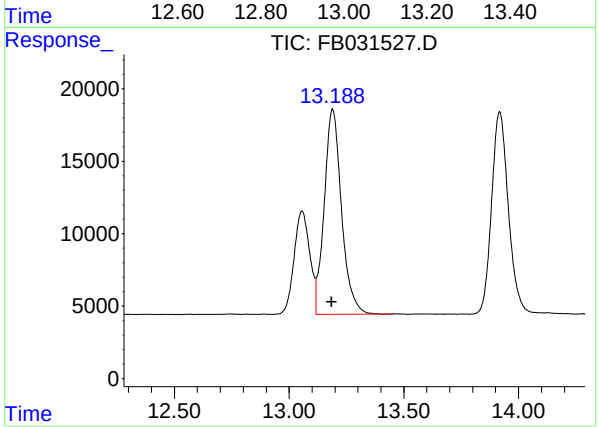
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.004 min
Response: 1147791
Conc: 27.94 ng/ml



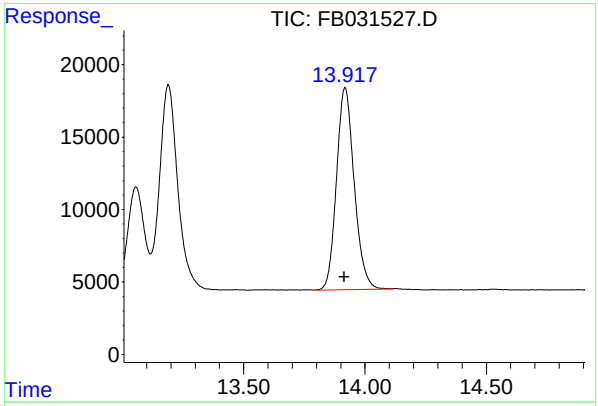
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.004 min
Response: 338939
Conc: 9.34 ng/ml



#8 m-Xylene

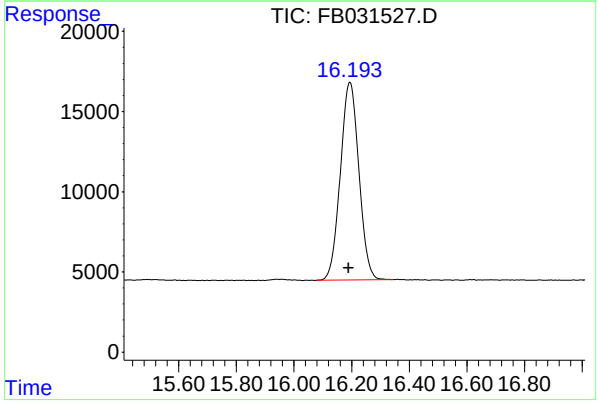
R.T.: 13.190 min
Delta R.T.: 0.004 min
Response: 742697
Conc: 18.90 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: 0.004 min
Response: 706790
Conc: 18.90 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0303S1



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.004 min
Response: 547036
Conc: 18.46 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031527.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 12:02
Sample : BSF0303S1
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\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.722	4.582	4.868	BV	10310	749742	65.32%	11.686%
2	7.422	7.230	7.641	PV	11086	981150	85.48%	15.293%
3	7.753	7.641	7.820	VV	5175	290497	25.31%	4.528%
4	7.893	7.820	8.103	VV	7301	406179	35.39%	6.331%
5	8.791	8.613	9.068	PV	8672	504773	43.98%	7.868%
6	10.619	10.468	10.950	PV	21637	1147791	100.00%	17.891%
7	13.057	12.931	13.117	PV	7144	338939	29.53%	5.283%
8	13.190	13.117	13.452	VV	14200	742697	64.71%	11.576%
9	13.918	13.797	14.115	BV	13964	706790	61.58%	11.017%
10	16.194	16.077	16.344	PV	12333	547036	47.66%	8.527%

Sum of corrected areas: 6415595

FB021125.M Tue Mar 04 01:03:57 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	BSF0304W1	SDG No.:	Q1478
Lab Sample ID:	BSF0304W1	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031542.D	1	03/04/25 11:42	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	176		6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.6		50 - 150	93%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031542.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:42
Operator : YP/AJ
Sample : BSF0304W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0304W1

Integration File: Calibration.e
Quant Time: Mar 05 02:06:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	438228	18.641	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.716	922252	28.871	ng/ml
2) t	2,2,4-Trimethylpentane	7.419	1128241	28.996	ng/ml
3) t	n-Heptane	7.750	346438	10.058	ng/ml
4) t	Benzene	7.889	440677	9.926	ng/ml
6) t	Toluene	10.618	1226538	29.859	ng/ml
7) t	Ethylbenzene	13.055	352431	9.707	ng/ml
8) t	m-Xylene	13.189	770464	19.608	ng/ml
9) t	O-Xylene	13.917	734943	19.649	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	552414	18.641	ng/ml

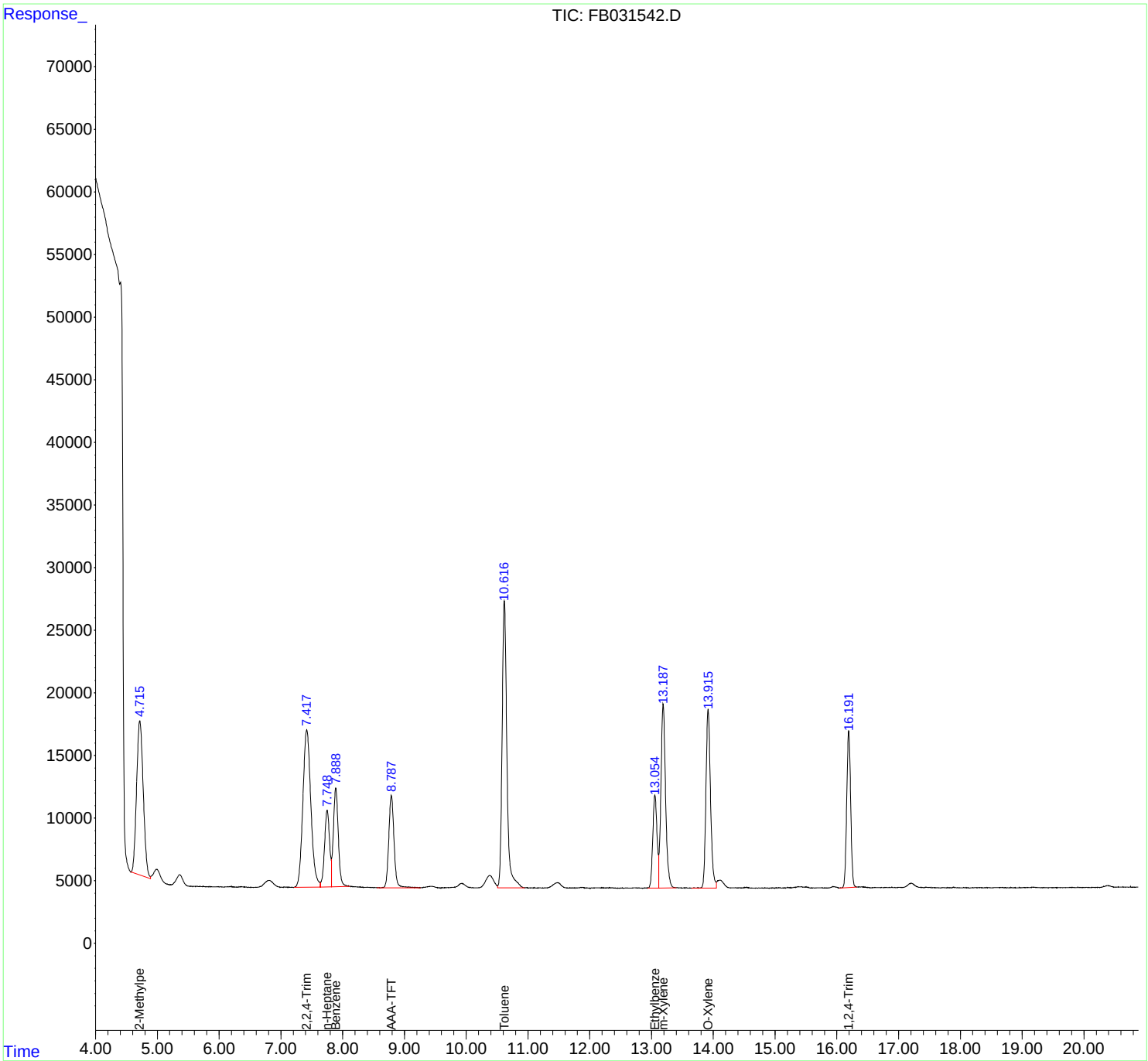
(f)=RT Delta > 1/2 Window (m)=manual int.

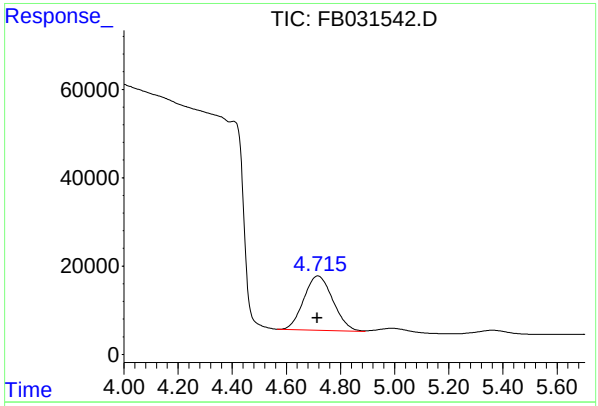
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031542.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:42
Operator : YP/AJ
Sample : BSF0304W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0304W1

Integration File: Calibration.e
Quant Time: Mar 05 02:06:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

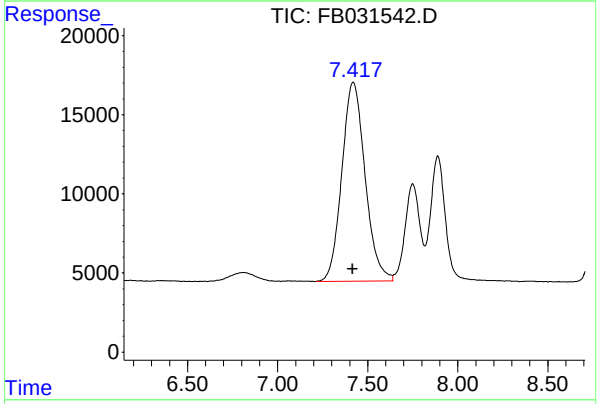




#1 2-Methylpentane

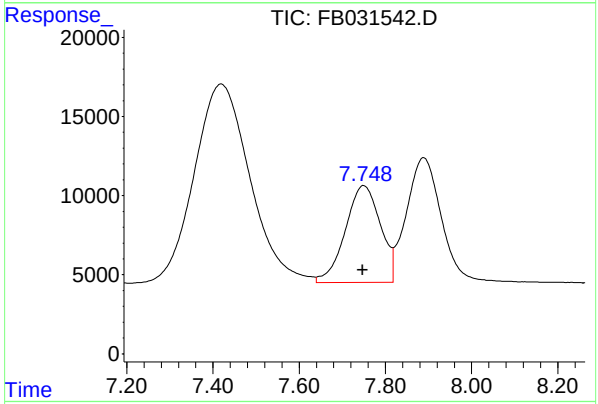
R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 922252
Conc: 28.87 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W1



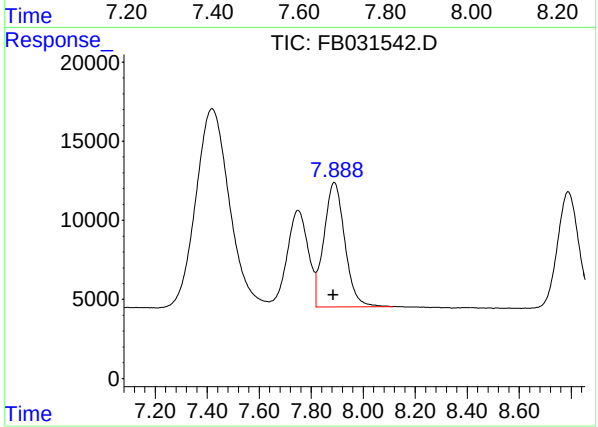
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min
Delta R.T.: 0.003 min
Response: 1128241
Conc: 29.00 ng/ml



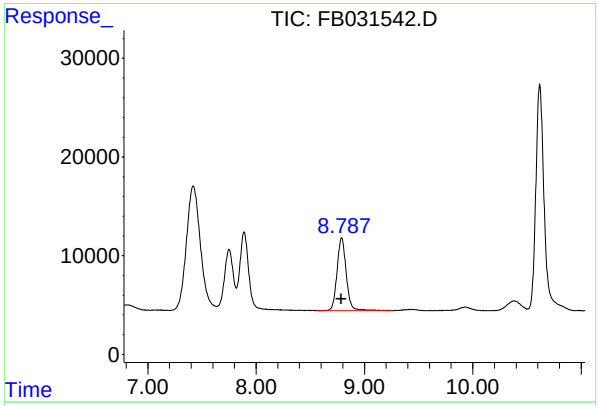
#3 n-Heptane

R.T.: 7.750 min
Delta R.T.: 0.002 min
Response: 346438
Conc: 10.06 ng/ml



#4 Benzene

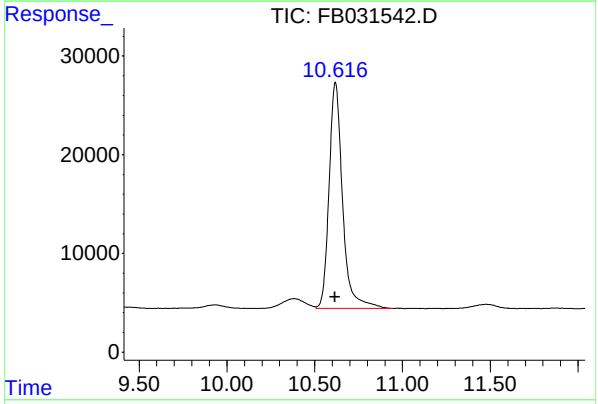
R.T.: 7.889 min
Delta R.T.: 0.003 min
Response: 440677
Conc: 9.93 ng/ml



#5 AAA-TFT

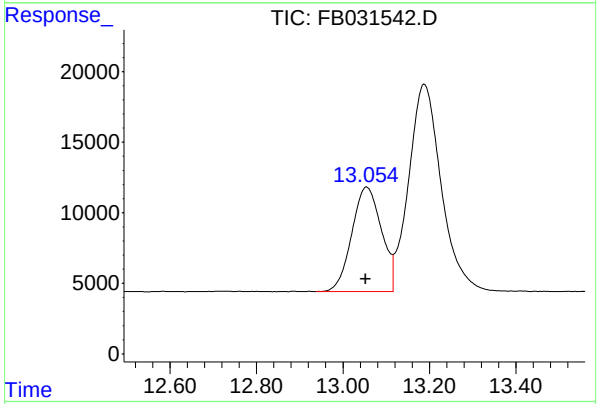
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 438228
Conc: 18.64 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W1



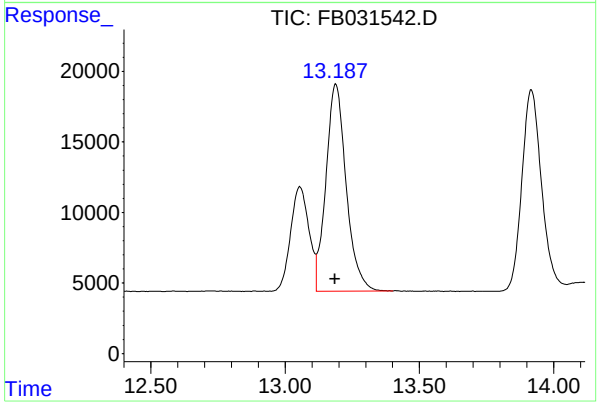
#6 Toluene

R.T.: 10.618 min
Delta R.T.: 0.003 min
Response: 1226538
Conc: 29.86 ng/ml



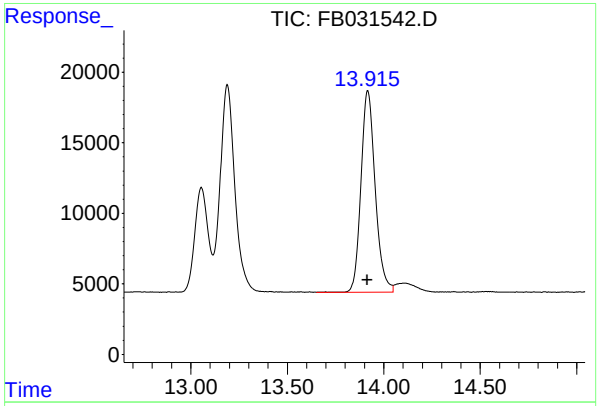
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: 0.003 min
Response: 352431
Conc: 9.71 ng/ml



#8 m-Xylene

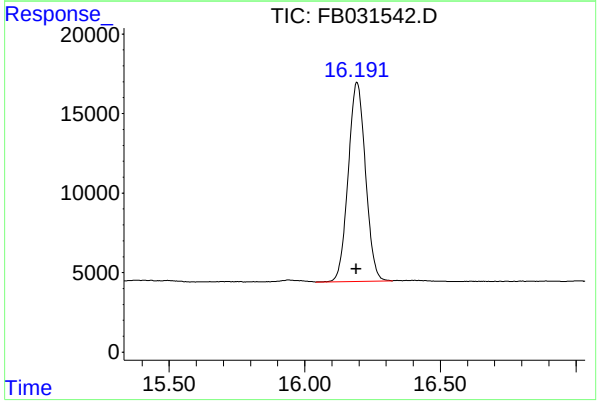
R.T.: 13.189 min
Delta R.T.: 0.003 min
Response: 770464
Conc: 19.61 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.003 min
Response: 734943
Conc: 19.65 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W1



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.003 min
Response: 552414
Conc: 18.64 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031542.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 11:42
Sample : BSF0304W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.565	4.890	BV	12323	922252	75.19%	13.342%
2	7.419	7.212	7.639	BV	12582	1128241	91.99%	16.321%
3	7.750	7.639	7.818	VV	6132	346438	28.25%	5.012%
4	7.889	7.818	8.114	VV	7889	440677	35.93%	6.375%
5	8.789	8.554	9.263	PV	7367	438228	35.73%	6.340%
6	10.618	10.507	10.945	VV	22912	1226538	100.00%	17.743%
7	13.055	12.937	13.116	BV	7417	352431	28.73%	5.098%
8	13.189	13.116	13.402	VV	14704	770464	62.82%	11.146%
9	13.917	13.650	14.049	BV	14288	734943	59.92%	10.632%
10	16.193	16.041	16.325	PV	12521	552414	45.04%	7.991%

Sum of corrected areas: 6912627

FB021125.M Wed Mar 05 02:48:42 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	BSF0303S2	SDG No.:	Q1478
Lab Sample ID:	BSF0303S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031533.D	1	03/03/25 16:43	FB030325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	138		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.0		50 - 150	105%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031533.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 16:43
Operator : YP/AJ
Sample : BSF0303S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0303S2

Integration File: SAMPLE.e
Quant Time: Mar 04 00:20:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	493564	20.994	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	603153	18.882	ng/ml
2) t	2,2,4-Trimethylpentane	7.421	834820	21.455	ng/ml
3) t	n-Heptane	7.752	257844	7.486	ng/ml
4) t	Benzene	7.890	345829	7.789	ng/ml
6) t	Toluene	10.619	993704	24.191	ng/ml
7) t	Ethylbenzene	13.056	295228	8.132	ng/ml
8) t	m-Xylene	13.190	647546	16.480	ng/ml
9) t	O-Xylene	13.918	637911	17.055	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	486780	16.426	ng/ml

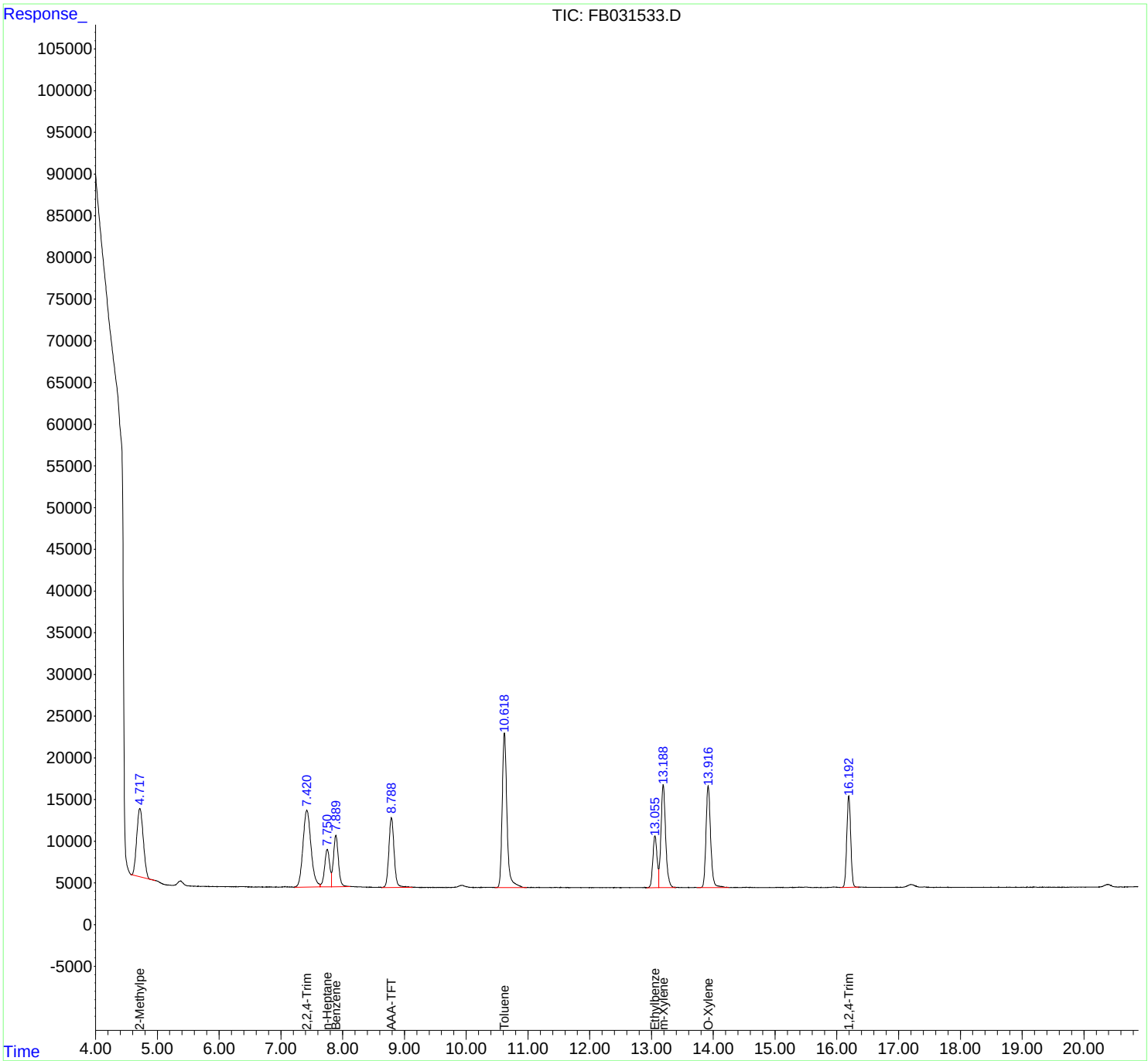
(f)=RT Delta > 1/2 Window (m)=manual int.

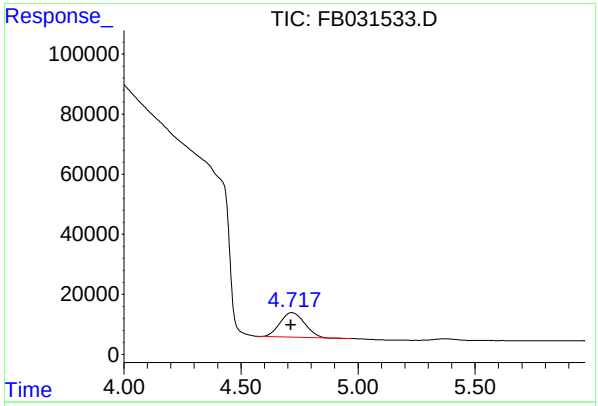
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031533.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 16:43
Operator : YP/AJ
Sample : BSF0303S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0303S2

Integration File: SAMPLE.e
Quant Time: Mar 04 00:20:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

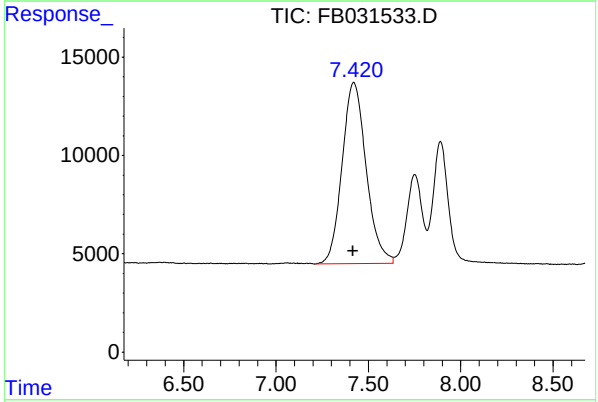




#1 2-Methylpentane

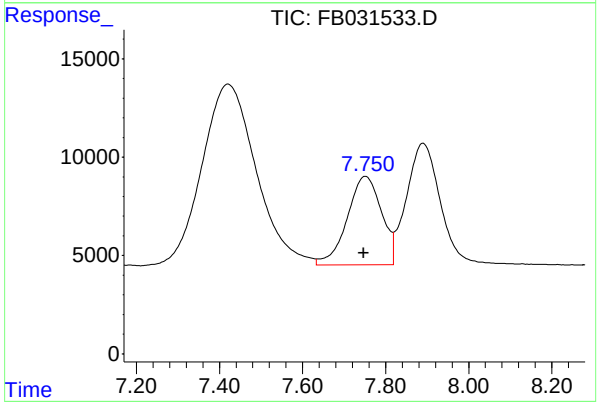
R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 603153
Conc: 18.88 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0303S2



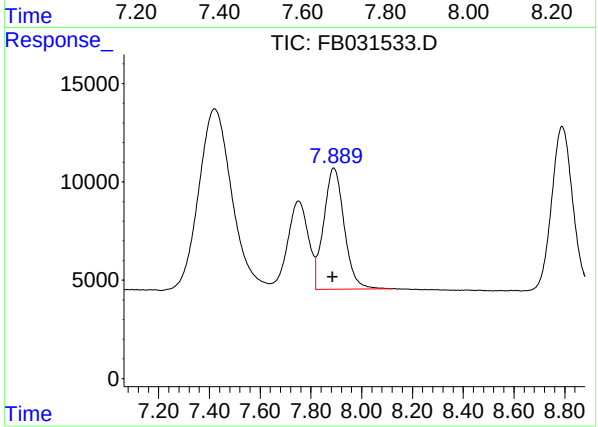
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min
Delta R.T.: 0.005 min
Response: 834820
Conc: 21.46 ng/ml



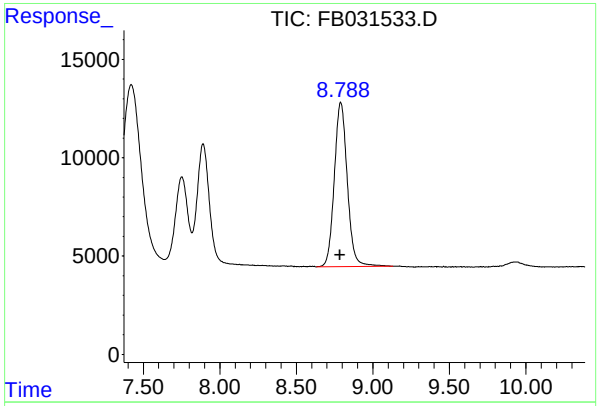
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: 0.004 min
Response: 257844
Conc: 7.49 ng/ml



#4 Benzene

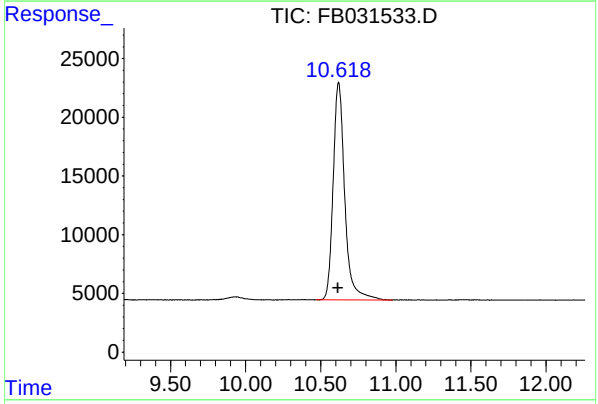
R.T.: 7.890 min
Delta R.T.: 0.005 min
Response: 345829
Conc: 7.79 ng/ml



#5 AAA-TFT

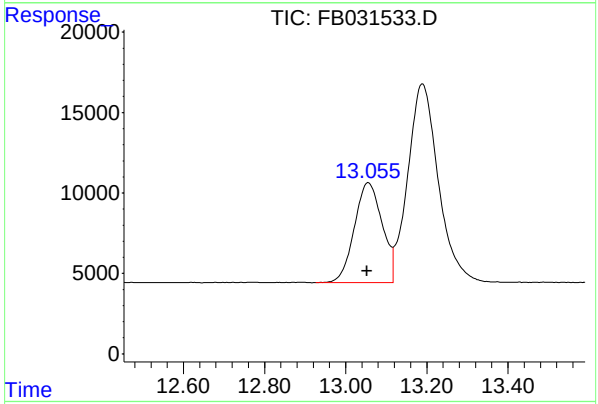
R.T.: 8.790 min
Delta R.T.: 0.003 min
Response: 493564
Conc: 20.99 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0303S2



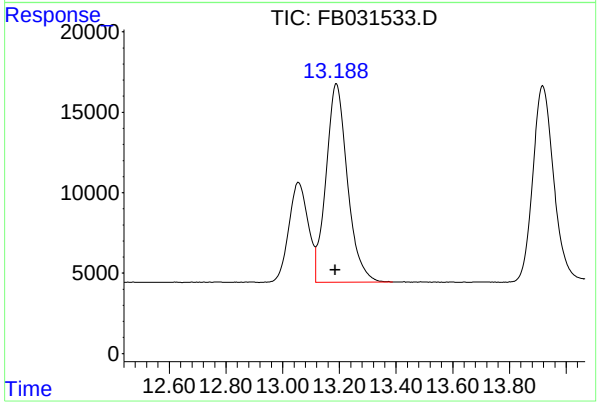
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.004 min
Response: 993704
Conc: 24.19 ng/ml



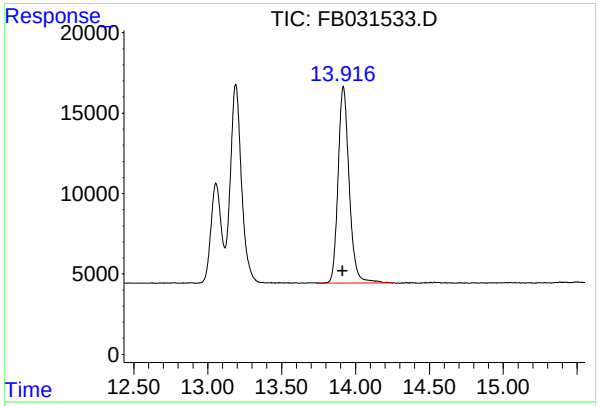
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: 0.003 min
Response: 295228
Conc: 8.13 ng/ml



#8 m-Xylene

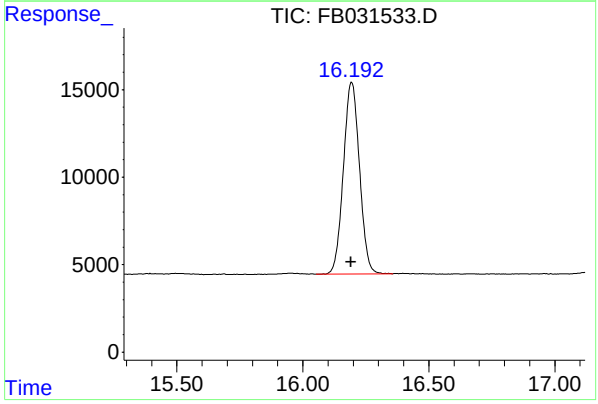
R.T.: 13.190 min
Delta R.T.: 0.004 min
Response: 647546
Conc: 16.48 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: 0.003 mi
Response: 637911
Conc: 17.05 ng/m

Instrument :
FID_B
ClientSampleId :
BSF0303S2



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.003 min
Response: 486780
Conc: 16.43 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030325\
Data File : FB031533.D
Signal(s) : FID2B.CH
Acq On : 3 Mar 2025 16:43
Sample : BSF0303S2
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 10 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.571	4.971	BV	8197	603153	60.70%	10.778%
2	7.421	7.216	7.633	PV	9224	834820	84.01%	14.917%
3	7.752	7.633	7.819	VV	4501	257844	25.95%	4.607%
4	7.890	7.819	8.122	VV	6172	345829	34.80%	6.180%
5	8.790	8.630	9.132	PV	8367	493564	49.67%	8.819%
6	10.619	10.468	10.981	BV	18552	993704	100.00%	17.756%
7	13.056	12.926	13.117	BV	6218	295228	29.71%	5.275%
8	13.190	13.117	13.388	VV	12353	647546	65.16%	11.571%
9	13.918	13.734	14.254	VV	12218	637911	64.20%	11.399%
10	16.194	16.052	16.358	PV	10967	486780	48.99%	8.698%

Sum of corrected areas: 5596379

FB021125.M Tue Mar 04 01:05:04 2025

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site # D3868221	Date Received:	
Client Sample ID:	BSF0304W2	SDG No.:	Q1478
Lab Sample ID:	BSF0304W2	Matrix:	Water
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031543.D	1	03/04/25 12:10	FB030425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	176		6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.2		50 - 150	81%	SPK: 20

Comments:

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031543.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:10
Operator : YP/AJ
Sample : BSF0304W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0304W2

Integration File: Calibration.e
Quant Time: Mar 05 02:07:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	380209	16.173	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.717	861195	26.960	ng/ml
2) t	2,2,4-Trimethylpentane	7.418	1139104	29.276	ng/ml
3) t	n-Heptane	7.752	331012	9.610	ng/ml
4) t	Benzene	7.890	436260	9.826	ng/ml
6) t	Toluene	10.619	1232201	29.997	ng/ml
7) t	Ethylbenzene	13.056	359276	9.896	ng/ml
8) t	m-Xylene	13.189	790441	20.116	ng/ml
9) t	O-Xylene	13.917	753785	20.153	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	577950	19.503	ng/ml

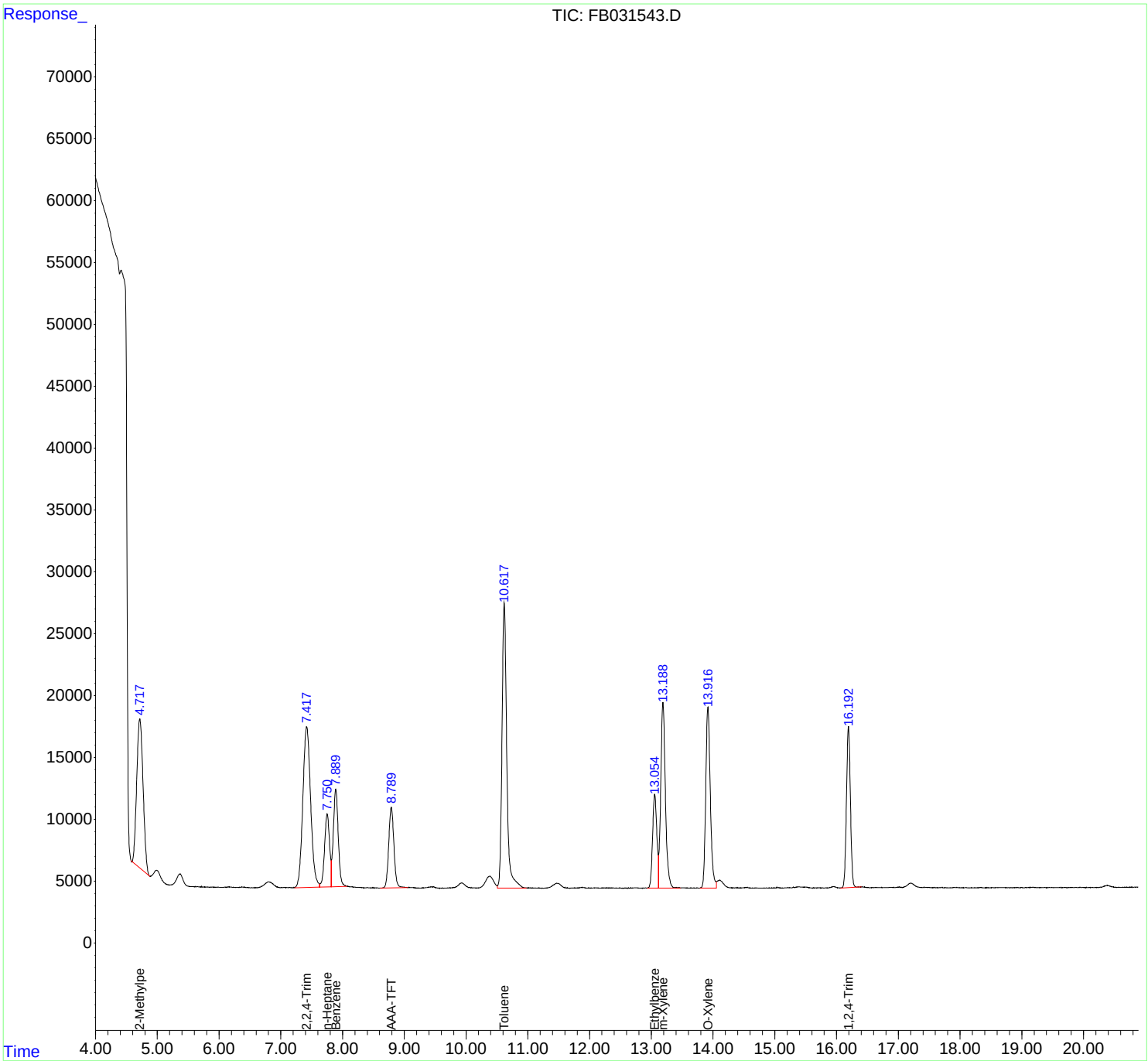
(f)=RT Delta > 1/2 Window (m)=manual int.

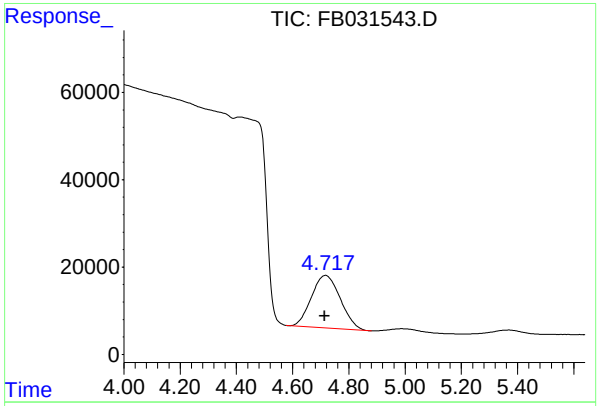
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031543.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:10
Operator : YP/AJ
Sample : BSF0304W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0304W2

Integration File: Calibration.e
Quant Time: Mar 05 02:07:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

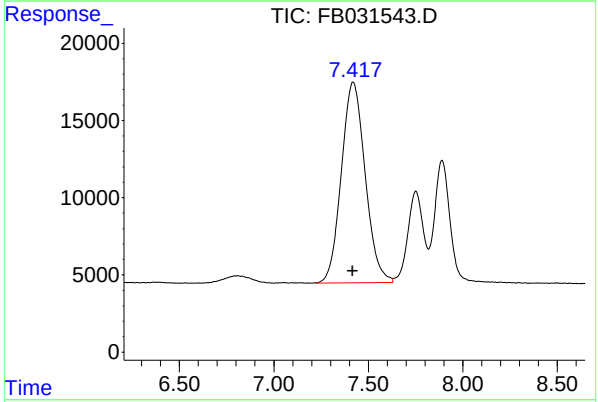




#1 2-Methylpentane

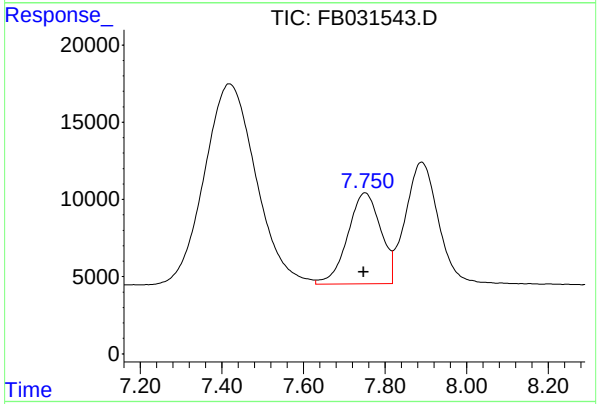
R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 861195
Conc: 26.96 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W2



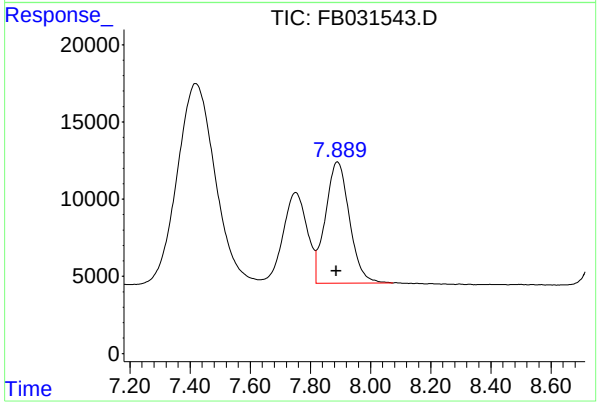
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 1139104
Conc: 29.28 ng/ml



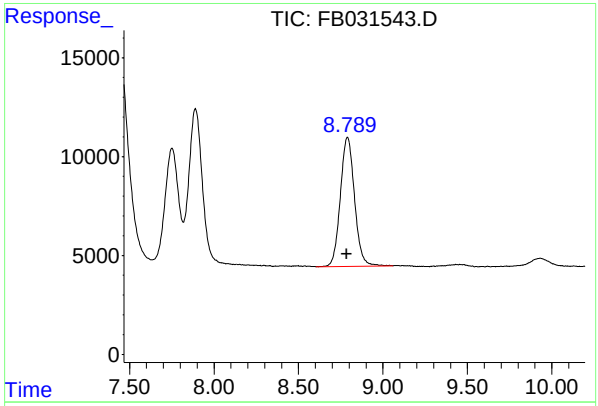
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: 0.004 min
Response: 331012
Conc: 9.61 ng/ml



#4 Benzene

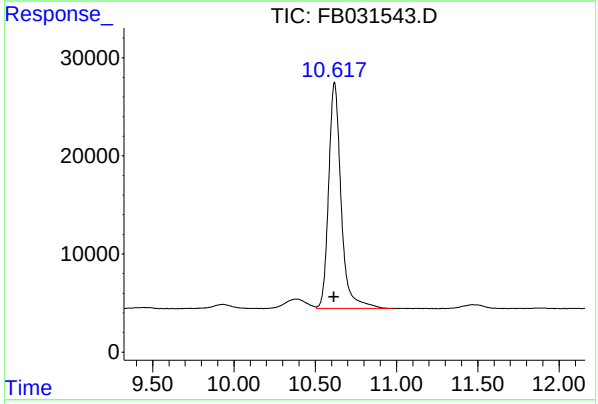
R.T.: 7.890 min
Delta R.T.: 0.004 min
Response: 436260
Conc: 9.83 ng/ml



#5 AAA-TFT

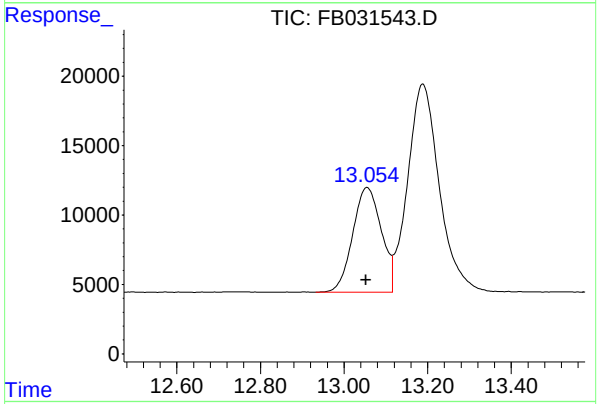
R.T.: 8.790 min
Delta R.T.: 0.004 min
Response: 380209
Conc: 16.17 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W2



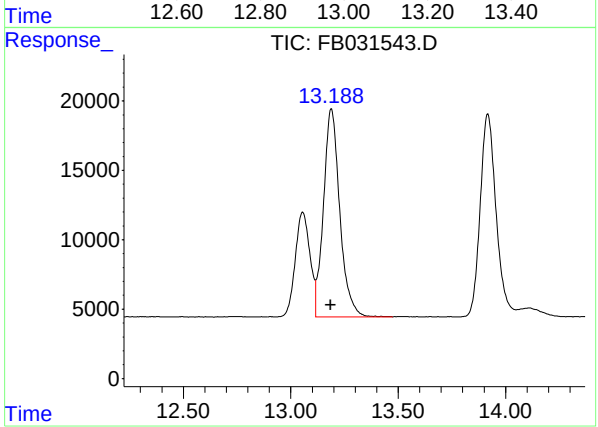
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.004 min
Response: 1232201
Conc: 30.00 ng/ml



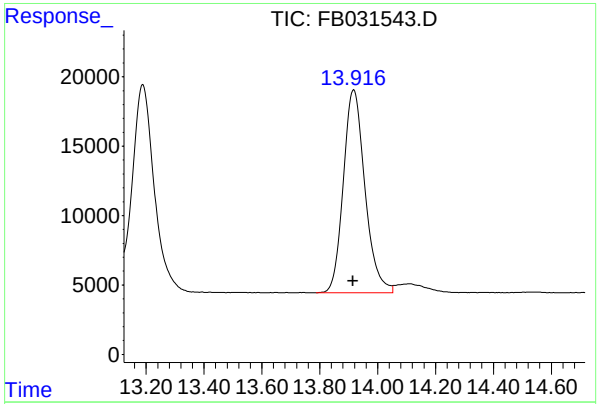
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: 0.003 min
Response: 359276
Conc: 9.90 ng/ml



#8 m-Xylene

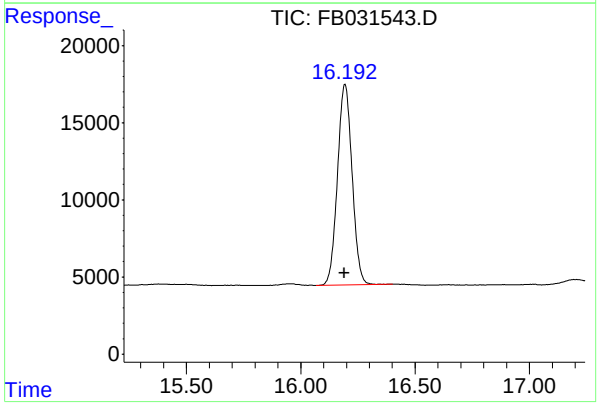
R.T.: 13.189 min
Delta R.T.: 0.003 min
Response: 790441
Conc: 20.12 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.003 min
Response: 753785
Conc: 20.15 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0304W2



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.003 min
Response: 577950
Conc: 19.50 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031543.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:10
Sample : BSF0304W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.576	4.881	BV	12057	861195	69.89%	12.551%
2	7.418	7.223	7.629	VV	12993	1139104	92.44%	16.602%
3	7.752	7.629	7.818	VV	5893	331012	26.86%	4.824%
4	7.890	7.818	8.075	VV	7873	436260	35.40%	6.358%
5	8.790	8.604	9.060	PV	6527	380209	30.86%	5.541%
6	10.619	10.506	10.980	VV	23054	1232201	100.00%	17.958%
7	13.056	12.932	13.116	BV	7564	359276	29.16%	5.236%
8	13.189	13.116	13.474	VV	15006	790441	64.15%	11.520%
9	13.917	13.786	14.052	BV	14624	753785	61.17%	10.986%
10	16.193	16.066	16.403	PBA	13021	577950	46.90%	8.423%

Sum of corrected areas: 6861431

FB021125.M Wed Mar 05 02:49:19 2025

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
50 GRO STD		FB031499.D	FB021125	2-Methylpentane	Ankita	2/12/2025 10:47:05 AM	Peak Integrated by Software incorrectly
100 GRO STD		FB031500.D	FB021125	2-Methylpentane	Ankita	2/12/2025 10:47:07 AM	Peak Integrated by Software incorrectly

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q1474-01MS		FB031531.D	FB030325	2-Methylpentane	Ankita	3/4/2025 3:14:00 PM	Peak Integrated by Software incorrectly
Q1474-01MSD		FB031532.D	FB030325	2-Methylpentane	Ankita	3/4/2025 3:14:01 PM	Peak Integrated by Software incorrectly

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB021125

Review By	yogesh	Review On	2/11/2025 1:08:25 PM		
Supervise By	Ankita	Supervise On	2/12/2025 10:47:12 AM		
SubDirectory	FB021125	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031496.D	11 Feb 2025 9:32	YP/AJ	Ok
2	10 GRO STD	FB031497.D	11 Feb 2025 10:03	YP/AJ	Ok
3	20 GRO STD	FB031498.D	11 Feb 2025 11:32	YP/AJ	Ok
4	50 GRO STD	FB031499.D	11 Feb 2025 12:03	YP/AJ	Ok,M
5	100 GRO STD	FB031500.D	11 Feb 2025 12:34	YP/AJ	Ok,M
6	FB021125GROICV	FB031501.D	11 Feb 2025 13:19	YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB030325

Review By	yogesh	Review On	3/3/2025 1:53:44 PM		
Supervise By	Ankita	Supervise On	3/4/2025 3:14:07 PM		
SubDirectory	FB030325	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	PP24211,PP24212,PP24213
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031524.D	3 Mar 2025 10:24	YP/AJ	Ok
2	VBF0303S1	FB031525.D	3 Mar 2025 11:06	YP/AJ	Ok
3	VBF0303S2	FB031526.D	3 Mar 2025 11:34	YP/AJ	Ok
4	BSF0303S1	FB031527.D	3 Mar 2025 12:02	YP/AJ	Ok
5	Q1474-01	FB031528.D	3 Mar 2025 14:23	YP/AJ	Not Ok
6	Q1474-01	FB031529.D	3 Mar 2025 14:51	YP/AJ	Not Ok
7	Q1474-01	FB031530.D	3 Mar 2025 15:19	YP/AJ	Ok
8	Q1474-01MS	FB031531.D	3 Mar 2025 15:47	YP/AJ	Ok,M
9	Q1474-01MSD	FB031532.D	3 Mar 2025 16:15	YP/AJ	Ok,M
10	BSF0303S2	FB031533.D	3 Mar 2025 16:43	YP/AJ	Ok
11	20 PPB GRO STD	FB031534.D	3 Mar 2025 17:38	YP/AJ	Ok
12	Q1478-16	FB031535.D	3 Mar 2025 18:06	YP/AJ	Not Ok
13	Q1478-16	FB031536.D	3 Mar 2025 18:34	YP/AJ	Not Ok
14	Q1478-16	FB031537.D	3 Mar 2025 19:02	YP/AJ	Ok
15	BSF0303S3	FB031538.D	3 Mar 2025 19:29	YP/AJ	Ok
16	20 PPB GRO STD	FB031539.D	3 Mar 2025 19:57	YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB030425

Review By	yogesh	Review On	3/4/2025 11:58:45 AM		
Supervise By	Ankita	Supervise On	3/5/2025 9:18:23 AM		
SubDirectory	FB030425	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	PP24214,PP24215
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031540.D	4 Mar 2025 9:17	YP/AJ	Ok
2	VBF0304W1	FB031541.D	4 Mar 2025 11:14	YP/AJ	Ok
3	BSF0304W1	FB031542.D	4 Mar 2025 11:42	YP/AJ	Ok
4	BSF0304W2	FB031543.D	4 Mar 2025 12:10	YP/AJ	Ok
5	Q1478-02	FB031544.D	4 Mar 2025 12:38	YP/AJ	Dilution
6	Q1478-04	FB031545.D	4 Mar 2025 13:06	YP/AJ	ReRun
7	Q1478-06	FB031546.D	4 Mar 2025 13:34	YP/AJ	ReRun
8	Q1478-08	FB031547.D	4 Mar 2025 14:02	YP/AJ	ReRun
9	BSF0304W3	FB031548.D	4 Mar 2025 14:29	YP/AJ	Ok
10	20 PPB GRO STD	FB031549.D	4 Mar 2025 14:57	YP/AJ	Ok
11	Q1478-04RE	FB031550.D	4 Mar 2025 16:07	YP/AJ	Confirms
12	Q1478-06RE	FB031551.D	4 Mar 2025 16:35	YP/AJ	Confirms
13	Q1478-08RE	FB031552.D	4 Mar 2025 17:03	YP/AJ	Confirms
14	Q1478-02	FB031553.D	4 Mar 2025 17:30	YP/AJ	Ok
15	BSF0304W4	FB031554.D	4 Mar 2025 17:59	YP/AJ	Ok
16	20 PPB GRO STD	FB031555.D	4 Mar 2025 18:27	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB021125

Review By	yogesh	Review On	2/11/2025 1:08:25 PM		
Supervise By	Ankita	Supervise On	2/12/2025 10:47:12 AM		
SubDirectory	FB021125	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031496.D	11 Feb 2025 9:32		YP/AJ	Ok
2	10 GRO STD		FB031497.D	11 Feb 2025 10:03		YP/AJ	Ok
3	20 GRO STD		FB031498.D	11 Feb 2025 11:32		YP/AJ	Ok
4	50 GRO STD		FB031499.D	11 Feb 2025 12:03		YP/AJ	Ok,M
5	100 GRO STD		FB031500.D	11 Feb 2025 12:34		YP/AJ	Ok,M
6	FB021125GROICV		FB031501.D	11 Feb 2025 13:19		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB030325

Review By	yogesh	Review On	3/3/2025 1:53:44 PM		
Supervise By	Ankita	Supervise On	3/4/2025 3:14:07 PM		
SubDirectory	FB030325	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	PP24211,PP24212,PP24213
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031524.D	3 Mar 2025 10:24		YP/AJ	Ok
2	VBF0303S1		FB031525.D	3 Mar 2025 11:06		YP/AJ	Ok
3	VBF0303S2		FB031526.D	3 Mar 2025 11:34		YP/AJ	Ok
4	BSF0303S1		FB031527.D	3 Mar 2025 12:02		YP/AJ	Ok
5	Q1474-01		FB031528.D	3 Mar 2025 14:23	Vial- A, Not Purged	YP/AJ	Not Ok
6	Q1474-01		FB031529.D	3 Mar 2025 14:51	Vial- B, Not Purged	YP/AJ	Not Ok
7	Q1474-01		FB031530.D	3 Mar 2025 15:19	Vial- C	YP/AJ	Ok
8	Q1474-01MS		FB031531.D	3 Mar 2025 15:47		YP/AJ	Ok,M
9	Q1474-01MSD		FB031532.D	3 Mar 2025 16:15		YP/AJ	Ok,M
10	BSF0303S2		FB031533.D	3 Mar 2025 16:43		YP/AJ	Ok
11	20 PPB GRO STD		FB031534.D	3 Mar 2025 17:38		YP/AJ	Ok
12	Q1478-16		FB031535.D	3 Mar 2025 18:06	Vial- A, Not Purged	YP/AJ	Not Ok
13	Q1478-16		FB031536.D	3 Mar 2025 18:34	Vial- B ,Not Purged	YP/AJ	Not Ok
14	Q1478-16		FB031537.D	3 Mar 2025 19:02	Vial- C	YP/AJ	Ok
15	BSF0303S3		FB031538.D	3 Mar 2025 19:29		YP/AJ	Ok
16	20 PPB GRO STD		FB031539.D	3 Mar 2025 19:57		YP/AJ	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB030425

Review By	yogesh	Review On	3/4/2025 11:58:45 AM		
Supervise By	Ankita	Supervise On	3/5/2025 9:18:23 AM		
SubDirectory	FB030425	HP Acquire Method		HP Processing Method	FB021125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24188,PP24189,PP24190,PP24191
CCC	PP24214,PP24215
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24192
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031540.D	4 Mar 2025 9:17		YP/AJ	Ok
2	VBF0304W1		FB031541.D	4 Mar 2025 11:14		YP/AJ	Ok
3	BSF0304W1		FB031542.D	4 Mar 2025 11:42		YP/AJ	Ok
4	BSF0304W2		FB031543.D	4 Mar 2025 12:10		YP/AJ	Ok
5	Q1478-02		FB031544.D	4 Mar 2025 12:38	Surr Fail, need 10x dilution	YP/AJ	Dilution
6	Q1478-04		FB031545.D	4 Mar 2025 13:06	Surr Fail	YP/AJ	ReRun
7	Q1478-06		FB031546.D	4 Mar 2025 13:34	Surr Fail	YP/AJ	ReRun
8	Q1478-08		FB031547.D	4 Mar 2025 14:02	Surr Fail	YP/AJ	ReRun
9	BSF0304W3		FB031548.D	4 Mar 2025 14:29		YP/AJ	Ok
10	20 PPB GRO STD		FB031549.D	4 Mar 2025 14:57		YP/AJ	Ok
11	Q1478-04RE		FB031550.D	4 Mar 2025 16:07	Surr Fail	YP/AJ	Confirms
12	Q1478-06RE		FB031551.D	4 Mar 2025 16:35	Surr Fail	YP/AJ	Confirms
13	Q1478-08RE		FB031552.D	4 Mar 2025 17:03	Surr Fail	YP/AJ	Confirms
14	Q1478-02		FB031553.D	4 Mar 2025 17:30	Surr Fail	YP/AJ	Ok
15	BSF0304W4		FB031554.D	4 Mar 2025 17:59		YP/AJ	Ok
16	20 PPB GRO STD		FB031555.D	4 Mar 2025 18:27		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 3/4/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 03/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:05
Out Date: 03/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134870

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
Q1472-01	40308	1	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1474-01	BU-03-02282025	2	1.15	8.63	9.78	9.2	93.3	
Q1474-02	BU-03-02282025	3	1.15	8.45	9.6	8.7	89.3	
Q1475-01	TR-04-02282025	4	1.12	8.67	9.79	9.06	91.6	
Q1475-02	TR-04-02282025-E2	5	1.16	8.72	9.88	9.44	95.0	
Q1476-02	TRE-25-0016	6	1.18	8.57	9.75	9.18	93.3	
Q1476-03	TRE-25-0017	7	1.00	1.00	2.00	2.00	100.0	debris
Q1478-14	IDW-SO-COMP-022825	8	1.15	8.82	9.97	8.59	84.4	
Q1478-15	IDW-SO-DRUM-585-022825	9	1.18	8.68	9.86	8.56	85.0	
Q1478-16	IDW-SO-DRUM-585-022825	10	1.18	8.45	9.63	8.23	83.4	
Q1479-01	P5	11	1.14	8.64	9.78	8.89	89.7	
Q1479-02	DSP2	12	1.15	8.75	9.9	9.1	90.9	

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

WORKLIST(Hardcopy Internal Chain)

JB134870

WorkList Name : %1-030325 **WorkList ID :** 187978 **Department :** Wet-Chemistry **Date :** 03-03-2025 07:39:10

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1472-01	40308	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/28/2025	Chemtech -SO
Q1474-01	BU-03-02282025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/28/2025	Chemtech -SO
Q1474-02	BU-03-02282025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/28/2025	Chemtech -SO
Q1475-01	TR-04-02282025	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/28/2025	Chemtech -SO
Q1475-02	TR-04-02282025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	H31	02/28/2025	Chemtech -SO
Q1476-02	TRE-25-0016	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/28/2025	Chemtech -SO
Q1476-03	TRE-25-0017	Solid	Percent Solids	Cool 4 deg C	PSEG03	H31	02/28/2025	Chemtech -SO
Q1478-14	IDW-SO-COMP-022825	Solid	Percent Solids	Cool 4 deg C	JACO05	H31	02/28/2025	Chemtech -SO
Q1478-15	IDW-SO-DRUM-585-022825	Solid	Percent Solids	Cool 4 deg C	JACO05	H31	02/28/2025	Chemtech -SO
Q1478-16	IDW-SO-DRUM-585-022825	Solid	Percent Solids	Cool 4 deg C	JACO05	H31	02/28/2025	Chemtech -SO
Q1479-01	P5	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	03/03/2025	Chemtech -SO
Q1479-02	DSP2	Solid	Percent Solids	Cool 4 deg C	GENV01	H31	03/03/2025	Chemtech -SO

Date/Time 03/03/25 15:30
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

Date/Time 03/03/25 17:10
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: [illegible]

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

Prep Standard - Chemical Standard Summary

Order ID : Q1478

Test : Gasoline Range Organics

Prepbatch ID :

Sequence ID/Qc Batch ID: FB030425,FB030325,

Standard ID :
PP24110,PP24111,PP24112,PP24188,PP24189,PP24190,PP24191,PP24192,PP24211,PP24212,PP24213,PP24214,PP24215,

Chemical ID :
P11119,P9831,V14543,V14624,W3112,

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
231	10 PPM GRO STD 1ST SOURCE	PP24110	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

FROM 0.11100ml of P9831 + 9.89000ml of V14624 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
233	10 PPM GRO STD 2nd SOURCE	PP24111	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

FROM 0.11100ml of P11119 + 9.89000ml of V14624 = Final Quantity: 10.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3619	25 PPM AAA-TFT Surg	PP24112	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

FROM 0.10000ml of V14543 + 9.90000ml of V14624 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
238	5 PPB ICC GRO STD	PP24188	02/11/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 02/12/2025

FROM 5.00000ml of W3112 + 0.00100ml of PP24112 + 0.00250ml of PP24110 = Final Quantity: 5.004 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
237	10 PPB ICC GRO STD	PP24189	02/11/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 02/12/2025

FROM 5.00000ml of W3112 + 0.00200ml of PP24112 + 0.00500ml of PP24110 = Final Quantity: 5.007 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
239	20 PPB ICC GRO STD	PP24190	02/11/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 02/12/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
235	50 PPB ICC GRO STD	PP24191	02/11/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 02/12/2025

FROM 5.00000ml of W3112 + 0.01000ml of PP24112 + 0.02500ml of PP24110 = Final Quantity: 5.035 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
240	20 PPB ICV GRO STD	PP24192	02/11/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 02/12/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24111 = Final Quantity: 5.014 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24211	03/03/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 03/06/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24212	03/03/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 03/06/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24213	03/03/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 03/06/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24214	03/04/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 03/06/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24215	03/04/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 03/06/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = Final Quantity: 5.014 ml

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

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)	A0155991	01/31/2027	11/27/2023 / yogesh	02/10/2021 / Sohil	P11119

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30065 / GRO Mix (EPA)	A0161776	07/15/2025	01/15/2025 / yogesh	09/11/2020 / DHAVAL	P9831

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30068 / VOA Mix, a, a, a-triflurotoluene 2500uq/ml, P&T methanol, 1ml	A0206957	07/15/2025	01/15/2025 / yogesh	09/30/2024 / yogesh	V14543

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	07/13/2025	01/13/2025 / SAM	11/26/2024 / SAM	V14624

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 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable 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

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.

1st source
DP
P9817 To P9826 (10)

Catalog No. : 30065 **Lot No.:** A0155991

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 : January 31, 2027 **Storage:** 0°C or colder

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	2-Methylpentane **CAS #** 107-83-5 **Purity** 98%	(Lot MKCB1674V)	1,505.3 µg/mL	+/- 8.9409 µg/mL +/- 84.4194 µg/mL +/- 86.3938 µg/mL		Gravimetric Unstressed Stressed
2	2,2,4-Trimethylpentane (isooctane) **CAS #** 540-84-1 **Purity** 99%	(Lot SHBD2922V)	1,504.0 µg/mL	+/- 8.9333 µg/mL +/- 84.3476 µg/mL +/- 86.3203 µg/mL		Gravimetric Unstressed Stressed
3	n-Heptane (C7) **CAS #** 142-82-5 **Purity** 98%	(Lot SHBK8626)	500.8 µg/mL	+/- 2.9745 µg/mL +/- 28.0848 µg/mL +/- 28.7417 µg/mL		Gravimetric Unstressed Stressed
4	Benzene **CAS #** 71-43-2 **Purity** 99%	(Lot SHBK5679)	501.0 µg/mL	+/- 2.9758 µg/mL +/- 28.0972 µg/mL +/- 28.7543 µg/mL		Gravimetric Unstressed Stressed
5	Toluene **CAS #** 108-88-3 **Purity** 99%	(Lot MKCH9232)	1,505.0 µg/mL	+/- 8.9392 µg/mL +/- 84.4037 µg/mL +/- 86.3777 µg/mL		Gravimetric Unstressed Stressed
6	Ethylbenzene **CAS #** 100-41-4 **Purity** 99%	(Lot SHBJ4278)	502.0 µg/mL	+/- 2.9817 µg/mL +/- 28.1533 µg/mL +/- 28.8117 µg/mL		Gravimetric Unstressed Stressed
7	m-Xylene **CAS #** 108-38-3 **Purity** 99%	(Lot SHBJ8743)	1,004.0 µg/mL	+/- 5.9635 µg/mL +/- 56.3065 µg/mL +/- 57.6234 µg/mL		Gravimetric Unstressed Stressed

8	o-Xylene		1,008.0	µg/mL	+/- 5.9872	µg/mL	Gravimetric
	CAS # 95-47-6	(Lot SHBK7739)			+/- 56.5308	µg/mL	Unstressed
	Purity 99%				+/- 57.8530	µg/mL	Stressed
9	1,2,4-Trimethylbenzene		1,004.5	µg/mL	+/- 5.9664	µg/mL	Gravimetric
	CAS # 95-63-6	(Lot MKBJ6229V)			+/- 56.3345	µg/mL	Unstressed
	Purity 98%				+/- 57.6521	µg/mL	Stressed

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

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

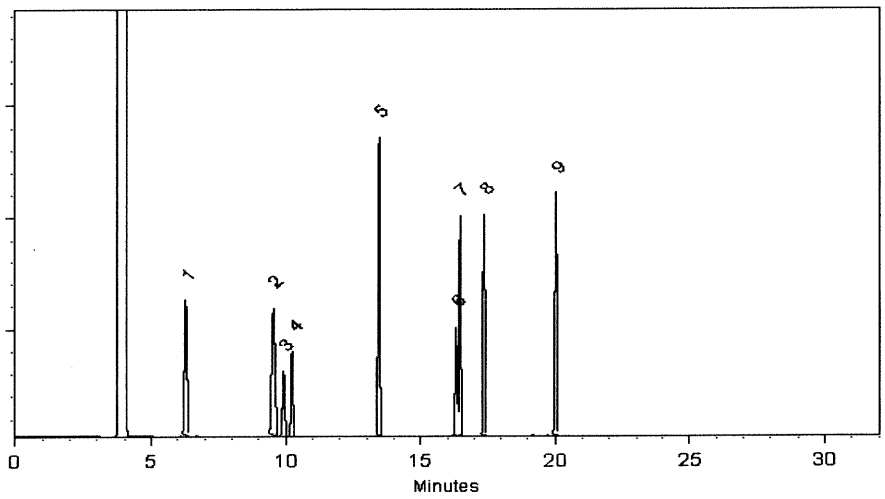
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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



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.

Miranda Kline - Operations Technician I

Date Mixed: 19-Dec-2019 **Balance:** 1127510105

Fang-Yun Lo - QC Analyst

Date Passed: 23-Dec-2019

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

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031544.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:38
Operator : YP/AJ
Sample : Q1478-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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	8.752	97652701	4153.803	ng/ml
Target Compounds					

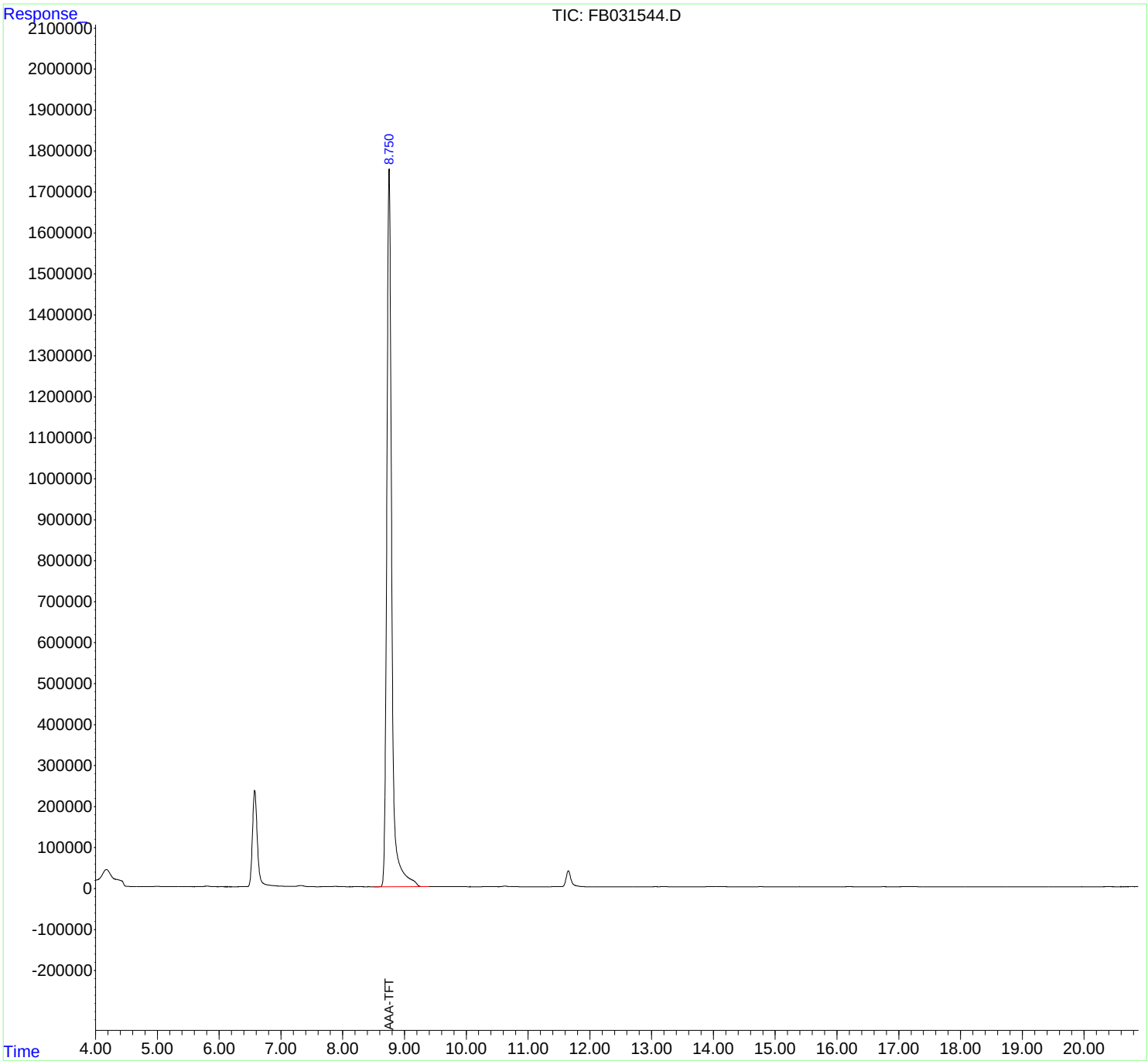
(f)=RT Delta > 1/2 Window (m)=manual int.

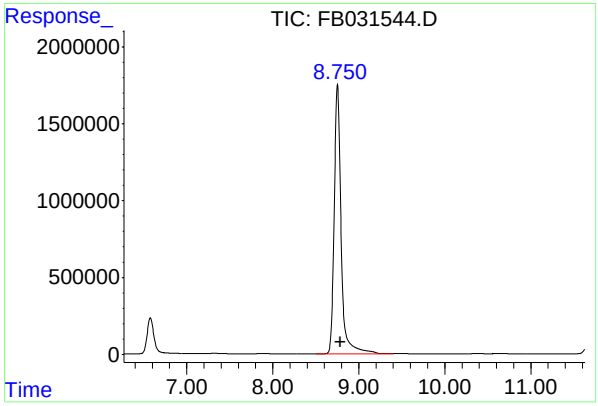
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031544.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:38
Operator : YP/AJ
Sample : Q1478-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Integration File: Calibration.e
Quant Time: Mar 05 02:07:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 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.: 8.752 min
Delta R.T.: -0.035 mir
Response: 97652701
Conc: 4153.80 ng/m

Instrument :
FID_B
ClientSampleId :
IDW-AQ-DRUM-610-022825

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB030425\
Data File : FB031544.D
Signal(s) : FID2B.CH
Acq On : 4 Mar 2025 12:38
Sample : Q1478-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.685	4.621	4.702	BV	77	1446	0.00%	0.001%
2	4.709	4.702	4.730	VV	74	1176	0.00%	0.001%
3	4.737	4.730	4.813	VV	92	2299	0.00%	0.002%
4	4.822	4.813	4.841	PV	16	188	0.00%	0.000%
5	5.178	5.172	5.201	VV	19	199	0.00%	0.000%
6	5.366	5.324	5.502	VV	517	30355	0.03%	0.027%
7	5.530	5.502	5.540	PV	14	125	0.00%	0.000%
8	5.618	5.540	5.651	PV	25	719	0.00%	0.001%
9	5.805	5.651	6.004	VV	1643	101110	0.10%	0.089%
10	6.062	6.004	6.165	VV	70	3676	0.00%	0.003%
11	6.185	6.165	6.233	VV	42	1199	0.00%	0.001%
12	6.355	6.233	6.372	PV	92	3532	0.00%	0.003%
13	6.399	6.372	6.438	VV	74	2715	0.00%	0.002%
14	6.576	6.438	7.195	VV	235127	13370778	13.68%	11.715%
15	7.323	7.195	7.593	VV	3051	259560	0.27%	0.227%
16	7.637	7.593	7.651	VV	65	1850	0.00%	0.002%
17	7.678	7.651	7.691	VV	88	1771	0.00%	0.002%
18	7.714	7.691	7.777	VV	82	3825	0.00%	0.003%
19	7.885	7.777	8.078	VV	913	62930	0.06%	0.055%
20	8.271	8.078	8.356	VV	172	15929	0.02%	0.014%
21	8.424	8.356	8.537	VV	68	4877	0.00%	0.004%
22	8.752	8.537	9.720	PV	1751109	97758804	100.00%	85.652%
23	9.736	9.720	9.781	VV	119	4052	0.00%	0.004%
24	9.813	9.781	9.867	VV	107	5091	0.01%	0.004%
25	9.887	9.867	9.900	VV	117	2135	0.00%	0.002%
26	9.915	9.900	9.937	VV	133	2573	0.00%	0.002%

rteres

27	9.955	9.937	10.040	VV	114	5542	0.01%	0.005%
28	10.065	10.040	10.146	VV	77	3977	0.00%	0.003%
29	10.161	10.146	10.218	VV	53	2044	0.00%	0.002%
30	10.374	10.218	10.529	VV	369	37702	0.04%	0.033%
31	10.625	10.529	10.916	VV	1726	105954	0.11%	0.093%
32	10.933	10.916	10.956	VV	53	910	0.00%	0.001%
33	10.972	10.956	11.021	VV	35	1093	0.00%	0.001%
34	11.044	11.021	11.064	VV	41	672	0.00%	0.001%
35	11.142	11.064	11.265	VV	56	4754	0.00%	0.004%
36	11.280	11.265	11.318	VV	32	788	0.00%	0.001%
37	11.438	11.318	11.453	VV	195	8114	0.01%	0.007%
38	11.476	11.453	11.529	VV	192	8167	0.01%	0.007%
39	11.653	11.529	11.959	VV	38938	2183687	2.23%	1.913%
40	11.972	11.959	12.010	VV	55	1390	0.00%	0.001%
41	12.045	12.010	12.088	VV	42	1549	0.00%	0.001%
42	12.105	12.088	12.117	VV	36	432	0.00%	0.000%
43	12.129	12.117	12.158	VV	40	558	0.00%	0.000%
44	12.175	12.158	12.228	VV	35	856	0.00%	0.001%
45	12.241	12.228	12.272	VV	32	518	0.00%	0.000%
46	12.317	12.272	12.339	VV	35	949	0.00%	0.001%
47	12.354	12.339	12.385	VV	27	498	0.00%	0.000%
48	12.503	12.385	12.580	VV	44	2769	0.00%	0.002%
49	12.676	12.580	12.707	VV	47	1556	0.00%	0.001%
50	12.738	12.707	12.771	VV	32	858	0.00%	0.001%
51	12.790	12.771	12.812	VV	33	515	0.00%	0.000%
52	12.833	12.812	12.852	VV	35	553	0.00%	0.000%
53	12.894	12.852	12.969	PV	38	1430	0.00%	0.001%
54	13.054	12.969	13.126	VV	115	6921	0.01%	0.006%
55	13.195	13.126	13.399	VV	275	17162	0.02%	0.015%
56	13.410	13.399	13.480	VV	25	797	0.00%	0.001%
57	13.496	13.480	13.531	VV	37	517	0.00%	0.000%
58	13.544	13.531	13.559	VV	20	226	0.00%	0.000%
59	13.586	13.559	13.617	VV	28	654	0.00%	0.001%
60	13.628	13.617	13.661	VV	21	418	0.00%	0.000%
61	13.677	13.661	13.708	VV	33	435	0.00%	0.000%
62	13.725	13.708	13.797	VV	26	722	0.00%	0.001%
63	13.812	13.797	13.825	PV	25	285	0.00%	0.000%
64	13.931	13.825	14.003	VV	199	12634	0.01%	0.011%
65	14.107	14.003	14.298	VV	363	33140	0.03%	0.029%
66	14.318	14.298	14.337	VV	37	472	0.00%	0.000%
67	14.348	14.337	14.399	VV	34	711	0.00%	0.001%
68	14.553	14.399	14.622	VV	33	2366	0.00%	0.002%
69	14.764	14.622	14.862	VV	127	7705	0.01%	0.007%
70	14.874	14.862	14.894	VV	22	319	0.00%	0.000%

71	14.913	14.894	14.947	VV	19	348	0.00%	0.000%
72	14.997	14.947	15.096	VV	31	1877	0.00%	0.002%
73	15.125	15.096	15.165	VV	42	1388	0.00%	0.001%
74	15.184	15.165	15.249	VV	43	1426	0.00%	0.001%
75	15.393	15.249	15.548	VV	84	8185	0.01%	0.007%
76	15.562	15.548	15.584	PV	26	239	0.00%	0.000%
77	15.599	15.584	15.613	VV	12	130	0.00%	0.000%
78	15.706	15.613	15.780	VV	33	1772	0.00%	0.002%
79	15.791	15.780	15.812	VV	20	233	0.00%	0.000%
80	15.838	15.812	15.858	VV	19	323	0.00%	0.000%
81	15.963	15.858	16.051	PV	43	2330	0.00%	0.002%
82	16.079	16.051	16.112	VV	24	470	0.00%	0.000%
83	16.194	16.112	16.335	VV	207	9965	0.01%	0.009%
84	16.356	16.335	16.374	PV	13	154	0.00%	0.000%

Sum of corrected areas: 114135073

FB021125.M Wed Mar 05 03:00:29 2025

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1478
COC Number 2045803

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Vafiadis
PHONE: (281) 414-1719 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D3868221 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Mary Murphy PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) STANDARD TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☒ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ US EPA CLP
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1. VOCs (8260B)
2. SVOCs (8270C)
3. TPH DRO – TPH-DRO (Jacobs)
4. Metals (6010B + 7471A)
5. PCBs (8082)
6. Ignitability (1030)
7. Corrosivity (9045C)
8. TPH GRO (8015B)
9.

PRESERVATIVES

A-HCl B-HN03 C-H2SO4 D-NaOH E-ICE F-OTHER

COMMENTS

← Specify Preservatives

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
								A/E	E	E	B/E	E	E	E	E	
								1	2	3	4	5	6	7	8	9
1.	IDW-AQ-MW-19B-COMP-022825	AQ	X		2-28-25	1110	5		X	X	X	X	X	X		
2.	IDW-AQ-DRUM-610-022825	AQ		X	2-28-25	1115	3	X		X					X	
3.	IDW-AQ-IW-01-COMP-022825	AQ	X		2-28-25	1120	5		X	X	X	X	X	X		
4.	IDW-AQ-DRUM-616-022825	AQ		X	2-28-25	1125	3	X		X					X	
5.	IDW-AQ-IW-02-COMP-022825	AQ	X		2-28-25	1130	4		X	X	X	X	X	X		
6.	IDW-AQ-DRUM-614-022825	AQ		X	2-28-25	1135	3	X		X					X	
7.	IDW-AQ-IW-03-COMP-022825	AQ	X		2-28-25	1140	4	~~X~~	X	X	X	X	X	X		
8.	IDW-AQ-DRUM-612-022825	AQ		X	2-28-25	1145	3	X		X					X	
9.	~~IDW-SO-COMP-022825~~ (TH)	~~SO~~	X		~~2-28-25~~	~~1230~~	~~5~~		~~X~~	X	X	X	X	X		
10.	~~IDW-SO-DRUM-582-022825~~ (TH)	~~SO~~		X	~~2-28-25~~		~~1~~									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	1720 2-28-25	1. 2-28-25 1720
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP 2.1 °C
Comments:

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CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1478
COC Number 2045804

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #1 100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yafante
PHONE: (781)414-1719 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D3868221 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Mary Murphy PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) STANDARD TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) ❑ NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other
❑ EDD FORMAT

ANALYSIS

1. TCLP SVOCs (1311/8270C)
2. TCLP VOCs (1311/8260C)
3. TPH GRO / TPH DRO (8015)
4. TCLP Metals (1311/6010)
5. PCBs (8082)
6. Ignitability (1030)
7. Corrosivity (9040C)
8. TPH DRO (8015-B)
9.

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRES 1	PRES 2	PRES 3	PRES 4	PRES 5	PRES 6	PRES 7	PRES 8	PRES 9
1.	IDW-SO-COMP-022825	SO	X		2-28-25	1230	5	X	X	X	X	X	X	X	X	
2.	IDW-SO-DRUM-582-022825	SO		X	2-28-25	1225	1		X	X						
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2-28-25 1820	1. 2-28-2025 1720
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT X COOLER TEMP 2.0 °C
Comments:

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CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1478 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 3/3/2025 10:28:22 AM
Project Name : Former Schlumberger Site I
Receive DateTime : 2/28/2025 5:20:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1478-02	IDW-AQ-DRUM-610-022825	Water	02/28/2025	11:15					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q1478-04	IDW-AQ-DRUM-616-022825	Water	02/28/2025	11:25					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q1478-06	IDW-AQ-DRUM-614-022825	Water	02/28/2025	11:35					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days
Q1478-08	IDW-AQ-DRUM-612-022825	Water	02/28/2025	11:45					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 3-3-25 1200

Received By : JC
Date / Time : 3/3/25 1200

Storage Area : VOA Refridgerator Room