284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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 : Q1812

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

Table Of Contents for Q1812

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Cover Page

Order ID : Q1812

Project ID : Former Schlumberger STC PTC Site D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q1812-01	TB01-041525
Q1812-02	RINSE-EB-TANK-041525
Q1812-03	RINSE-EB-PUMP-041525

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 9:18 am, Apr 30, 2025

Date: 4/30/2025

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 # Q1812
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
3 Water samples were received on 04/15/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, Gasoline Range Organics, Mercury, Metals ICP-RCRA, Metals ICP-TAL, METALS RCRA, METALS-TAL, SVOC-TCL BNA -20, TPH GC 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.
The Retention Times were acceptable for all samples.
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 .

E. Additional Comments:

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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 9:18 am, Apr 30, 2025

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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: Q1812 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.			✓
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:			✓
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.		✓	

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

ADDITIONAL COMMENTS:

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 8:58 am, Apr 30, 2025

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1812

	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:** 04/30/2025

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LAB CHRONICLE

OrderID:	Q1812	**OrderDate:**	4/15/2025 4:26:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1812-02	**RINSE-EB-TANK-041525**	**Water**			**04/15/25**			**04/15/25**
			Gasoline Range Organics	8015D			04/16/25	
Q1812-03	**RINSE-EB-PUMP-041525**	**Water**			**04/15/25**			**04/15/25**
			Gasoline Range Organics	8015D			04/16/25	

QC SUMMARY

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WATER GASOLINE RANGE ORGANICS SURROGATE RECOVERY

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

Lab Code: CHEM Case No.: Q1812 SAS No.: Q1812 SDG No.: Q1812

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0416W1	118				0
BSF0416W1	96				0
BSF0416W2	83				0
RINSE-EB-TANK-041525	61				0
RINSE-EB-PUMP-041525	64				0

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

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

Lab Code: CHEM **Cas No:** Q1812 **SAS No :** Q1812 **SDG No:** Q1812

Matrix Spike - EPA Sample No : BSF0416W1 **Datafile:** FB031632.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS
GRO	180	0	207	115	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:** Q1812 **SAS No :** Q1812 **SDG No:** Q1812

Matrix Spike - EPA Sample No : BSF0416W2 **Datafile:** FB031633.D

COMPOUND	SPIKE ADDED ug/L	CONCENTRATION ug/L	LCS/LCSD CONCENTRATION ug/L	% REC	QC LIMITS
GRO	180	0	213	118	50-150

LCS/LCSD % Recovery RPD : 2.8

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0416W1

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q1812 SAS No.: Q1812 SDG NO.: Q1812

Lab File ID: FB031631.D Lab Sample ID: VBF0416W1

Date Analyzed: 04/16/25 Time Analyzed: 9:48

GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0416W1	BSF0416W1	FB031632.D	04/16/25
BSF0416W2	BSF0416W2	FB031633.D	04/16/25
RINSE-EB-TANK-041525	Q1812-02	FB031634.D	04/16/25
RINSE-EB-PUMP-041525	Q1812-03	FB031635.D	04/16/25

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/15/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/15/25
Client Sample ID:	RINSE-EB-TANK-041525	SDG No.:	Q1812
Lab Sample ID:	Q1812-02	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
FB031634.D	1	04/16/25 11:29	FB041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	12.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	12.2		50 - 150	61%	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\FB041625\
Data File : FB031634.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:29
Operator : YP/AJ
Sample : Q1812-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
RINSE-EB-TANK-041525

Integration File: Calibration.e
Quant Time: Apr 17 01:37:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
5) s AAA-TFT	8.797	269736	12.151 ng/ml
Target Compounds			

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

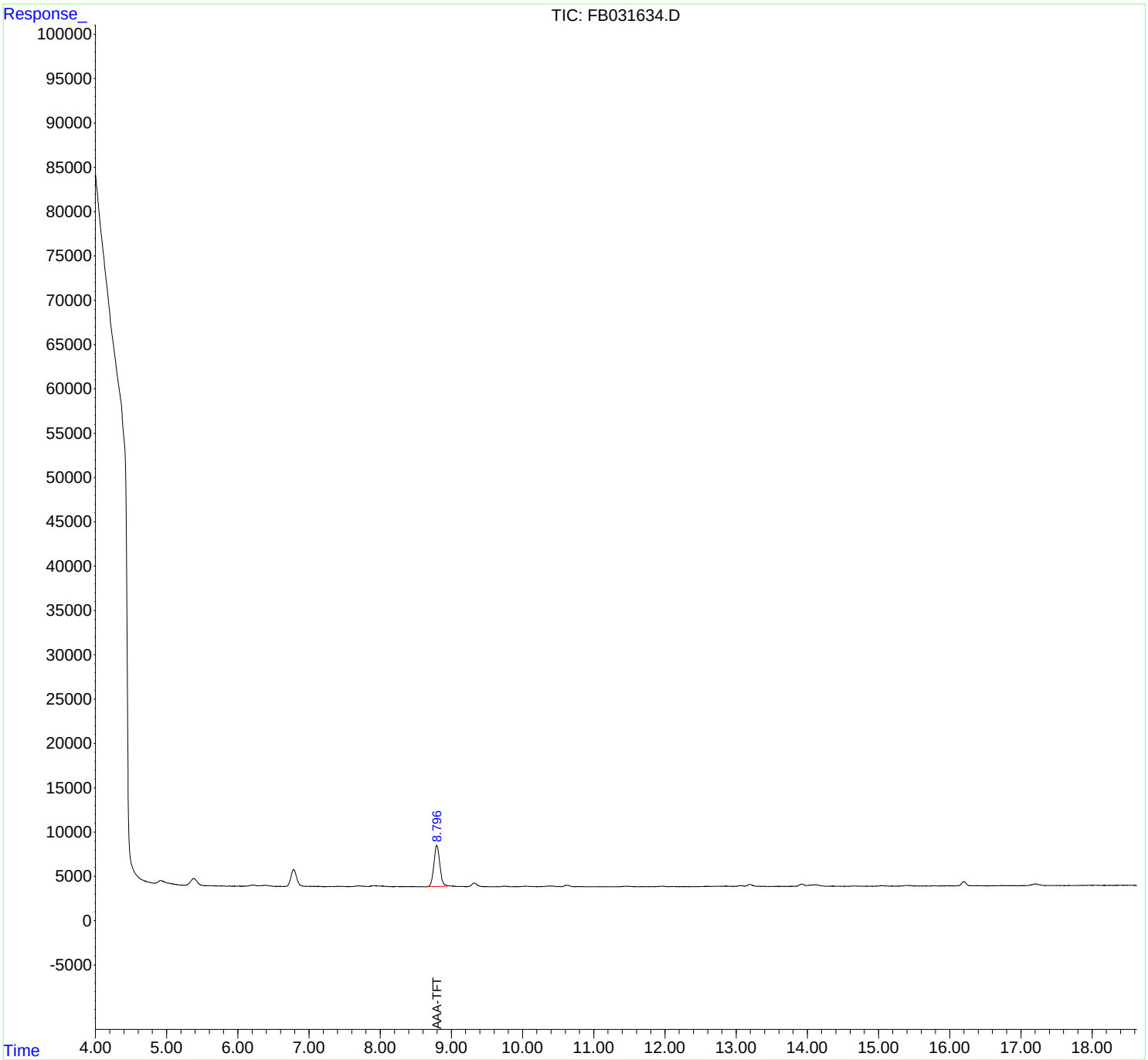
Quantitation Report (QT Reviewed)

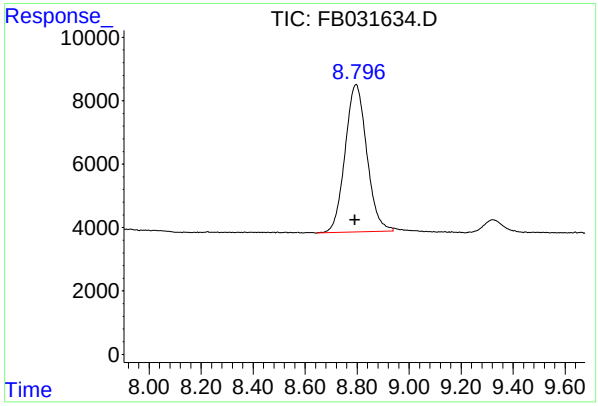
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031634.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:29
Operator : YP/AJ
Sample : Q1812-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
RINSE-EB-TANK-041525

Integration File: Calibration.e
Quant Time: Apr 17 01:37:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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.: 8.797 min
Delta R.T.: 0.005 mi
Response: 269736
Conc: 12.15 ng/m

Instrument :
FID_B
ClientSampleId :
RINSE-EB-TANK-041525

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031634.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:29
Sample : Q1812-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.188	5.180	5.211	PV	12	110	0.04%	0.017%
2	5.220	5.211	5.233	PV	9	50	0.02%	0.007%
3	5.240	5.233	5.261	VV	23	148	0.05%	0.022%
4	5.555	5.544	5.591	VV	19	282	0.10%	0.042%
5	5.598	5.591	5.649	VV	19	348	0.12%	0.052%
6	5.659	5.649	5.675	VV	19	203	0.07%	0.030%
7	5.691	5.675	5.737	PV	31	554	0.20%	0.083%
8	5.756	5.737	5.767	VV	23	267	0.09%	0.040%
9	5.773	5.767	5.798	VV	26	277	0.10%	0.042%
10	5.820	5.798	5.837	VV	25	339	0.12%	0.051%
11	5.869	5.837	5.906	PV	24	482	0.17%	0.072%
12	5.918	5.906	5.926	VV	14	104	0.04%	0.016%
13	5.932	5.926	5.972	VV	14	223	0.08%	0.033%
14	5.989	5.972	6.015	VV	31	359	0.13%	0.054%
15	6.024	6.015	6.043	VV	34	370	0.13%	0.055%
16	6.050	6.043	6.095	VV	31	583	0.21%	0.087%
17	6.124	6.095	6.132	VV	42	593	0.21%	0.089%
18	6.211	6.132	6.297	VV	154	9443	3.34%	1.414%
19	6.382	6.297	6.490	VV	134	10048	3.56%	1.505%
20	6.501	6.490	6.516	VV	32	348	0.12%	0.052%
21	6.526	6.516	6.554	VV	21	248	0.09%	0.037%
22	6.572	6.554	6.580	PV	21	175	0.06%	0.026%
23	6.601	6.580	6.612	VV	19	251	0.09%	0.038%
24	6.659	6.612	6.669	VV	17	357	0.13%	0.054%
25	6.785	6.669	6.937	VV	1920	109172	38.67%	16.350%
26	6.948	6.937	6.959	VV	47	543	0.19%	0.081%
27	6.975	6.959	7.017	VV	37	1141	0.40%	0.171%
28	7.025	7.017	7.042	VV	38	436	0.15%	0.065%
29	7.054	7.042	7.062	VV	41	392	0.14%	0.059%
30	7.074	7.062	7.095	VV	41	611	0.22%	0.092%
31	7.103	7.095	7.113	VV	32	281	0.10%	0.042%
32	7.130	7.113	7.166	VV	43	803	0.28%	0.120%
33	7.177	7.166	7.200	VV	18	288	0.10%	0.043%
34	7.209	7.200	7.231	VV	26	250	0.09%	0.037%
35	7.253	7.231	7.289	PV	23	434	0.15%	0.065%
36	7.299	7.289	7.305	VV	26	143	0.05%	0.021%

rteres

37	7.326	7.305	7.347	VV	29	501	0.18%	0.075%
38	7.388	7.347	7.398	VV	44	831	0.29%	0.124%
39	7.425	7.398	7.437	VV	53	992	0.35%	0.149%
40	7.455	7.437	7.474	VV	47	825	0.29%	0.124%
41	7.482	7.474	7.552	VV	31	957	0.34%	0.143%
42	7.557	7.552	7.585	VV	29	373	0.13%	0.056%
43	7.698	7.585	7.775	VV	97	6976	2.47%	1.045%
44	7.795	7.775	7.812	VV	52	947	0.34%	0.142%
45	7.822	7.812	7.833	VV	37	391	0.14%	0.058%
46	7.909	7.833	7.920	VV	118	4252	1.51%	0.637%
47	7.929	7.920	7.975	VV	122	3222	1.14%	0.483%
48	7.982	7.975	7.992	VV	87	827	0.29%	0.124%
49	7.998	7.992	8.008	VV	89	781	0.28%	0.117%
50	8.017	8.008	8.127	VV	82	3720	1.32%	0.557%
51	8.135	8.127	8.164	VV	32	426	0.15%	0.064%
52	8.173	8.164	8.180	VV	19	146	0.05%	0.022%
53	8.188	8.180	8.205	VV	28	303	0.11%	0.045%
54	8.226	8.205	8.237	VV	41	482	0.17%	0.072%
55	8.263	8.237	8.273	VV	27	479	0.17%	0.072%
56	8.279	8.273	8.284	VV	23	119	0.04%	0.018%
57	8.307	8.284	8.332	VV	26	534	0.19%	0.080%
58	8.343	8.332	8.352	VV	18	201	0.07%	0.030%
59	8.369	8.352	8.380	VV	29	346	0.12%	0.052%
60	8.394	8.380	8.415	VV	28	442	0.16%	0.066%
61	8.424	8.415	8.470	VV	24	632	0.22%	0.095%
62	8.479	8.470	8.487	VV	21	186	0.07%	0.028%
63	8.495	8.487	8.516	VV	32	295	0.10%	0.044%
64	8.527	8.516	8.537	VV	22	220	0.08%	0.033%
65	8.546	8.537	8.557	VV	19	159	0.06%	0.024%
66	8.574	8.557	8.598	VV	22	266	0.09%	0.040%
67	8.620	8.598	8.643	VV	19	352	0.12%	0.053%
68	8.797	8.643	9.058	PV	4685	282346	100.00%	42.284%
69	9.066	9.058	9.107	VV	55	1302	0.46%	0.195%
70	9.125	9.107	9.135	VV	44	659	0.23%	0.099%
71	9.140	9.135	9.188	VV	48	979	0.35%	0.147%
72	9.196	9.188	9.217	VV	32	359	0.13%	0.054%
73	9.324	9.217	9.441	VV	424	23232	8.23%	3.479%
74	9.449	9.441	9.465	VV	35	371	0.13%	0.056%
75	9.497	9.465	9.511	VV	26	607	0.22%	0.091%
76	9.516	9.511	9.544	VV	31	387	0.14%	0.058%
77	9.561	9.544	9.578	VV	16	224	0.08%	0.034%
78	9.584	9.578	9.630	VV	13	296	0.10%	0.044%
79	9.639	9.630	9.649	VV	36	205	0.07%	0.031%
80	9.663	9.649	9.675	VV	31	243	0.09%	0.036%
81	9.684	9.675	9.689	VV	14	75	0.03%	0.011%
82	9.739	9.689	9.829	VV	81	3764	1.33%	0.564%
83	9.839	9.829	9.855	VV	22	254	0.09%	0.038%
84	9.908	9.855	9.935	VV	27	956	0.34%	0.143%
85	10.041	9.935	10.100	VV	79	4813	1.70%	0.721%
86	10.110	10.100	10.140	VV	47	845	0.30%	0.127%
87	10.156	10.140	10.183	VV	37	717	0.25%	0.107%
88	10.232	10.183	10.239	VV	29	614	0.22%	0.092%
89	10.367	10.239	10.375	VV	87	3838	1.36%	0.575%

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90	10.393	10.375	10.474	VV	100	4179	1.48%	0.626%
91	10.484	10.474	10.535	VV	44	1088	0.39%	0.163%
92	10.624	10.535	10.735	VV	184	9933	3.52%	1.488%
93	10.748	10.735	10.758	VV	25	294	0.10%	0.044%
94	10.771	10.758	10.780	VV	33	355	0.13%	0.053%
95	10.790	10.780	10.862	VV	35	1247	0.44%	0.187%
96	10.869	10.862	10.876	VV	21	142	0.05%	0.021%
97	10.886	10.876	10.902	VV	21	209	0.07%	0.031%
98	10.930	10.902	10.949	VV	14	220	0.08%	0.033%
99	10.963	10.949	10.972	VV	19	169	0.06%	0.025%
100	10.994	10.972	11.009	VV	19	278	0.10%	0.042%
101	11.017	11.009	11.042	VV	12	122	0.04%	0.018%
102	11.059	11.042	11.070	VV	14	124	0.04%	0.019%
103	11.081	11.070	11.089	VV	26	118	0.04%	0.018%
104	11.140	11.089	11.154	VV	37	624	0.22%	0.093%
105	11.167	11.154	11.176	VV	17	139	0.05%	0.021%
106	11.192	11.176	11.221	VV	21	379	0.13%	0.057%
107	11.234	11.221	11.245	VV	13	151	0.05%	0.023%
108	11.255	11.245	11.267	VV	19	155	0.05%	0.023%
109	11.274	11.267	11.304	VV	21	198	0.07%	0.030%
110	11.351	11.304	11.367	PV	31	417	0.15%	0.062%
111	11.387	11.367	11.397	VV	26	313	0.11%	0.047%
112	11.451	11.397	11.554	VV	76	4364	1.55%	0.654%
113	11.579	11.554	11.606	VV	29	538	0.19%	0.081%
114	11.615	11.606	11.622	VV	19	140	0.05%	0.021%
115	11.635	11.622	11.643	VV	18	196	0.07%	0.029%
116	11.655	11.643	11.673	VV	24	317	0.11%	0.047%
117	11.681	11.673	11.706	VV	23	317	0.11%	0.048%
118	11.723	11.706	11.742	VV	29	350	0.12%	0.052%
119	11.771	11.742	11.783	VV	28	340	0.12%	0.051%
120	11.799	11.783	11.808	VV	27	199	0.07%	0.030%
121	11.819	11.808	11.831	VV	13	142	0.05%	0.021%
122	11.849	11.831	11.899	VV	27	776	0.27%	0.116%
123	11.943	11.899	11.953	VV	59	1461	0.52%	0.219%
124	11.958	11.953	12.022	VV	56	1657	0.59%	0.248%
125	12.049	12.022	12.072	VV	27	479	0.17%	0.072%
126	12.087	12.072	12.105	VV	32	418	0.15%	0.063%
127	12.131	12.105	12.156	VV	33	646	0.23%	0.097%
128	12.166	12.156	12.180	VV	16	162	0.06%	0.024%
129	12.189	12.180	12.239	VV	16	439	0.16%	0.066%
130	12.261	12.239	12.269	VV	13	159	0.06%	0.024%
131	12.307	12.269	12.320	VV	27	438	0.16%	0.066%
132	12.341	12.320	12.352	VV	20	219	0.08%	0.033%
133	12.366	12.352	12.395	VV	16	147	0.05%	0.022%
134	12.406	12.395	12.435	VV	16	267	0.09%	0.040%
135	12.453	12.435	12.468	VV	21	237	0.08%	0.036%
136	12.481	12.468	12.500	VV	15	218	0.08%	0.033%
137	12.540	12.500	12.547	VV	29	558	0.20%	0.084%
138	12.590	12.547	12.614	VV	49	1444	0.51%	0.216%
139	12.623	12.614	12.654	VV	41	791	0.28%	0.118%
140	12.662	12.654	12.670	VV	34	314	0.11%	0.047%
141	12.698	12.670	12.717	VV	45	1126	0.40%	0.169%

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142	12.728	12.717	12.740	VV	49	612	0.22%	0.092%
143	12.765	12.740	12.782	VV	58	1133	0.40%	0.170%
144	12.793	12.782	12.801	VV	51	536	0.19%	0.080%
145	12.809	12.801	12.818	VV	52	469	0.17%	0.070%
146	12.846	12.818	12.892	VV	64	2313	0.82%	0.346%
147	12.903	12.892	12.928	VV	55	919	0.33%	0.138%
148	12.940	12.928	12.954	VV	38	514	0.18%	0.077%
149	12.963	12.954	12.981	VV	35	525	0.19%	0.079%
150	12.994	12.981	13.006	VV	48	553	0.20%	0.083%
151	13.058	13.006	13.124	VV	120	5768	2.04%	0.864%
152	13.195	13.124	13.344	VV	240	14447	5.12%	2.164%
153	13.352	13.344	13.360	VV	35	281	0.10%	0.042%
154	13.369	13.360	13.379	VV	47	392	0.14%	0.059%
155	13.389	13.379	13.397	VV	47	400	0.14%	0.060%
156	13.404	13.397	13.427	VV	43	471	0.17%	0.071%
157	13.435	13.427	13.448	VV	21	183	0.06%	0.027%
158	13.471	13.448	13.491	VV	33	398	0.14%	0.060%
159	13.525	13.491	13.553	PV	26	687	0.24%	0.103%
160	13.564	13.553	13.573	VV	27	260	0.09%	0.039%
161	13.608	13.573	13.616	VV	26	525	0.19%	0.079%
162	13.629	13.616	13.642	VV	26	328	0.12%	0.049%
163	13.652	13.642	13.675	VV	32	444	0.16%	0.067%
164	13.699	13.675	13.728	VV	34	596	0.21%	0.089%
165	13.737	13.728	13.744	VV	21	168	0.06%	0.025%
166	13.756	13.744	13.774	VV	33	403	0.14%	0.060%
167	13.786	13.774	13.796	VV	33	314	0.11%	0.047%
168	13.810	13.796	13.819	VV	32	349	0.12%	0.052%
169	13.826	13.819	13.843	VV	38	364	0.13%	0.055%
170	13.921	13.843	13.985	VV	280	14169	5.02%	2.122%
171	14.031	13.985	14.047	VV	157	4788	1.70%	0.717%
172	14.076	14.047	14.092	VV	190	4560	1.61%	0.683%
173	14.105	14.092	14.114	VV	191	2338	0.83%	0.350%
174	14.128	14.114	14.255	VV	188	8671	3.07%	1.299%
175	14.263	14.255	14.297	VV	31	612	0.22%	0.092%
176	14.311	14.297	14.319	VV	43	384	0.14%	0.058%
177	14.327	14.319	14.335	VV	36	274	0.10%	0.041%
178	14.348	14.335	14.357	VV	43	458	0.16%	0.069%
179	14.370	14.357	14.399	VV	41	739	0.26%	0.111%
180	14.414	14.399	14.423	VV	25	273	0.10%	0.041%
181	14.433	14.423	14.474	VV	27	477	0.17%	0.071%
182	14.490	14.474	14.524	PV	22	385	0.14%	0.058%
183	14.548	14.524	14.557	PV	21	332	0.12%	0.050%
184	14.564	14.557	14.591	VV	22	347	0.12%	0.052%
185	14.600	14.591	14.607	VV	23	162	0.06%	0.024%
186	14.650	14.607	14.659	VV	48	1017	0.36%	0.152%
187	14.669	14.659	14.682	VV	44	533	0.19%	0.080%
188	14.690	14.682	14.714	VV	41	559	0.20%	0.084%
189	14.722	14.714	14.766	VV	27	330	0.12%	0.049%
190	14.781	14.766	14.801	VV	17	269	0.10%	0.040%
191	14.821	14.801	14.866	VV	27	711	0.25%	0.107%
192	14.906	14.866	14.924	VV	28	572	0.20%	0.086%
193	14.942	14.924	14.949	VV	17	179	0.06%	0.027%
194	14.992	14.949	14.999	VV	37	679	0.24%	0.102%

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195	15.035	14.999	15.043	VV	76	1373	0.49%	0.206%
196	15.055	15.043	15.089	VV	92	1795	0.64%	0.269%
197	15.097	15.089	15.125	VV	57	855	0.30%	0.128%
198	15.134	15.125	15.150	VV	40	344	0.12%	0.051%
199	15.180	15.150	15.202	VV	28	587	0.21%	0.088%
200	15.212	15.202	15.233	VV	28	264	0.09%	0.040%
201	15.247	15.233	15.257	VV	19	169	0.06%	0.025%
202	15.287	15.257	15.297	VV	18	289	0.10%	0.043%
203	15.365	15.297	15.378	VV	90	2207	0.78%	0.331%
204	15.392	15.378	15.440	VV	90	2864	1.01%	0.429%
205	15.450	15.440	15.482	VV	69	1325	0.47%	0.198%
206	15.509	15.482	15.535	VV	49	1168	0.41%	0.175%
207	15.548	15.535	15.573	VV	33	448	0.16%	0.067%
208	15.581	15.573	15.590	VV	25	216	0.08%	0.032%
209	15.598	15.590	15.615	VV	29	253	0.09%	0.038%
210	15.632	15.615	15.646	VV	32	353	0.13%	0.053%
211	15.664	15.646	15.701	VV	35	644	0.23%	0.096%
212	15.734	15.701	15.749	VV	35	784	0.28%	0.117%
213	15.769	15.749	15.849	VV	48	1783	0.63%	0.267%
214	15.860	15.849	15.869	VV	35	327	0.12%	0.049%
215	15.882	15.869	15.890	VV	28	302	0.11%	0.045%
216	15.912	15.890	15.932	VV	45	780	0.28%	0.117%
217	15.938	15.932	15.947	VV	49	347	0.12%	0.052%
218	15.957	15.947	15.969	VV	46	519	0.18%	0.078%
219	15.983	15.969	16.004	VV	53	735	0.26%	0.110%
220	16.015	16.004	16.052	VV	25	638	0.23%	0.096%
221	16.059	16.052	16.085	VV	37	484	0.17%	0.072%
222	16.198	16.085	16.319	VV	498	24910	8.82%	3.730%
223	16.327	16.319	16.362	VV	40	805	0.29%	0.121%
224	16.384	16.362	16.449	VV	45	1642	0.58%	0.246%
225	16.456	16.449	16.483	VV	36	424	0.15%	0.064%
226	16.492	16.483	16.511	VV	28	249	0.09%	0.037%
227	16.524	16.511	16.535	PV	41	257	0.09%	0.038%
228	16.548	16.535	16.561	VV	8	103	0.04%	0.015%
229	16.573	16.561	16.581	VV	16	117	0.04%	0.018%
230	16.602	16.581	16.645	VV	28	438	0.16%	0.066%
231	16.672	16.645	16.683	PV	12	123	0.04%	0.018%
			Sum of corrected areas:			667732		

FB032625.M Thu Apr 17 01:55:39 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:	04/15/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/15/25
Client Sample ID:	RINSE-EB-PUMP-041525	SDG No.:	Q1812
Lab Sample ID:	Q1812-03	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
FB031635.D	1	04/16/25 11:57	FB041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	10.0	J	6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	12.8		50 - 150	64%	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\FB041625\
Data File : FB031635.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:57
Operator : YP/AJ
Sample : Q1812-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
RINSE-EB-PUMP-041525

Integration File: Calibration.e
Quant Time: Apr 17 01:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.795	283777	12.784 ng/ml
Target Compounds				

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

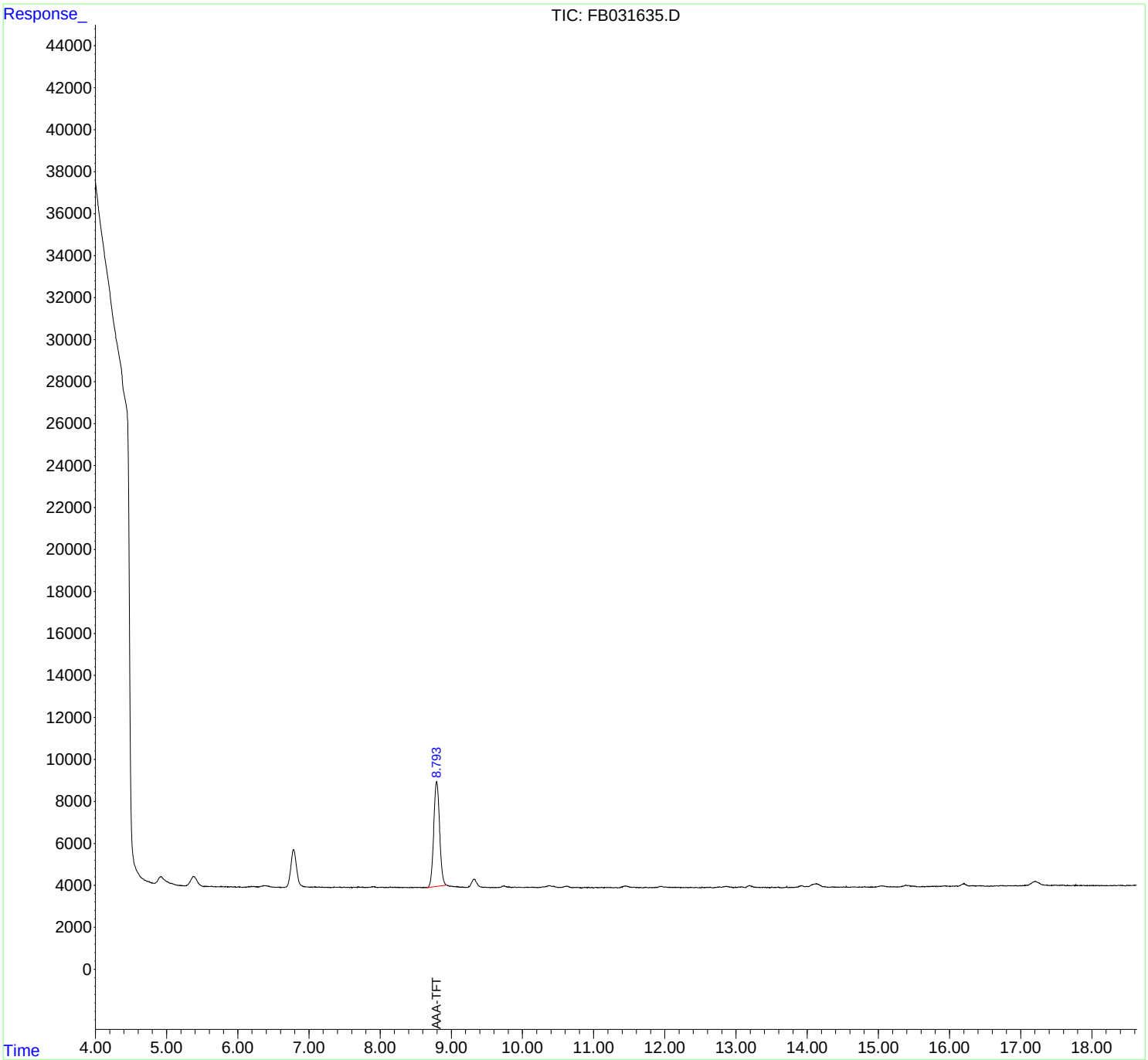
Quantitation Report (QT Reviewed)

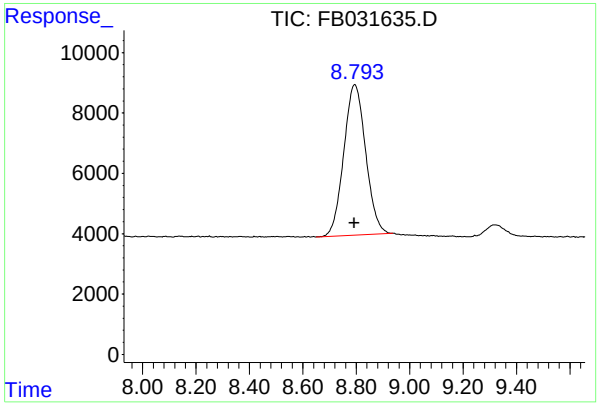
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031635.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:57
Operator : YP/AJ
Sample : Q1812-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
RINSE-EB-PUMP-041525

Integration File: Calibration.e
Quant Time: Apr 17 01:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#5 AAA-TFT

R.T.: 8.795 min
Delta R.T.: 0.002 mi
Response: 283777
Conc: 12.78 ng/m

Instrument :
FID_B
ClientSampleId :
RINSE-EB-PUMP-041525

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031635.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 11:57
Sample : Q1812-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.116	5.109	5.221	VV	27	558	0.18%	0.090%
2	5.229	5.221	5.242	VV	17	122	0.04%	0.020%
3	5.250	5.242	5.258	PV	15	75	0.02%	0.012%
4	5.530	5.517	5.540	VV	28	184	0.06%	0.030%
5	5.554	5.540	5.571	PV	14	190	0.06%	0.031%
6	5.579	5.571	5.588	VV	14	101	0.03%	0.016%
7	5.601	5.588	5.616	VV	16	185	0.06%	0.030%
8	5.627	5.616	5.674	VV	26	488	0.16%	0.078%
9	5.683	5.674	5.694	VV	20	100	0.03%	0.016%
10	5.707	5.694	5.726	PV	13	140	0.05%	0.022%
11	5.733	5.726	5.751	VV	10	106	0.03%	0.017%
12	5.764	5.751	5.775	VV	40	267	0.09%	0.043%
13	5.784	5.775	5.818	VV	18	294	0.10%	0.047%
14	5.834	5.818	5.848	VV	24	286	0.09%	0.046%
15	5.865	5.848	5.892	VV	13	258	0.09%	0.042%
16	5.907	5.892	5.939	VV	25	382	0.13%	0.061%
17	5.953	5.939	5.992	VV	20	279	0.09%	0.045%
18	6.006	5.992	6.067	PV	25	543	0.18%	0.087%
19	6.096	6.067	6.115	PV	21	295	0.10%	0.047%
20	6.148	6.115	6.174	VV	37	849	0.28%	0.136%
21	6.196	6.174	6.212	VV	50	849	0.28%	0.136%
22	6.228	6.212	6.259	VV	52	1017	0.34%	0.163%
23	6.266	6.259	6.272	VV	40	243	0.08%	0.039%
24	6.277	6.272	6.301	VV	36	491	0.16%	0.079%
25	6.368	6.301	6.400	VV	92	3913	1.29%	0.629%
26	6.409	6.400	6.422	VV	82	967	0.32%	0.155%
27	6.434	6.422	6.466	VV	67	1278	0.42%	0.205%
28	6.474	6.466	6.489	VV	35	354	0.12%	0.057%
29	6.497	6.489	6.512	VV	31	271	0.09%	0.043%
30	6.521	6.512	6.556	VV	15	317	0.10%	0.051%
31	6.567	6.556	6.602	VV	24	389	0.13%	0.063%
32	6.612	6.602	6.640	PV	14	164	0.05%	0.026%
33	6.785	6.640	6.944	VV	1814	102831	33.99%	16.522%
34	6.959	6.944	7.003	VV	46	1106	0.37%	0.178%
35	7.039	7.003	7.048	VV	40	703	0.23%	0.113%
36	7.086	7.048	7.128	VV	37	1249	0.41%	0.201%

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37	7.141	7.128	7.161	VV	38	468	0.15%	0.075%
38	7.181	7.161	7.231	VV	34	762	0.25%	0.122%
39	7.238	7.231	7.256	VV	16	168	0.06%	0.027%
40	7.265	7.256	7.273	VV	19	106	0.04%	0.017%
41	7.283	7.273	7.310	VV	14	180	0.06%	0.029%
42	7.354	7.310	7.368	PV	37	565	0.19%	0.091%
43	7.439	7.368	7.470	VV	35	1205	0.40%	0.194%
44	7.494	7.470	7.521	VV	31	510	0.17%	0.082%
45	7.530	7.521	7.543	VV	20	172	0.06%	0.028%
46	7.554	7.543	7.570	VV	23	183	0.06%	0.029%
47	7.580	7.570	7.584	VV	10	75	0.02%	0.012%
48	7.594	7.584	7.612	VV	29	248	0.08%	0.040%
49	7.628	7.612	7.649	VV	25	377	0.12%	0.061%
50	7.694	7.649	7.724	VV	39	1141	0.38%	0.183%
51	7.743	7.724	7.777	VV	37	673	0.22%	0.108%
52	7.785	7.777	7.792	VV	18	116	0.04%	0.019%
53	7.808	7.792	7.819	VV	22	236	0.08%	0.038%
54	7.835	7.819	7.844	VV	29	280	0.09%	0.045%
55	7.891	7.844	7.899	VV	52	1045	0.35%	0.168%
56	7.911	7.899	7.961	VV	49	1272	0.42%	0.204%
57	7.975	7.961	7.991	VV	28	306	0.10%	0.049%
58	8.001	7.991	8.014	VV	26	232	0.08%	0.037%
59	8.023	8.014	8.075	VV	34	668	0.22%	0.107%
60	8.085	8.075	8.114	VV	27	405	0.13%	0.065%
61	8.138	8.114	8.169	VV	34	689	0.23%	0.111%
62	8.186	8.169	8.197	VV	29	313	0.10%	0.050%
63	8.210	8.197	8.267	VV	39	814	0.27%	0.131%
64	8.276	8.267	8.283	VV	21	128	0.04%	0.021%
65	8.293	8.283	8.322	VV	24	357	0.12%	0.057%
66	8.330	8.322	8.345	VV	17	186	0.06%	0.030%
67	8.367	8.345	8.408	VV	29	560	0.18%	0.090%
68	8.419	8.408	8.430	VV	24	181	0.06%	0.029%
69	8.439	8.430	8.477	VV	26	385	0.13%	0.062%
70	8.505	8.477	8.525	VV	26	529	0.17%	0.085%
71	8.545	8.525	8.574	VV	29	543	0.18%	0.087%
72	8.582	8.574	8.600	VV	13	174	0.06%	0.028%
73	8.621	8.600	8.629	VV	25	253	0.08%	0.041%
74	8.795	8.629	9.075	VV	5064	302568	100.00%	48.615%
75	9.088	9.075	9.097	VV	63	729	0.24%	0.117%
76	9.102	9.097	9.138	VV	55	1006	0.33%	0.162%
77	9.162	9.138	9.214	VV	45	1420	0.47%	0.228%
78	9.321	9.214	9.454	VV	414	23672	7.82%	3.804%
79	9.468	9.454	9.498	VV	45	817	0.27%	0.131%
80	9.506	9.498	9.522	VV	34	367	0.12%	0.059%
81	9.530	9.522	9.553	VV	31	404	0.13%	0.065%
82	9.566	9.553	9.576	VV	30	285	0.09%	0.046%
83	9.591	9.576	9.604	VV	39	403	0.13%	0.065%
84	9.614	9.604	9.632	VV	29	285	0.09%	0.046%
85	9.643	9.632	9.658	VV	26	314	0.10%	0.050%
86	9.741	9.658	9.845	VV	101	6094	2.01%	0.979%
87	9.892	9.845	9.928	VV	49	1530	0.51%	0.246%
88	9.939	9.928	9.958	VV	40	625	0.21%	0.100%
89	9.967	9.958	9.998	VV	42	697	0.23%	0.112%

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90	10.009	9.998	10.026	VV	27	413	0.14%	0.066%
91	10.047	10.026	10.066	VV	41	715	0.24%	0.115%
92	10.075	10.066	10.100	VV	43	659	0.22%	0.106%
93	10.116	10.100	10.129	VV	37	551	0.18%	0.088%
94	10.139	10.129	10.157	VV	41	608	0.20%	0.098%
95	10.165	10.157	10.186	VV	38	538	0.18%	0.086%
96	10.196	10.186	10.221	VV	31	497	0.16%	0.080%
97	10.289	10.221	10.306	VV	62	2082	0.69%	0.335%
98	10.338	10.306	10.345	VV	87	1612	0.53%	0.259%
99	10.373	10.345	10.419	VV	114	4310	1.42%	0.692%
100	10.431	10.419	10.507	VV	91	3140	1.04%	0.504%
101	10.516	10.507	10.527	VV	45	403	0.13%	0.065%
102	10.535	10.527	10.545	VV	38	339	0.11%	0.054%
103	10.559	10.545	10.565	VV	47	464	0.15%	0.074%
104	10.632	10.565	10.697	VV	93	4862	1.61%	0.781%
105	10.751	10.697	10.760	VV	37	1055	0.35%	0.169%
106	10.777	10.760	10.797	VV	37	626	0.21%	0.101%
107	10.810	10.797	10.830	VV	28	339	0.11%	0.054%
108	10.851	10.830	10.858	PV	31	275	0.09%	0.044%
109	10.880	10.858	10.913	VV	38	959	0.32%	0.154%
110	10.932	10.913	10.956	VV	55	774	0.26%	0.124%
111	10.978	10.956	10.997	VV	38	582	0.19%	0.094%
112	11.029	10.997	11.078	PV	46	1251	0.41%	0.201%
113	11.085	11.078	11.092	VV	26	200	0.07%	0.032%
114	11.114	11.092	11.145	VV	38	937	0.31%	0.151%
115	11.172	11.145	11.185	VV	29	537	0.18%	0.086%
116	11.202	11.185	11.216	VV	39	500	0.17%	0.080%
117	11.233	11.216	11.262	VV	42	752	0.25%	0.121%
118	11.271	11.262	11.279	VV	17	163	0.05%	0.026%
119	11.306	11.279	11.315	VV	30	453	0.15%	0.073%
120	11.323	11.315	11.340	VV	30	324	0.11%	0.052%
121	11.383	11.340	11.394	VV	52	906	0.30%	0.146%
122	11.442	11.394	11.455	VV	111	2910	0.96%	0.468%
123	11.468	11.455	11.540	VV	95	3088	1.02%	0.496%
124	11.565	11.540	11.604	VV	45	1315	0.43%	0.211%
125	11.615	11.604	11.634	VV	39	442	0.15%	0.071%
126	11.658	11.634	11.682	VV	41	641	0.21%	0.103%
127	11.687	11.682	11.696	VV	20	130	0.04%	0.021%
128	11.713	11.696	11.776	VV	35	1114	0.37%	0.179%
129	11.791	11.776	11.805	VV	36	410	0.14%	0.066%
130	11.871	11.805	11.882	VV	34	1038	0.34%	0.167%
131	11.936	11.882	12.047	VV	81	5053	1.67%	0.812%
132	12.054	12.047	12.077	VV	38	592	0.20%	0.095%
133	12.091	12.077	12.119	VV	37	760	0.25%	0.122%
134	12.142	12.119	12.168	VV	33	827	0.27%	0.133%
135	12.188	12.168	12.279	VV	35	1588	0.52%	0.255%
136	12.299	12.279	12.338	VV	32	782	0.26%	0.126%
137	12.354	12.338	12.408	VV	33	901	0.30%	0.145%
138	12.441	12.408	12.465	VV	33	690	0.23%	0.111%
139	12.492	12.465	12.508	VV	17	334	0.11%	0.054%
140	12.524	12.508	12.570	VV	39	785	0.26%	0.126%
141	12.589	12.570	12.617	VV	34	842	0.28%	0.135%

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142	12.628	12.617	12.695	VV	31	859	0.28%	0.138%
143	12.766	12.695	12.792	VV	52	1946	0.64%	0.313%
144	12.867	12.792	12.967	VV	76	5120	1.69%	0.823%
145	13.082	12.967	13.121	VV	57	3055	1.01%	0.491%
146	13.191	13.121	13.309	VV	108	6203	2.05%	0.997%
147	13.326	13.309	13.342	VV	25	445	0.15%	0.072%
148	13.355	13.342	13.383	VV	28	539	0.18%	0.087%
149	13.412	13.383	13.436	VV	36	689	0.23%	0.111%
150	13.447	13.436	13.483	VV	20	429	0.14%	0.069%
151	13.506	13.483	13.533	VV	40	720	0.24%	0.116%
152	13.595	13.533	13.642	VV	35	1226	0.41%	0.197%
153	13.711	13.642	13.734	PV	34	974	0.32%	0.156%
154	13.750	13.734	13.820	VV	27	891	0.29%	0.143%
155	13.916	13.820	13.969	VV	99	5046	1.67%	0.811%
156	13.995	13.969	14.011	VV	66	1406	0.46%	0.226%
157	14.127	14.011	14.312	VV	194	17441	5.76%	2.802%
158	14.353	14.312	14.423	VV	36	1446	0.48%	0.232%
159	14.440	14.423	14.460	VV	22	398	0.13%	0.064%
160	14.480	14.460	14.493	VV	26	374	0.12%	0.060%
161	14.509	14.493	14.537	VV	30	561	0.19%	0.090%
162	14.551	14.537	14.610	VV	41	689	0.23%	0.111%
163	14.684	14.610	14.706	VV	28	1031	0.34%	0.166%
164	14.812	14.706	14.883	VV	32	1599	0.53%	0.257%
165	14.895	14.883	14.909	PV	23	211	0.07%	0.034%
166	14.929	14.909	14.944	VV	17	248	0.08%	0.040%
167	15.048	14.944	15.212	VV	72	5448	1.80%	0.875%
168	15.224	15.212	15.245	VV	24	314	0.10%	0.050%
169	15.391	15.245	15.420	VV	98	4351	1.44%	0.699%
170	15.427	15.420	15.584	VV	80	3503	1.16%	0.563%
171	15.632	15.584	15.671	PV	21	692	0.23%	0.111%
172	15.702	15.671	15.779	VV	34	1370	0.45%	0.220%
173	15.821	15.779	15.836	VV	41	889	0.29%	0.143%
174	15.855	15.836	15.886	VV	28	629	0.21%	0.101%
175	15.942	15.886	15.960	VV	51	1423	0.47%	0.229%
176	15.973	15.960	16.032	VV	40	1027	0.34%	0.165%
177	16.092	16.032	16.112	VV	38	1311	0.43%	0.211%
178	16.206	16.112	16.297	VV	141	7699	2.54%	1.237%
179	16.329	16.297	16.375	VV	49	1455	0.48%	0.234%
180	16.440	16.375	16.525	VV	39	2129	0.70%	0.342%
181	16.540	16.525	16.561	VV	17	254	0.08%	0.041%
182	16.576	16.561	16.614	PV	21	247	0.08%	0.040%
183	16.664	16.614	16.684	PV	19	452	0.15%	0.073%

Sum of corrected areas: 622374

FB032625.M Thu Apr 17 01:57:16 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.: Q1812 SAS No.: Q1812 SDG No.: Q1812

Calibration Sequence : FB032625		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1388669	30859	FB031615.D
90	2858735	31764	FB031616.D
180	6249883	34722	FB031617.D
450	16663695	37030	FB031618.D
900	34044136	37827	FB031619.D

AVG RF : 34440 **% RSD : 8.978** **AVG RT : 8.793**

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031615.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 10:37
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: Mar 26 11:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 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	8.794	103791	5.013 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.727	162221	6.342 ng/ml
2) t	2,2,4-Trimethylpentane	7.421	231759	6.415 ng/ml
3) t	n-Heptane	7.756	63215	1.980 ng/ml
4) t	Benzene	7.895	84970	2.030 ng/ml
6) t	Toluene	10.620	247281	6.178 ng/ml
7) t	Ethylbenzene	13.056	83145	2.302 ng/ml
8) t	m-Xylene	13.190	184447	4.662 ng/ml
9) t	O-Xylene	13.918	178826	4.787 ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	152805	5.451 ng/ml

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

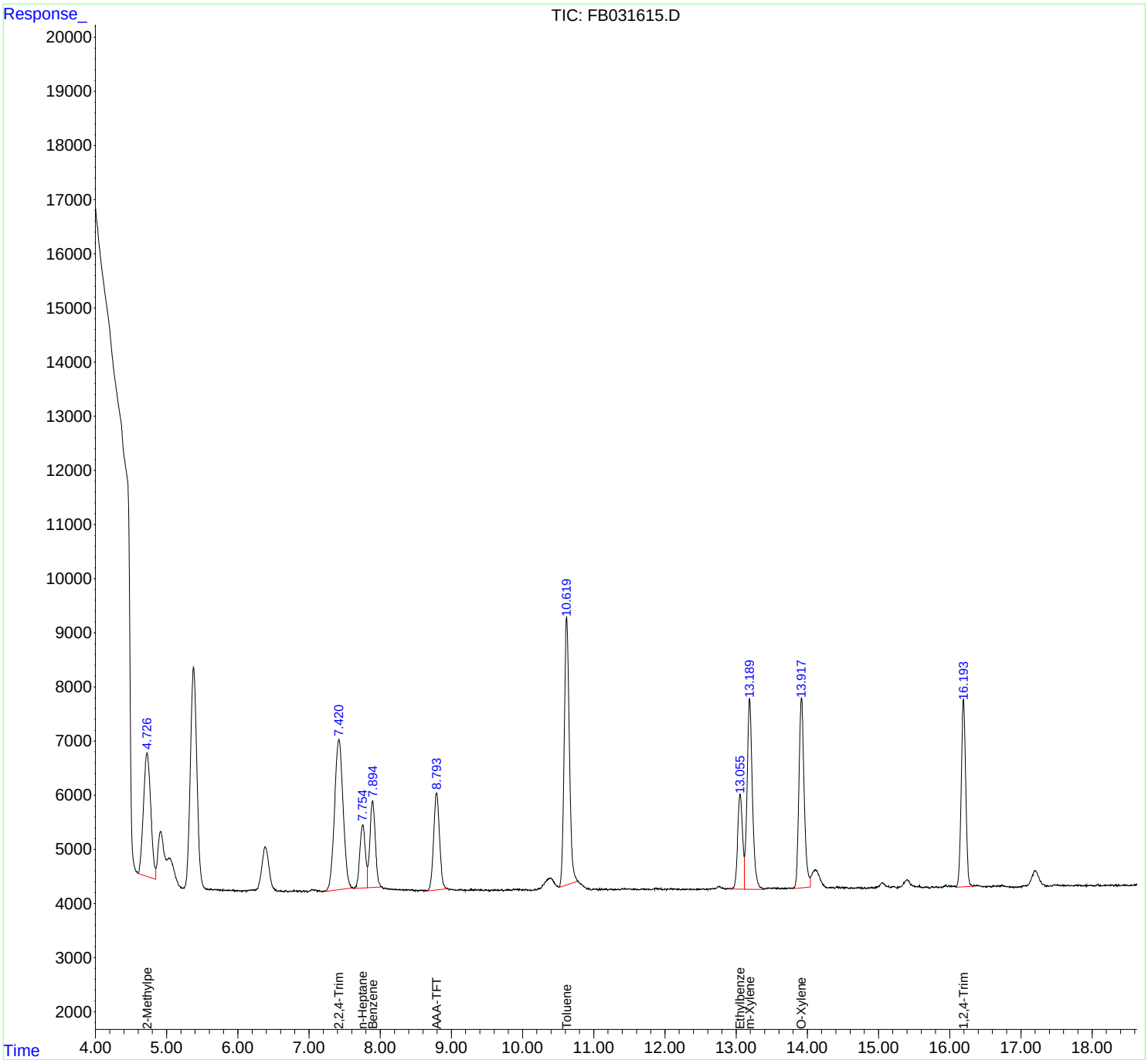
Quantitation Report (QT Reviewed)

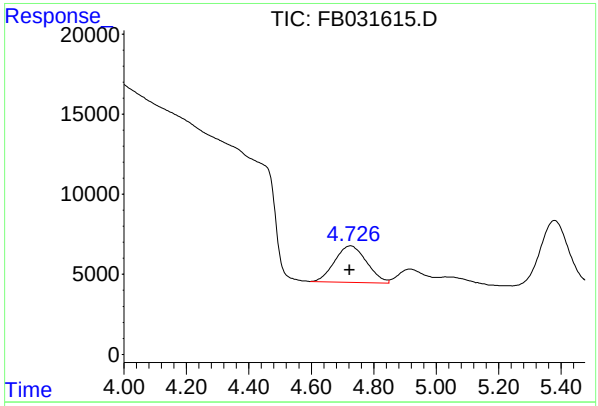
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031615.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 10:37
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Mar 26 11:30:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

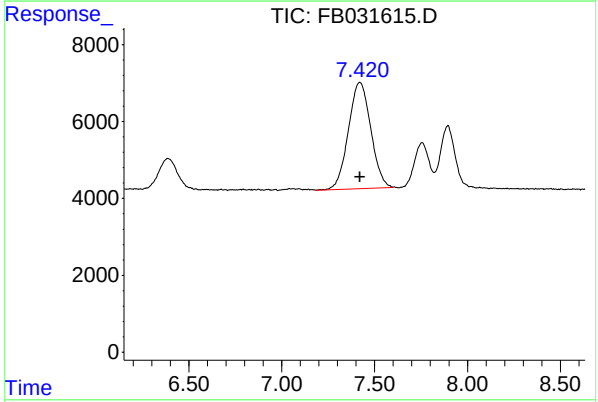




#1 2-Methylpentane

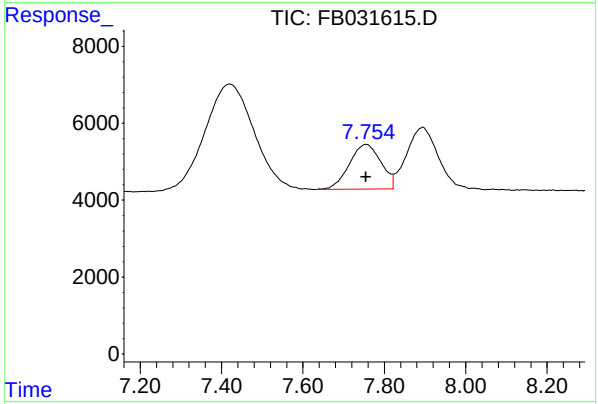
R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 162221
Conc: 6.34 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



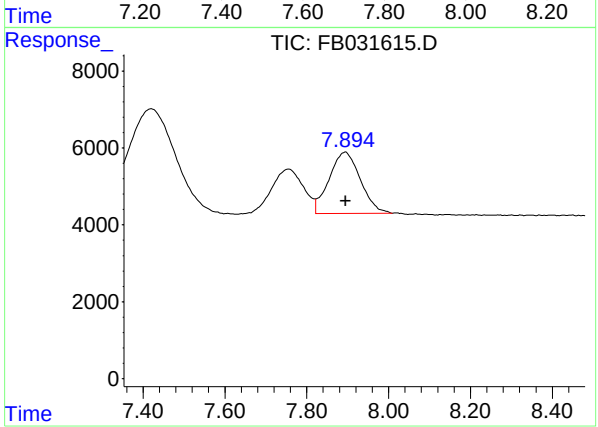
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 231759
Conc: 6.42 ng/ml



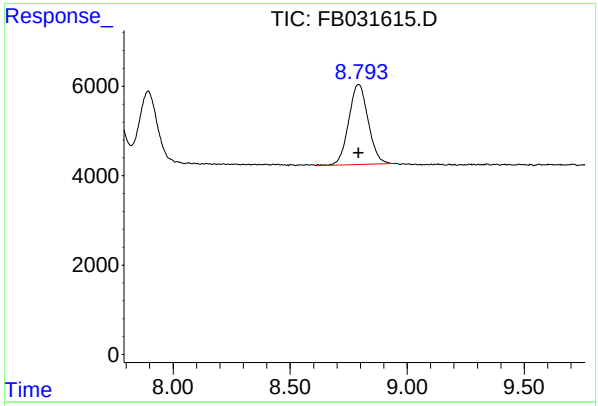
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.000 min
Response: 63215
Conc: 1.98 ng/ml



#4 Benzene

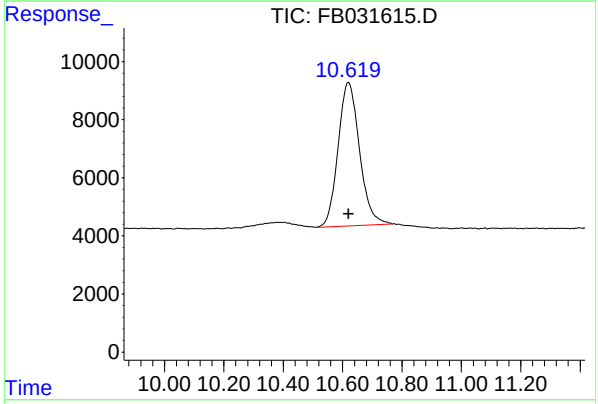
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 84970
Conc: 2.03 ng/ml



#5 AAA-TFT

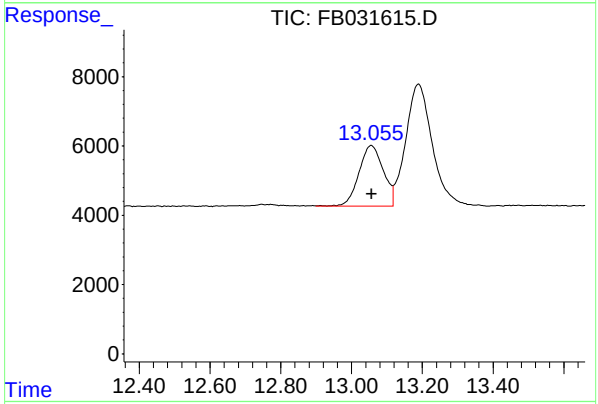
R.T.: 8.794 min
Delta R.T.: 0.002 min
Response: 103791
Conc: 5.01 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



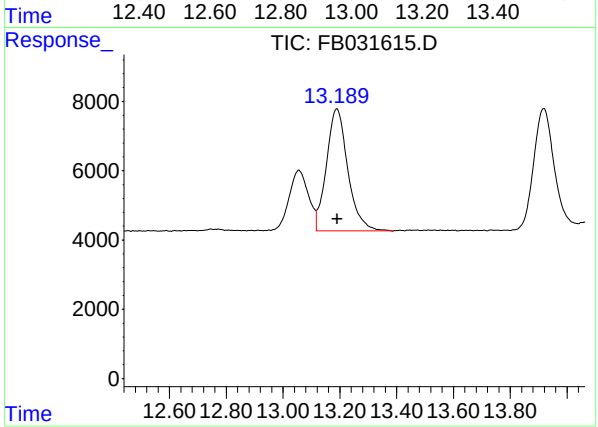
#6 Toluene

R.T.: 10.620 min
Delta R.T.: 0.000 min
Response: 247281
Conc: 6.18 ng/ml



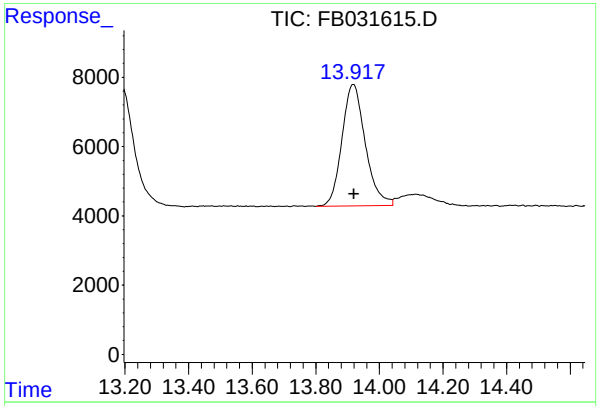
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: -0.001 min
Response: 83145
Conc: 2.30 ng/ml



#8 m-Xylene

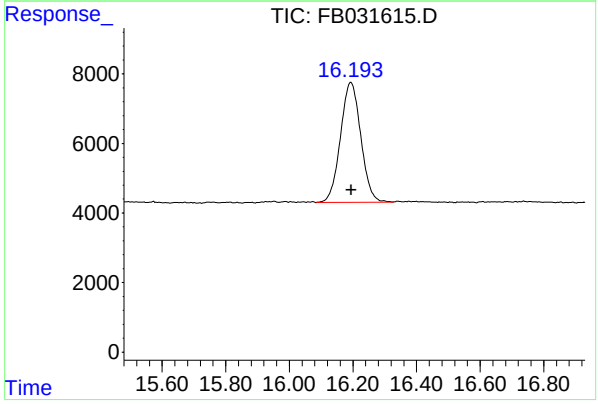
R.T.: 13.190 min
Delta R.T.: -0.001 min
Response: 184447
Conc: 4.66 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: -0.001 mi
Response: 178826
Conc: 4.79 ng/m

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: -0.001 min
Response: 152805
Conc: 5.45 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031615.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 10:37
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.727	4.596	4.848	PV	2281	162221	65.60%	10.869%
2	7.421	7.184	7.599	PV	2770	231759	93.72%	15.529%
3	7.756	7.632	7.822	BV	1167	63215	25.56%	4.236%
4	7.895	7.822	8.010	VV	1601	84970	34.36%	5.693%
5	8.794	8.611	8.940	PV	1793	103791	41.97%	6.954%
6	10.620	10.510	10.770	PV	4947	247281	100.00%	16.569%
7	13.056	12.900	13.117	VV	1757	83145	33.62%	5.571%
8	13.190	13.117	13.388	VV	3530	184447	74.59%	12.359%
9	13.918	13.800	14.042	PV	3507	178826	72.32%	11.982%
10	16.194	16.085	16.327	PV	3453	152805	61.79%	10.238%

Sum of corrected areas: 1492459

FB032625.M Thu Mar 27 03:21:21 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031616.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:05
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: Mar 26 11:30:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	205792	9.927	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.724	334475	14.171	ng/ml
2) t	2,2,4-Trimethylpentane	7.423	493005	14.711	ng/ml
3) t	n-Heptane	7.754	147613	5.161	ng/ml
4) t	Benzene	7.894	192370	5.073	ng/ml
6) t	Toluene	10.621	555792	15.228	ng/ml
7) t	Ethylbenzene	13.057	166421	4.798	ng/ml
8) t	m-Xylene	13.190	362675	9.488	ng/ml
9) t	O-Xylene	13.918	343753	9.402	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	262631	8.964	ng/ml

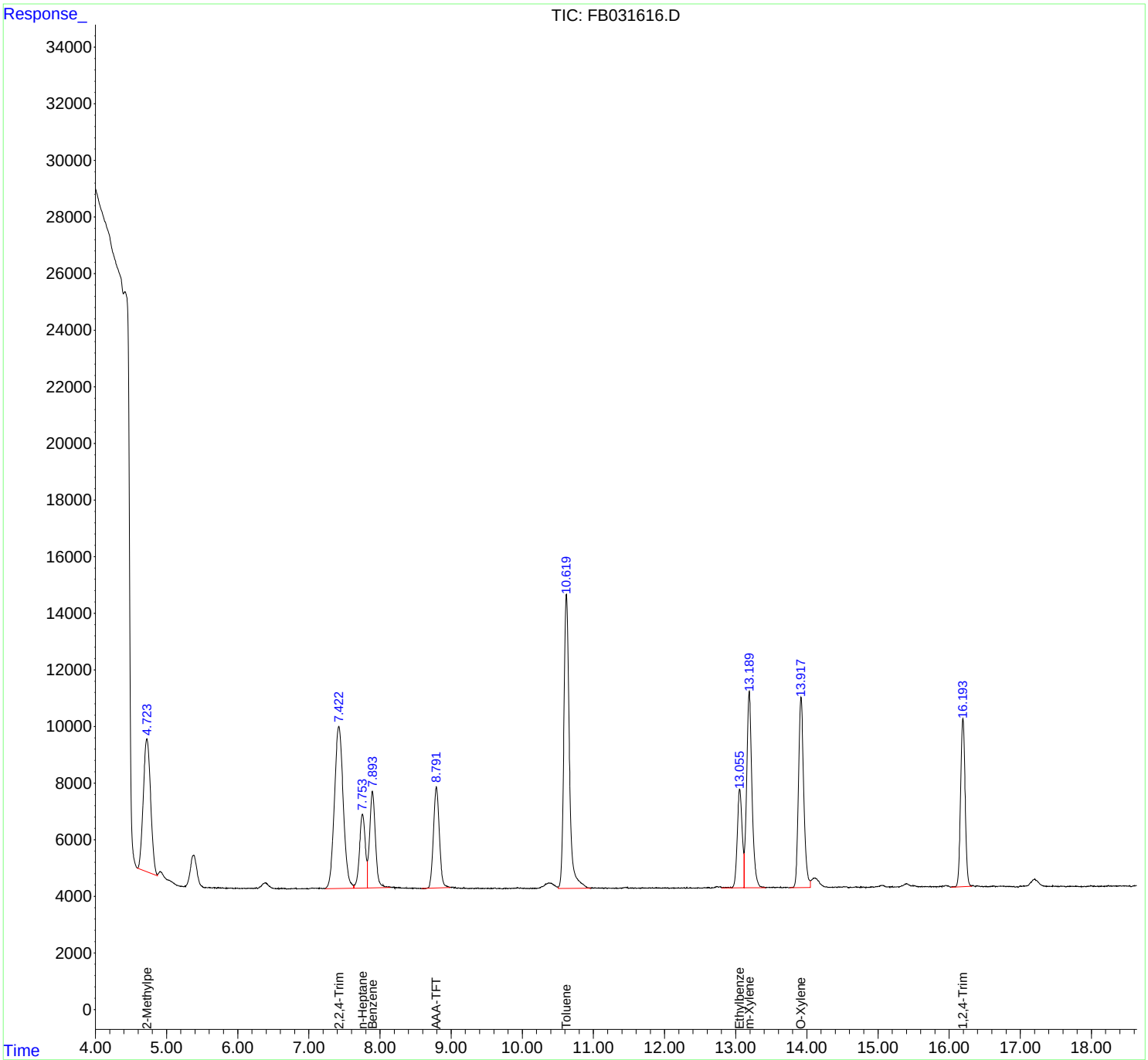
(f)=RT Delta > 1/2 Window (m)=manual int.

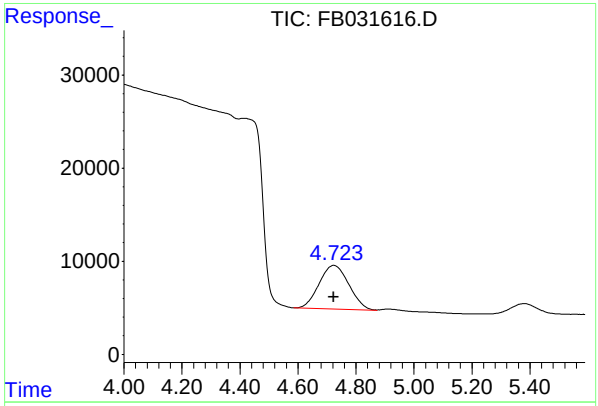
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031616.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:05
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Mar 26 11:30:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

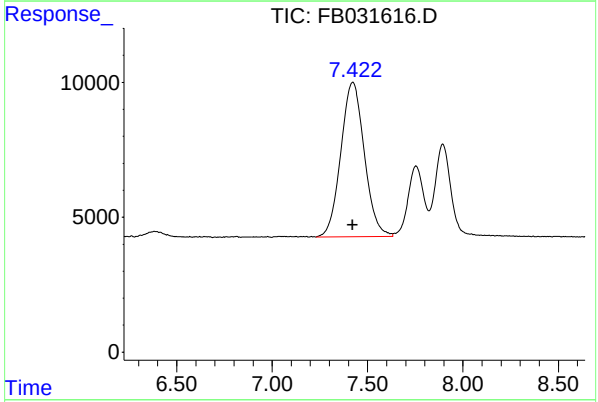




#1 2-Methylpentane

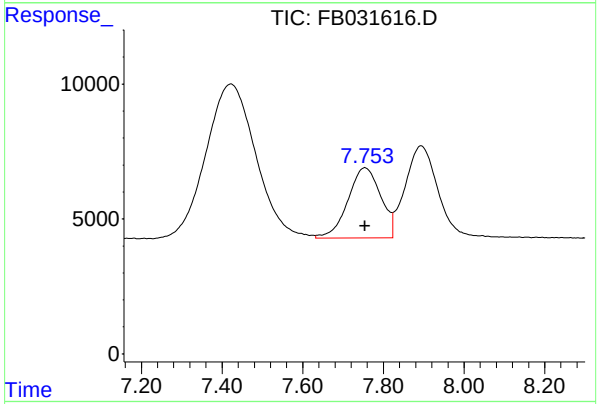
R.T.: 4.724 min
Delta R.T.: 0.001 min
Response: 334475
Conc: 14.17 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



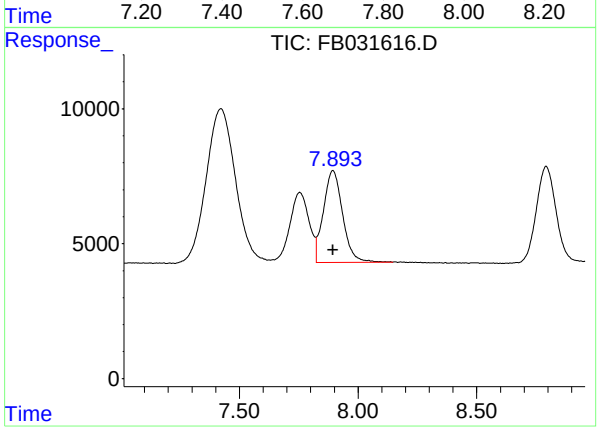
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 493005
Conc: 14.71 ng/ml



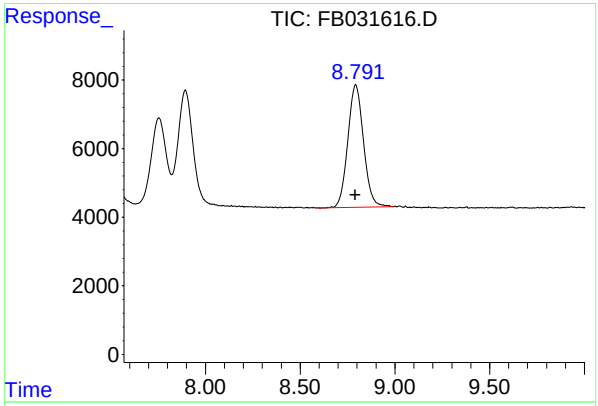
#3 n-Heptane

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 147613
Conc: 5.16 ng/ml



#4 Benzene

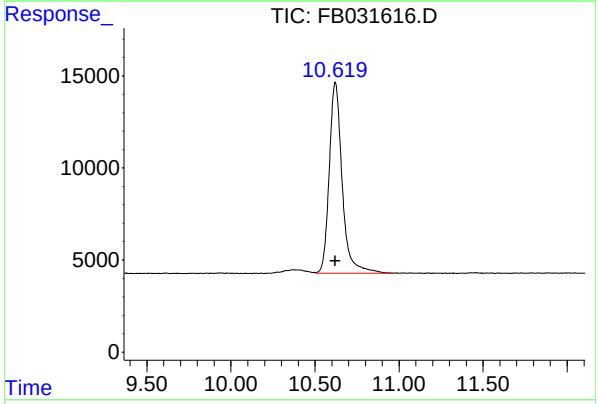
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 192370
Conc: 5.07 ng/ml



#5 AAA-TFT

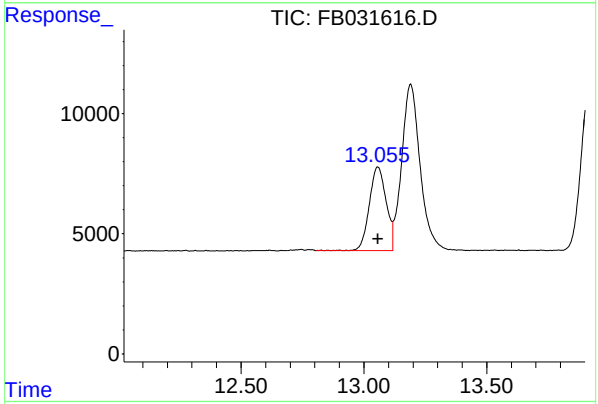
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 205792
Conc: 9.93 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



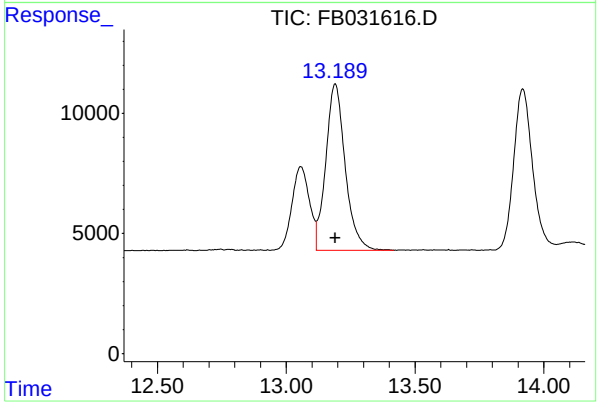
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 555792
Conc: 15.23 ng/ml



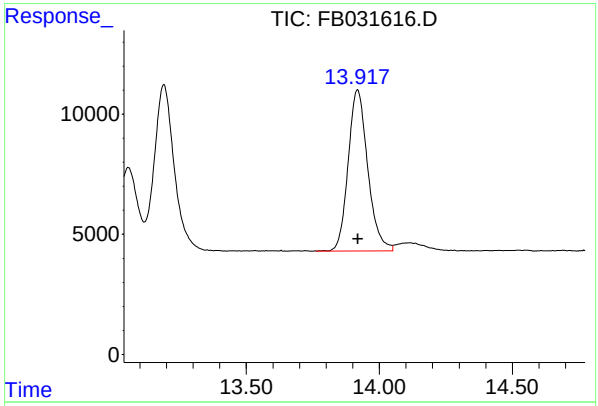
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 166421
Conc: 4.80 ng/ml



#8 m-Xylene

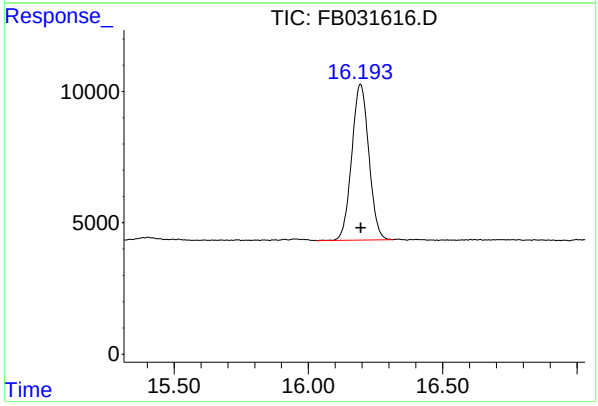
R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 362675
Conc: 9.49 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: -0.001 mi
Response: 343753
Conc: 9.40 ng/m

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.000 min
Response: 262631
Conc: 8.96 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031616.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:05
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.724	4.585	4.872	BV	4701	334475	60.18%	10.914%
2	7.423	7.229	7.632	PV	5734	493005	88.70%	16.087%
3	7.754	7.632	7.823	VV	2610	147613	26.56%	4.817%
4	7.894	7.823	8.147	VV	3412	192370	34.61%	6.277%
5	8.793	8.584	8.991	BV	3580	205792	37.03%	6.715%
6	10.621	10.506	10.964	VV	10380	555792	100.00%	18.136%
7	13.057	12.804	13.117	VV	3486	166421	29.94%	5.431%
8	13.190	13.117	13.416	VB	6939	362675	65.25%	11.835%
9	13.918	13.761	14.050	BV	6718	343753	61.85%	11.217%
10	16.194	16.030	16.316	BV	5936	262631	47.25%	8.570%

Sum of corrected areas: 3064527

FB032625.M Thu Mar 27 03:22:24 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031617.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 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: Mar 26 11:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	414071	20.000	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.723	767326	30.000	ng/ml
2) t	2,2,4-Trimethylpentane	7.421	1083771	30.000	ng/ml
3) t	n-Heptane	7.755	319225	10.000	ng/ml
4) t	Benzene	7.895	418593	10.000	ng/ml
6) t	Toluene	10.621	1200785	30.000	ng/ml
7) t	Ethylbenzene	13.057	361119	10.000	ng/ml
8) t	m-Xylene	13.191	791220	20.000	ng/ml
9) t	O-Xylene	13.920	747149	20.000	ng/ml
10) t	1,2,4-Trimethylbenzene	16.195	560695	20.000	ng/ml

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

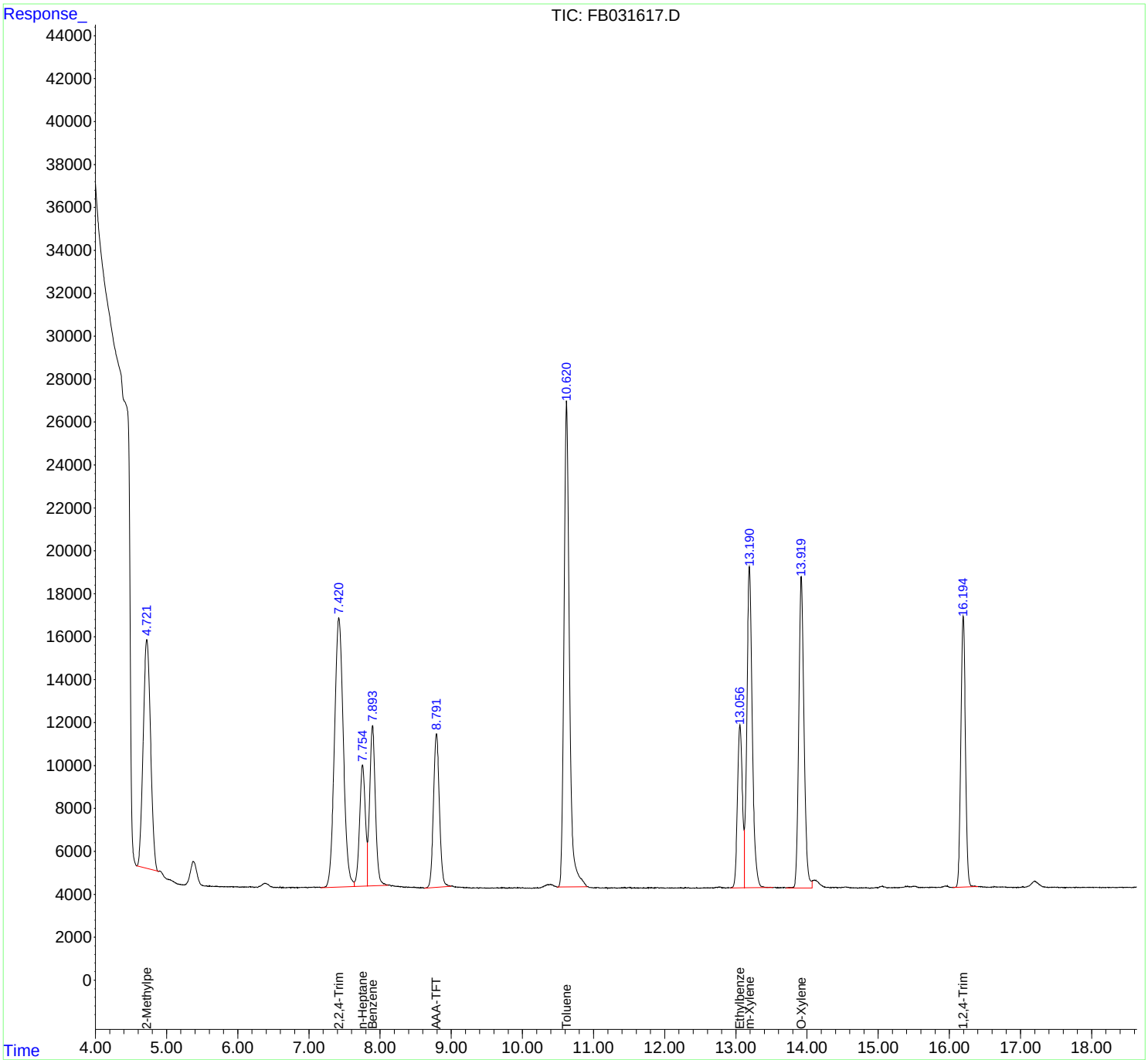
Quantitation Report (QT Reviewed)

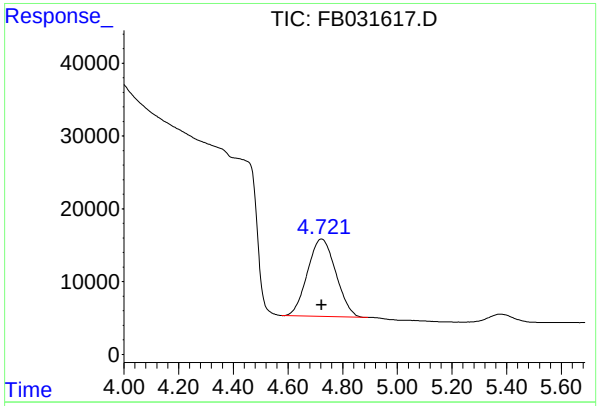
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031617.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:32
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Mar 26 11:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:29:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

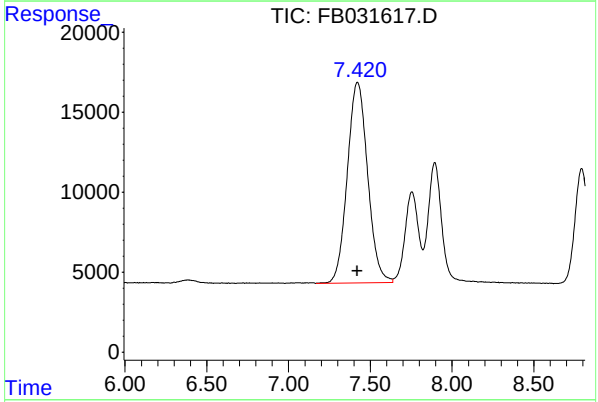




#1 2-Methylpentane

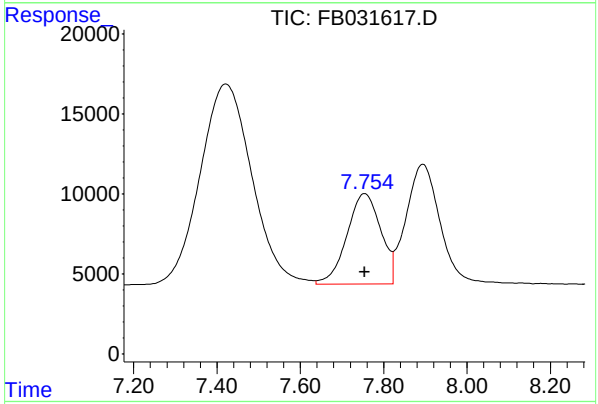
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 767326
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



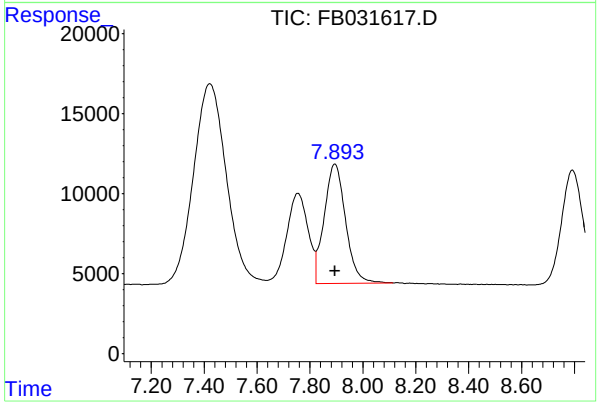
#2 2,2,4-Trimethylpentane

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 1083771
Conc: 30.00 ng/ml



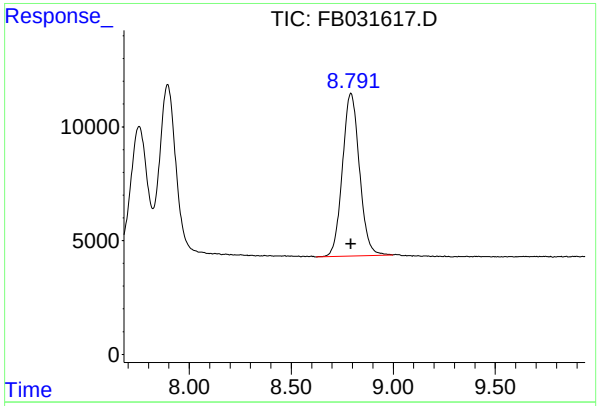
#3 n-Heptane

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 319225
Conc: 10.00 ng/ml



#4 Benzene

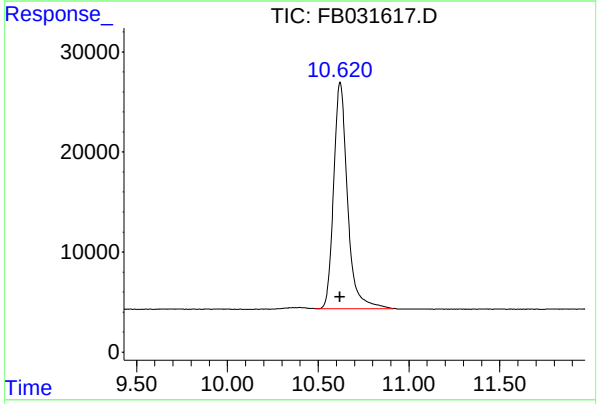
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 418593
Conc: 10.00 ng/ml



#5 AAA-TFT

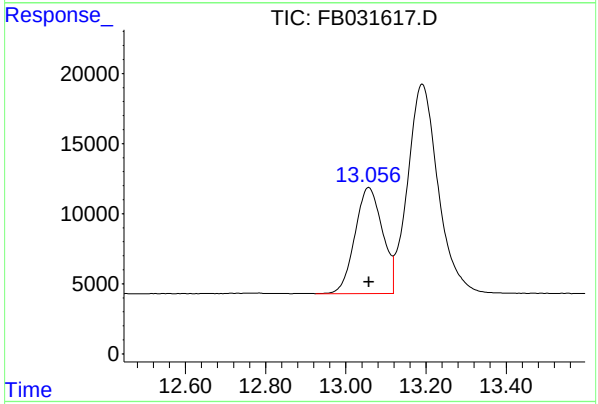
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 414071
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



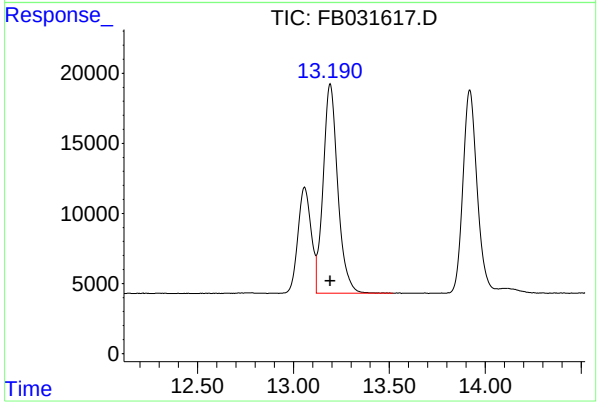
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.000 min
Response: 1200785
Conc: 30.00 ng/ml



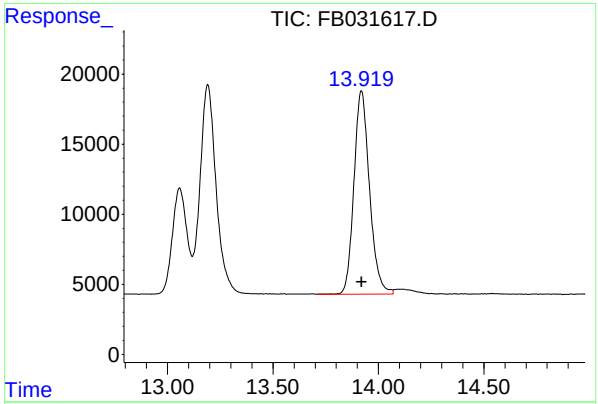
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 361119
Conc: 10.00 ng/ml



#8 m-Xylene

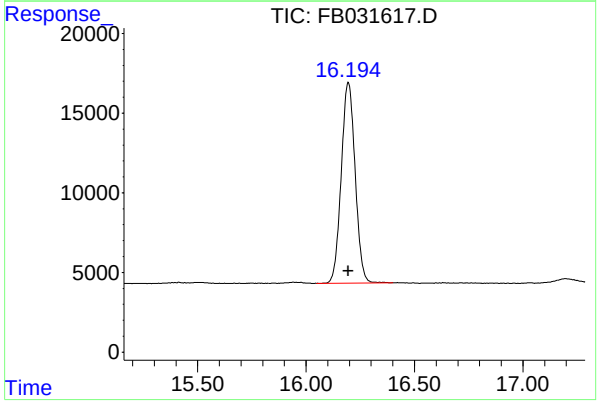
R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 791220
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.920 min
Delta R.T.: 0.000 min
Response: 747149
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.195 min
Delta R.T.: 0.000 min
Response: 560695
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031617.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 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\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.723	4.576	4.893	BV	10662	767326	63.90%	11.515%
2	7.421	7.167	7.637	PV	12549	1083771	90.26%	16.263%
3	7.755	7.637	7.823	VV	5648	319225	26.58%	4.790%
4	7.895	7.823	8.114	VV	7471	418593	34.86%	6.281%
5	8.793	8.621	8.999	PV	7155	414071	34.48%	6.214%
6	10.621	10.488	10.912	BV	22626	1200785	100.00%	18.019%
7	13.057	12.926	13.118	PV	7581	361119	30.07%	5.419%
8	13.191	13.118	13.519	VB	14952	791220	65.89%	11.873%
9	13.920	13.705	14.070	PV	14512	747149	62.22%	11.212%
10	16.195	16.046	16.401	BBA	12602	560695	46.69%	8.414%

Sum of corrected areas: 6663954

FB032625.M Thu Mar 27 03:22:48 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031618.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:59
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Integration File: Calibration.e
Quant Time: Mar 26 11:55:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:31:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.793	1214228	58.714	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.721	2126290	91.775	ng/ml
2) t	2,2,4-Trimethylpentane	7.424	2856915	85.798	ng/ml
3) t	n-Heptane	7.753	918210	31.761	ng/ml
4) t	Benzene	7.894	1182303	31.026	ng/ml
6) t	Toluene	10.622	3248791	88.563	ng/ml
7) t	Ethylbenzene	13.059	944532	27.603	ng/ml
8) t	m-Xylene	13.193	2068744	55.060	ng/ml
9) t	O-Xylene	13.921	1944470	54.265	ng/ml
10) t	1,2,4-Trimethylbenzene	16.196	1373440	48.555	ng/ml

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

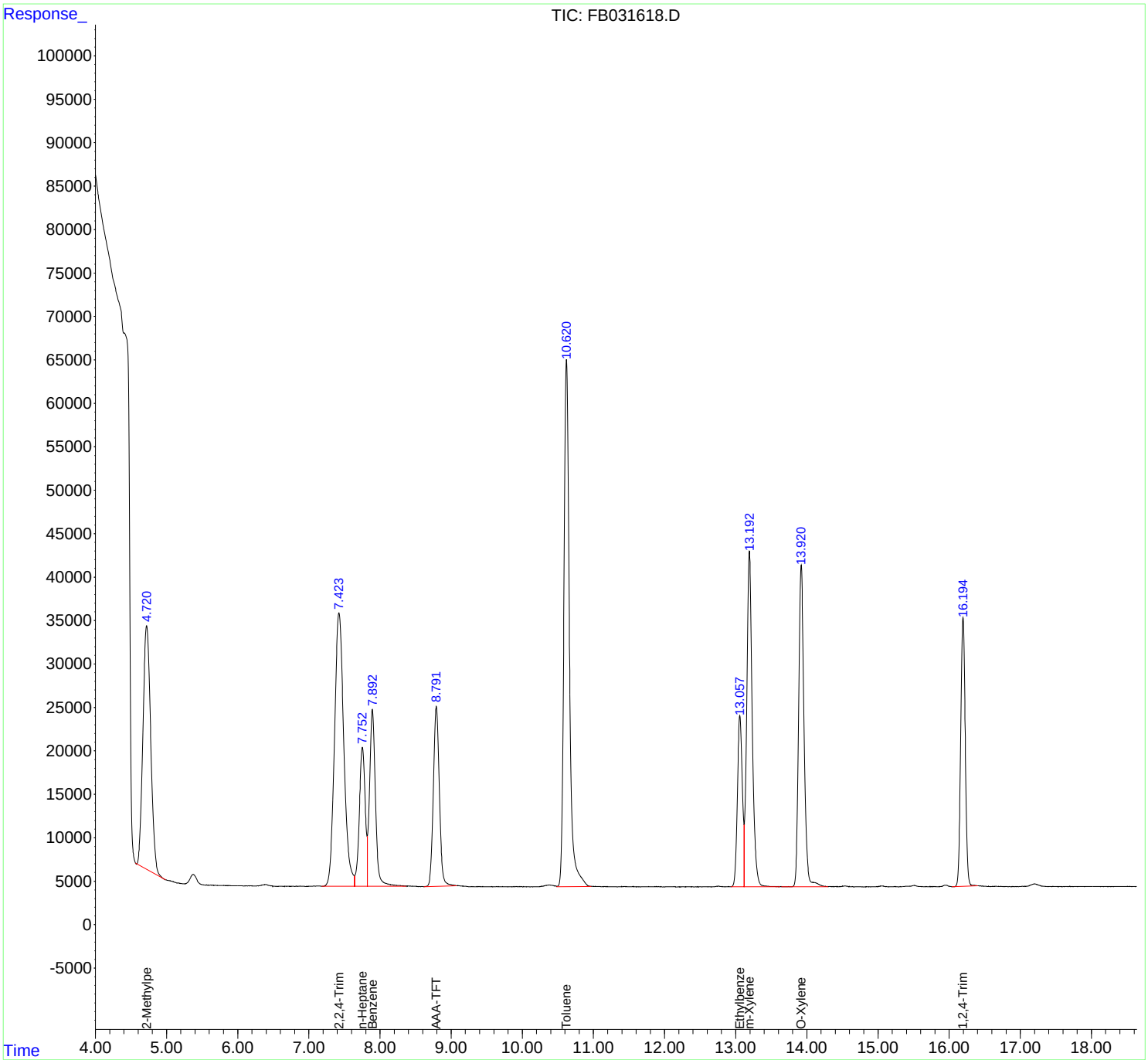
Quantitation Report (QT Reviewed)

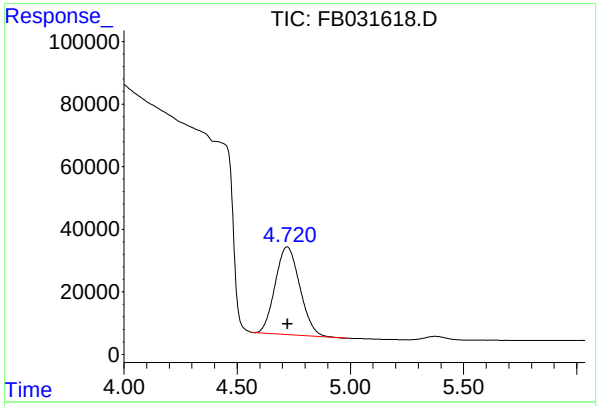
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031618.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:59
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Integration File: Calibration.e
Quant Time: Mar 26 11:55:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:31:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

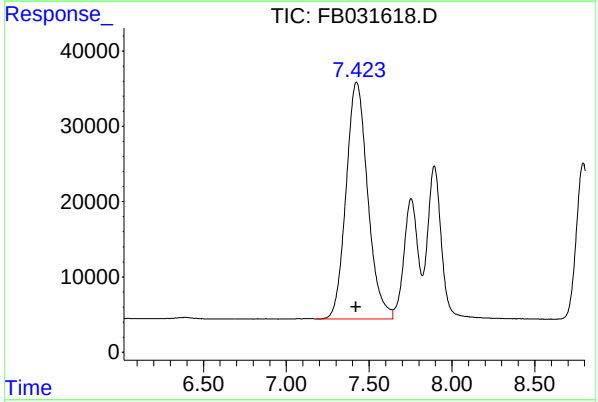




#1 2-Methylpentane

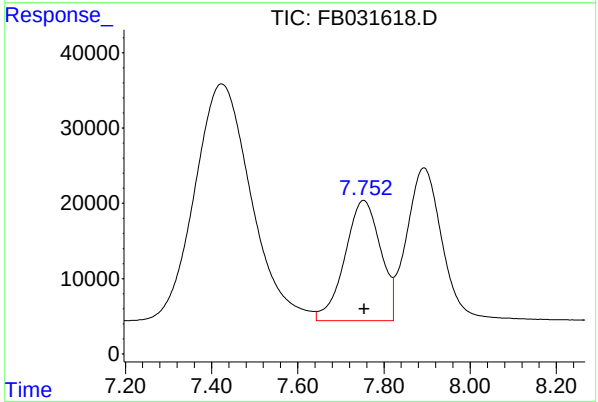
R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2126290
Conc: 91.78 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



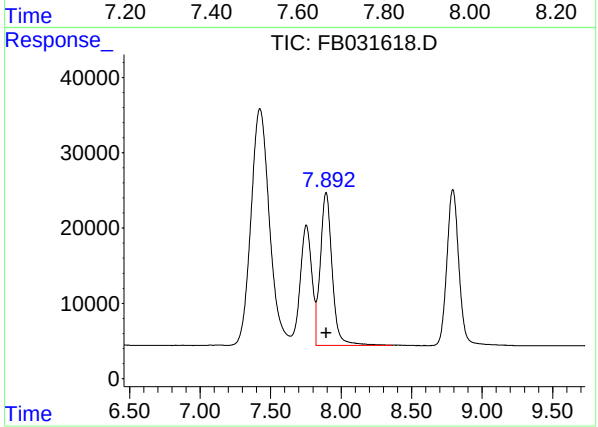
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min
Delta R.T.: 0.002 min
Response: 2856915
Conc: 85.80 ng/ml



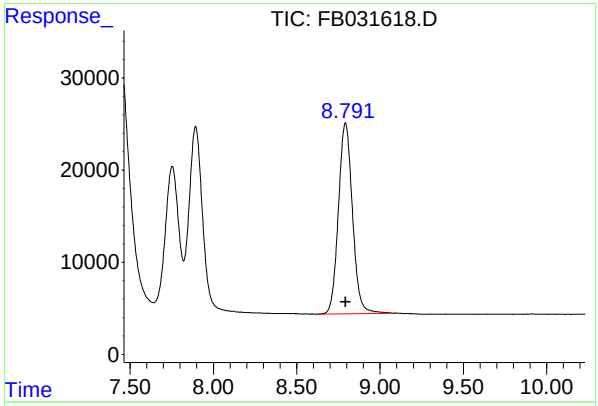
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: -0.002 min
Response: 918210
Conc: 31.76 ng/ml



#4 Benzene

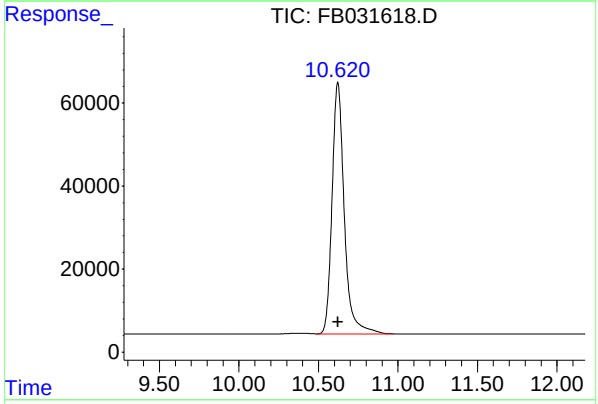
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 1182303
Conc: 31.03 ng/ml



#5 AAA-TFT

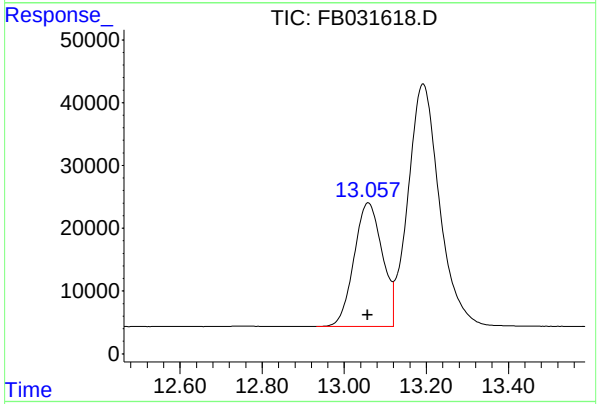
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 1214228
Conc: 58.71 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



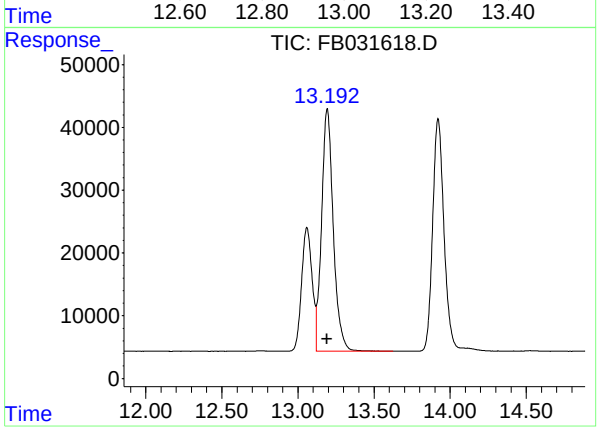
#6 Toluene

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 3248791
Conc: 88.56 ng/ml



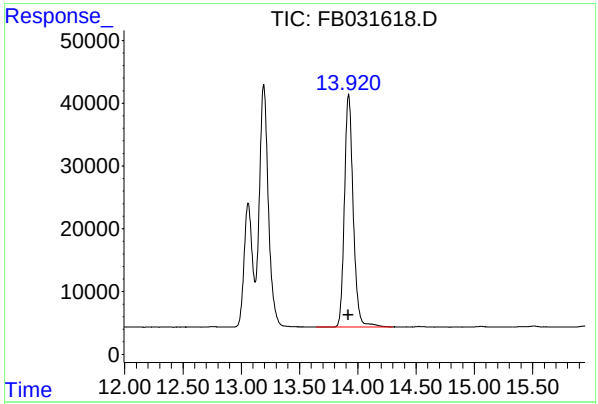
#7 Ethylbenzene

R.T.: 13.059 min
Delta R.T.: 0.002 min
Response: 944532
Conc: 27.60 ng/ml



#8 m-Xylene

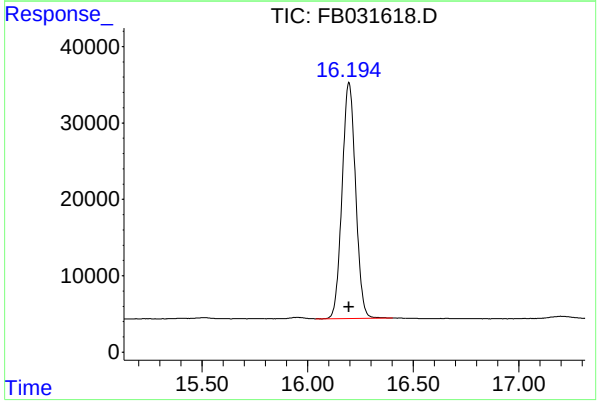
R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 2068744
Conc: 55.06 ng/ml



#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: 0.001 min
Response: 1944470
Conc: 54.27 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 1373440
Conc: 48.55 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031618.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:59
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.721	4.565	4.986	BV	28048	2126290	65.45%	11.893%
2	7.424	7.179	7.643	BV	31455	2856915	87.94%	15.980%
3	7.753	7.643	7.822	VV	15988	918210	28.26%	5.136%
4	7.894	7.822	8.367	VV	20318	1182303	36.39%	6.613%
5	8.793	8.615	9.077	PV	20724	1214228	37.37%	6.792%
6	10.622	10.485	10.969	VV	60622	3248791	100.00%	18.172%
7	13.059	12.932	13.119	BV	19723	944532	29.07%	5.283%
8	13.193	13.119	13.625	VB	38659	2068744	63.68%	11.572%
9	13.921	13.641	14.301	BV	37007	1944470	59.85%	10.876%
10	16.196	16.038	16.403	PBA	30912	1373440	42.28%	7.682%

Sum of corrected areas: 17877923

FB032625.M Thu Mar 27 03:23:19 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031619.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 12:27
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 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Integration File: Calibration.e
Quant Time: Mar 26 12:17:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:55:34 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.792	2466697	114.297	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	4419061	180.636	ng/mlm
2) t	2,2,4-Trimethylpentane	7.425	5919188	171.588	ng/ml
3) t	n-Heptane	7.752	1951191	63.217	ng/ml
4) t	Benzene	7.893	2472198	61.188	ng/ml
6) t	Toluene	10.623	6778282	176.786	ng/ml
7) t	Ethylbenzene	13.061	1927545	54.902	ng/ml
8) t	m-Xylene	13.196	4207130	109.210	ng/ml
9) t	O-Xylene	13.925	3851650	105.245	ng/ml
10) t	1,2,4-Trimethylbenzene	16.199	2517891	89.662	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031619.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 12:27
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

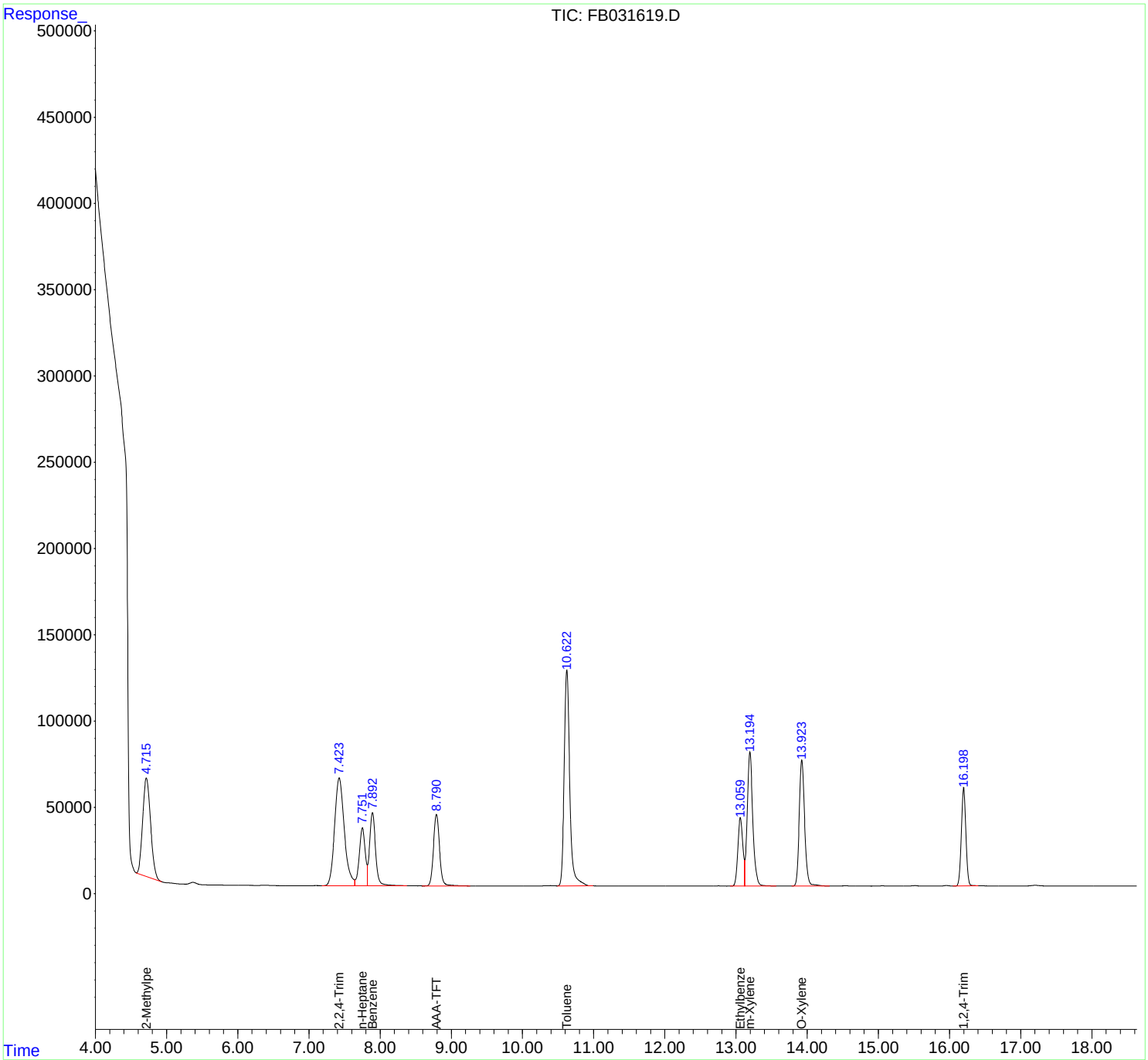
Integration File: Calibration.e
Quant Time: Mar 26 12:17:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 11:55:34 2025
Response via : Initial Calibration
Integrator: ChemStation

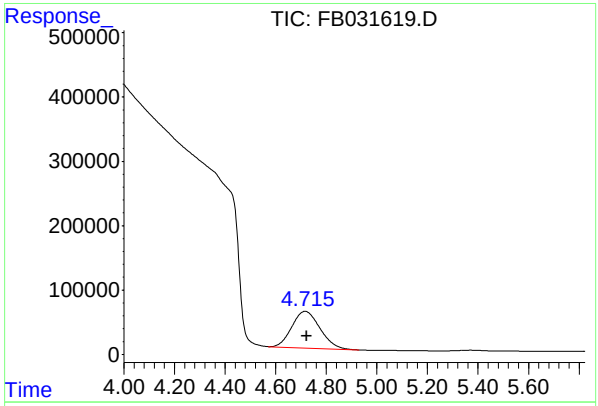
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025





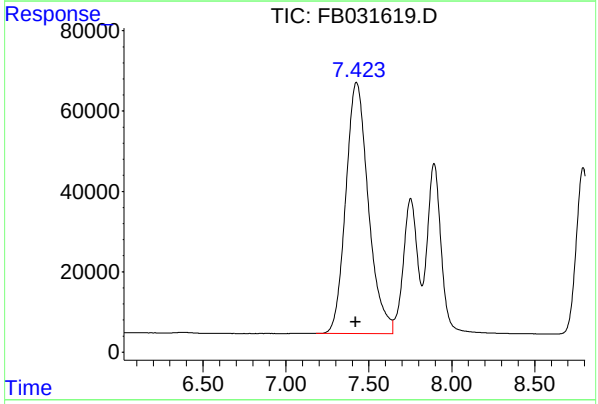
#1 2-Methylpentane

R.T.: 4.715 min
Delta R.T.: -0.008 min
Response: 4419061
Conc: 180.64 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

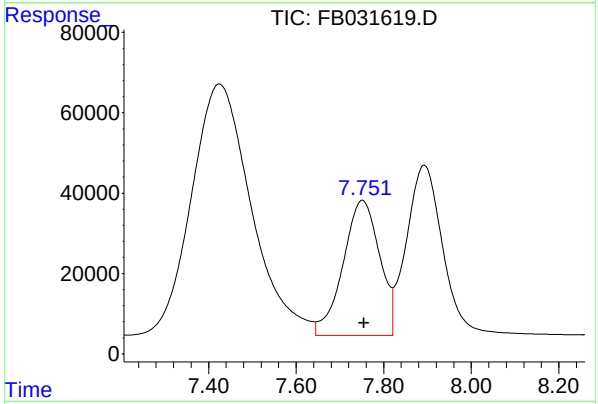
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



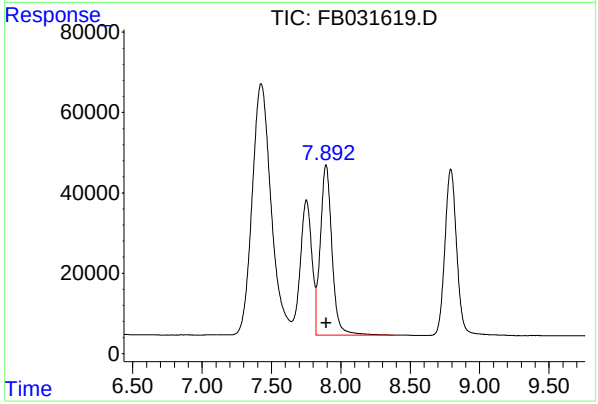
#2 2,2,4-Trimethylpentane

R.T.: 7.425 min
Delta R.T.: 0.003 min
Response: 5919188
Conc: 171.59 ng/ml



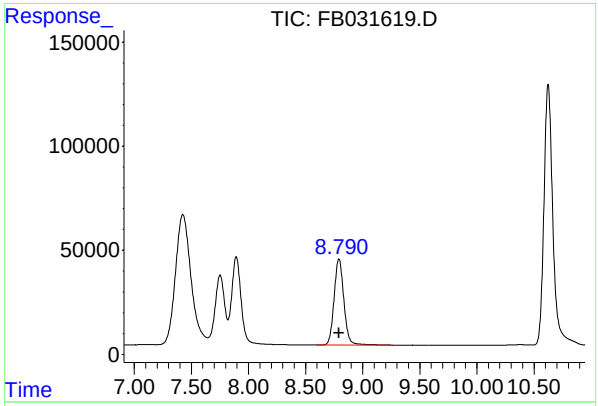
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: -0.003 min
Response: 1951191
Conc: 63.22 ng/ml



#4 Benzene

R.T.: 7.893 min
Delta R.T.: -0.001 min
Response: 2472198
Conc: 61.19 ng/ml



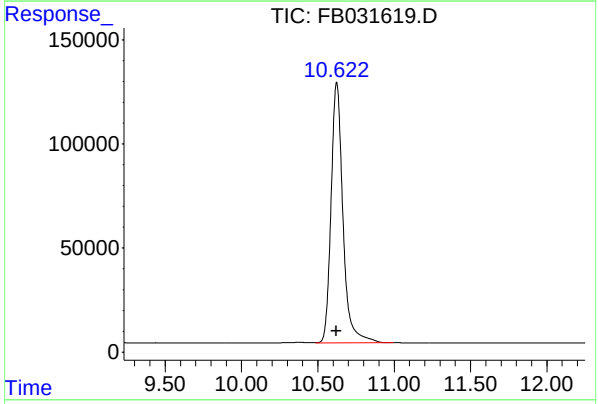
#5 AAA-TFT

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 2466697
Conc: 114.30 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

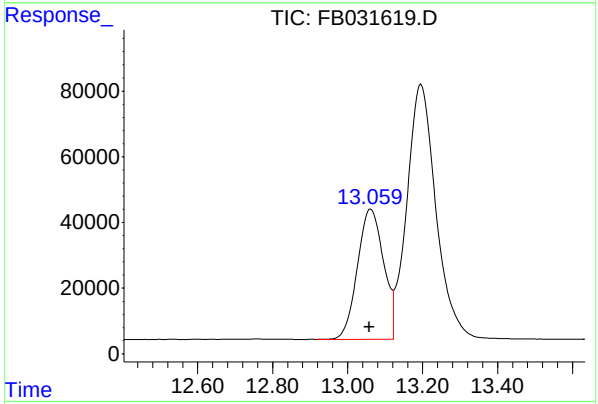
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



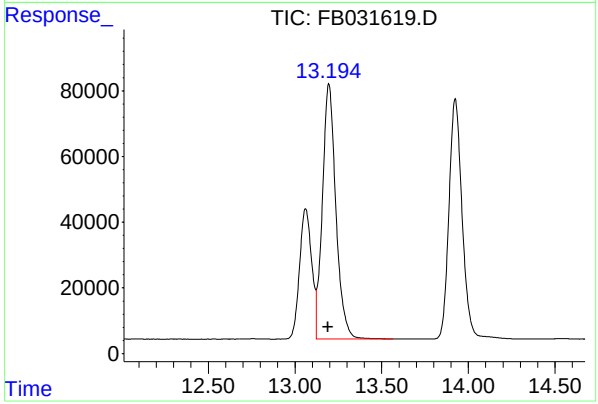
#6 Toluene

R.T.: 10.623 min
Delta R.T.: 0.002 min
Response: 6778282
Conc: 176.79 ng/ml



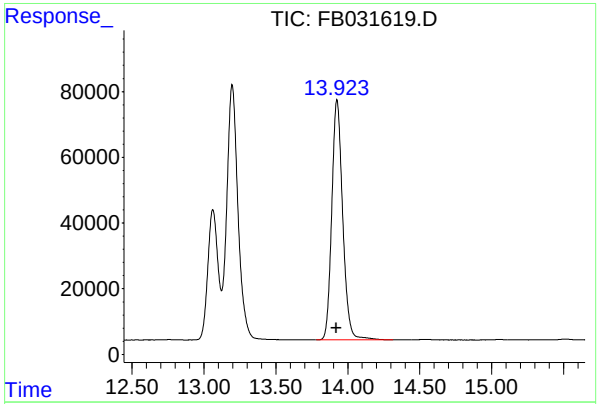
#7 Ethylbenzene

R.T.: 13.061 min
Delta R.T.: 0.004 min
Response: 1927545
Conc: 54.90 ng/ml



#8 m-Xylene

R.T.: 13.196 min
Delta R.T.: 0.005 min
Response: 4207130
Conc: 109.21 ng/ml



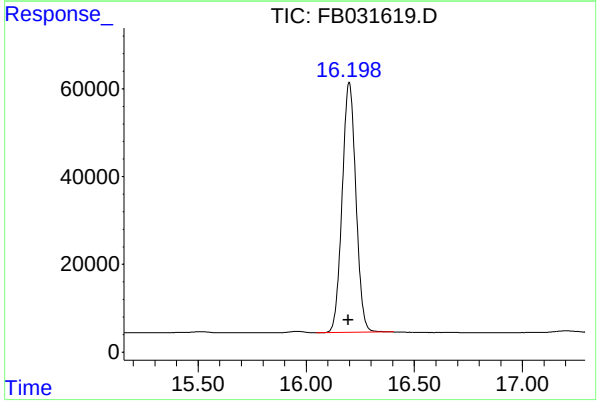
#9 O-Xylene

R.T.: 13.925 min
Delta R.T.: 0.005 min
Response: 3851650
Conc: 105.25 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.199 min
Delta R.T.: 0.004 min
Response: 2517891
Conc: 89.66 ng/ml

Instrument :
FID_B
LabSampleId :
100 GRO STD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/27/2025
Supervised By :mohammad ahmed 03/28/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB03262
Data File : FB031619.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 12:27
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.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	5.225	BV	56320	4052721	59.79%	11.213%
2	7.425	7.181	7.645	BV	62549	5919188	87.33%	16.376%
3	7.752	7.645	7.821	VV	33654	1951191	28.79%	5.398%
4	7.893	7.821	8.375	VV	42383	2472198	36.47%	6.840%
5	8.792	8.592	9.266	BV	41432	2466697	36.39%	6.825%
6	10.623	10.488	10.992	VV	125226	6778282	100.00%	18.753%
7	13.061	12.916	13.122	VV	39674	1927545	28.44%	5.333%
8	13.196	13.122	13.566	VV	77715	4207130	62.07%	11.640%
9	13.925	13.780	14.315	PV	73116	3851650	56.82%	10.656%
10	16.199	16.046	16.403	PBA	57036	2517891	37.15%	6.966%

Sum of corrected areas: 36144494

FB032625.M Thu Mar 27 03:23:47 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031620.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 13:26
Operator : YP/AJ
Sample : FB032625GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB032625GROICV

Integration File: Calibration.e
Quant Time: Mar 26 13:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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	8.794	403306	18.168	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.724	735906	28.901	ng/ml
2) t	2,2,4-Trimethylpentane	7.423	1022563	28.813	ng/ml
3) t	n-Heptane	7.754	301313	9.272	ng/ml
4) t	Benzene	7.895	406758	9.636	ng/ml
6) t	Toluene	10.622	1199206	30.198	ng/ml
7) t	Ethylbenzene	13.059	361336	10.094	ng/ml
8) t	m-Xylene	13.193	805981	20.544	ng/ml
9) t	O-Xylene	13.921	769117	20.798	ng/ml
10) t	1,2,4-Trimethylbenzene	16.196	618790	22.500	ng/ml

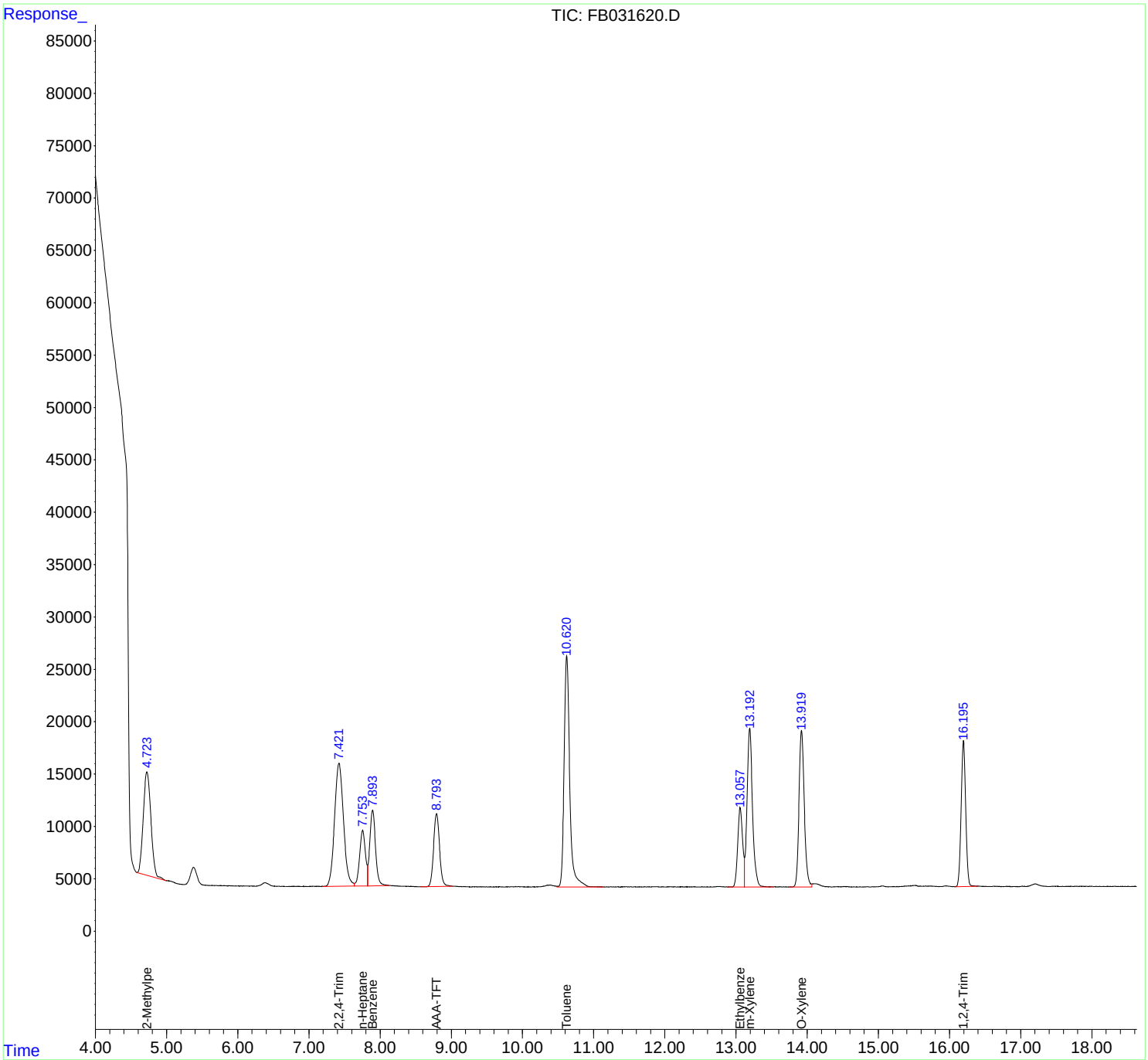
(f)=RT Delta > 1/2 Window (m)=manual int.

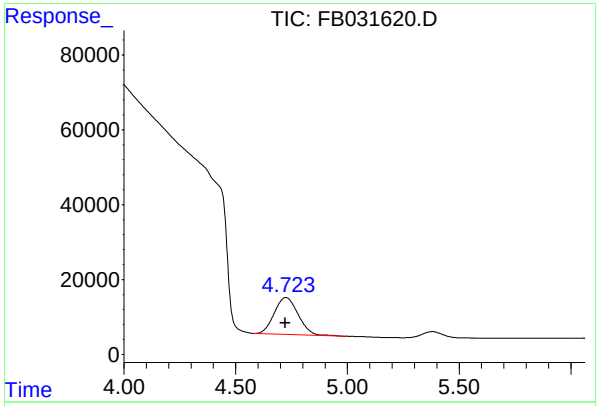
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031620.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 13:26
Operator : YP/AJ
Sample : FB032625GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB032625GROICV

Integration File: Calibration.e
Quant Time: Mar 26 13:18:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

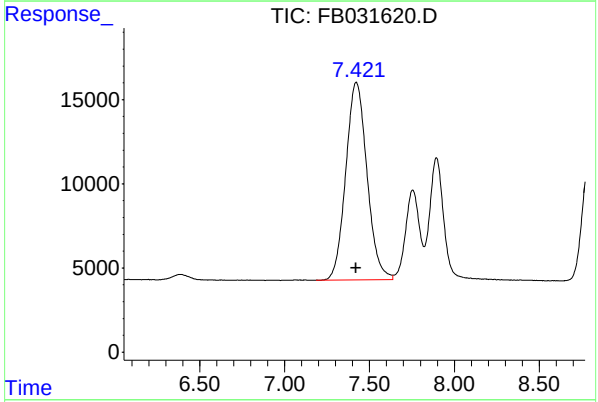




#1 2-Methylpentane

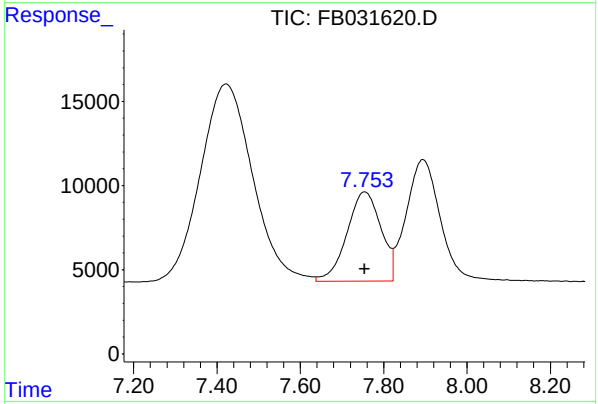
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 735906
Conc: 28.90 ng/ml

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



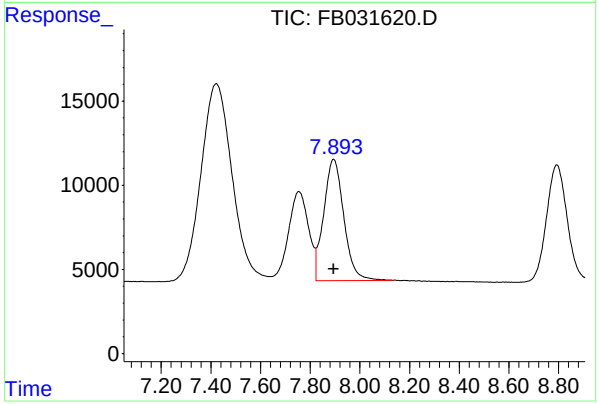
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min
Delta R.T.: 0.001 min
Response: 1022563
Conc: 28.81 ng/ml



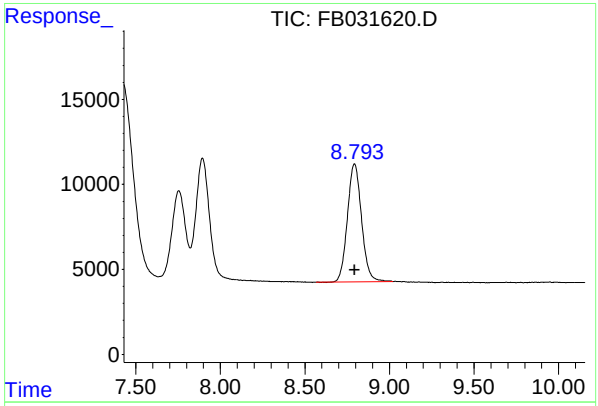
#3 n-Heptane

R.T.: 7.754 min
Delta R.T.: 0.000 min
Response: 301313
Conc: 9.27 ng/ml



#4 Benzene

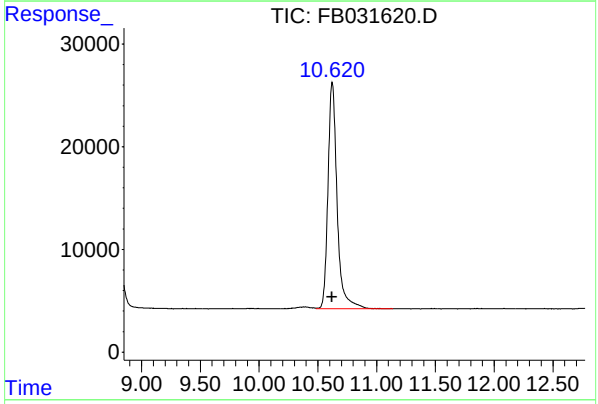
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 406758
Conc: 9.64 ng/ml



#5 AAA-TFT

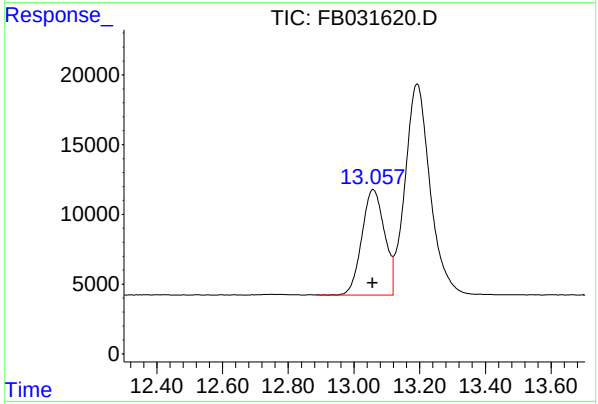
R.T.: 8.794 min
Delta R.T.: 0.001 min
Response: 403306
Conc: 18.17 ng/ml

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



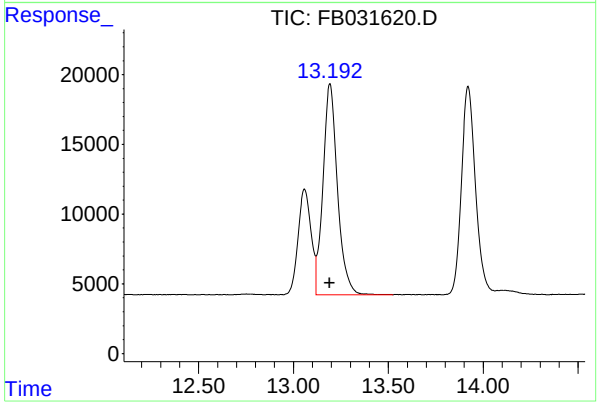
#6 Toluene

R.T.: 10.622 min
Delta R.T.: 0.000 min
Response: 1199206
Conc: 30.20 ng/ml



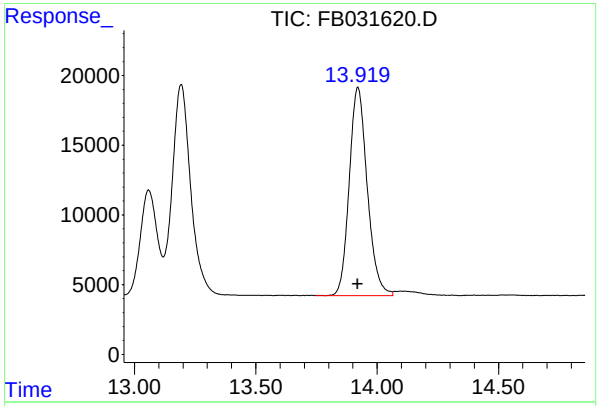
#7 Ethylbenzene

R.T.: 13.059 min
Delta R.T.: 0.002 min
Response: 361336
Conc: 10.09 ng/ml



#8 m-Xylene

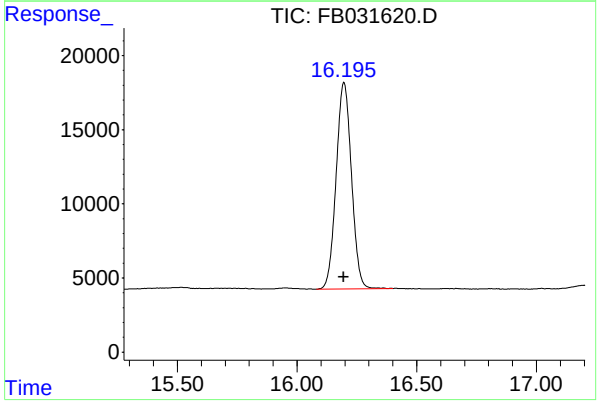
R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 805981
Conc: 20.54 ng/ml



#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: 0.001 mi
Response: 769117
Conc: 20.80 ng/m

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.196 min
Delta R.T.: 0.000 min
Response: 618790
Conc: 22.50 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031620.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 13:26
Sample : FB032625GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.724	4.576	5.002	BV	9869	735906	61.37%	11.109%
2	7.423	7.184	7.637	BV	11751	1022563	85.27%	15.437%
3	7.754	7.637	7.823	VV	5312	301313	25.13%	4.549%
4	7.895	7.823	8.133	VV	7217	406758	33.92%	6.140%
5	8.794	8.566	9.021	PV	6949	403306	33.63%	6.088%
6	10.622	10.485	11.139	VV	22055	1199206	100.00%	18.103%
7	13.059	12.884	13.119	BV	7571	361336	30.13%	5.455%
8	13.193	13.119	13.525	VV	15141	805981	67.21%	12.167%
9	13.921	13.747	14.065	BV	14938	769117	64.14%	11.611%
10	16.196	16.080	16.401	BBA	13948	618790	51.60%	9.341%

Sum of corrected areas: 6624275

FB032625.M Thu Mar 27 03:24:14 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.: Q1812 SAS No.: Q1812 SDG No.: Q1812

DataFile: FB031630.D Analyst Name: YP/AJ Analyst Date: 04-16-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6794599	37748	34440	9.605

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031630.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:10
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: Apr 17 01:36:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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	503341	22.675	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.725	795683	31.248	ng/ml
2) t	2,2,4-Trimethylpentane	7.420	1122611	31.632	ng/ml
3) t	n-Heptane	7.751	363111	11.174	ng/ml
4) t	Benzene	7.891	459651	10.889	ng/ml
6) t	Toluene	10.619	1325322	33.374	ng/ml
7) t	Ethylbenzene	13.055	397077	11.092	ng/ml
8) t	m-Xylene	13.189	860452	21.932	ng/ml
9) t	O-Xylene	13.917	813525	21.999	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	657167	23.896	ng/ml

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

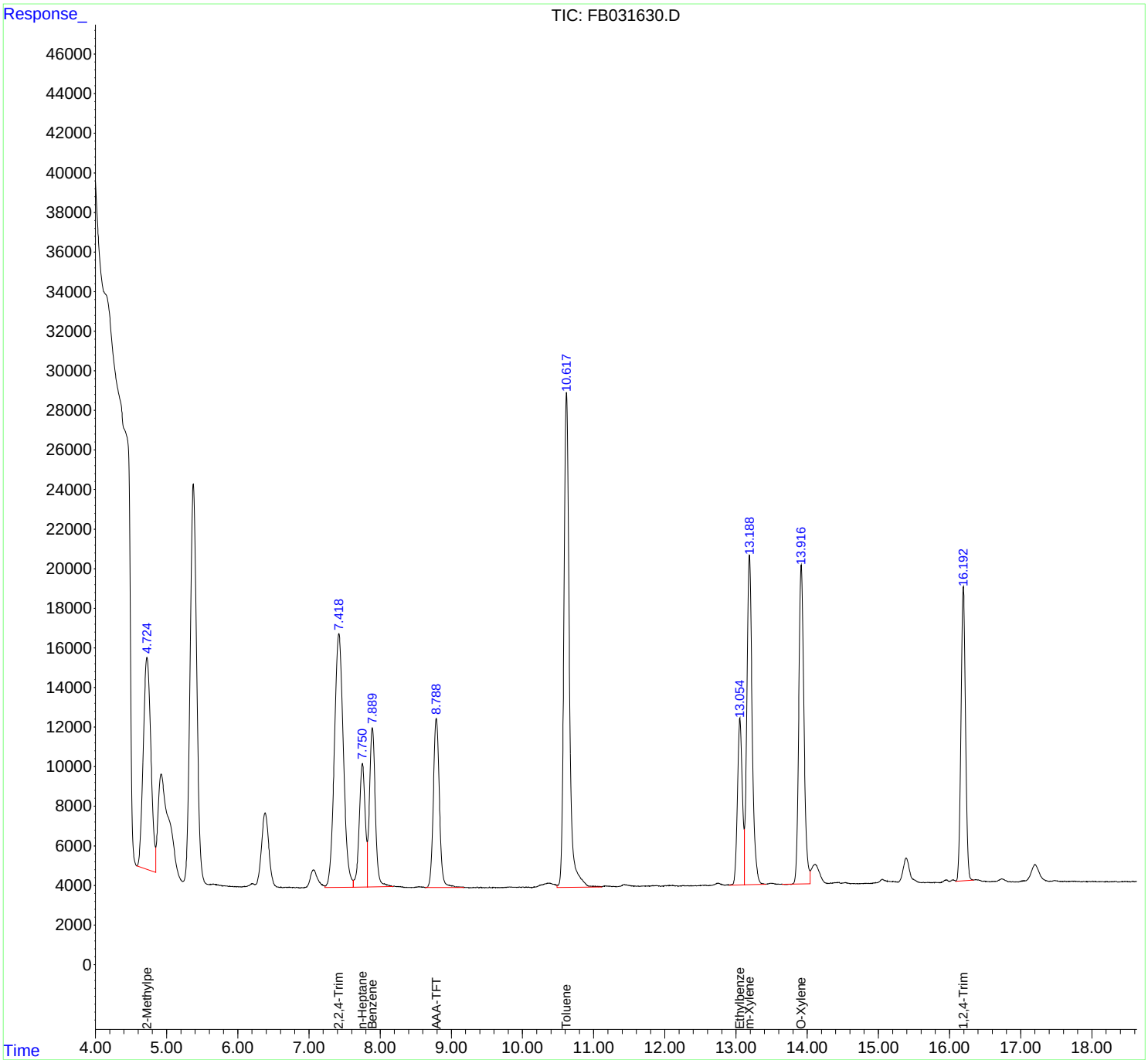
Quantitation Report (QT Reviewed)

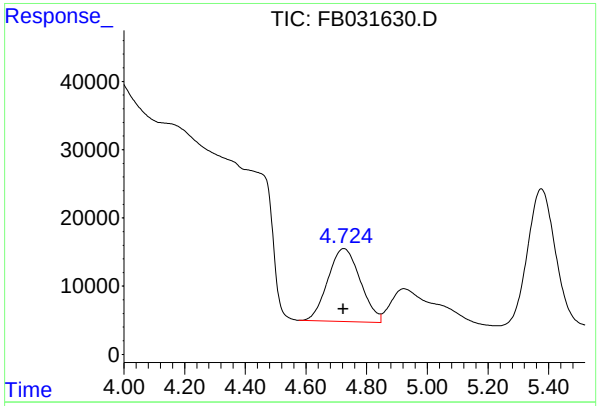
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031630.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:10
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Apr 17 01:36:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

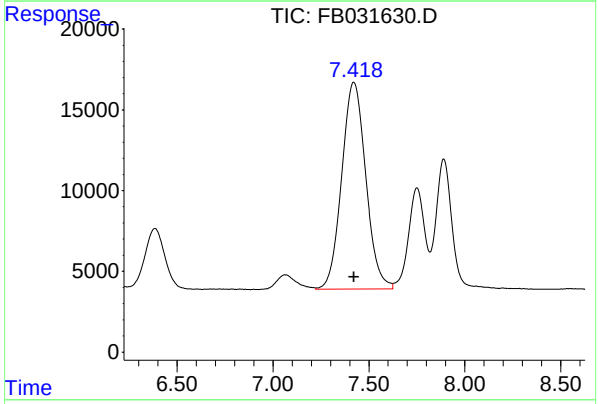




#1 2-Methylpentane

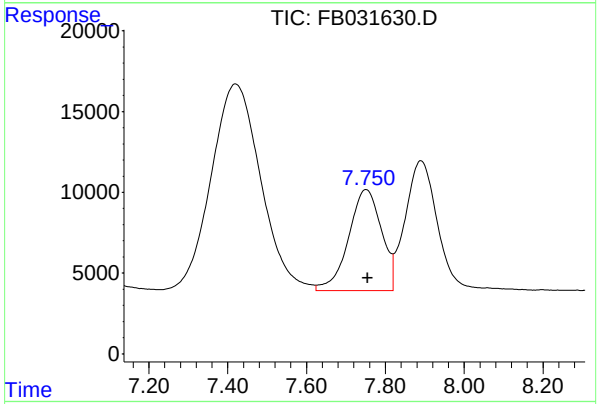
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 795683
Conc: 31.25 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



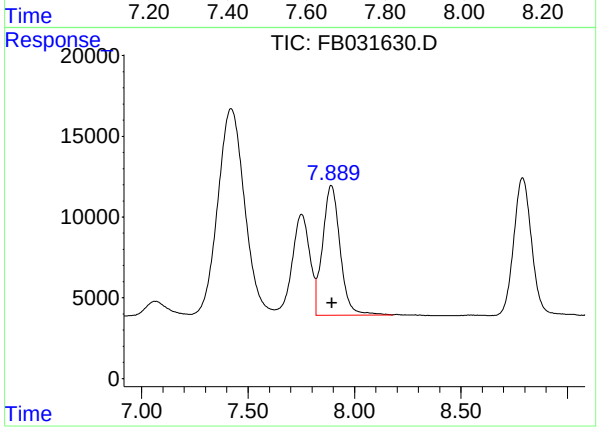
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
Delta R.T.: -0.001 min
Response: 1122611
Conc: 31.63 ng/ml



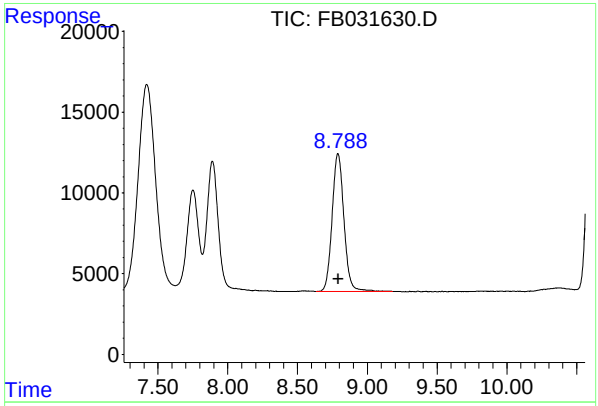
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: -0.003 min
Response: 363111
Conc: 11.17 ng/ml



#4 Benzene

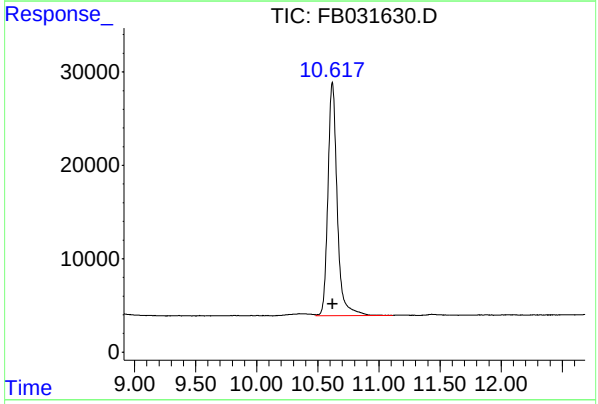
R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 459651
Conc: 10.89 ng/ml



#5 AAA-TFT

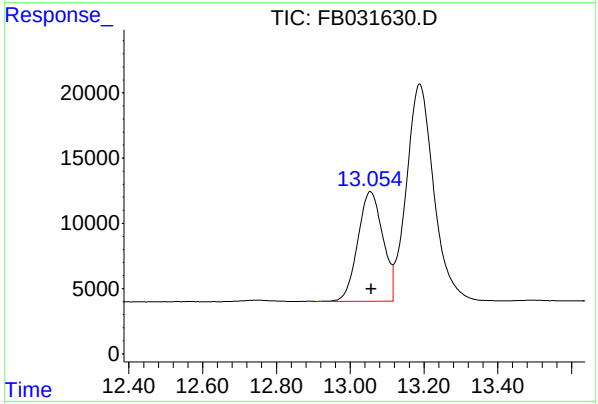
R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 503341
Conc: 22.67 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



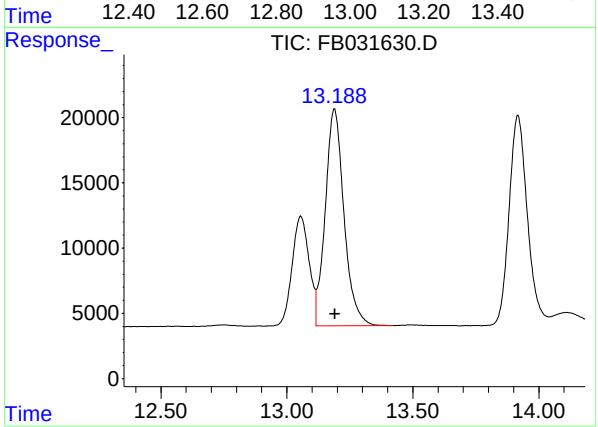
#6 Toluene

R.T.: 10.619 min
Delta R.T.: -0.002 min
Response: 1325322
Conc: 33.37 ng/ml



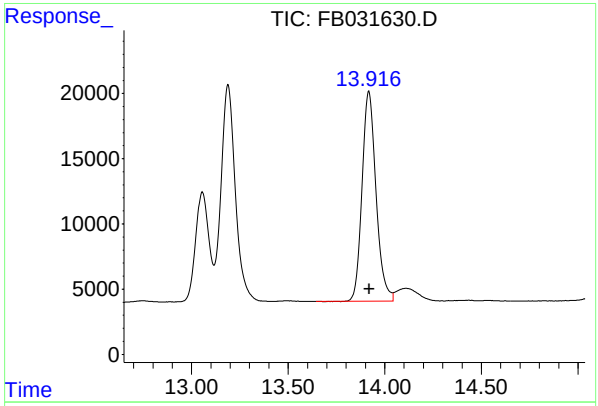
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: -0.002 min
Response: 397077
Conc: 11.09 ng/ml



#8 m-Xylene

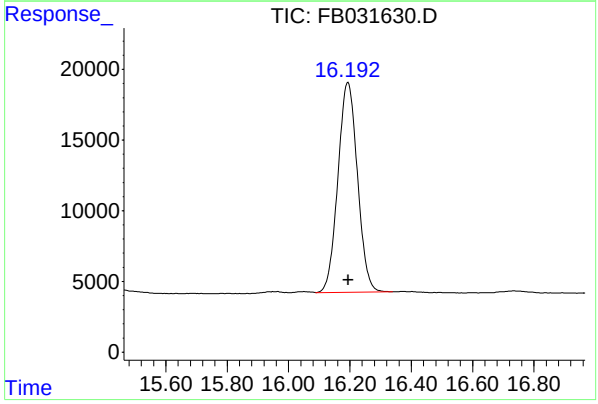
R.T.: 13.189 min
Delta R.T.: -0.002 min
Response: 860452
Conc: 21.93 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: -0.002 mi
Response: 813525
Conc: 22.00 ng/m

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: -0.001 min
Response: 657167
Conc: 23.90 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031630.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:10
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.725	4.576	4.847	BV	10703	795683	60.04%	10.903%
2	7.420	7.223	7.624	VV	12817	1122611	84.70%	15.383%
3	7.751	7.624	7.819	VV	6249	363111	27.40%	4.976%
4	7.891	7.819	8.181	VV	8041	459651	34.68%	6.298%
5	8.790	8.631	9.183	PB	8547	503341	37.98%	6.897%
6	10.619	10.485	11.114	VV	24999	1325322	100.00%	18.160%
7	13.055	12.907	13.116	VV	8435	397077	29.96%	5.441%
8	13.189	13.116	13.422	VV	16662	860452	64.92%	11.790%
9	13.917	13.644	14.042	BV	16109	813525	61.38%	11.147%
10	16.194	16.089	16.340	VV	14857	657167	49.59%	9.005%

Sum of corrected areas: 7297940

FB032625.M Thu Apr 17 01:50:00 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.: Q1812 SAS No.: Q1812 SDG No.: Q1812

DataFile: FB031637.D Analyst Name: YP/AJ Analyst Date: 04-16-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6190551	34392	34440	0.139

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031637.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 13:10
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Apr 17 01:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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	8.794	509520	22.953	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.725	729694	28.657	ng/ml
2) t	2,2,4-Trimethylpentane	7.424	1069633	30.139	ng/ml
3) t	n-Heptane	7.756	326877	10.059	ng/ml
4) t	Benzene	7.896	418967	9.925	ng/ml
6) t	Toluene	10.623	1204113	30.322	ng/ml
7) t	Ethylbenzene	13.060	357313	9.982	ng/ml
8) t	m-Xylene	13.193	783371	19.967	ng/ml
9) t	O-Xylene	13.922	742719	20.084	ng/ml
10) t	1,2,4-Trimethylbenzene	16.197	557864	20.285	ng/ml

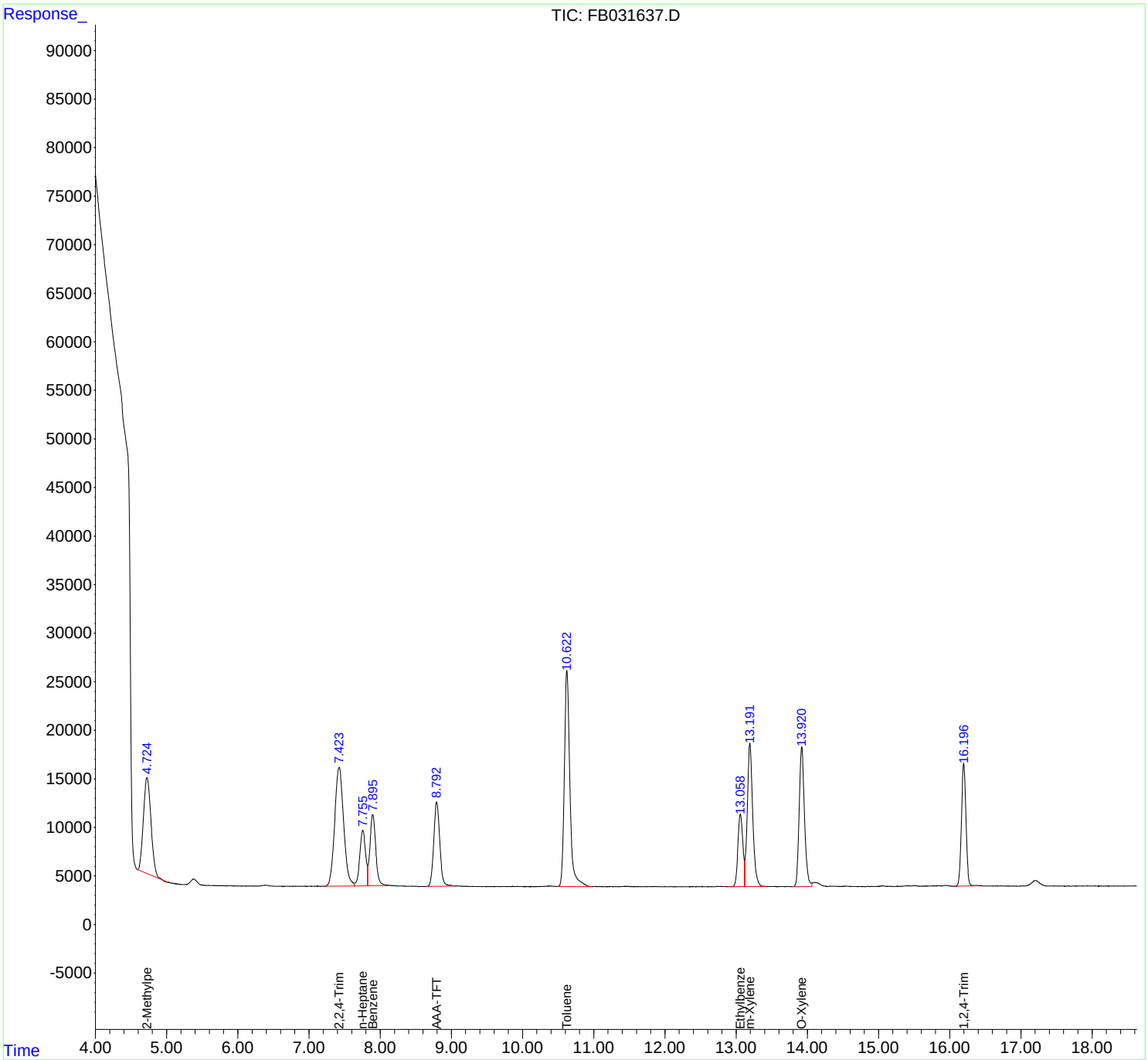
(f)=RT Delta > 1/2 Window (m)=manual int.

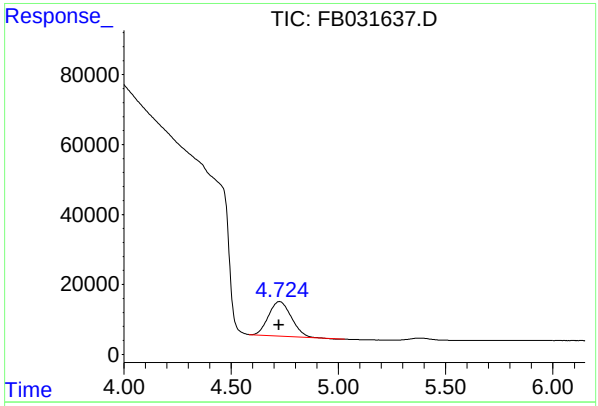
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031637.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 13:10
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Apr 17 01:37:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

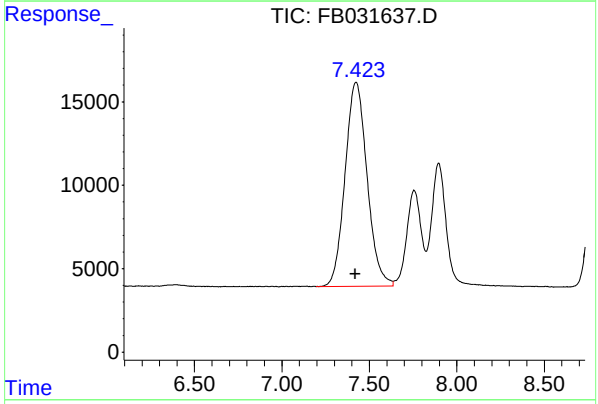




#1 2-Methylpentane

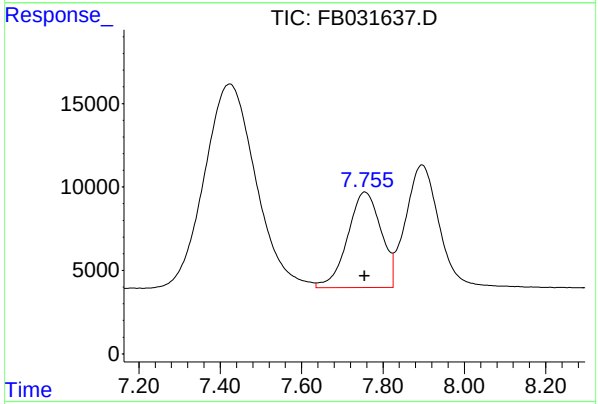
R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 729694
Conc: 28.66 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



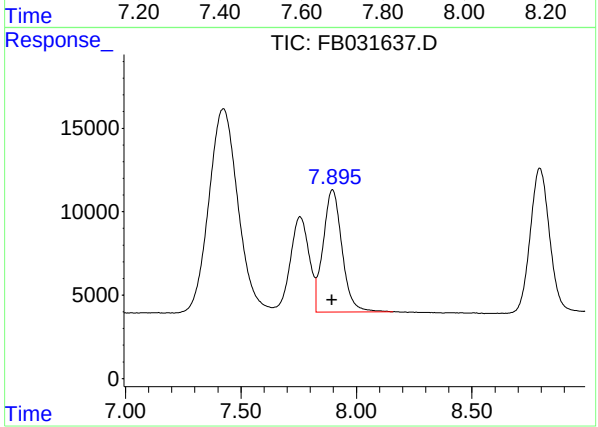
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min
Delta R.T.: 0.003 min
Response: 1069633
Conc: 30.14 ng/ml



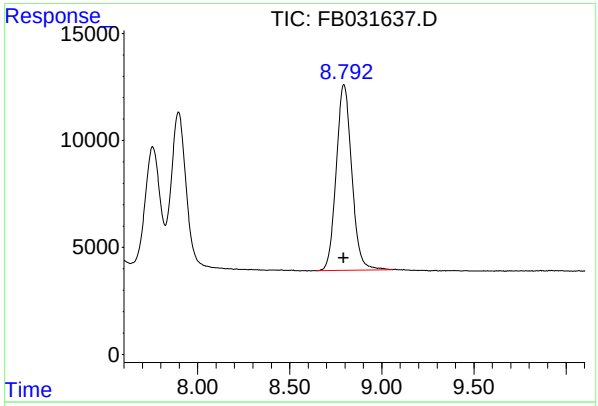
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.001 min
Response: 326877
Conc: 10.06 ng/ml



#4 Benzene

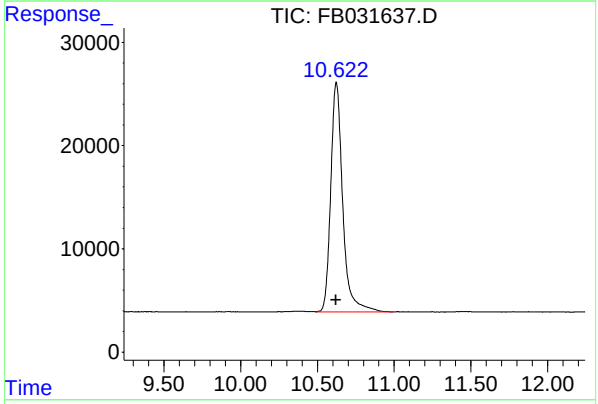
R.T.: 7.896 min
Delta R.T.: 0.002 min
Response: 418967
Conc: 9.93 ng/ml



#5 AAA-TFT

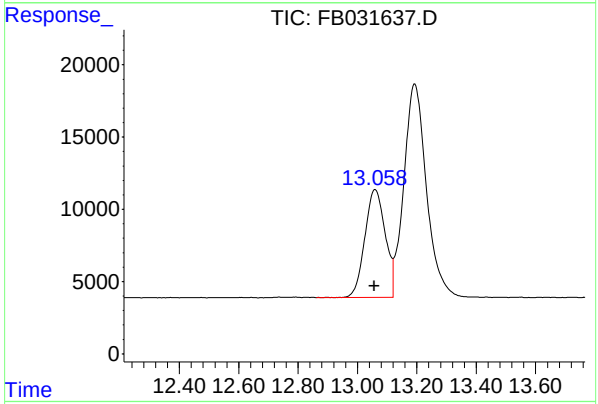
R.T.: 8.794 min
Delta R.T.: 0.001 min
Response: 509520
Conc: 22.95 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



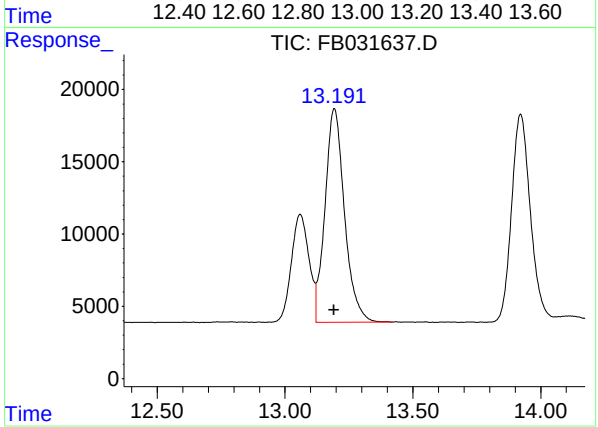
#6 Toluene

R.T.: 10.623 min
Delta R.T.: 0.002 min
Response: 1204113
Conc: 30.32 ng/ml



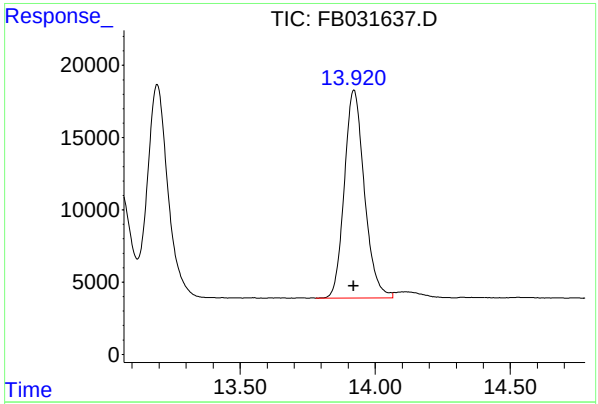
#7 Ethylbenzene

R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 357313
Conc: 9.98 ng/ml



#8 m-Xylene

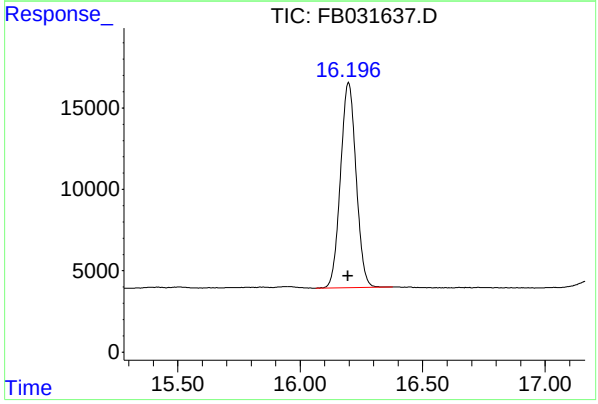
R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 783371
Conc: 19.97 ng/ml



#9 O-Xylene

R.T.: 13.922 min
Delta R.T.: 0.002 min
Response: 742719
Conc: 20.08 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min
Delta R.T.: 0.002 min
Response: 557864
Conc: 20.29 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031637.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 13:10
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.725	4.582	5.030	BV	9874	729694	60.60%	10.891%
2	7.424	7.195	7.635	BV	12228	1069633	88.83%	15.964%
3	7.756	7.635	7.825	VV	5735	326877	27.15%	4.879%
4	7.896	7.825	8.158	VV	7341	418967	34.79%	6.253%
5	8.794	8.643	9.060	PV	8690	509520	42.32%	7.605%
6	10.623	10.491	10.992	BV	22257	1204113	100.00%	17.972%
7	13.060	12.861	13.120	PV	7471	357313	29.67%	5.333%
8	13.193	13.120	13.422	VV	14780	783371	65.06%	11.692%
9	13.922	13.779	14.065	PV	14392	742719	61.68%	11.085%
10	16.197	16.063	16.377	BV	12611	557864	46.33%	8.326%

Sum of corrected areas: 6700071

FB032625.M Thu Apr 17 01:54:06 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.:** Q1812

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 **8.793**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	16 Apr 2025 9:10	FB031630.D	8.790	
VBF0416W1	VBF0416W1	16 Apr 2025 9:48	FB031631.D	8.796	
BSF0416W1	BSF0416W1	16 Apr 2025 10:16	FB031632.D	8.797	
BSF0416W2	BSF0416W2	16 Apr 2025 10:43	FB031633.D	8.794	
RINSE-EB-TANK-041525	Q1812-02	16 Apr 2025 11:29	FB031634.D	8.797	
RINSE-EB-PUMP-041525	Q1812-03	16 Apr 2025 11:57	FB031635.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	16 Apr 2025 13:10	FB031637.D	8.794	

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

QC Limits	Lower Limit	Upper Limits
(± 0.10 minutes)	8.693	8.893

QC SAMPLE DATA

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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:	VBF0416W1	SDG No.:	Q1812
Lab Sample ID:	VBF0416W1	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
FB031631.D	1	04/16/25 9:48	FB041625

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	23.6		50 - 150	118%	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\FB041625\
Data File : FB031631.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:48
Operator : YP/AJ
Sample : VBF0416W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0416W1

Integration File: Calibration.e
Quant Time: Apr 17 01:36:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
System Monitoring Compounds				
5) s	AAA-TFT	8.796	523579	23.586 ng/ml
Target Compounds				

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

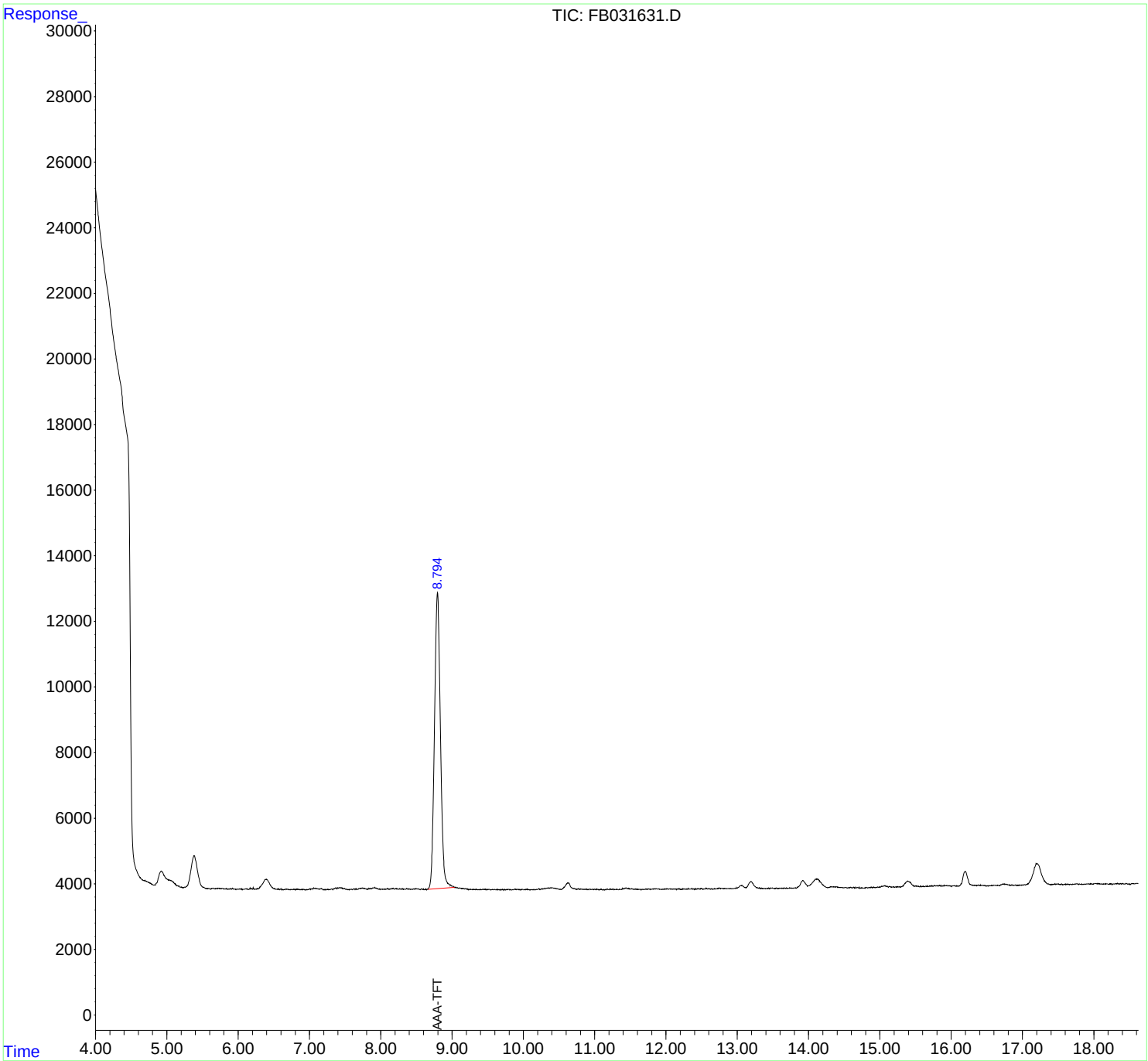
Quantitation Report (QT Reviewed)

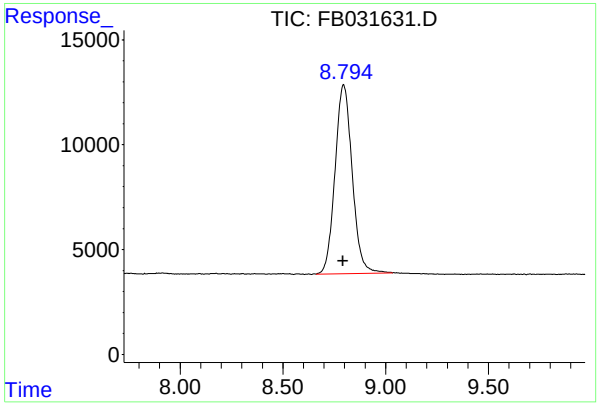
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031631.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:48
Operator : YP/AJ
Sample : VBF0416W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0416W1

Integration File: Calibration.e
Quant Time: Apr 17 01:36:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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.: 8.796 min
Delta R.T.: 0.003 mi
Response: 523579
Conc: 23.59 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0416W1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031631.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 9:48
Sample : VBF0416W1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.796	8.661	9.035	PV	9022	523579	100.00%	100.000%
			Sum of corrected areas:			523579		

FB032625.M Thu Apr 17 01:50:55 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:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	BSF0416W1	SDG No.:	Q1812
Lab Sample ID:	BSF0416W1	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
FB031632.D	1	04/16/25 10:16	FB041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	207		6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.3		50 - 150	96%	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\FB041625\
Data File : FB031632.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:16
Operator : YP/AJ
Sample : BSF0416W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0416W1

Integration File: Calibration.e
Quant Time: Apr 17 01:36:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.797	428133	19.287	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.728	863700	33.919	ng/ml
2) t	2,2,4-Trimethylpentane	7.426	1219335	34.358	ng/ml
3) t	n-Heptane	7.758	374733	11.531	ng/ml
4) t	Benzene	7.898	489640	11.600	ng/ml
6) t	Toluene	10.625	1370797	34.519	ng/ml
7) t	Ethylbenzene	13.060	411469	11.494	ng/ml
8) t	m-Xylene	13.194	901737	22.984	ng/ml
9) t	O-Xylene	13.921	850866	23.008	ng/ml
10) t	1,2,4-Trimethylbenzene	16.197	637776	23.191	ng/ml

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

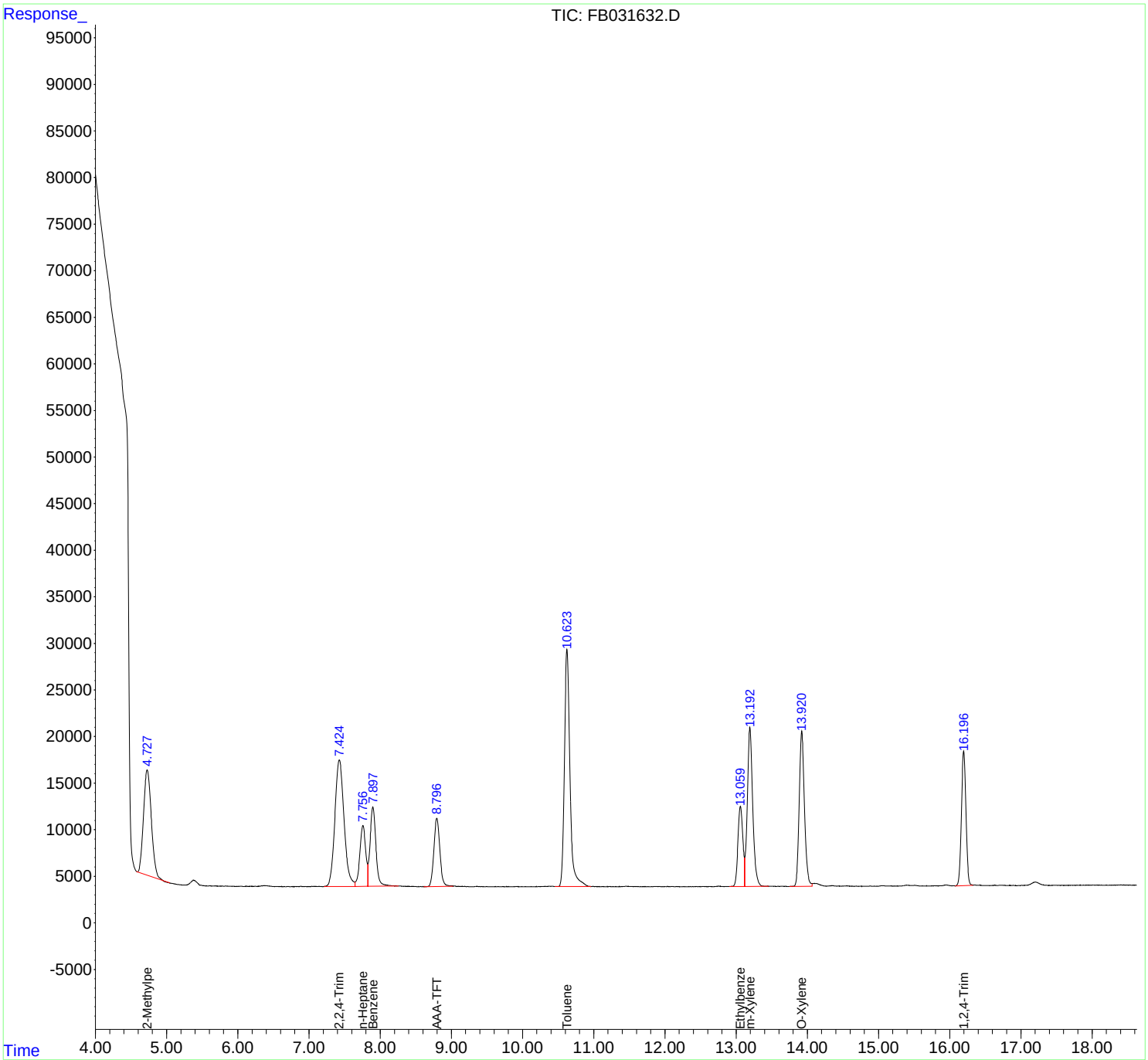
Quantitation Report (QT Reviewed)

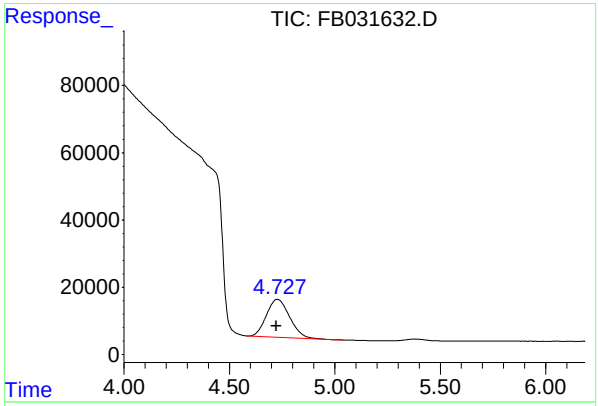
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031632.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:16
Operator : YP/AJ
Sample : BSF0416W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0416W1

Integration File: Calibration.e
Quant Time: Apr 17 01:36:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

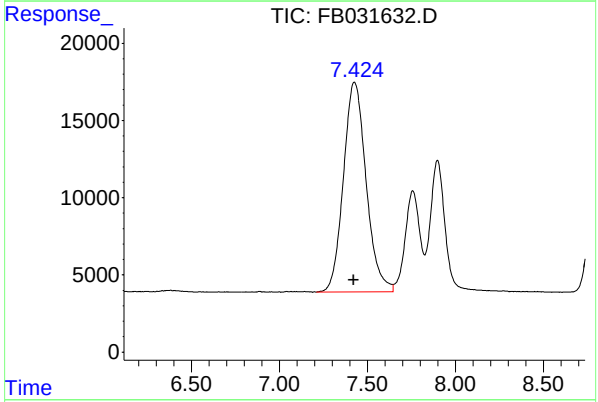




#1 2-Methylpentane

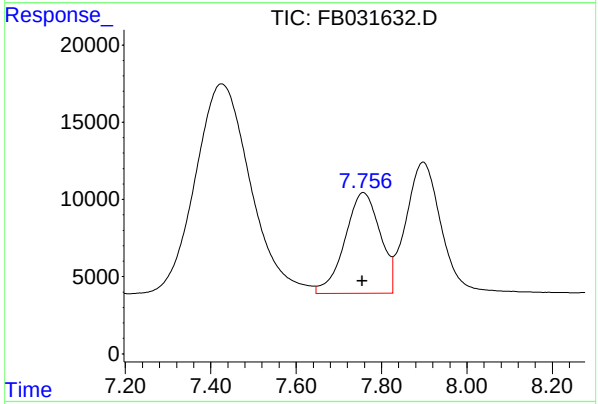
R.T.: 4.728 min
Delta R.T.: 0.005 min
Response: 863700
Conc: 33.92 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W1



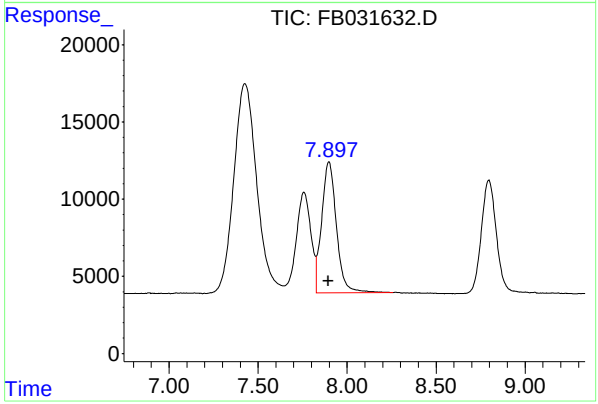
#2 2,2,4-Trimethylpentane

R.T.: 7.426 min
Delta R.T.: 0.005 min
Response: 1219335
Conc: 34.36 ng/ml



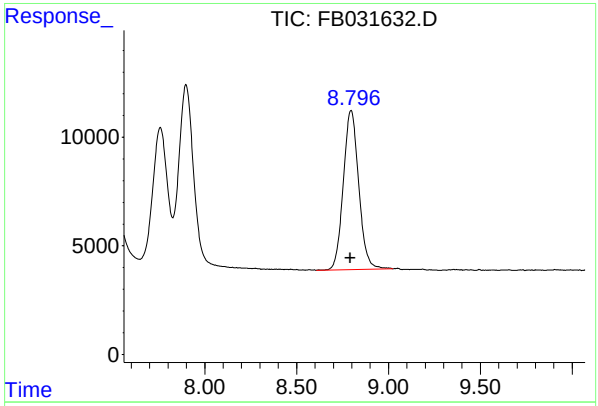
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.003 min
Response: 374733
Conc: 11.53 ng/ml



#4 Benzene

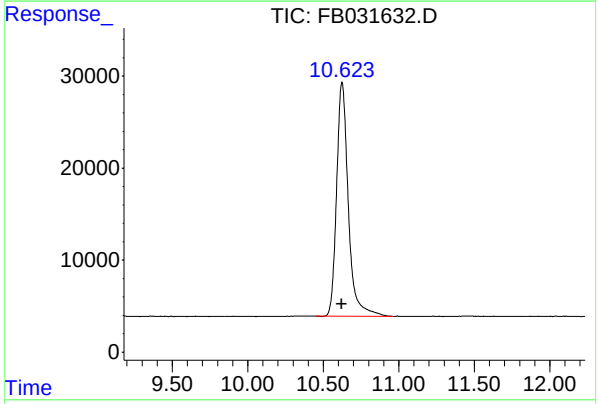
R.T.: 7.898 min
Delta R.T.: 0.004 min
Response: 489640
Conc: 11.60 ng/ml



#5 AAA-TFT

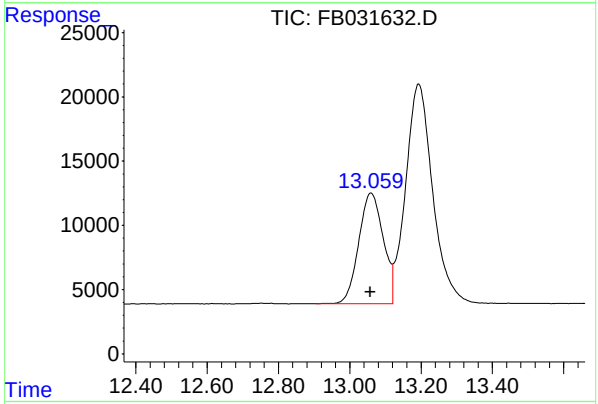
R.T.: 8.797 min
Delta R.T.: 0.004 min
Response: 428133
Conc: 19.29 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W1



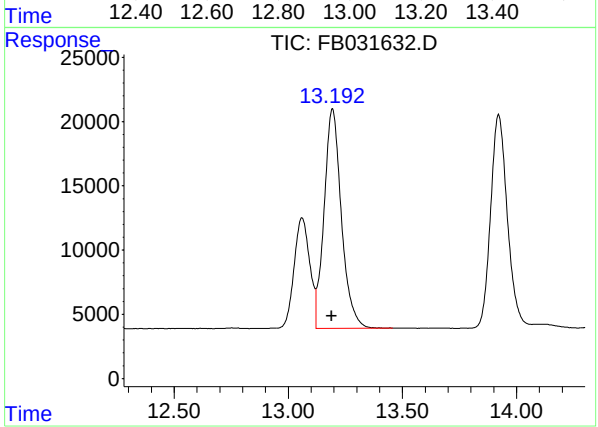
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.003 min
Response: 1370797
Conc: 34.52 ng/ml



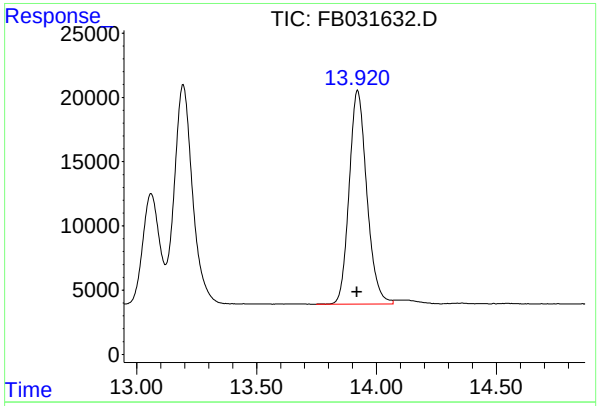
#7 Ethylbenzene

R.T.: 13.060 min
Delta R.T.: 0.003 min
Response: 411469
Conc: 11.49 ng/ml



#8 m-Xylene

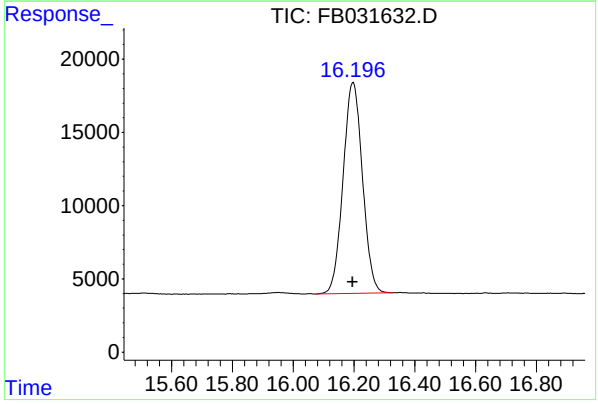
R.T.: 13.194 min
Delta R.T.: 0.003 min
Response: 901737
Conc: 22.98 ng/ml



#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: 0.002 min
Response: 850866
Conc: 23.01 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W1



#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min
Delta R.T.: 0.002 min
Response: 637776
Conc: 23.19 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031632.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:16
Sample : BSF0416W1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.728	4.582	5.041	BV	11307	863700	63.01%	11.442%
2	7.426	7.209	7.646	PV	13582	1219335	88.95%	16.154%
3	7.758	7.646	7.826	VV	6530	374733	27.34%	4.965%
4	7.898	7.826	8.258	VV	8498	489640	35.72%	6.487%
5	8.797	8.607	9.026	PV	7333	428133	31.23%	5.672%
6	10.625	10.452	10.961	BV	25436	1370797	100.00%	18.161%
7	13.060	12.905	13.121	PV	8615	411469	30.02%	5.451%
8	13.194	13.121	13.458	VB	17100	901737	65.78%	11.946%
9	13.921	13.747	14.069	BV	16641	850866	62.07%	11.272%
10	16.197	16.074	16.327	PV	14412	637776	46.53%	8.449%

Sum of corrected areas: 7548187

FB032625.M Thu Apr 17 01:51:19 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:	BSF0416W2	SDG No.:	Q1812
Lab Sample ID:	BSF0416W2	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
FB031633.D	1	04/16/25 10:43	FB041625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
GRO	GRO	213		6.00	45.0	ug/L
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.5		50 - 150	83%	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\FB041625\
Data File : FB031633.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:43
Operator : YP/AJ
Sample : BSF0416W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0416W2

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025

Integration File: Calibration.e
Quant Time: Apr 17 01:37:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 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	8.794	366846	16.526	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.722	881331	34.612	ng/mlm
2) t	2,2,4-Trimethylpentane	7.422	1256502	35.405	ng/ml
3) t	n-Heptane	7.756	378752	11.655	ng/ml
4) t	Benzene	7.895	487149	11.541	ng/ml
6) t	Toluene	10.623	1433904	36.108	ng/ml
7) t	Ethylbenzene	13.059	429401	11.995	ng/ml
8) t	m-Xylene	13.193	940748	23.979	ng/ml
9) t	O-Xylene	13.921	881804	23.845	ng/ml
10) t	1,2,4-Trimethylbenzene	16.197	670316	24.374	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB041625\
Data File : FB031633.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:43
Operator : YP/AJ
Sample : BSF0416W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

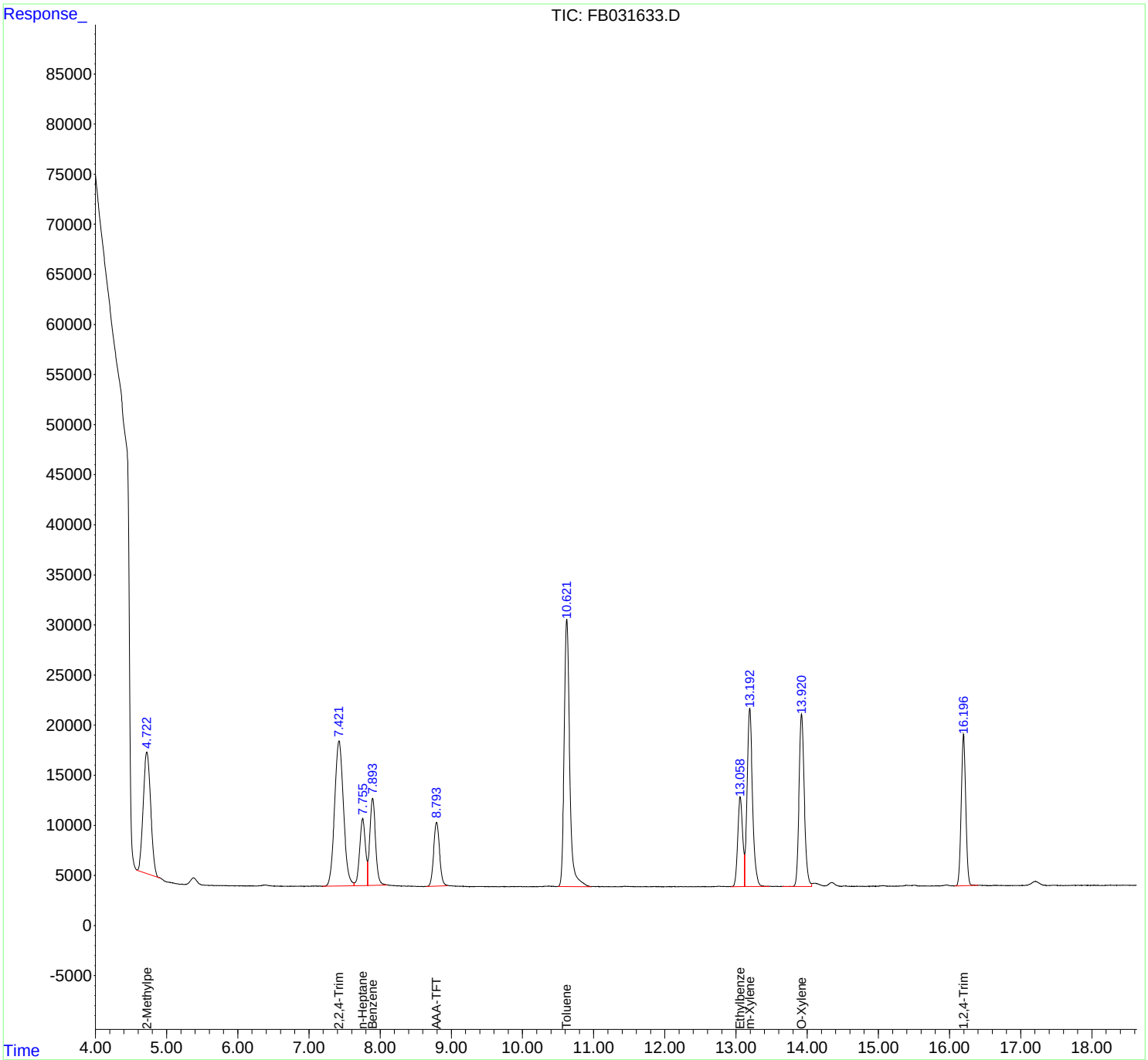
Integration File: Calibration.e
Quant Time: Apr 17 01:37:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Quant Title :
QLast Update : Wed Mar 26 12:17:59 2025
Response via : Initial Calibration
Integrator: ChemStation

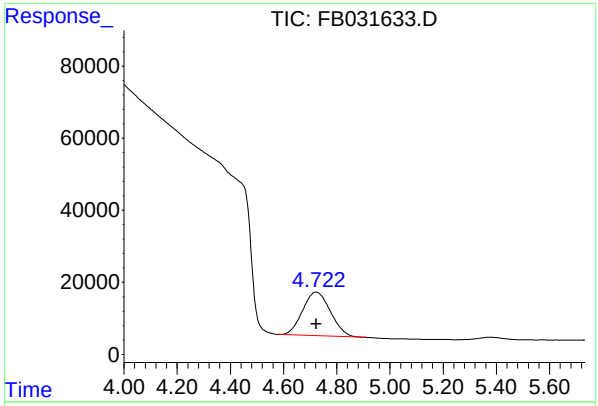
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
BSF0416W2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025





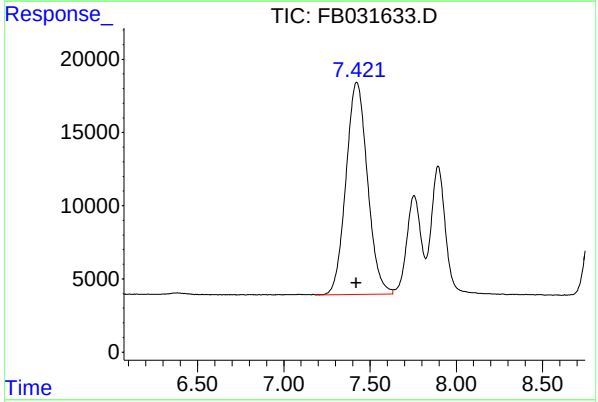
#1 2-Methylpentane

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 881331
Conc: 34.61 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W2

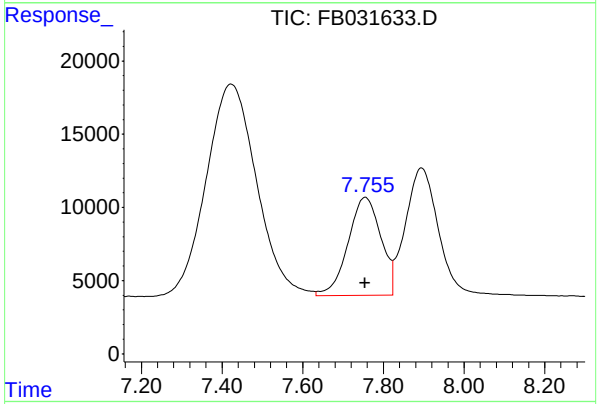
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



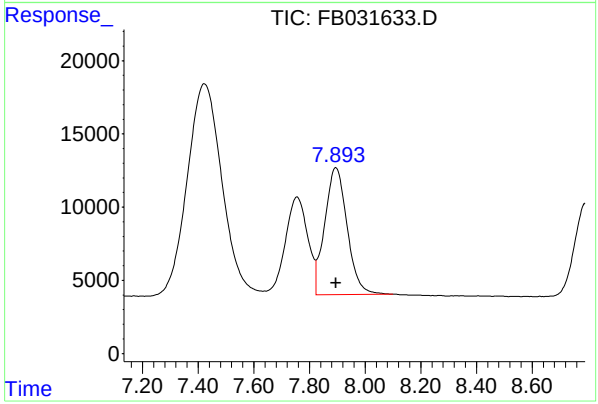
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 1256502
Conc: 35.40 ng/ml



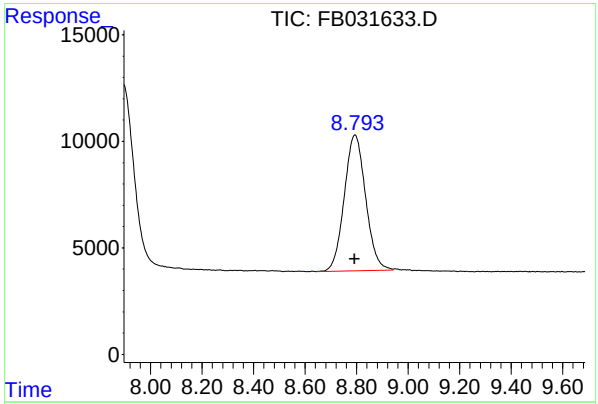
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.001 min
Response: 378752
Conc: 11.66 ng/ml



#4 Benzene

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 487149
Conc: 11.54 ng/ml



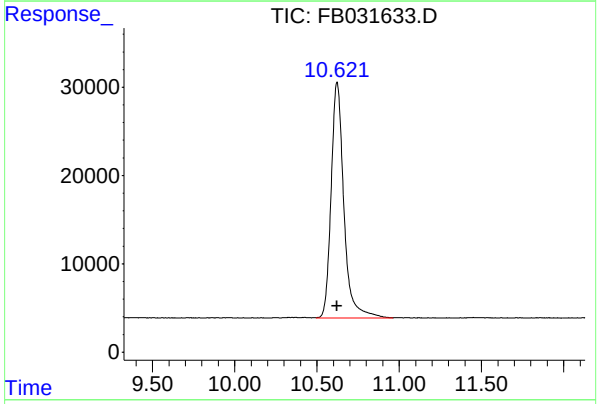
#5 AAA-TFT

R.T.: 8.794 min
Delta R.T.: 0.001 min
Response: 366846
Conc: 16.53 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W2

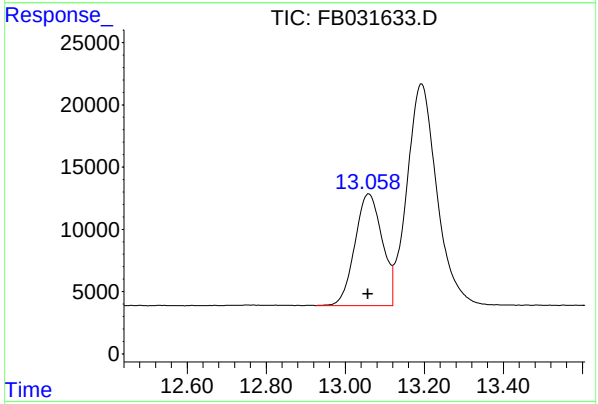
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



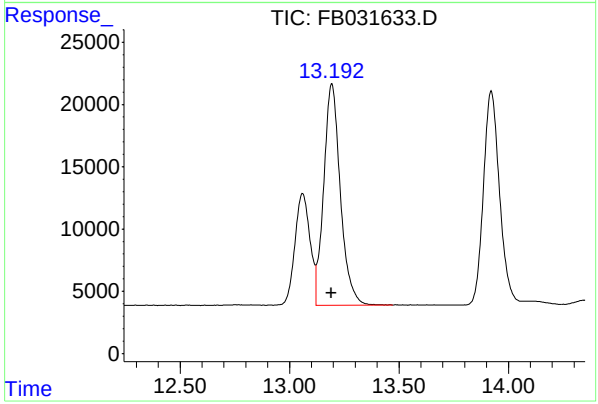
#6 Toluene

R.T.: 10.623 min
Delta R.T.: 0.001 min
Response: 1433904
Conc: 36.11 ng/ml



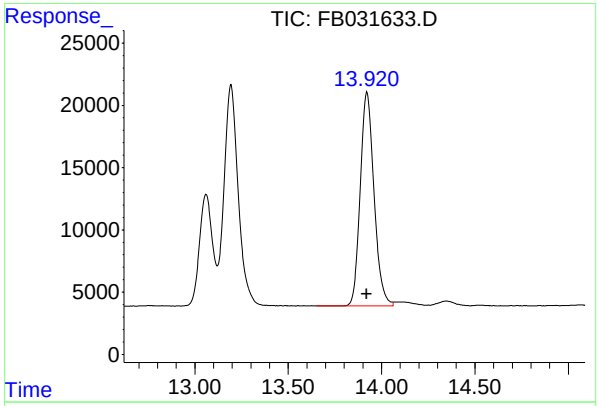
#7 Ethylbenzene

R.T.: 13.059 min
Delta R.T.: 0.002 min
Response: 429401
Conc: 12.00 ng/ml



#8 m-Xylene

R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 940748
Conc: 23.98 ng/ml



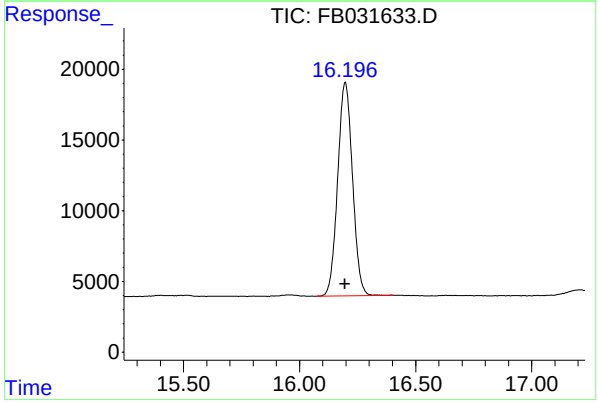
#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: 0.002 min
Response: 881804
Conc: 23.84 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min
Delta R.T.: 0.002 min
Response: 670316
Conc: 24.37 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0416W2

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2025
Supervised By :mohammad ahmed 04/18/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB04162
Data File : FB031633.D
Signal(s) : FID2B.CH
Acq On : 16 Apr 2025 10:43
Sample : BSF0416W2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB032625.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.723	4.576	5.153	BV	12097	862293	60.14%	11.187%
2	7.422	7.187	7.633	PV	14491	1256502	87.63%	16.302%
3	7.756	7.633	7.823	VV	6704	378752	26.41%	4.914%
4	7.895	7.823	8.100	VV	8689	487149	33.97%	6.320%
5	8.794	8.643	8.941	PV	6376	366846	25.58%	4.759%
6	10.623	10.495	10.963	VV	26704	1433904	100.00%	18.603%
7	13.059	12.925	13.120	PV	8967	429401	29.95%	5.571%
8	13.193	13.120	13.472	VV	17805	940748	65.61%	12.205%
9	13.921	13.650	14.062	VV	17210	881804	61.50%	11.441%
10	16.197	16.071	16.403	PBA	15103	670316	46.75%	8.697%

Sum of corrected areas: 7707717

FB032625.M Thu Apr 17 01:52:02 2025

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Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
100 GRO STD		FB031619.D	FB032625	2-Methylpentane	mohammad	3/28/2025 1:18:54 AM	Peak Integrated by Software incorrectly

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Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
BSF0416W2		FB031633.D	FB041625	2-Methylpentane	mohammad	4/18/2025 1:19:47 AM	Peak Integrated by Software incorrectly

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Fax : 908 789 8922

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB032625

Review By	yogesh	Review On	3/26/2025 3:19:35 PM		
Supervise By	mohammad	Supervise On	3/28/2025 1:18:54 AM		
SubDirectory	FB032625	HP Acquire Method		HP Processing Method	FB032625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24426,PP24427,PP24428,PP24429,PP24430
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24431
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031615.D	26 Mar 2025 10:37	YP/AJ	Ok
2	10 GRO STD	FB031616.D	26 Mar 2025 11:05	YP/AJ	Ok
3	20 GRO STD	FB031617.D	26 Mar 2025 11:32	YP/AJ	Ok
4	50 GRO STD	FB031618.D	26 Mar 2025 11:59	YP/AJ	Ok
5	100 GRO STD	FB031619.D	26 Mar 2025 12:27	YP/AJ	Ok,M
6	FB032625GROICV	FB031620.D	26 Mar 2025 13:26	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 # FB041625

Review By	yogesh	Review On	4/16/2025 12:06:43 PM		
Supervise By	mohammad	Supervise On	4/18/2025 1:19:47 AM		
SubDirectory	FB041625	HP Acquire Method		HP Processing Method	FB032625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24426,PP24427,PP24428,PP24429,PP24430
CCC	PP24463,PP24464
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24431
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031630.D	16 Apr 2025 9:10	YP/AJ	Ok
2	VBF0416W1	FB031631.D	16 Apr 2025 9:48	YP/AJ	Ok
3	BSF0416W1	FB031632.D	16 Apr 2025 10:16	YP/AJ	Ok
4	BSF0416W2	FB031633.D	16 Apr 2025 10:43	YP/AJ	Ok,M
5	Q1812-02	FB031634.D	16 Apr 2025 11:29	YP/AJ	Ok
6	Q1812-03	FB031635.D	16 Apr 2025 11:57	YP/AJ	Ok
7	BSF0416W3	FB031636.D	16 Apr 2025 12:43	YP/AJ	Ok
8	20 PPB GRO STD	FB031637.D	16 Apr 2025 13:10	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 # FB032625

Review By	yogesh	Review On	3/26/2025 3:19:35 PM		
Supervise By	mohammad	Supervise On	3/28/2025 1:18:54 AM		
SubDirectory	FB032625	HP Acquire Method		HP Processing Method	FB032625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24426,PP24427,PP24428,PP24429,PP24430
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24431
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031615.D	26 Mar 2025 10:37		YP/AJ	Ok
2	10 GRO STD		FB031616.D	26 Mar 2025 11:05		YP/AJ	Ok
3	20 GRO STD		FB031617.D	26 Mar 2025 11:32		YP/AJ	Ok
4	50 GRO STD		FB031618.D	26 Mar 2025 11:59		YP/AJ	Ok
5	100 GRO STD		FB031619.D	26 Mar 2025 12:27		YP/AJ	Ok,M
6	FB032625GROICV		FB031620.D	26 Mar 2025 13:26		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 # FB041625

Review By	yogesh	Review On	4/16/2025 12:06:43 PM		
Supervise By	mohammad	Supervise On	4/18/2025 1:19:47 AM		
SubDirectory	FB041625	HP Acquire Method		HP Processing Method	FB032625

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24426,PP24427,PP24428,PP24429,PP24430
CCC	PP24463,PP24464
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24431
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031630.D	16 Apr 2025 9:10		YP/AJ	Ok
2	VBF0416W1		FB031631.D	16 Apr 2025 9:48		YP/AJ	Ok
3	BSF0416W1		FB031632.D	16 Apr 2025 10:16		YP/AJ	Ok
4	BSF0416W2		FB031633.D	16 Apr 2025 10:43		YP/AJ	Ok,M
5	Q1812-02		FB031634.D	16 Apr 2025 11:29		YP/AJ	Ok
6	Q1812-03		FB031635.D	16 Apr 2025 11:57		YP/AJ	Ok
7	BSF0416W3		FB031636.D	16 Apr 2025 12:43		YP/AJ	Ok
8	20 PPB GRO STD		FB031637.D	16 Apr 2025 13:10		YP/AJ	Ok

M : Manual Integration

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

Prep Standard - Chemical Standard Summary

Order ID : Q1812

Test : Gasoline Range Organics

Prepbatch ID :

Sequence ID/Qc Batch ID: FB041625,

Standard ID :
PP24110,PP24111,PP24112,PP24426,PP24427,PP24428,PP24429,PP24430,PP24431,PP24463,PP24464,

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

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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
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	PP24426	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 5.00000ml of W3112 + 0.00100ml of PP24112 + 0.00250ml of PP24110 = Final Quantity: 5.004 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
237	10 PPB ICC GRO STD	PP24427	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

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	PP24428	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24110 = 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
235	50 PPB ICC GRO STD	PP24429	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

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
234	100 PPB ICC GRO STD	PP24430	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 5.00000ml of W3112 + 0.02000ml of PP24112 + 0.05000ml of PP24110 = Final Quantity: 5.070 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
240	20 PPB ICV GRO STD	PP24431	03/26/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 5.00000ml of W3112 + 0.00400ml of PP24112 + 0.01000ml of PP24111 = 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	PP24463	04/16/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/21/2025

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	PP24464	04/16/2025	07/13/2025	Yogesh Patel	None	None	Abdul Mirza 04/21/2025

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

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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 +/- 84.4194 +/- 86.3938	µg/mL µg/mL 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 +/- 84.3476 +/- 86.3203	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
3	n-Heptane (C7) **CAS #** 142-82-5 **Purity** 98%	(Lot SHBK8626)	500.8 µg/mL	+/- 2.9745 +/- 28.0848 +/- 28.7417	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
4	Benzene **CAS #** 71-43-2 **Purity** 99%	(Lot SHBK5679)	501.0 µg/mL	+/- 2.9758 +/- 28.0972 +/- 28.7543	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
5	Toluene **CAS #** 108-88-3 **Purity** 99%	(Lot MKCH9232)	1,505.0 µg/mL	+/- 8.9392 +/- 84.4037 +/- 86.3777	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
6	Ethylbenzene **CAS #** 100-41-4 **Purity** 99%	(Lot SHBJ4278)	502.0 µg/mL	+/- 2.9817 +/- 28.1533 +/- 28.8117	µg/mL µg/mL µg/mL	Gravimetric Unstressed Stressed
7	m-Xylene **CAS #** 108-38-3 **Purity** 99%	(Lot SHBJ8743)	1,004.0 µg/mL	+/- 5.9635 +/- 56.3065 +/- 57.6234	µg/mL µg/mL 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)

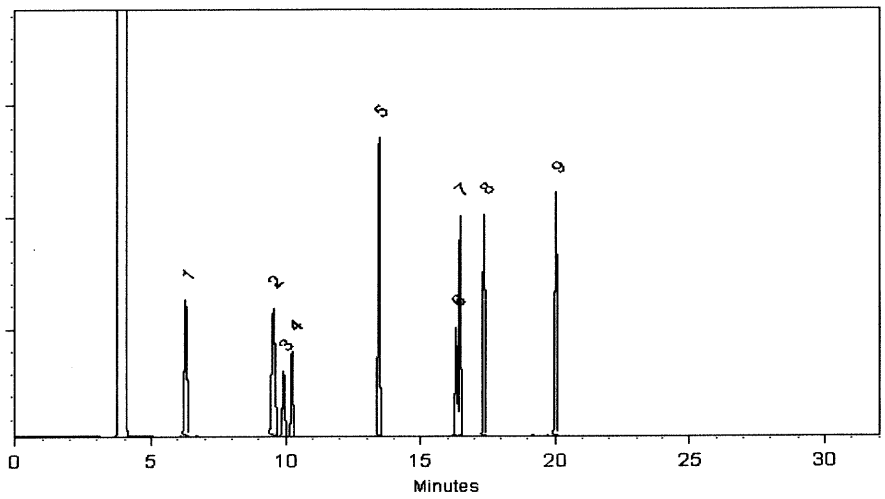
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

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. Q1812
COC Number 2046603

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt Kemble Ave Suite #100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Yurkanin John.Yurkanin@Jacobs.com
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC PTC
PROJECT NO.: D3865221 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) Rush TAT (48hr) 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 TCL VOCs (8260D) 2 TCL SVOCs (8270E) 3. TAL Metals (6020B/7470A) 4 TPH - GRO (8015M) 5 TPH - DRO/ORO (8015M) 6 TPH CC TAL 7 8 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 A/E	2 E	3 B/E	4 A/E	5 E	6 E	7	8	9	COMMENTS
1.	TB01-041525	DI		X	4/15/25	1100	2	✓									
2.	RINSE-EB-TANK-041525	W		X	4/15/25	1120	8	✓	✓	✓	✓	✓	✓				
3.	RINSE-EB-PUMP-041525	W		X	4/15/25	1135	8	✓	✓	✓	✓	✓	✓				
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/15/25 1640	1. 4/15/25 16:10
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 5.5 °C
Comments:

Page ____ of

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1812 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 4/15/2025 4:26:00 PM
Project Name : Former Schlumberger STC
Receive DateTime : 4/15/2025 4:10:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : Level 4
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff : 4/16/2025 9:55:15 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD		FAX DATE	DUE DATES
Q1812-01	TB01-041525	Water	04/15/2025	11:00						
					VOC-TCLVOA-10		8260-Low	1 Bus. Day	04/17/2025	
Q1812-02	RINSE-EB-TANK-041525	Water	04/15/2025	11:20						
					VOC-TCLVOA-10		8260-Low	1 Bus. Day	04/17/2025	
Q1812-03	RINSE-EB-PUMP-041525	Water	04/15/2025	11:35						
					VOC-TCLVOA-10		8260-Low	1 Bus. Day	04/17/2025	

Relinquished By :
Date / Time : 4 15 25 16:30

Received By :
Date / Time : 4.15.25 16:30

Storage Area : VOA Refridgerator Room