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

GC SEMI-VOLATILES

PROJECT NAME : NYCDDC SANTWOBR BROOKLYN BRIDGE BBMCR

RU2 ENGINEERING, LLC

2 Melinda Drive

Monroe Township, NJ - 08831

Phone No: 732-261-2236

ORDER ID : Q1207

ATTENTION : Rutu Manani

Laboratory Certification ID # 20012

Table Of Contents for Q1207

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Cover Page

Order ID : Q1207

Project ID : NYCDDC SANTWOBR Brooklyn Bridge BBMCR

Client : RU2 Engineering, LLC

Lab Sample Number	Client Sample Number
Q1207-01	JPP-2.1-012725
Q1207-02	JPP-2.1-012725
Q1207-03	JPP-2.1-012725
Q1207-04	JPP-2.1-012725
Q1207-05	JPP-5.1-012725
Q1207-06	JPP-5.1-012725
Q1207-07	JPP-5.1-012725
Q1207-08	JPP-5.1-012725
Q1207-09	JPP-4.5-012725
Q1207-10	JPP-4.5-012725
Q1207-11	JPP-4.5-012725
Q1207-12	JPP-4.5-012725
Q1207-13	JPP-16.2-012725
Q1207-14	JPP-16.2-012725
Q1207-15	JPP-16.2-012725
Q1207-16	JPP-16.2-012725
Q1207-17	JPP-20.2-012725
Q1207-18	JPP-20.2-012725
Q1207-19	JPP-20.2-012725
Q1207-20	JPP-20.2-012725

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

Signature : _____ Date: 2/3/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

RU2 Engineering, LLC
Project Name: NYCDDC SANTWOBR Brooklyn Bridge BBMCR
Project # N/A
Chemtech Project # Q1207
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
20 Solid samples were received on 01/28/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Corrosivity, Diesel Range Organics, Gasoline Range Organics, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, Paint Filter, PCB, Pesticide-TCL, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL and VOCMS Group1. 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 MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike 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:
The soil samples results are based on a dry weight basis.

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

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Signature_____

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908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1207 MATRIX: Solid

METHOD: 8015D/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. 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 MS recoveries met the requirements for all compounds . The MSD recoveries met the acceptable requirements . The Blank Spike 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:		✓	

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
9.	Analysis Holding Time Met		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable range.

The Holding Times were met for all analysis.

ADDITIONAL COMMENTS:

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

_____ _____

QA REVIEW Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1207

	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:** 02/03/2025

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LAB CHRONICLE

OrderID:	Q1207	**OrderDate:**	1/28/2025 11:40:00 AM
Client:	RU2 Engineering, LLC	**Project:**	NYCDDC SANTWOBR Brooklyn Bridge BBMCR
Contact:	Rutu Manani	**Location:**	E11,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1207-01	**JPP-2.1-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Diesel Range Organics	8015D		01/29/25	01/30/25	
			Gasoline Range Organics	8015D			01/29/25	
Q1207-05	**JPP-5.1-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Diesel Range Organics	8015D		01/29/25	01/30/25	
			Gasoline Range Organics	8015D			01/29/25	
Q1207-09	**JPP-4.5-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Gasoline Range Organics	8015D			01/29/25	
Q1207-11	**JPP-4.5-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Gasoline Range Organics	8015D			01/29/25	
Q1207-13	**JPP-16.2-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Gasoline Range Organics	8015D			01/29/25	
Q1207-17	**JPP-20.2-012725**	**SOIL**			**01/27/25**			**01/28/25**
			Gasoline Range Organics	8015D			01/29/25	

QC SUMMARY

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SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: RU2 Engineering, LLC

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG No.: Q1207

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBF0129S1	86				0
BSF0129S1	94				0
JPP-20.2-012725	81				0
JPP-2.1-012725	97				0
JPP-20.2-012725MS	95				0
JPP-20.2-012725MSD	92				0
JPP-5.1-012725	73				0
JPP-16.2-012725	76				0
JPP-4.5-012725	85				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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SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** RU2 Engineering, LLC

Lab Code: CHEM **Cas No:** Q1207 **SAS No :** Q1207 **SDG No:** Q1207

Client SampleID : JPP-20.2-012725MS **Datafile:** FB031362.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	204	0	188	92%		50-150

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SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** RU2 Engineering, LLC

Lab Code: CHEM **Cas No:** Q1207 **SAS No :** Q1207 **SDG No:** Q1207

Client SampleID : JPP-20.2-012725MSD **Datafile:** FB031363.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	202	0	185	92%		50-150

MS/MSD % Recovery RPD : 0.0

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

Lab Name: Chemtech **Client:** RU2 Engineering, LLC

Lab Code: CHEM **Cas No:** Q1207 **SAS No :** Q1207 **SDG No:** Q1207

Matrix Spike - EPA Sample No : BSF0129S1 **Datafile:** FB031359.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	205	114	50-150

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METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0129S1

Lab Name: CHEMTECH Contract: RUTW01

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG NO.: Q1207

Lab File ID: FB031357.D Lab Sample ID: VBF0129S1

Date Analyzed: 01/29/25 Time Analyzed: 9:17

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

Instrument ID: FB

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BSF0129S1	BSF0129S1	FB031359.D	01/29/25
JPP-20.2-012725	Q1207-17	FB031360.D	01/29/25
JPP-2.1-012725	Q1207-01	FB031361.D	01/29/25
JPP-20.2-012725MS	Q1207-17MS	FB031362.D	01/29/25
JPP-20.2-012725MSD	Q1207-17MSD	FB031363.D	01/29/25
JPP-5.1-012725	Q1207-05	FB031364.D	01/29/25
JPP-16.2-012725	Q1207-13	FB031366.D	01/29/25
JPP-4.5-012725	Q1207-09	FB031371.D	01/29/25

COMMENTS:

SAMPLE DATA

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Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-2.1-012725	SDG No.:	Q1207
Lab Sample ID:	Q1207-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.8 Decanted:
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031361.D	1	01/29/25 11:27	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	52.0	U	9.00	52.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.3		50 - 150	97%	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\FB012925\
Data File : FB031361.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:27
Operator : YP/AJ
Sample : Q1207-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-2.1-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:54:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	460266	19.296	ng/ml
Target Compounds					

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

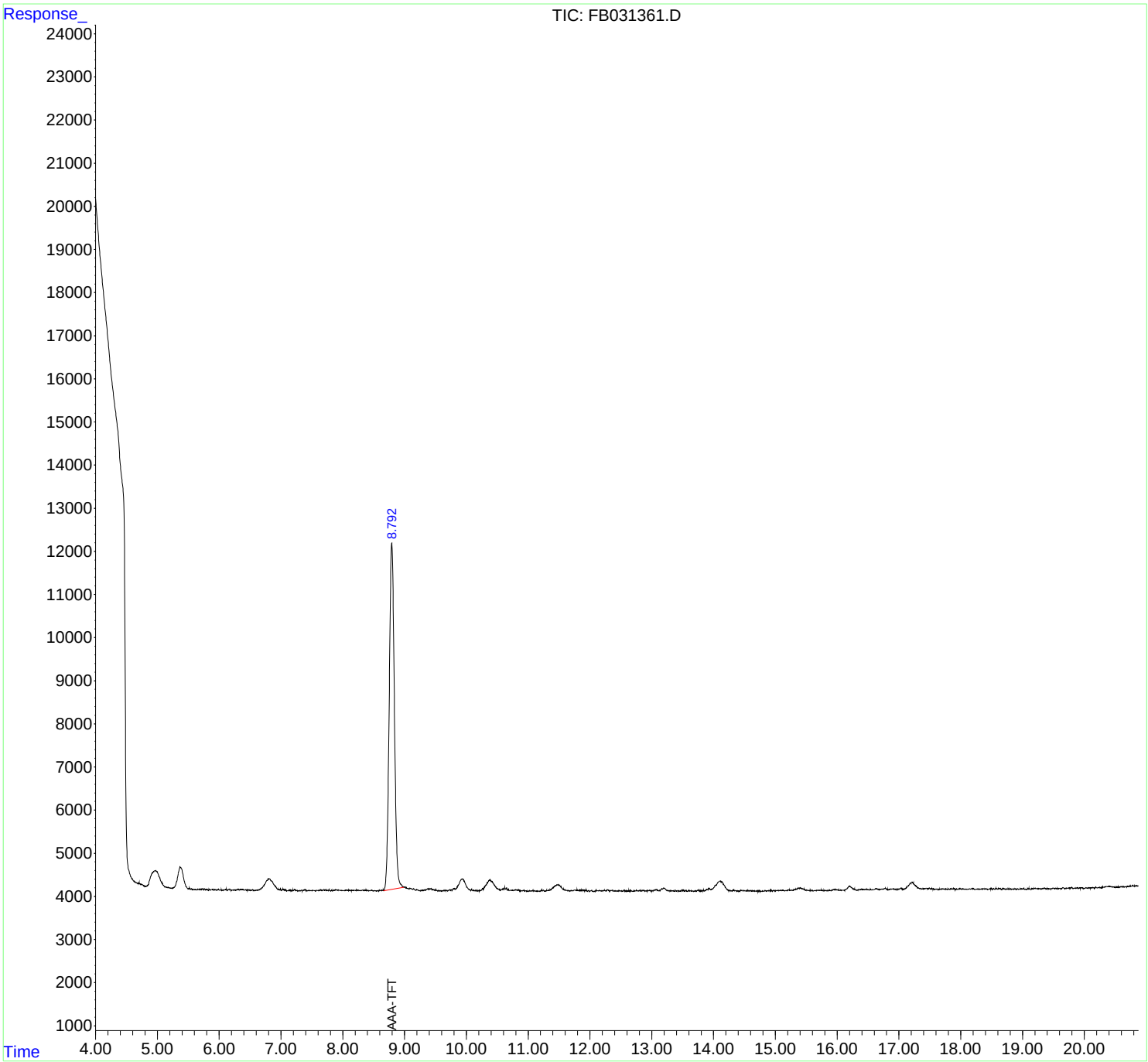
Quantitation Report (QT Reviewed)

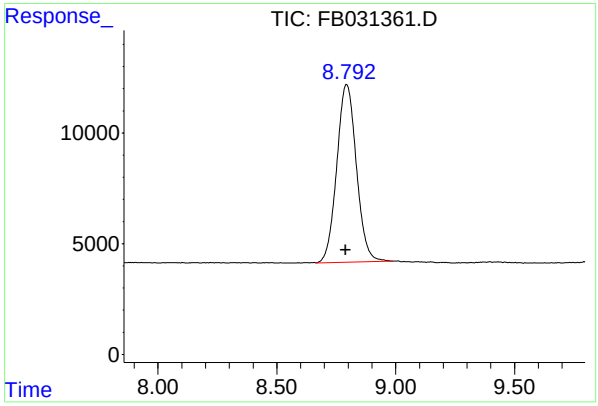
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031361.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:27
Operator : YP/AJ
Sample : Q1207-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-2.1-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:54:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 8.794 min
Delta R.T.: 0.004 mi
Response: 460266
Conc: 19.30 ng/m

Instrument :
FID_B
ClientSampleId :
JPP-2.1-012725

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Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031361.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:27
Sample : Q1207-01
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 6 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	5.223	5.211	5.244	PV	7	75	0.02%	0.011%
2	5.521	5.508	5.537	VV	38	369	0.08%	0.053%
3	5.551	5.537	5.565	VV	25	255	0.05%	0.037%
4	5.590	5.565	5.617	PV	16	260	0.06%	0.037%
5	5.629	5.617	5.644	VV	13	122	0.03%	0.018%
6	5.684	5.644	5.695	VV	21	373	0.08%	0.054%
7	5.731	5.695	5.757	VV	30	753	0.16%	0.108%
8	5.767	5.757	5.782	VV	27	281	0.06%	0.041%
9	5.808	5.782	5.828	VV	21	365	0.08%	0.053%
10	5.838	5.828	5.912	PV	27	815	0.17%	0.117%
11	5.941	5.912	5.955	VV	21	367	0.08%	0.053%
12	5.988	5.955	6.007	VV	32	491	0.10%	0.071%
13	6.024	6.007	6.046	VV	16	233	0.05%	0.034%
14	6.117	6.046	6.133	PV	36	789	0.17%	0.114%
15	6.152	6.133	6.199	PV	29	763	0.16%	0.110%
16	6.210	6.199	6.226	VV	17	209	0.04%	0.030%
17	6.247	6.226	6.273	VV	20	380	0.08%	0.055%
18	6.304	6.273	6.321	VV	37	651	0.14%	0.094%
19	6.359	6.321	6.379	VV	36	947	0.20%	0.136%
20	6.391	6.379	6.416	VV	30	479	0.10%	0.069%
21	6.428	6.416	6.444	VV	26	306	0.06%	0.044%
22	6.461	6.444	6.471	VV	26	305	0.06%	0.044%
23	6.484	6.471	6.506	VV	26	308	0.07%	0.044%
24	6.515	6.506	6.532	VV	19	198	0.04%	0.029%
25	6.543	6.532	6.569	VV	26	326	0.07%	0.047%
26	6.578	6.569	6.591	VV	16	153	0.03%	0.022%
27	6.604	6.591	6.613	VV	18	191	0.04%	0.028%
28	6.628	6.613	6.636	VV	23	231	0.05%	0.033%
29	6.667	6.636	6.674	VV	46	657	0.14%	0.095%
30	6.969	6.959	6.985	VV	41	515	0.11%	0.074%
31	6.995	6.985	7.007	VV	56	399	0.08%	0.057%
32	7.030	7.007	7.060	VV	46	963	0.20%	0.139%
33	7.073	7.060	7.098	VV	40	417	0.09%	0.060%
34	7.140	7.098	7.148	VV	28	440	0.09%	0.063%
35	7.157	7.148	7.182	VV	26	319	0.07%	0.046%
36	7.191	7.182	7.202	PV	24	188	0.04%	0.027%

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37	7.219	7.202	7.251	VV	41	719	0.15%	0.104%
38	7.262	7.251	7.272	VV	18	148	0.03%	0.021%
39	7.310	7.272	7.317	VV	15	269	0.06%	0.039%
40	7.333	7.317	7.348	VV	27	316	0.07%	0.046%
41	7.360	7.348	7.368	VV	26	202	0.04%	0.029%
42	7.382	7.368	7.428	VV	38	813	0.17%	0.117%
43	7.438	7.428	7.449	VV	15	152	0.03%	0.022%
44	7.453	7.449	7.496	VV	18	367	0.08%	0.053%
45	7.502	7.496	7.508	VV	21	114	0.02%	0.016%
46	7.516	7.508	7.562	VV	21	443	0.09%	0.064%
47	7.579	7.562	7.613	VV	23	439	0.09%	0.063%
48	7.643	7.613	7.671	VV	39	731	0.16%	0.105%
49	7.718	7.671	7.731	VV	38	874	0.19%	0.126%
50	7.745	7.731	7.769	VV	27	411	0.09%	0.059%
51	7.782	7.769	7.808	VV	39	435	0.09%	0.063%
52	7.821	7.808	7.835	VV	29	266	0.06%	0.038%
53	7.880	7.835	7.922	VV	34	1251	0.27%	0.180%
54	7.932	7.922	7.961	VV	32	553	0.12%	0.080%
55	7.968	7.961	7.978	VV	24	196	0.04%	0.028%
56	7.986	7.978	8.000	VV	23	236	0.05%	0.034%
57	8.056	8.000	8.095	VV	31	1195	0.25%	0.172%
58	8.103	8.095	8.138	VV	31	475	0.10%	0.068%
59	8.148	8.138	8.180	VV	31	542	0.11%	0.078%
60	8.192	8.180	8.202	VV	24	264	0.06%	0.038%
61	8.221	8.202	8.240	VV	33	540	0.11%	0.078%
62	8.255	8.240	8.267	VV	30	377	0.08%	0.054%
63	8.279	8.267	8.295	VV	24	299	0.06%	0.043%
64	8.321	8.295	8.349	VV	30	721	0.15%	0.104%
65	8.380	8.349	8.389	VV	32	580	0.12%	0.084%
66	8.401	8.389	8.424	VV	26	395	0.08%	0.057%
67	8.473	8.424	8.501	VV	30	837	0.18%	0.121%
68	8.516	8.501	8.527	VV	21	217	0.05%	0.031%
69	8.573	8.527	8.584	VV	17	426	0.09%	0.061%
70	8.596	8.584	8.605	VV	22	199	0.04%	0.029%
71	8.632	8.605	8.641	VV	32	502	0.11%	0.072%
72	8.656	8.641	8.664	VV	33	363	0.08%	0.052%
73	8.794	8.664	8.988	VV	8077	471399	100.00%	67.926%
74	9.011	8.988	9.026	VV	105	2173	0.46%	0.313%
75	9.034	9.026	9.077	VV	84	2081	0.44%	0.300%
76	9.086	9.077	9.132	VV	77	2107	0.45%	0.304%
77	9.147	9.132	9.181	VV	66	1366	0.29%	0.197%
78	9.191	9.181	9.252	VV	43	1231	0.26%	0.177%
79	9.289	9.252	9.304	VV	35	747	0.16%	0.108%
80	9.317	9.304	9.329	VV	35	411	0.09%	0.059%
81	9.339	9.329	9.345	VV	45	325	0.07%	0.047%
82	9.372	9.345	9.383	VV	62	1122	0.24%	0.162%
83	9.397	9.383	9.407	VV	75	890	0.19%	0.128%
84	9.431	9.407	9.452	VV	69	1539	0.33%	0.222%
85	9.460	9.452	9.497	VV	55	1041	0.22%	0.150%
86	9.505	9.497	9.539	VV	48	643	0.14%	0.093%
87	9.545	9.539	9.573	VV	29	355	0.08%	0.051%
88	9.585	9.573	9.605	VV	24	315	0.07%	0.045%
89	9.627	9.605	9.647	VV	28	445	0.09%	0.064%

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90	9.656	9.647	9.698	VV	34	683	0.14%	0.098%
91	9.734	9.698	9.759	VV	44	1089	0.23%	0.157%
92	9.765	9.759	9.772	VV	45	294	0.06%	0.042%
93	9.795	9.772	9.825	VV	68	1757	0.37%	0.253%
94	9.930	9.825	10.069	VV	296	23396	4.96%	3.371%
95	10.084	10.069	10.095	VV	50	556	0.12%	0.080%
96	10.104	10.095	10.113	VV	38	322	0.07%	0.046%
97	10.122	10.113	10.132	VV	36	310	0.07%	0.045%
98	10.148	10.132	10.162	VV	30	361	0.08%	0.052%
99	10.173	10.162	10.184	VV	44	330	0.07%	0.048%
100	10.195	10.184	10.204	VV	25	234	0.05%	0.034%
101	10.271	10.204	10.278	VV	74	1761	0.37%	0.254%
102	10.390	10.278	10.555	VV	274	25271	5.36%	3.641%
103	10.581	10.555	10.588	VV	59	961	0.20%	0.138%
104	10.624	10.588	10.640	VV	100	2065	0.44%	0.298%
105	10.651	10.640	10.668	VV	80	1012	0.21%	0.146%
106	10.680	10.668	10.693	VV	60	602	0.13%	0.087%
107	10.703	10.693	10.709	VV	34	270	0.06%	0.039%
108	10.723	10.709	10.762	VV	34	968	0.21%	0.139%
109	10.796	10.762	10.828	VV	47	1409	0.30%	0.203%
110	10.839	10.828	10.868	VV	46	804	0.17%	0.116%
111	10.875	10.868	10.911	VV	29	510	0.11%	0.073%
112	10.919	10.911	10.952	VV	31	595	0.13%	0.086%
113	10.964	10.952	10.998	VV	23	401	0.09%	0.058%
114	11.017	10.998	11.029	PV	28	278	0.06%	0.040%
115	11.039	11.029	11.047	VV	20	169	0.04%	0.024%
116	11.057	11.047	11.068	VV	23	234	0.05%	0.034%
117	11.079	11.068	11.107	VV	38	513	0.11%	0.074%
118	11.114	11.107	11.195	VV	22	683	0.14%	0.098%
119	11.217	11.195	11.229	VV	49	499	0.11%	0.072%
120	11.248	11.229	11.273	VV	39	592	0.13%	0.085%
121	11.282	11.273	11.290	VV	22	161	0.03%	0.023%
122	11.301	11.290	11.316	VV	31	393	0.08%	0.057%
123	11.335	11.316	11.343	VV	40	485	0.10%	0.070%
124	11.481	11.343	11.591	VV	164	15121	3.21%	2.179%
125	11.601	11.591	11.620	VV	50	632	0.13%	0.091%
126	11.630	11.620	11.683	VV	35	927	0.20%	0.134%
127	11.696	11.683	11.704	VV	33	301	0.06%	0.043%
128	11.712	11.704	11.729	VV	30	385	0.08%	0.056%
129	11.752	11.729	11.775	VV	42	969	0.21%	0.140%
130	11.793	11.775	11.805	VV	51	633	0.13%	0.091%
131	11.823	11.805	11.838	VV	42	566	0.12%	0.081%
132	11.846	11.838	11.861	VV	45	456	0.10%	0.066%
133	11.866	11.861	11.871	VV	39	210	0.04%	0.030%
134	11.888	11.871	11.924	VV	46	1004	0.21%	0.145%
135	11.935	11.924	11.963	VV	42	628	0.13%	0.091%
136	11.975	11.963	11.995	VV	30	359	0.08%	0.052%
137	12.028	11.995	12.041	VV	36	558	0.12%	0.080%
138	12.050	12.041	12.059	VV	19	123	0.03%	0.018%
139	12.101	12.059	12.112	VV	48	592	0.13%	0.085%
140	12.157	12.112	12.186	VV	33	1048	0.22%	0.151%
141	12.199	12.186	12.209	VV	31	300	0.06%	0.043%

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142	12.231	12.209	12.267	VV	37	821	0.17%	0.118%
143	12.288	12.267	12.312	VV	47	936	0.20%	0.135%
144	12.324	12.312	12.340	VV	29	428	0.09%	0.062%
145	12.359	12.340	12.382	VV	37	617	0.13%	0.089%
146	12.392	12.382	12.400	VV	27	203	0.04%	0.029%
147	12.408	12.400	12.419	VV	22	183	0.04%	0.026%
148	12.428	12.419	12.443	VV	26	266	0.06%	0.038%
149	12.473	12.443	12.508	VV	34	820	0.17%	0.118%
150	12.516	12.508	12.527	VV	31	212	0.04%	0.030%
151	12.555	12.527	12.565	VV	45	562	0.12%	0.081%
152	12.574	12.565	12.583	VV	29	217	0.05%	0.031%
153	12.594	12.583	12.611	PV	36	318	0.07%	0.046%
154	12.618	12.611	12.623	VV	19	122	0.03%	0.018%
155	12.631	12.623	12.640	VV	32	162	0.03%	0.023%
156	12.654	12.640	12.693	PV	42	581	0.12%	0.084%
157	12.755	12.693	12.782	VV	35	1042	0.22%	0.150%
158	12.805	12.782	12.823	VV	33	542	0.12%	0.078%
159	12.831	12.823	12.842	VV	31	258	0.05%	0.037%
160	12.854	12.842	12.876	VV	31	504	0.11%	0.073%
161	12.884	12.876	12.893	VV	30	248	0.05%	0.036%
162	12.902	12.893	12.940	VV	22	544	0.12%	0.078%
163	12.968	12.940	12.989	VV	30	696	0.15%	0.100%
164	13.000	12.989	13.007	VV	29	195	0.04%	0.028%
165	13.035	13.007	13.046	VV	35	636	0.13%	0.092%
166	13.061	13.046	13.068	VV	47	536	0.11%	0.077%
167	13.081	13.068	13.111	VV	55	929	0.20%	0.134%
168	13.164	13.111	13.174	VV	69	1484	0.31%	0.214%
169	13.200	13.174	13.271	VV	81	2930	0.62%	0.422%
170	13.276	13.271	13.298	VV	25	300	0.06%	0.043%
171	13.308	13.298	13.374	VV	29	746	0.16%	0.108%
172	13.389	13.374	13.406	VV	27	250	0.05%	0.036%
173	13.427	13.406	13.474	VV	22	524	0.11%	0.075%
174	13.488	13.474	13.500	VV	41	321	0.07%	0.046%
175	13.514	13.500	13.540	VV	39	419	0.09%	0.060%
176	13.553	13.540	13.573	VV	30	251	0.05%	0.036%
177	13.606	13.573	13.617	PV	31	366	0.08%	0.053%
178	13.625	13.617	13.686	VB	17	352	0.07%	0.051%
179	13.754	13.692	13.778	BV	23	512	0.11%	0.074%
180	13.790	13.778	13.797	VV	22	126	0.03%	0.018%
181	13.813	13.797	13.830	PV	31	290	0.06%	0.042%
182	13.841	13.830	13.851	VV	36	217	0.05%	0.031%
183	13.865	13.851	13.871	VV	26	189	0.04%	0.027%
184	13.926	13.871	13.964	VV	69	2693	0.57%	0.388%
185	13.976	13.964	13.984	VV	61	626	0.13%	0.090%
186	14.111	13.984	14.132	VV	245	15256	3.24%	2.198%
187	14.138	14.132	14.303	VV	225	8803	1.87%	1.268%
188	14.327	14.303	14.342	VV	40	685	0.15%	0.099%
189	14.358	14.342	14.380	VV	28	508	0.11%	0.073%
190	14.390	14.380	14.426	VV	23	453	0.10%	0.065%
191	14.446	14.426	14.480	PV	36	837	0.18%	0.121%
192	14.491	14.480	14.515	VV	35	537	0.11%	0.077%
193	14.542	14.515	14.578	VV	34	839	0.18%	0.121%
194	14.597	14.578	14.608	VV	33	450	0.10%	0.065%

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195	14.619	14.608	14.627	VV	33	260	0.06%	0.037%
196	14.635	14.627	14.643	VV	29	206	0.04%	0.030%
197	14.652	14.643	14.668	VV	25	284	0.06%	0.041%
198	14.679	14.668	14.689	VV	21	204	0.04%	0.029%
199	14.704	14.689	14.713	VV	29	295	0.06%	0.043%
200	14.722	14.713	14.732	VV	37	250	0.05%	0.036%
201	14.741	14.732	14.752	PV	34	272	0.06%	0.039%
202	14.758	14.752	14.769	VV	29	167	0.04%	0.024%
203	14.791	14.769	14.800	VV	24	248	0.05%	0.036%
204	14.838	14.800	14.866	VV	25	686	0.15%	0.099%
205	14.884	14.866	14.926	VV	27	808	0.17%	0.116%
206	14.936	14.926	14.949	VV	41	325	0.07%	0.047%
207	14.970	14.949	15.006	VV	30	686	0.15%	0.099%
208	15.014	15.006	15.027	VV	22	256	0.05%	0.037%
209	15.080	15.027	15.097	VV	32	984	0.21%	0.142%
210	15.112	15.097	15.153	VV	34	799	0.17%	0.115%
211	15.220	15.153	15.245	VV	40	1362	0.29%	0.196%
212	15.398	15.245	15.551	VV	79	7766	1.65%	1.119%
213	15.565	15.551	15.581	VV	21	228	0.05%	0.033%
214	15.597	15.581	15.615	VV	24	223	0.05%	0.032%
215	15.682	15.615	15.703	VV	17	584	0.12%	0.084%
216	15.718	15.703	15.740	VV	15	322	0.07%	0.046%
217	15.745	15.740	15.779	VV	26	238	0.05%	0.034%
218	15.807	15.779	15.824	PV	10	198	0.04%	0.028%
219	15.844	15.824	15.863	VV	14	165	0.04%	0.024%
220	15.876	15.863	15.902	VV	20	167	0.04%	0.024%
221	15.952	15.902	15.968	VV	33	788	0.17%	0.114%
222	15.987	15.968	16.062	VV	25	901	0.19%	0.130%
223	16.097	16.062	16.121	VV	11	325	0.07%	0.047%
224	16.203	16.121	16.322	PV	101	5502	1.17%	0.793%
225	16.355	16.322	16.372	PV	11	211	0.04%	0.030%

Sum of corrected areas: 693985

FB011525.M Thu Jan 30 01:22:11 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-5.1-012725	SDG No.:	Q1207
Lab Sample ID:	Q1207-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	91.2 Decanted:
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031364.D	1	01/29/25 12:47	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	11.0	J	8.00	49.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	14.6		50 - 150	73%	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\FB012925\
Data File : FB031364.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:47
Operator : YP/AJ
Sample : Q1207-05
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-5.1-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	348099	14.594 ng/ml
Target Compounds			

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

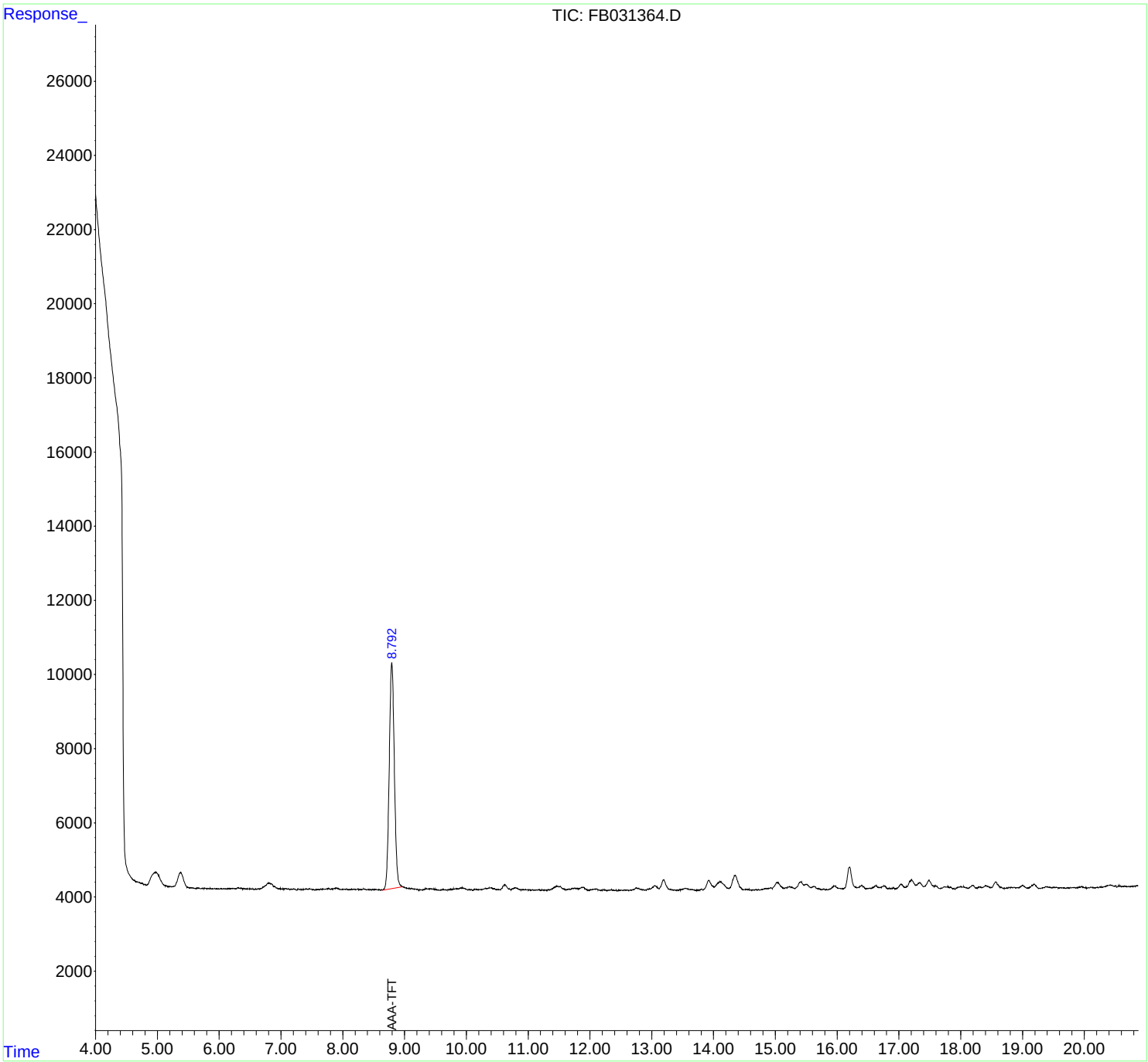
Quantitation Report (QT Reviewed)

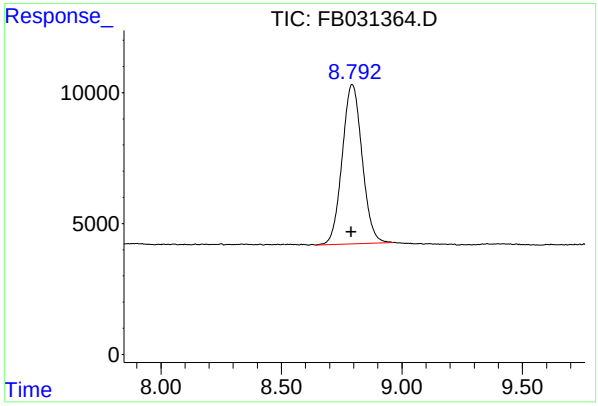
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031364.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:47
Operator : YP/AJ
Sample : Q1207-05
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-5.1-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 8.794 min
Delta R.T.: 0.004 mi
Response: 348099
Conc: 14.59 ng/m

Instrument :
FID_B
ClientSampleId :
JPP-5.1-012725

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031364.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:47
Sample : Q1207-05
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 9 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.686	4.637	4.732	BV	9	187	0.05%	0.026%
2	4.753	4.732	4.797	PV	23	429	0.12%	0.060%
3	4.805	4.797	4.819	VV	23	189	0.05%	0.026%
4	5.203	5.194	5.228	VV	22	324	0.09%	0.045%
5	5.236	5.228	5.244	VV	16	116	0.03%	0.016%
6	5.269	5.244	5.277	VV	33	471	0.13%	0.066%
7	5.537	5.526	5.548	VV	23	201	0.06%	0.028%
8	5.557	5.548	5.568	VV	27	222	0.06%	0.031%
9	5.575	5.568	5.623	VV	20	385	0.11%	0.054%
10	5.637	5.623	5.646	PV	24	210	0.06%	0.029%
11	5.673	5.646	5.700	VV	30	486	0.13%	0.068%
12	5.716	5.700	5.727	VV	19	189	0.05%	0.026%
13	5.737	5.727	5.757	VV	21	215	0.06%	0.030%
14	5.767	5.757	5.782	VV	26	222	0.06%	0.031%
15	5.794	5.782	5.803	VV	19	137	0.04%	0.019%
16	5.818	5.803	5.827	VV	21	159	0.04%	0.022%
17	5.832	5.827	5.841	VV	12	69	0.02%	0.010%
18	5.857	5.841	5.867	VV	22	190	0.05%	0.027%
19	5.929	5.867	5.946	VV	21	421	0.12%	0.059%
20	5.956	5.946	5.973	VV	14	162	0.04%	0.023%
21	5.982	5.973	6.007	VV	12	181	0.05%	0.025%
22	6.031	6.007	6.055	VV	18	335	0.09%	0.047%
23	6.076	6.055	6.100	VV	20	343	0.09%	0.048%
24	6.184	6.100	6.202	VV	27	1002	0.28%	0.140%
25	6.211	6.202	6.259	VV	25	693	0.19%	0.097%
26	6.269	6.259	6.282	VV	26	272	0.07%	0.038%
27	6.298	6.282	6.339	VV	51	1271	0.35%	0.178%
28	6.357	6.339	6.386	VV	42	860	0.24%	0.120%
29	6.407	6.386	6.419	VV	30	488	0.13%	0.068%
30	6.440	6.419	6.450	VV	24	306	0.08%	0.043%
31	6.461	6.450	6.498	VV	32	519	0.14%	0.073%
32	6.508	6.498	6.527	VV	28	271	0.07%	0.038%
33	6.548	6.527	6.566	VV	25	373	0.10%	0.052%
34	6.574	6.566	6.583	PV	9	80	0.02%	0.011%
35	6.589	6.583	6.608	VV	34	218	0.06%	0.030%
36	6.637	6.608	6.655	VV	29	571	0.16%	0.080%

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37	6.846	6.839	6.967	VV	169	6744	1.86%	0.944%
38	6.975	6.967	6.981	VV	35	252	0.07%	0.035%
39	6.988	6.981	7.051	VV	45	1191	0.33%	0.167%
40	7.074	7.051	7.108	VV	42	1149	0.32%	0.161%
41	7.117	7.108	7.124	VV	38	265	0.07%	0.037%
42	7.131	7.124	7.174	VV	32	698	0.19%	0.098%
43	7.182	7.174	7.190	VV	31	239	0.07%	0.033%
44	7.203	7.190	7.222	VV	35	528	0.15%	0.074%
45	7.229	7.222	7.256	VV	32	283	0.08%	0.040%
46	7.277	7.256	7.298	VV	36	521	0.14%	0.073%
47	7.312	7.298	7.327	VV	30	390	0.11%	0.055%
48	7.344	7.327	7.359	PV	36	415	0.11%	0.058%
49	7.368	7.359	7.388	VV	35	419	0.12%	0.059%
50	7.410	7.388	7.429	VV	38	706	0.19%	0.099%
51	7.463	7.429	7.475	VV	42	884	0.24%	0.124%
52	7.495	7.475	7.509	VV	32	551	0.15%	0.077%
53	7.519	7.509	7.541	VV	29	364	0.10%	0.051%
54	7.564	7.541	7.573	PV	28	267	0.07%	0.037%
55	7.586	7.573	7.601	VV	27	315	0.09%	0.044%
56	7.611	7.601	7.625	VV	30	299	0.08%	0.042%
57	7.643	7.625	7.663	VV	39	589	0.16%	0.082%
58	7.685	7.663	7.698	VV	38	670	0.18%	0.094%
59	7.768	7.698	7.801	VV	60	2356	0.65%	0.330%
60	7.817	7.801	7.843	VV	39	830	0.23%	0.116%
61	7.898	7.843	7.976	VV	64	3545	0.98%	0.496%
62	7.992	7.976	8.000	VV	34	352	0.10%	0.049%
63	8.013	8.000	8.039	VV	36	671	0.18%	0.094%
64	8.058	8.039	8.114	VV	39	1147	0.32%	0.161%
65	8.144	8.114	8.161	VV	42	692	0.19%	0.097%
66	8.173	8.161	8.223	VV	36	1056	0.29%	0.148%
67	8.251	8.223	8.264	VV	47	794	0.22%	0.111%
68	8.282	8.264	8.311	VV	29	630	0.17%	0.088%
69	8.339	8.311	8.389	VV	39	1380	0.38%	0.193%
70	8.412	8.389	8.426	VV	37	513	0.14%	0.072%
71	8.445	8.426	8.462	VV	28	461	0.13%	0.065%
72	8.485	8.462	8.498	VV	39	519	0.14%	0.073%
73	8.507	8.498	8.517	VV	36	326	0.09%	0.046%
74	8.539	8.517	8.575	VV	35	893	0.25%	0.125%
75	8.584	8.575	8.613	VV	33	442	0.12%	0.062%
76	8.627	8.613	8.643	PV	27	298	0.08%	0.042%
77	8.794	8.643	9.060	VV	6146	363534	100.00%	50.898%
78	9.079	9.060	9.093	VV	68	1131	0.31%	0.158%
79	9.117	9.093	9.130	VV	61	1197	0.33%	0.168%
80	9.137	9.130	9.158	VV	52	757	0.21%	0.106%
81	9.176	9.158	9.192	VV	45	822	0.23%	0.115%
82	9.205	9.192	9.232	VV	43	760	0.21%	0.106%
83	9.249	9.232	9.258	VV	33	305	0.08%	0.043%
84	9.278	9.258	9.291	VV	24	369	0.10%	0.052%
85	9.336	9.291	9.343	VV	54	968	0.27%	0.136%
86	9.354	9.343	9.391	VV	63	1363	0.38%	0.191%
87	9.424	9.391	9.436	VV	60	1380	0.38%	0.193%
88	9.449	9.436	9.466	VV	50	805	0.22%	0.113%
89	9.475	9.466	9.495	VV	50	641	0.18%	0.090%

90	9.503	9.495	9.536	VV	30	617	0.17%	0.086%
91	9.543	9.536	9.582	VV	26	425	0.12%	0.059%
92	9.601	9.582	9.611	VV	34	390	0.11%	0.055%
93	9.620	9.611	9.675	VV	40	979	0.27%	0.137%
94	9.703	9.675	9.711	VV	33	534	0.15%	0.075%
95	9.720	9.711	9.731	VV	40	354	0.10%	0.050%
96	9.740	9.731	9.748	VV	49	347	0.10%	0.049%
97	9.756	9.748	9.773	VV	51	536	0.15%	0.075%
98	9.790	9.773	9.802	VV	54	700	0.19%	0.098%
99	9.814	9.802	9.825	VV	55	647	0.18%	0.091%
100	9.837	9.825	9.851	VV	64	795	0.22%	0.111%
101	9.859	9.851	9.868	VV	60	517	0.14%	0.072%
102	9.900	9.868	9.917	VV	79	1881	0.52%	0.263%
103	9.928	9.917	9.957	VV	91	1673	0.46%	0.234%
104	9.968	9.957	10.026	VV	68	1994	0.55%	0.279%
105	10.035	10.026	10.042	VV	40	287	0.08%	0.040%
106	10.051	10.042	10.065	VV	49	442	0.12%	0.062%
107	10.079	10.065	10.103	VV	41	592	0.16%	0.083%
108	10.127	10.103	10.134	VV	39	457	0.13%	0.064%
109	10.143	10.134	10.185	VV	41	1050	0.29%	0.147%
110	10.190	10.185	10.221	VV	39	704	0.19%	0.099%
111	10.245	10.221	10.254	VV	43	679	0.19%	0.095%
112	10.269	10.254	10.279	VV	47	633	0.17%	0.089%
113	10.310	10.279	10.320	VV	74	1407	0.39%	0.197%
114	10.333	10.320	10.347	VV	72	992	0.27%	0.139%
115	10.412	10.347	10.436	VV	92	3949	1.09%	0.553%
116	10.446	10.436	10.500	VV	64	1749	0.48%	0.245%
117	10.520	10.500	10.553	VV	43	1119	0.31%	0.157%
118	10.618	10.553	10.725	VV	175	9497	2.61%	1.330%
119	10.749	10.725	10.757	VV	64	986	0.27%	0.138%
120	10.792	10.757	10.863	VV	91	4190	1.15%	0.587%
121	10.873	10.863	10.884	VV	43	438	0.12%	0.061%
122	10.902	10.884	10.912	VV	43	578	0.16%	0.081%
123	10.919	10.912	10.946	VV	40	728	0.20%	0.102%
124	10.958	10.946	10.968	VV	41	413	0.11%	0.058%
125	10.992	10.968	11.013	VV	41	844	0.23%	0.118%
126	11.030	11.013	11.044	VV	37	484	0.13%	0.068%
127	11.074	11.044	11.091	VV	39	682	0.19%	0.095%
128	11.140	11.091	11.150	VV	35	859	0.24%	0.120%
129	11.178	11.150	11.196	VV	39	790	0.22%	0.111%
130	11.220	11.196	11.236	VV	30	534	0.15%	0.075%
131	11.244	11.236	11.252	VV	34	248	0.07%	0.035%
132	11.265	11.252	11.273	VV	32	306	0.08%	0.043%
133	11.280	11.273	11.301	VV	27	395	0.11%	0.055%
134	11.328	11.301	11.338	VV	45	638	0.18%	0.089%
135	11.456	11.338	11.503	VV	134	8415	2.31%	1.178%
136	11.515	11.503	11.616	VV	126	5040	1.39%	0.706%
137	11.632	11.616	11.651	VV	51	914	0.25%	0.128%
138	11.662	11.651	11.689	VV	62	1136	0.31%	0.159%
139	11.747	11.689	11.766	VV	82	3128	0.86%	0.438%
140	11.776	11.766	11.796	VV	85	1262	0.35%	0.177%
141	11.804	11.796	11.817	VV	80	845	0.23%	0.118%

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142	11.869	11.817	11.969	VV	104	6576	1.81%	0.921%
143	11.980	11.969	11.990	VV	39	340	0.09%	0.048%
144	12.047	11.990	12.058	VV	56	1594	0.44%	0.223%
145	12.074	12.058	12.082	VV	58	742	0.20%	0.104%
146	12.090	12.082	12.102	VV	61	639	0.18%	0.089%
147	12.113	12.102	12.175	VV	68	1669	0.46%	0.234%
148	12.221	12.175	12.243	VV	40	1233	0.34%	0.173%
149	12.255	12.243	12.272	VV	36	418	0.11%	0.059%
150	12.330	12.272	12.339	VV	34	1039	0.29%	0.145%
151	12.350	12.339	12.378	VV	43	715	0.20%	0.100%
152	12.384	12.378	12.411	VV	30	430	0.12%	0.060%
153	12.421	12.411	12.440	VV	32	406	0.11%	0.057%
154	12.464	12.440	12.482	PV	42	549	0.15%	0.077%
155	12.504	12.482	12.535	VV	30	773	0.21%	0.108%
156	12.559	12.535	12.573	VV	41	658	0.18%	0.092%
157	12.587	12.573	12.603	VV	32	492	0.14%	0.069%
158	12.610	12.603	12.631	VV	31	380	0.10%	0.053%
159	12.656	12.631	12.673	VV	38	640	0.18%	0.090%
160	12.685	12.673	12.692	VV	36	340	0.09%	0.048%
161	12.707	12.692	12.715	VV	55	633	0.17%	0.089%
162	12.747	12.715	12.779	VV	97	2726	0.75%	0.382%
163	12.782	12.779	12.818	VV	78	1442	0.40%	0.202%
164	12.828	12.818	12.850	VV	58	846	0.23%	0.118%
165	12.859	12.850	12.888	VV	46	701	0.19%	0.098%
166	12.932	12.888	12.940	VV	55	1148	0.32%	0.161%
167	12.962	12.940	12.973	VV	72	1079	0.30%	0.151%
168	13.053	12.973	13.121	VV	148	8857	2.44%	1.240%
169	13.195	13.121	13.302	VV	311	16455	4.53%	2.304%
170	13.309	13.302	13.331	VV	47	669	0.18%	0.094%
171	13.343	13.331	13.353	VV	31	339	0.09%	0.048%
172	13.365	13.353	13.399	VV	33	642	0.18%	0.090%
173	13.410	13.399	13.430	VV	31	369	0.10%	0.052%
174	13.466	13.430	13.475	VV	45	705	0.19%	0.099%
175	13.550	13.475	13.577	VV	69	3336	0.92%	0.467%
176	13.585	13.577	13.606	VV	59	806	0.22%	0.113%
177	13.616	13.606	13.639	VV	46	756	0.21%	0.106%
178	13.652	13.639	13.661	VV	42	462	0.13%	0.065%
179	13.669	13.661	13.708	VV	35	665	0.18%	0.093%
180	13.727	13.708	13.735	VV	33	246	0.07%	0.034%
181	13.751	13.735	13.760	VV	31	244	0.07%	0.034%
182	13.772	13.760	13.780	VV	33	253	0.07%	0.035%
183	13.808	13.780	13.830	VV	49	1091	0.30%	0.153%
184	13.920	13.830	14.016	VV	283	16861	4.64%	2.361%
185	14.108	14.016	14.241	VV	249	21872	6.02%	3.062%
186	14.250	14.241	14.258	VV	68	656	0.18%	0.092%
187	14.352	14.258	14.485	VV	415	27048	7.44%	3.787%
188	14.497	14.485	14.523	VV	30	623	0.17%	0.087%
189	14.533	14.523	14.563	VV	42	724	0.20%	0.101%
190	14.575	14.563	14.594	VV	39	423	0.12%	0.059%
191	14.608	14.594	14.621	VV	23	236	0.07%	0.033%
192	14.631	14.621	14.666	PV	22	376	0.10%	0.053%
193	14.679	14.666	14.705	VV	30	514	0.14%	0.072%
194	14.708	14.705	14.717	VV	27	127	0.04%	0.018%

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195	14.729	14.717	14.749	VV	31	314	0.09%	0.044%
196	14.786	14.749	14.802	VV	31	784	0.22%	0.110%
197	14.865	14.802	14.875	VV	58	2014	0.55%	0.282%
198	14.888	14.875	14.905	VV	64	946	0.26%	0.133%
199	14.922	14.905	14.952	VV	72	1777	0.49%	0.249%
200	15.035	14.952	15.147	VV	213	14933	4.11%	2.091%
201	15.167	15.147	15.178	VV	70	1171	0.32%	0.164%
202	15.180	15.178	15.189	VV	67	422	0.12%	0.059%
203	15.214	15.189	15.221	VV	89	1606	0.44%	0.225%
204	15.234	15.221	15.251	VV	104	1638	0.45%	0.229%
205	15.265	15.251	15.309	VV	90	2332	0.64%	0.327%
206	15.423	15.309	15.462	VV	226	12984	3.57%	1.818%
207	15.497	15.462	15.577	VV	158	8486	2.33%	1.188%
208	15.623	15.577	15.691	VV	101	4927	1.36%	0.690%
209	15.700	15.691	15.710	VV	44	368	0.10%	0.052%
210	15.721	15.710	15.735	VV	38	349	0.10%	0.049%
211	15.744	15.735	15.753	VV	17	128	0.04%	0.018%
212	15.778	15.753	15.811	VV	30	561	0.15%	0.079%
213	15.831	15.811	15.841	VV	9	118	0.03%	0.017%
214	15.958	15.841	15.969	PV	102	3439	0.95%	0.481%
215	15.976	15.969	16.035	VV	98	1983	0.55%	0.278%
216	16.041	16.035	16.098	VV	29	666	0.18%	0.093%
217	16.203	16.098	16.320	PV	581	27390	7.53%	3.835%
218	16.340	16.320	16.350	PV	12	100	0.03%	0.014%
			Sum of corrected areas:			714241		

FB011525.M Thu Jan 30 01:23:14 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-4.5-012725	SDG No.:	Q1207
Lab Sample ID:	Q1207-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83 Decanted:
Sample Wt/Vol:	5.1 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031371.D	1	01/29/25 15:54	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	16.0	J	9.00	53.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.9		50 - 150	85%	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\FB012925\
Data File : FB031371.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 15:54
Operator : YP/AJ
Sample : Q1207-09
Misc : 5.10G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-4.5-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	404405	16.954 ng/ml
Target Compounds			

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

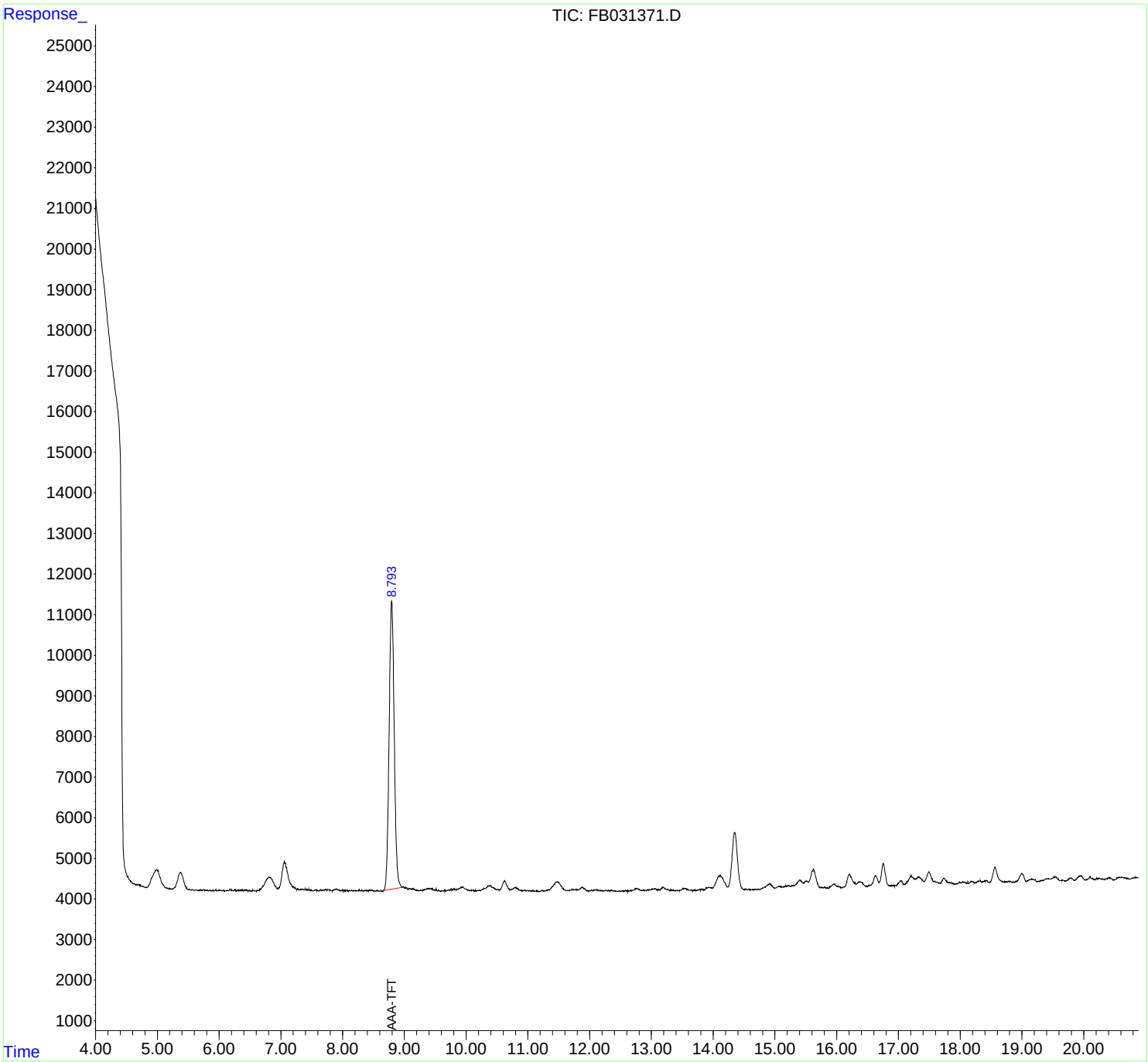
Quantitation Report (QT Reviewed)

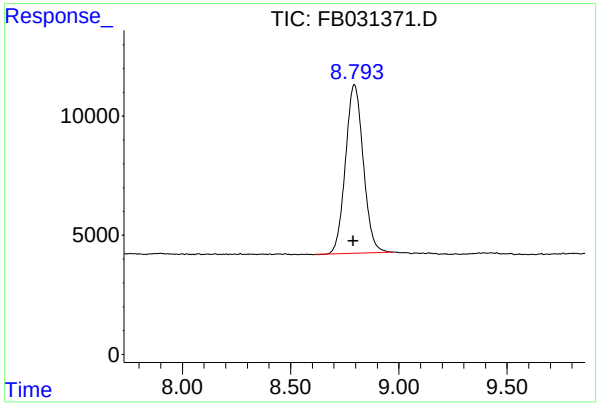
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031371.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 15:54
Operator : YP/AJ
Sample : Q1207-09
Misc : 5.10G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-4.5-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 8.794 min
Delta R.T.: 0.005 mi
Response: 404405
Conc: 16.95 ng/m

Instrument :
FID_B
ClientSampleId :
JPP-4.5-012725

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031371.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 15:54
Sample : Q1207-09
Misc : 5.10G/5.00 ML DI WATER
ALS Vial : 16 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.629	4.587	4.674	BV	0	-360	-0.09%	-0.041%
2	4.682	4.674	4.699	PV	16	111	0.03%	0.013%
3	4.709	4.699	4.747	PV	24	323	0.08%	0.037%
4	4.756	4.747	4.814	VV	15	231	0.06%	0.026%
5	4.834	4.814	4.844	PV	19	239	0.06%	0.027%
6	5.150	5.144	5.239	VV	28	775	0.18%	0.088%
7	5.516	5.509	5.549	VV	17	315	0.07%	0.036%
8	5.569	5.549	5.602	VV	24	412	0.10%	0.047%
9	5.630	5.602	5.652	VV	22	299	0.07%	0.034%
10	5.703	5.652	5.712	PV	26	538	0.13%	0.061%
11	5.719	5.712	5.733	VV	17	184	0.04%	0.021%
12	5.758	5.733	5.776	VV	33	502	0.12%	0.057%
13	5.783	5.776	5.798	VV	23	242	0.06%	0.027%
14	5.808	5.798	5.831	VV	28	266	0.06%	0.030%
15	5.856	5.831	5.890	PV	22	412	0.10%	0.047%
16	5.902	5.890	5.915	VV	28	274	0.07%	0.031%
17	5.946	5.915	5.972	PV	33	588	0.14%	0.067%
18	6.007	5.972	6.036	VV	26	692	0.16%	0.079%
19	6.046	6.036	6.059	VV	22	192	0.05%	0.022%
20	6.074	6.059	6.091	VV	29	326	0.08%	0.037%
21	6.179	6.091	6.196	VV	59	1281	0.31%	0.145%
22	6.210	6.196	6.237	VV	30	426	0.10%	0.048%
23	6.263	6.237	6.289	VV	51	707	0.17%	0.080%
24	6.305	6.289	6.315	VV	31	327	0.08%	0.037%
25	6.343	6.315	6.351	VV	35	536	0.13%	0.061%
26	6.363	6.351	6.392	VV	45	732	0.17%	0.083%
27	6.429	6.392	6.440	VV	46	722	0.17%	0.082%
28	6.450	6.440	6.474	VV	36	448	0.11%	0.051%
29	6.496	6.474	6.510	VV	32	364	0.09%	0.041%
30	6.546	6.510	6.589	PV	31	617	0.15%	0.070%
31	6.626	6.589	6.635	VV	36	477	0.11%	0.054%
32	6.644	6.635	6.653	VV	30	242	0.06%	0.027%
33	7.057	6.954	7.199	VV	743	52152	12.43%	5.918%
34	7.207	7.199	7.262	VV	123	2994	0.71%	0.340%
35	7.270	7.262	7.315	VV	65	1560	0.37%	0.177%
36	7.353	7.315	7.365	VV	58	1499	0.36%	0.170%

rteres

37	7.374	7.365	7.385	VV	46	503	0.12%	0.057%
38	7.397	7.385	7.408	VV	64	680	0.16%	0.077%
39	7.422	7.408	7.444	VV	56	819	0.20%	0.093%
40	7.455	7.444	7.469	VV	56	563	0.13%	0.064%
41	7.480	7.469	7.518	VV	36	675	0.16%	0.077%
42	7.569	7.518	7.605	VV	47	1403	0.33%	0.159%
43	7.612	7.605	7.619	VV	18	129	0.03%	0.015%
44	7.646	7.619	7.661	VV	42	693	0.17%	0.079%
45	7.688	7.661	7.695	VV	37	549	0.13%	0.062%
46	7.705	7.695	7.713	VV	43	401	0.10%	0.046%
47	7.724	7.713	7.743	VV	57	779	0.19%	0.088%
48	7.761	7.743	7.773	VV	54	765	0.18%	0.087%
49	7.784	7.773	7.794	VV	48	529	0.13%	0.060%
50	7.802	7.794	7.835	VV	39	602	0.14%	0.068%
51	7.898	7.835	7.969	VV	63	3130	0.75%	0.355%
52	7.974	7.969	7.983	VV	30	187	0.04%	0.021%
53	7.999	7.983	8.010	VV	44	409	0.10%	0.046%
54	8.020	8.010	8.058	VV	40	539	0.13%	0.061%
55	8.072	8.058	8.089	VV	40	475	0.11%	0.054%
56	8.116	8.089	8.132	VV	29	469	0.11%	0.053%
57	8.151	8.132	8.165	VV	38	452	0.11%	0.051%
58	8.205	8.165	8.214	VV	29	525	0.13%	0.060%
59	8.223	8.214	8.230	VV	24	176	0.04%	0.020%
60	8.240	8.230	8.256	VV	26	326	0.08%	0.037%
61	8.267	8.256	8.297	VV	51	616	0.15%	0.070%
62	8.317	8.297	8.326	VV	33	418	0.10%	0.047%
63	8.332	8.326	8.345	VV	22	199	0.05%	0.023%
64	8.364	8.345	8.395	VV	26	625	0.15%	0.071%
65	8.403	8.395	8.416	VV	31	281	0.07%	0.032%
66	8.451	8.416	8.463	VV	40	736	0.18%	0.084%
67	8.475	8.463	8.501	VV	43	576	0.14%	0.065%
68	8.514	8.501	8.534	VV	19	232	0.06%	0.026%
69	8.556	8.534	8.565	VV	20	254	0.06%	0.029%
70	8.575	8.565	8.604	VV	23	319	0.08%	0.036%
71	8.794	8.604	9.008	VV	7145	419552	100.00%	47.607%
72	9.018	9.008	9.058	VV	101	2410	0.57%	0.273%
73	9.074	9.058	9.105	VV	77	1819	0.43%	0.206%
74	9.110	9.105	9.123	VV	75	709	0.17%	0.080%
75	9.139	9.123	9.187	VV	82	2047	0.49%	0.232%
76	9.204	9.187	9.235	VV	42	871	0.21%	0.099%
77	9.244	9.235	9.249	VV	27	183	0.04%	0.021%
78	9.262	9.249	9.286	VV	45	620	0.15%	0.070%
79	9.302	9.286	9.313	VV	38	465	0.11%	0.053%
80	9.372	9.313	9.380	VV	80	2115	0.50%	0.240%
81	9.393	9.380	9.407	VV	79	1169	0.28%	0.133%
82	9.427	9.407	9.446	VV	83	1650	0.39%	0.187%
83	9.453	9.446	9.496	VV	89	1502	0.36%	0.170%
84	9.515	9.496	9.538	VV	56	863	0.21%	0.098%
85	9.557	9.538	9.572	VV	38	379	0.09%	0.043%
86	9.588	9.572	9.597	VV	20	213	0.05%	0.024%
87	9.618	9.597	9.632	VV	22	318	0.08%	0.036%
88	9.660	9.632	9.670	VV	52	574	0.14%	0.065%
89	9.685	9.670	9.694	VV	29	321	0.08%	0.036%

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90	9.759	9.694	9.784	VV	75	2214	0.53%	0.251%
91	9.803	9.784	9.842	VV	66	1820	0.43%	0.207%
92	9.920	9.842	9.931	VV	108	3950	0.94%	0.448%
93	9.951	9.931	9.998	VV	108	3450	0.82%	0.391%
94	10.006	9.998	10.028	VV	60	869	0.21%	0.099%
95	10.042	10.028	10.065	VV	37	656	0.16%	0.074%
96	10.082	10.065	10.103	VV	40	594	0.14%	0.067%
97	10.116	10.103	10.140	VV	41	620	0.15%	0.070%
98	10.149	10.140	10.162	VV	29	208	0.05%	0.024%
99	10.220	10.162	10.236	VV	34	1041	0.25%	0.118%
100	10.288	10.236	10.307	VV	90	2452	0.58%	0.278%
101	10.373	10.307	10.383	VV	150	5184	1.24%	0.588%
102	10.399	10.383	10.432	VV	156	3758	0.90%	0.426%
103	10.440	10.432	10.491	VV	102	2739	0.65%	0.311%
104	10.515	10.491	10.546	VV	59	1537	0.37%	0.174%
105	10.621	10.546	10.708	VV	268	14228	3.39%	1.614%
106	10.712	10.708	10.726	VV	53	527	0.13%	0.060%
107	10.736	10.726	10.744	VV	60	564	0.13%	0.064%
108	10.797	10.744	10.828	VV	109	4072	0.97%	0.462%
109	10.836	10.828	10.888	VV	81	1752	0.42%	0.199%
110	10.900	10.888	10.909	VV	49	372	0.09%	0.042%
111	10.923	10.909	10.940	VV	34	455	0.11%	0.052%
112	10.955	10.940	10.973	VV	43	548	0.13%	0.062%
113	10.994	10.973	11.014	VV	32	573	0.14%	0.065%
114	11.036	11.014	11.046	VV	29	396	0.09%	0.045%
115	11.055	11.046	11.067	VV	27	216	0.05%	0.025%
116	11.074	11.067	11.115	VV	30	507	0.12%	0.057%
117	11.137	11.115	11.145	VV	32	265	0.06%	0.030%
118	11.154	11.145	11.175	VV	24	164	0.04%	0.019%
119	11.241	11.175	11.266	PV	31	903	0.22%	0.103%
120	11.276	11.266	11.290	VV	22	252	0.06%	0.029%
121	11.343	11.290	11.353	VV	50	1367	0.33%	0.155%
122	11.462	11.353	11.615	VV	240	22236	5.30%	2.523%
123	11.625	11.615	11.657	VV	32	692	0.16%	0.078%
124	11.671	11.657	11.678	VV	34	354	0.08%	0.040%
125	11.715	11.678	11.746	VV	58	1669	0.40%	0.189%
126	11.760	11.746	11.774	VV	51	767	0.18%	0.087%
127	11.783	11.774	11.821	VV	61	1350	0.32%	0.153%
128	11.873	11.821	11.882	VV	99	2806	0.67%	0.318%
129	11.889	11.882	11.925	VV	109	2148	0.51%	0.244%
130	11.931	11.925	11.950	VV	64	689	0.16%	0.078%
131	11.957	11.950	11.980	VV	30	361	0.09%	0.041%
132	12.003	11.980	12.015	VV	25	364	0.09%	0.041%
133	12.030	12.015	12.049	VV	36	545	0.13%	0.062%
134	12.061	12.049	12.069	VV	44	395	0.09%	0.045%
135	12.113	12.069	12.122	VV	50	1259	0.30%	0.143%
136	12.129	12.122	12.140	VV	44	378	0.09%	0.043%
137	12.150	12.140	12.159	VV	31	290	0.07%	0.033%
138	12.172	12.159	12.189	VV	32	447	0.11%	0.051%
139	12.199	12.189	12.208	VV	22	210	0.05%	0.024%
140	12.217	12.208	12.227	VV	28	215	0.05%	0.024%
141	12.259	12.227	12.269	VV	40	657	0.16%	0.075%

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142	12.278	12.269	12.292	VV	26	285	0.07%	0.032%
143	12.316	12.292	12.328	VV	37	516	0.12%	0.059%
144	12.350	12.328	12.361	VV	33	453	0.11%	0.051%
145	12.371	12.361	12.384	VV	32	305	0.07%	0.035%
146	12.407	12.384	12.437	VV	18	407	0.10%	0.046%
147	12.486	12.437	12.507	PV	21	376	0.09%	0.043%
148	12.528	12.507	12.536	VV	19	190	0.05%	0.022%
149	12.556	12.536	12.566	VV	21	211	0.05%	0.024%
150	12.586	12.566	12.641	VV	28	678	0.16%	0.077%
151	12.672	12.641	12.681	VV	27	297	0.07%	0.034%
152	12.737	12.681	12.745	VV	72	1354	0.32%	0.154%
153	12.772	12.745	12.849	VV	76	2725	0.65%	0.309%
154	12.871	12.849	12.892	VV	30	446	0.11%	0.051%
155	12.905	12.892	12.921	VV	20	258	0.06%	0.029%
156	12.937	12.921	12.960	VV	32	560	0.13%	0.064%
157	12.971	12.960	12.985	VV	38	438	0.10%	0.050%
158	13.012	12.985	13.021	VV	58	887	0.21%	0.101%
159	13.058	13.021	13.083	VV	60	1770	0.42%	0.201%
160	13.089	13.083	13.102	VV	37	350	0.08%	0.040%
161	13.189	13.102	13.251	VV	97	4438	1.06%	0.504%
162	13.262	13.251	13.351	VB	41	879	0.21%	0.100%
163	13.403	13.355	13.444	BV	6	60	0.01%	0.007%
164	13.466	13.444	13.474	PV	17	188	0.04%	0.021%
165	13.510	13.474	13.539	VV	66	1564	0.37%	0.177%
166	13.549	13.539	13.591	VV	61	1438	0.34%	0.163%
167	13.598	13.591	13.628	VV	34	433	0.10%	0.049%
168	13.644	13.628	13.657	VV	26	269	0.06%	0.031%
169	13.668	13.657	13.675	PV	14	90	0.02%	0.010%
170	13.681	13.675	13.689	VV	20	114	0.03%	0.013%
171	13.698	13.689	13.719	VV	27	230	0.05%	0.026%
172	13.748	13.719	13.758	PV	25	291	0.07%	0.033%
173	13.806	13.758	13.819	VV	46	1040	0.25%	0.118%
174	13.828	13.819	13.852	VV	40	487	0.12%	0.055%
175	13.862	13.852	13.869	VV	32	256	0.06%	0.029%
176	13.896	13.869	13.906	VV	75	1246	0.30%	0.141%
177	13.938	13.906	13.987	VV	80	3456	0.82%	0.392%
178	14.104	13.987	14.242	VV	379	34000	8.10%	3.858%
179	14.351	14.242	14.486	VV	1421	88551	21.11%	10.048%
180	14.493	14.486	14.507	VV	17	177	0.04%	0.020%
181	14.536	14.507	14.552	PV	37	484	0.12%	0.055%
182	14.576	14.552	14.594	VV	22	346	0.08%	0.039%
183	14.611	14.594	14.621	VV	12	136	0.03%	0.015%
184	14.646	14.621	14.674	VV	20	308	0.07%	0.035%
185	14.680	14.674	14.685	VV	16	101	0.02%	0.011%
186	14.697	14.685	14.713	VV	19	214	0.05%	0.024%
187	14.738	14.713	14.758	VV	19	256	0.06%	0.029%
188	14.922	14.758	14.994	PV	145	11000	2.62%	1.248%
189	15.006	14.994	15.013	VV	40	422	0.10%	0.048%
190	15.081	15.013	15.106	VV	86	3594	0.86%	0.408%
191	15.119	15.106	15.132	VV	69	935	0.22%	0.106%
192	15.179	15.132	15.192	VV	91	2521	0.60%	0.286%
193	15.228	15.192	15.262	VV	99	3433	0.82%	0.390%
194	15.279	15.262	15.285	VV	95	1148	0.27%	0.130%

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195	15.294	15.285	15.306	VV	103	1122	0.27%	0.127%
196	15.403	15.306	15.466	VV	227	15285	3.64%	1.734%
197	15.517	15.466	15.544	VV	202	8284	1.97%	0.940%
198	15.625	15.544	15.746	VV	488	29975	7.14%	3.401%
199	15.762	15.746	15.777	VV	36	573	0.14%	0.065%
200	15.784	15.777	15.793	VV	29	216	0.05%	0.024%
201	15.807	15.793	15.826	VV	42	540	0.13%	0.061%
202	15.839	15.826	15.849	VV	19	159	0.04%	0.018%
203	15.856	15.849	15.865	PV	17	85	0.02%	0.010%
204	15.885	15.865	15.893	PV	52	347	0.08%	0.039%
205	15.952	15.893	16.016	VV	104	5291	1.26%	0.600%
206	16.030	16.016	16.071	VV	43	961	0.23%	0.109%
207	16.105	16.071	16.114	PV	13	189	0.04%	0.021%
208	16.212	16.114	16.292	VV	286	14651	3.49%	1.662%
209	16.299	16.292	16.313	VV	53	384	0.09%	0.044%
210	16.381	16.313	16.403	PBA	27	1067	0.25%	0.121%

Sum of corrected areas: 881284

FB011525.M Thu Jan 30 01:25:00 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-16.2-012725	SDG No.:	Q1207
Lab Sample ID:	Q1207-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.7 Decanted:
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031366.D	1	01/29/25 13:40	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	19.0	J	9.00	50.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	15.2		50 - 150	76%	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\FB012925\
Data File : FB031366.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 13:40
Operator : YP/AJ
Sample : Q1207-13
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-16.2-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	362006	15.177 ng/ml
Target Compounds				

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

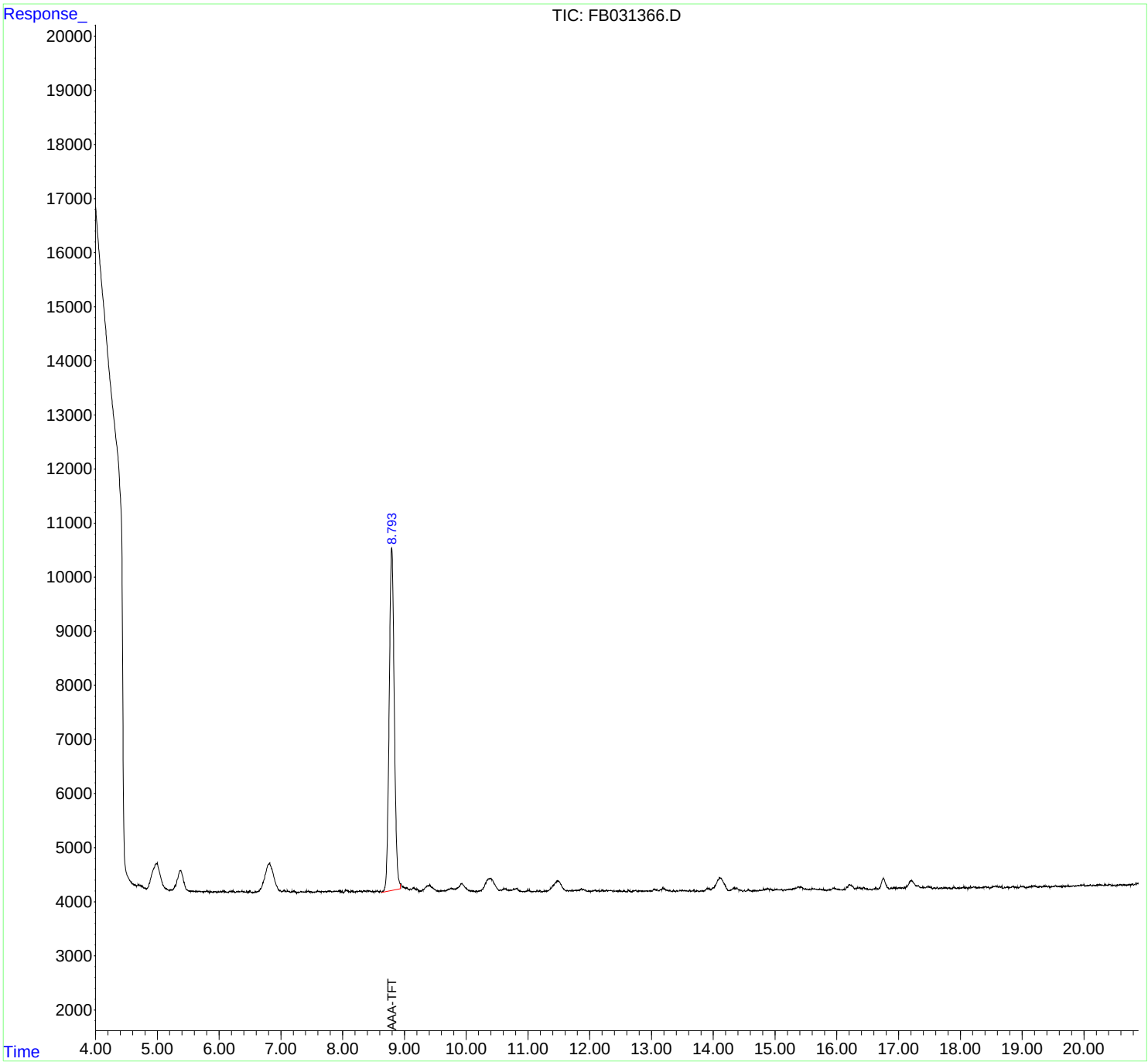
Quantitation Report (QT Reviewed)

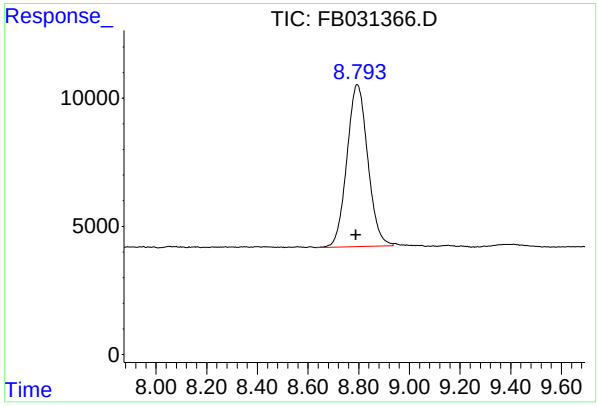
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031366.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 13:40
Operator : YP/AJ
Sample : Q1207-13
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-16.2-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 0.005 mi
Response: 362006
Conc: 15.18 ng/m

Instrument :
FID_B
ClientSampleId :
JPP-16.2-012725

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031366.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 13:40
Sample : Q1207-13
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 11 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.608	4.571	4.622	BV	13	158	0.04%	0.016%
2	4.634	4.622	4.663	PV	19	213	0.06%	0.022%
3	4.699	4.663	4.711	PV	43	607	0.16%	0.062%
4	4.723	4.711	4.742	VV	35	488	0.13%	0.050%
5	4.751	4.742	4.829	VV	29	543	0.14%	0.056%
6	5.208	5.197	5.216	PV	22	151	0.04%	0.016%
7	5.223	5.216	5.236	VV	21	189	0.05%	0.019%
8	5.530	5.519	5.598	VV	18	605	0.16%	0.062%
9	5.614	5.598	5.623	VV	17	170	0.04%	0.017%
10	5.633	5.623	5.649	VV	25	205	0.05%	0.021%
11	5.661	5.649	5.669	VV	21	153	0.04%	0.016%
12	5.692	5.669	5.713	VV	27	442	0.12%	0.045%
13	5.723	5.713	5.738	VV	21	248	0.07%	0.025%
14	5.760	5.738	5.784	VV	27	526	0.14%	0.054%
15	5.801	5.784	5.844	VV	44	905	0.24%	0.093%
16	5.853	5.844	5.866	PV	26	236	0.06%	0.024%
17	5.876	5.866	5.888	VV	27	251	0.07%	0.026%
18	5.896	5.888	5.900	VV	19	111	0.03%	0.011%
19	5.926	5.900	5.938	VV	28	496	0.13%	0.051%
20	5.949	5.938	5.968	VV	31	346	0.09%	0.036%
21	5.995	5.968	6.004	VV	26	398	0.10%	0.041%
22	6.025	6.004	6.037	VV	35	461	0.12%	0.047%
23	6.047	6.037	6.054	VV	29	223	0.06%	0.023%
24	6.063	6.054	6.082	VV	42	518	0.14%	0.053%
25	6.098	6.082	6.116	VV	35	504	0.13%	0.052%
26	6.128	6.116	6.146	VV	21	292	0.08%	0.030%
27	6.171	6.146	6.178	VV	33	448	0.12%	0.046%
28	6.187	6.178	6.211	VV	37	584	0.15%	0.060%
29	6.221	6.211	6.262	VV	42	786	0.21%	0.081%
30	6.287	6.262	6.307	VV	36	604	0.16%	0.062%
31	6.315	6.307	6.335	VV	37	448	0.12%	0.046%
32	6.370	6.335	6.434	VV	35	1542	0.41%	0.158%
33	6.445	6.434	6.457	VV	42	322	0.08%	0.033%
34	6.472	6.457	6.481	PV	32	268	0.07%	0.028%
35	6.498	6.481	6.545	VV	46	825	0.22%	0.085%
36	6.586	6.545	6.599	VV	38	498	0.13%	0.051%

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37	6.613	6.599	6.627	VV	30	403	0.11%	0.041%
38	6.992	6.980	7.011	VV	55	790	0.21%	0.081%
39	7.055	7.011	7.084	VV	66	1700	0.45%	0.175%
40	7.105	7.084	7.135	VV	49	1000	0.26%	0.103%
41	7.142	7.135	7.152	VV	31	250	0.07%	0.026%
42	7.159	7.152	7.166	VV	23	161	0.04%	0.017%
43	7.179	7.166	7.200	VV	37	538	0.14%	0.055%
44	7.210	7.200	7.230	VV	43	578	0.15%	0.059%
45	7.237	7.230	7.262	VV	33	329	0.09%	0.034%
46	7.279	7.262	7.288	VV	19	228	0.06%	0.023%
47	7.321	7.288	7.334	VV	34	634	0.17%	0.065%
48	7.345	7.334	7.357	VV	31	335	0.09%	0.034%
49	7.370	7.357	7.407	VV	28	627	0.17%	0.064%
50	7.419	7.407	7.426	VV	38	330	0.09%	0.034%
51	7.440	7.426	7.461	VV	37	684	0.18%	0.070%
52	7.471	7.461	7.503	VV	37	693	0.18%	0.071%
53	7.516	7.503	7.522	VV	24	199	0.05%	0.020%
54	7.528	7.522	7.549	VV	22	290	0.08%	0.030%
55	7.598	7.549	7.606	VV	44	941	0.25%	0.097%
56	7.616	7.606	7.639	VV	41	609	0.16%	0.063%
57	7.664	7.639	7.700	VV	40	1017	0.27%	0.104%
58	7.715	7.700	7.725	VV	35	437	0.12%	0.045%
59	7.732	7.725	7.740	VV	29	222	0.06%	0.023%
60	7.765	7.740	7.774	VV	44	668	0.18%	0.069%
61	7.782	7.774	7.827	VV	45	1114	0.29%	0.114%
62	7.869	7.827	7.877	VV	39	920	0.24%	0.095%
63	7.904	7.877	7.925	VV	42	988	0.26%	0.101%
64	7.938	7.925	7.961	VV	42	825	0.22%	0.085%
65	7.991	7.961	8.010	VV	45	762	0.20%	0.078%
66	8.050	8.010	8.067	PV	66	1213	0.32%	0.125%
67	8.080	8.067	8.122	VV	54	1244	0.33%	0.128%
68	8.132	8.122	8.146	VV	41	417	0.11%	0.043%
69	8.155	8.146	8.190	VV	52	892	0.24%	0.092%
70	8.203	8.190	8.211	VV	31	325	0.09%	0.033%
71	8.236	8.211	8.261	VV	38	1010	0.27%	0.104%
72	8.275	8.261	8.284	VV	55	567	0.15%	0.058%
73	8.293	8.284	8.322	VV	43	810	0.21%	0.083%
74	8.339	8.322	8.381	VV	52	1444	0.38%	0.148%
75	8.403	8.381	8.415	VV	59	964	0.25%	0.099%
76	8.427	8.415	8.519	VV	53	2375	0.63%	0.244%
77	8.558	8.519	8.595	VV	57	1762	0.46%	0.181%
78	8.610	8.595	8.631	VV	58	834	0.22%	0.086%
79	8.795	8.631	9.026	VV	6391	379572	100.00%	38.985%
80	9.035	9.026	9.042	VV	115	1010	0.27%	0.104%
81	9.048	9.042	9.068	VV	111	1509	0.40%	0.155%
82	9.094	9.068	9.112	VV	95	2143	0.56%	0.220%
83	9.154	9.112	9.193	VV	121	4648	1.22%	0.477%
84	9.205	9.193	9.245	VV	97	2242	0.59%	0.230%
85	9.252	9.245	9.260	VV	55	454	0.12%	0.047%
86	9.269	9.260	9.278	VV	63	589	0.16%	0.061%
87	9.411	9.278	9.524	VV	167	16447	4.33%	1.689%
88	9.536	9.524	9.558	VV	71	1209	0.32%	0.124%
89	9.571	9.558	9.581	VV	61	758	0.20%	0.078%

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90	9.592	9.581	9.614	VV	69	1135	0.30%	0.117%
91	9.632	9.614	9.642	VV	67	1056	0.28%	0.108%
92	9.707	9.642	9.713	VV	94	3023	0.80%	0.311%
93	9.755	9.713	9.773	VV	114	3510	0.92%	0.360%
94	9.781	9.773	9.795	VV	103	1344	0.35%	0.138%
95	9.812	9.795	9.823	VV	101	1647	0.43%	0.169%
96	9.832	9.823	9.839	VV	104	906	0.24%	0.093%
97	9.928	9.839	10.084	VV	198	18391	4.85%	1.889%
98	10.093	10.084	10.146	VV	69	2232	0.59%	0.229%
99	10.168	10.146	10.179	VV	68	1170	0.31%	0.120%
100	10.402	10.179	10.548	VV	299	37537	9.89%	3.855%
101	10.560	10.548	10.576	VV	91	1453	0.38%	0.149%
102	10.610	10.576	10.628	VV	122	3153	0.83%	0.324%
103	10.636	10.628	10.705	VV	111	4376	1.15%	0.449%
104	10.767	10.705	10.780	VV	114	4129	1.09%	0.424%
105	10.799	10.780	10.808	VV	115	1814	0.48%	0.186%
106	10.819	10.808	10.861	VV	123	3156	0.83%	0.324%
107	10.869	10.861	10.916	VV	87	2205	0.58%	0.226%
108	10.926	10.916	10.944	VV	65	1060	0.28%	0.109%
109	10.999	10.944	11.015	VV	101	3047	0.80%	0.313%
110	11.024	11.015	11.078	VV	93	2648	0.70%	0.272%
111	11.084	11.078	11.095	VV	64	611	0.16%	0.063%
112	11.105	11.095	11.124	VV	70	1154	0.30%	0.119%
113	11.147	11.124	11.166	VV	94	1826	0.48%	0.188%
114	11.195	11.166	11.212	VV	87	1986	0.52%	0.204%
115	11.228	11.212	11.244	VV	70	1186	0.31%	0.122%
116	11.296	11.244	11.305	VV	90	2690	0.71%	0.276%
117	11.324	11.305	11.332	VV	83	1264	0.33%	0.130%
118	11.401	11.332	11.409	VV	183	5877	1.55%	0.604%
119	11.485	11.409	11.618	VV	270	23892	6.29%	2.454%
120	11.636	11.618	11.651	VV	93	1722	0.45%	0.177%
121	11.674	11.651	11.692	VV	90	2072	0.55%	0.213%
122	11.720	11.692	11.734	VV	96	2161	0.57%	0.222%
123	11.747	11.734	11.757	VV	96	1189	0.31%	0.122%
124	11.777	11.757	11.810	VV	102	2984	0.79%	0.306%
125	11.865	11.810	11.876	VV	123	4178	1.10%	0.429%
126	11.889	11.876	11.924	VV	120	3108	0.82%	0.319%
127	11.931	11.924	11.971	VV	104	2454	0.65%	0.252%
128	11.981	11.971	12.017	VV	91	2206	0.58%	0.227%
129	12.033	12.017	12.040	VV	82	1126	0.30%	0.116%
130	12.050	12.040	12.059	VV	99	1029	0.27%	0.106%
131	12.089	12.059	12.108	VV	104	2766	0.73%	0.284%
132	12.143	12.108	12.165	VV	97	2934	0.77%	0.301%
133	12.200	12.165	12.222	VV	109	3123	0.82%	0.321%
134	12.233	12.222	12.242	VV	88	1026	0.27%	0.105%
135	12.270	12.242	12.290	VV	111	2705	0.71%	0.278%
136	12.305	12.290	12.319	VV	97	1661	0.44%	0.171%
137	12.343	12.319	12.379	VV	101	3325	0.88%	0.341%
138	12.392	12.379	12.411	VV	97	1686	0.44%	0.173%
139	12.433	12.411	12.450	VV	94	2035	0.54%	0.209%
140	12.460	12.450	12.468	VV	91	960	0.25%	0.099%
141	12.478	12.468	12.499	VV	107	1638	0.43%	0.168%

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142	12.508	12.499	12.525	VV	94	1299	0.34%	0.133%
143	12.545	12.525	12.559	VV	95	1779	0.47%	0.183%
144	12.567	12.559	12.614	VV	97	2718	0.72%	0.279%
145	12.624	12.614	12.669	VV	108	2992	0.79%	0.307%
146	12.678	12.669	12.686	VV	84	760	0.20%	0.078%
147	12.741	12.686	12.769	VV	108	4599	1.21%	0.472%
148	12.779	12.769	12.792	VV	96	1256	0.33%	0.129%
149	12.846	12.792	12.862	VV	98	3877	1.02%	0.398%
150	12.878	12.862	12.909	VV	98	2589	0.68%	0.266%
151	12.987	12.909	13.010	VV	103	5723	1.51%	0.588%
152	13.033	13.010	13.041	VV	126	2021	0.53%	0.208%
153	13.059	13.041	13.088	VV	127	3357	0.88%	0.345%
154	13.092	13.088	13.108	VV	121	1315	0.35%	0.135%
155	13.117	13.108	13.123	VV	107	950	0.25%	0.098%
156	13.158	13.123	13.168	VV	129	3170	0.84%	0.326%
157	13.185	13.168	13.202	VV	169	2942	0.78%	0.302%
158	13.211	13.202	13.288	VV	144	6039	1.59%	0.620%
159	13.305	13.288	13.317	VV	113	1779	0.47%	0.183%
160	13.331	13.317	13.340	VV	95	1300	0.34%	0.133%
161	13.355	13.340	13.396	VV	114	3219	0.85%	0.331%
162	13.411	13.396	13.444	VV	113	2880	0.76%	0.296%
163	13.464	13.444	13.471	VV	111	1692	0.45%	0.174%
164	13.478	13.471	13.491	VV	114	1292	0.34%	0.133%
165	13.506	13.491	13.528	VV	117	2387	0.63%	0.245%
166	13.535	13.528	13.580	VV	111	3307	0.87%	0.340%
167	13.590	13.580	13.603	VV	104	1314	0.35%	0.135%
168	13.620	13.603	13.631	VV	125	1856	0.49%	0.191%
169	13.639	13.631	13.652	VV	105	1240	0.33%	0.127%
170	13.692	13.652	13.713	VV	131	3841	1.01%	0.394%
171	13.738	13.713	13.782	VV	112	4160	1.10%	0.427%
172	13.822	13.782	13.848	VV	114	4119	1.09%	0.423%
173	13.902	13.848	13.914	VV	153	5049	1.33%	0.519%
174	13.933	13.914	13.943	VV	156	2504	0.66%	0.257%
175	13.950	13.943	13.966	VV	141	1889	0.50%	0.194%
176	14.102	13.966	14.115	VV	354	20969	5.52%	2.154%
177	14.125	14.115	14.259	VV	348	19327	5.09%	1.985%
178	14.348	14.259	14.373	VV	184	9891	2.61%	1.016%
179	14.383	14.373	14.418	VV	170	3942	1.04%	0.405%
180	14.431	14.418	14.444	VV	139	2080	0.55%	0.214%
181	14.459	14.444	14.482	VV	127	2581	0.68%	0.265%
182	14.504	14.482	14.521	VV	129	2633	0.69%	0.270%
183	14.566	14.521	14.599	VV	141	5708	1.50%	0.586%
184	14.609	14.599	14.641	VV	119	2767	0.73%	0.284%
185	14.647	14.641	14.652	VV	129	827	0.22%	0.085%
186	14.660	14.652	14.670	VV	128	1313	0.35%	0.135%
187	14.678	14.670	14.694	VV	129	1718	0.45%	0.176%
188	14.710	14.694	14.722	VV	127	1982	0.52%	0.204%
189	14.749	14.722	14.765	VV	136	3163	0.83%	0.325%
190	14.821	14.765	14.830	VV	151	5113	1.35%	0.525%
191	14.878	14.830	14.887	VV	167	5012	1.32%	0.515%
192	14.901	14.887	14.926	VV	157	3484	0.92%	0.358%
193	14.932	14.926	14.969	VV	155	3669	0.97%	0.377%
194	14.978	14.969	14.982	VV	134	1049	0.28%	0.108%

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195	14.990	14.982	14.997	VV	142	1199	0.32%	0.123%
196	15.006	14.997	15.014	VV	142	1411	0.37%	0.145%
197	15.030	15.014	15.055	VV	162	3555	0.94%	0.365%
198	15.063	15.055	15.092	VV	141	3046	0.80%	0.313%
199	15.104	15.092	15.135	VV	148	3575	0.94%	0.367%
200	15.144	15.135	15.179	VV	138	3588	0.95%	0.369%
201	15.232	15.179	15.264	VV	154	7373	1.94%	0.757%
202	15.373	15.264	15.395	VV	203	13556	3.57%	1.392%
203	15.415	15.395	15.476	VV	207	8827	2.33%	0.907%
204	15.483	15.476	15.552	VV	164	7105	1.87%	0.730%
205	15.577	15.552	15.596	VV	161	4164	1.10%	0.428%
206	15.604	15.596	15.616	VV	171	1906	0.50%	0.196%
207	15.635	15.616	15.647	VV	167	3065	0.81%	0.315%
208	15.667	15.647	15.690	VV	159	3992	1.05%	0.410%
209	15.699	15.690	15.717	VV	156	2480	0.65%	0.255%
210	15.724	15.717	15.740	VV	159	2102	0.55%	0.216%
211	15.757	15.740	15.768	VV	155	2486	0.66%	0.255%
212	15.782	15.768	15.801	VV	163	2938	0.77%	0.302%
213	15.809	15.801	15.837	VV	152	3099	0.82%	0.318%
214	15.936	15.837	15.949	VV	182	10289	2.71%	1.057%
215	15.957	15.949	15.966	VV	187	1801	0.47%	0.185%
216	15.974	15.966	16.027	VV	174	5988	1.58%	0.615%
217	16.037	16.027	16.053	VV	159	2363	0.62%	0.243%
218	16.074	16.053	16.097	VV	152	3991	1.05%	0.410%
219	16.118	16.097	16.128	VV	169	2827	0.74%	0.290%
220	16.160	16.128	16.169	VV	200	4389	1.16%	0.451%
221	16.204	16.169	16.247	VV	254	10766	2.84%	1.106%
222	16.254	16.247	16.302	VV	225	6346	1.67%	0.652%
223	16.311	16.302	16.316	VV	183	1552	0.41%	0.159%
224	16.359	16.316	16.367	VV	199	5601	1.48%	0.575%
225	16.374	16.367	16.403	VBA	202	3783	1.00%	0.389%

Sum of corrected areas: 973647

FB011525.M Thu Jan 30 01:24:02 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-20.2-012725	SDG No.:	Q1207
Lab Sample ID:	Q1207-17	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.1 Decanted:
Sample Wt/Vol:	5.02 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031360.D	1	01/29/25 10:49	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	51.0	U	9.00	51.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.3		50 - 150	81%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031360.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:49
Operator : YP/AJ
Sample : Q1207-17
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	388199	16.275 ng/ml
Target Compounds				

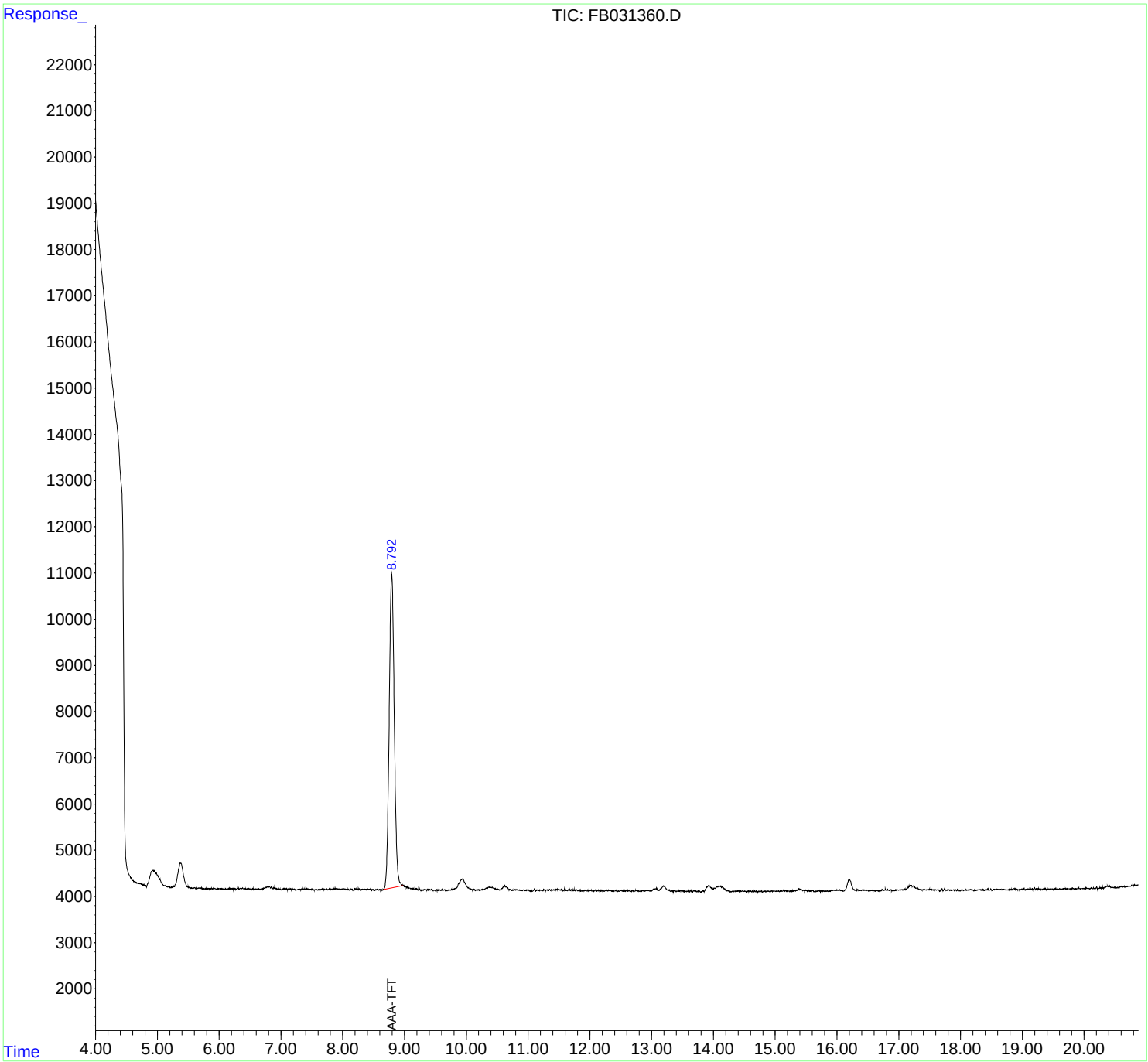
(f)=RT Delta > 1/2 Window (m)=manual int.

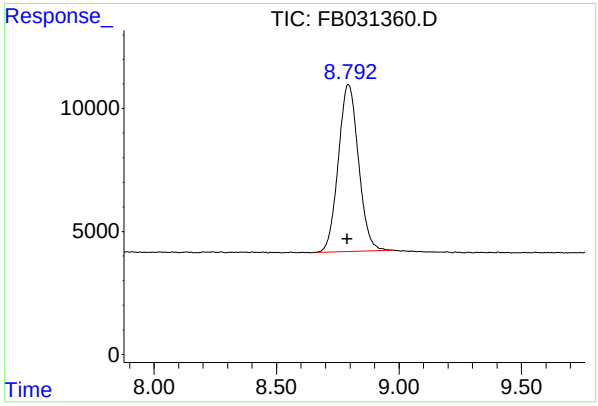
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031360.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:49
Operator : YP/AJ
Sample : Q1207-17
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725

Integration File: Calibration.e
Quant Time: Jan 30 00:54:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 8.793 min
Delta R.T.: 0.003 mi
Response: 388199
Conc: 16.27 ng/m

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031360.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:49
Sample : Q1207-17
Misc : 5.02G/5.00 ML DI WATER
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.648	4.604	4.704	BB	1	-308	-0.08%	-0.050%
2	4.783	4.738	4.826	BV	16	283	0.07%	0.046%
3	5.107	5.100	5.164	VV	47	1168	0.29%	0.188%
4	5.178	5.164	5.225	VV	33	465	0.12%	0.075%
5	5.231	5.225	5.241	VV	21	140	0.03%	0.023%
6	5.259	5.241	5.269	VV	32	386	0.10%	0.062%
7	5.551	5.536	5.562	VV	26	248	0.06%	0.040%
8	5.569	5.562	5.577	VV	17	131	0.03%	0.021%
9	5.590	5.577	5.597	VV	25	234	0.06%	0.038%
10	5.607	5.597	5.631	VV	31	325	0.08%	0.052%
11	5.672	5.631	5.687	PV	32	595	0.15%	0.096%
12	5.716	5.687	5.726	VV	30	480	0.12%	0.077%
13	5.734	5.726	5.769	VV	23	366	0.09%	0.059%
14	5.798	5.769	5.812	VV	28	330	0.08%	0.053%
15	5.823	5.812	5.835	VV	25	227	0.06%	0.037%
16	5.847	5.835	5.865	VV	22	265	0.07%	0.043%
17	5.874	5.865	5.894	VV	25	312	0.08%	0.050%
18	5.908	5.894	5.920	VV	33	318	0.08%	0.051%
19	5.931	5.920	5.953	VV	25	326	0.08%	0.053%
20	5.970	5.953	5.979	PV	18	211	0.05%	0.034%
21	6.018	5.979	6.037	VV	27	661	0.16%	0.107%
22	6.050	6.037	6.061	VV	22	220	0.05%	0.035%
23	6.073	6.061	6.086	VV	23	207	0.05%	0.033%
24	6.166	6.086	6.175	VV	38	836	0.21%	0.135%
25	6.194	6.175	6.203	VV	32	385	0.10%	0.062%
26	6.212	6.203	6.219	VV	29	218	0.05%	0.035%
27	6.226	6.219	6.246	VV	29	306	0.08%	0.049%
28	6.257	6.246	6.285	VV	31	393	0.10%	0.063%
29	6.314	6.285	6.327	VV	35	549	0.14%	0.088%
30	6.346	6.327	6.369	VV	31	639	0.16%	0.103%
31	6.382	6.369	6.438	VV	41	963	0.24%	0.155%
32	6.474	6.438	6.488	VV	39	676	0.17%	0.109%
33	6.497	6.488	6.505	VV	26	165	0.04%	0.027%
34	6.513	6.505	6.527	VV	18	167	0.04%	0.027%
35	6.537	6.527	6.542	VV	21	142	0.04%	0.023%
36	6.550	6.542	6.566	VV	32	237	0.06%	0.038%

rteres

37	6.610	6.566	6.670	VV	24	896	0.22%	0.144%
38	6.702	6.670	6.711	VV	37	508	0.13%	0.082%
39	6.746	6.711	6.759	VV	56	1205	0.30%	0.194%
40	6.790	6.759	6.832	VV	77	2789	0.69%	0.449%
41	6.849	6.832	6.875	VV	67	1283	0.32%	0.207%
42	6.886	6.875	6.905	VV	55	700	0.17%	0.113%
43	6.918	6.905	6.956	VV	34	785	0.19%	0.127%
44	6.965	6.956	6.974	VV	25	208	0.05%	0.034%
45	6.985	6.974	7.006	VV	25	302	0.07%	0.049%
46	7.044	7.006	7.065	VV	37	864	0.21%	0.139%
47	7.074	7.065	7.085	VV	32	316	0.08%	0.051%
48	7.095	7.085	7.112	VV	39	323	0.08%	0.052%
49	7.157	7.112	7.183	VV	33	803	0.20%	0.129%
50	7.216	7.183	7.234	VV	27	572	0.14%	0.092%
51	7.246	7.234	7.254	PV	13	68	0.02%	0.011%
52	7.278	7.254	7.296	VV	20	383	0.10%	0.062%
53	7.308	7.296	7.325	VV	26	286	0.07%	0.046%
54	7.337	7.325	7.370	VV	34	607	0.15%	0.098%
55	7.416	7.370	7.440	VV	40	1044	0.26%	0.168%
56	7.448	7.440	7.470	VV	30	388	0.10%	0.063%
57	7.479	7.470	7.487	VV	21	191	0.05%	0.031%
58	7.497	7.487	7.524	VV	34	493	0.12%	0.079%
59	7.532	7.524	7.542	VV	17	112	0.03%	0.018%
60	7.571	7.542	7.595	VV	26	479	0.12%	0.077%
61	7.608	7.595	7.630	VV	22	315	0.08%	0.051%
62	7.637	7.630	7.653	VV	19	225	0.06%	0.036%
63	7.671	7.653	7.701	VV	40	699	0.17%	0.113%
64	7.710	7.701	7.726	VV	24	280	0.07%	0.045%
65	7.745	7.726	7.758	VV	31	410	0.10%	0.066%
66	7.784	7.758	7.804	VV	35	604	0.15%	0.097%
67	7.812	7.804	7.826	VV	31	280	0.07%	0.045%
68	7.843	7.826	7.851	VV	38	409	0.10%	0.066%
69	7.860	7.851	7.868	VV	33	292	0.07%	0.047%
70	7.888	7.868	7.903	VV	46	747	0.19%	0.120%
71	7.912	7.903	7.933	VV	40	583	0.14%	0.094%
72	7.944	7.933	7.955	VV	35	364	0.09%	0.059%
73	7.997	7.955	8.005	VV	29	688	0.17%	0.111%
74	8.024	8.005	8.064	VV	40	965	0.24%	0.155%
75	8.076	8.064	8.104	VV	38	571	0.14%	0.092%
76	8.133	8.104	8.165	VV	37	907	0.22%	0.146%
77	8.201	8.165	8.231	VV	49	1004	0.25%	0.162%
78	8.237	8.231	8.262	VV	44	588	0.15%	0.095%
79	8.274	8.262	8.295	VV	41	517	0.13%	0.083%
80	8.321	8.295	8.344	VV	33	710	0.18%	0.114%
81	8.358	8.344	8.386	VV	35	683	0.17%	0.110%
82	8.402	8.386	8.417	VV	44	554	0.14%	0.089%
83	8.426	8.417	8.437	VV	29	280	0.07%	0.045%
84	8.445	8.437	8.468	VV	37	487	0.12%	0.078%
85	8.492	8.468	8.524	VV	28	607	0.15%	0.098%
86	8.540	8.524	8.548	VV	26	229	0.06%	0.037%
87	8.559	8.548	8.581	VV	35	479	0.12%	0.077%
88	8.590	8.581	8.596	VV	24	162	0.04%	0.026%
89	8.604	8.596	8.614	VV	29	233	0.06%	0.038%

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90	8.623	8.614	8.645	VV	26	347	0.09%	0.056%
91	8.793	8.645	9.010	VV	6859	403477	100.00%	65.003%
92	9.018	9.010	9.042	VV	97	1570	0.39%	0.253%
93	9.050	9.042	9.110	VV	84	2560	0.63%	0.412%
94	9.125	9.110	9.177	VV	51	1763	0.44%	0.284%
95	9.195	9.177	9.220	VV	55	958	0.24%	0.154%
96	9.232	9.220	9.264	VV	45	714	0.18%	0.115%
97	9.283	9.264	9.307	VV	38	531	0.13%	0.086%
98	9.318	9.307	9.360	VV	35	816	0.20%	0.131%
99	9.374	9.360	9.389	VV	33	446	0.11%	0.072%
100	9.405	9.389	9.430	VV	37	632	0.16%	0.102%
101	9.439	9.430	9.463	VV	32	460	0.11%	0.074%
102	9.483	9.463	9.491	VV	18	254	0.06%	0.041%
103	9.558	9.491	9.581	VV	40	1242	0.31%	0.200%
104	9.612	9.581	9.639	VV	33	715	0.18%	0.115%
105	9.650	9.639	9.692	VV	28	589	0.15%	0.095%
106	9.945	9.692	10.112	VV	271	24686	6.12%	3.977%
107	10.132	10.112	10.151	VV	40	644	0.16%	0.104%
108	10.194	10.151	10.215	VV	40	1003	0.25%	0.162%
109	10.227	10.215	10.240	VV	28	385	0.10%	0.062%
110	10.258	10.240	10.282	VV	40	812	0.20%	0.131%
111	10.365	10.282	10.485	VV	89	8160	2.02%	1.315%
112	10.506	10.485	10.546	VV	52	1473	0.37%	0.237%
113	10.622	10.546	10.697	VV	135	6899	1.71%	1.111%
114	10.718	10.697	10.759	VV	37	1150	0.29%	0.185%
115	10.787	10.759	10.811	VV	37	904	0.22%	0.146%
116	10.822	10.811	10.847	VV	33	666	0.17%	0.107%
117	10.857	10.847	10.908	VV	31	897	0.22%	0.144%
118	10.934	10.908	10.958	VV	40	773	0.19%	0.125%
119	10.987	10.958	11.036	VV	35	1043	0.26%	0.168%
120	11.050	11.036	11.078	VV	28	266	0.07%	0.043%
121	11.102	11.078	11.125	VV	57	735	0.18%	0.118%
122	11.161	11.125	11.189	VV	32	924	0.23%	0.149%
123	11.201	11.189	11.228	VV	30	572	0.14%	0.092%
124	11.255	11.228	11.323	VV	42	1733	0.43%	0.279%
125	11.351	11.323	11.368	VV	48	875	0.22%	0.141%
126	11.381	11.368	11.401	VV	47	647	0.16%	0.104%
127	11.455	11.401	11.522	VV	54	2989	0.74%	0.481%
128	11.544	11.522	11.616	VV	56	1995	0.49%	0.321%
129	11.630	11.616	11.666	VV	34	967	0.24%	0.156%
130	11.705	11.666	11.769	VV	48	2097	0.52%	0.338%
131	11.783	11.769	11.808	VV	48	751	0.19%	0.121%
132	11.835	11.808	11.874	VV	47	903	0.22%	0.145%
133	11.938	11.874	11.986	VV	33	1660	0.41%	0.267%
134	12.017	11.986	12.061	VV	32	923	0.23%	0.149%
135	12.092	12.061	12.112	VV	44	775	0.19%	0.125%
136	12.155	12.112	12.184	VV	32	1087	0.27%	0.175%
137	12.210	12.184	12.231	VV	39	627	0.16%	0.101%
138	12.318	12.231	12.359	VV	41	1971	0.49%	0.317%
139	12.372	12.359	12.390	VV	29	346	0.09%	0.056%
140	12.418	12.390	12.450	VV	38	752	0.19%	0.121%
141	12.511	12.450	12.575	VV	34	1529	0.38%	0.246%

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142	12.589	12.575	12.608	VV	36	466	0.12%	0.075%
143	12.624	12.608	12.667	VV	29	759	0.19%	0.122%
144	12.693	12.667	12.717	VV	32	643	0.16%	0.104%
145	12.760	12.717	12.843	VV	36	1643	0.41%	0.265%
146	12.858	12.843	12.882	VV	30	544	0.13%	0.088%
147	12.931	12.882	12.987	VV	42	1738	0.43%	0.280%
148	13.077	12.987	13.119	VV	72	4018	1.00%	0.647%
149	13.193	13.119	13.309	VV	138	8278	2.05%	1.334%
150	13.327	13.309	13.424	VV	33	1604	0.40%	0.258%
151	13.446	13.424	13.492	VV	32	1051	0.26%	0.169%
152	13.509	13.492	13.527	VV	35	501	0.12%	0.081%
153	13.538	13.527	13.572	VV	27	537	0.13%	0.086%
154	13.601	13.572	13.616	VV	29	552	0.14%	0.089%
155	13.631	13.616	13.663	VV	43	742	0.18%	0.120%
156	13.683	13.663	13.705	PV	34	583	0.14%	0.094%
157	13.716	13.705	13.736	VV	25	366	0.09%	0.059%
158	13.766	13.736	13.794	VV	33	714	0.18%	0.115%
159	13.836	13.794	13.850	VV	27	676	0.17%	0.109%
160	13.927	13.850	13.996	VV	144	8458	2.10%	1.363%
161	14.115	13.996	14.282	VV	135	14026	3.48%	2.260%
162	14.327	14.282	14.376	VV	27	1134	0.28%	0.183%
163	14.403	14.376	14.457	VV	29	1091	0.27%	0.176%
164	14.471	14.457	14.494	VV	33	553	0.14%	0.089%
165	14.512	14.494	14.535	VV	27	479	0.12%	0.077%
166	14.571	14.535	14.621	VV	27	1061	0.26%	0.171%
167	14.643	14.621	14.713	VV	22	1120	0.28%	0.180%
168	14.782	14.713	14.795	VV	32	837	0.21%	0.135%
169	14.821	14.795	14.861	PV	29	721	0.18%	0.116%
170	14.872	14.861	14.927	VV	26	854	0.21%	0.138%
171	14.965	14.927	15.030	VV	29	1301	0.32%	0.210%
172	15.056	15.030	15.070	VV	27	476	0.12%	0.077%
173	15.089	15.070	15.115	VV	25	633	0.16%	0.102%
174	15.163	15.115	15.239	VV	35	1814	0.45%	0.292%
175	15.284	15.239	15.302	VV	33	876	0.22%	0.141%
176	15.318	15.302	15.329	VV	35	458	0.11%	0.074%
177	15.387	15.329	15.520	VV	64	4824	1.20%	0.777%
178	15.537	15.520	15.565	VV	35	620	0.15%	0.100%
179	15.605	15.565	15.637	VV	31	869	0.22%	0.140%
180	15.650	15.637	15.676	VV	15	312	0.08%	0.050%
181	15.708	15.676	15.732	VV	30	603	0.15%	0.097%
182	15.746	15.732	15.776	PV	18	439	0.11%	0.071%
183	15.785	15.776	15.799	VV	22	202	0.05%	0.032%
184	15.811	15.799	15.826	VV	17	245	0.06%	0.040%
185	15.840	15.826	15.863	VV	14	251	0.06%	0.040%
186	15.915	15.863	15.928	VV	27	556	0.14%	0.090%
187	15.951	15.928	15.982	VV	28	720	0.18%	0.116%
188	16.010	15.982	16.031	VV	29	712	0.18%	0.115%
189	16.046	16.031	16.106	VV	35	771	0.19%	0.124%
190	16.203	16.106	16.317	PV	254	12464	3.09%	2.008%
191	16.340	16.317	16.361	VV	24	378	0.09%	0.061%
192	16.374	16.361	16.403	PBA	13	-1	-0.00%	-0.000%
			Sum of corrected areas:			620705		

rteres

FB011525.M Thu Jan 30 01:21:52 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: RUTW01

ProjectID: NYCDDC SANTWOBR Brooklyn Bridge BBMCR

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG No.: Q1207

Calibration Sequence : FB011525		Test : Gasoline Range Organics	
Concentration (PPB)	**Area Count**	**Reference Factor**	**File ID**
45	1619248	35983	FB031307.D
90	2849383	31660	FB031308.D
180	5927461	32930	FB031309.D
450	17402832	38673	FB031310.D
900	36014388	40016	FB031311.D
AVG RF : 35852	**% RSD : 10.001**		**AVG RT : 8.7886**

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031307.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:20
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: Jan 15 11:20:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
5) s	AAA-TFT	8.786	115906	4.680 ng/ml
	Target Compounds			
1) t	2-Methylpentane	4.718	233598	7.655 ng/ml
2) t	2,2,4-Trimethylpentane	7.413	275493	7.888 ng/ml
3) t	n-Heptane	7.745	76823	2.289 ng/ml
4) t	Benzene	7.885	96940	2.457 ng/ml
6) t	Toluene	10.613	281739	7.767 ng/ml
7) t	Ethylbenzene	13.049	90664	2.859 ng/ml
8) t	m-Xylene	13.183	196650	5.784 ng/ml
9) t	O-Xylene	13.911	197897	6.226 ng/ml
10) t	1,2,4-Trimethylbenzene	16.188	169444	6.606 ng/ml

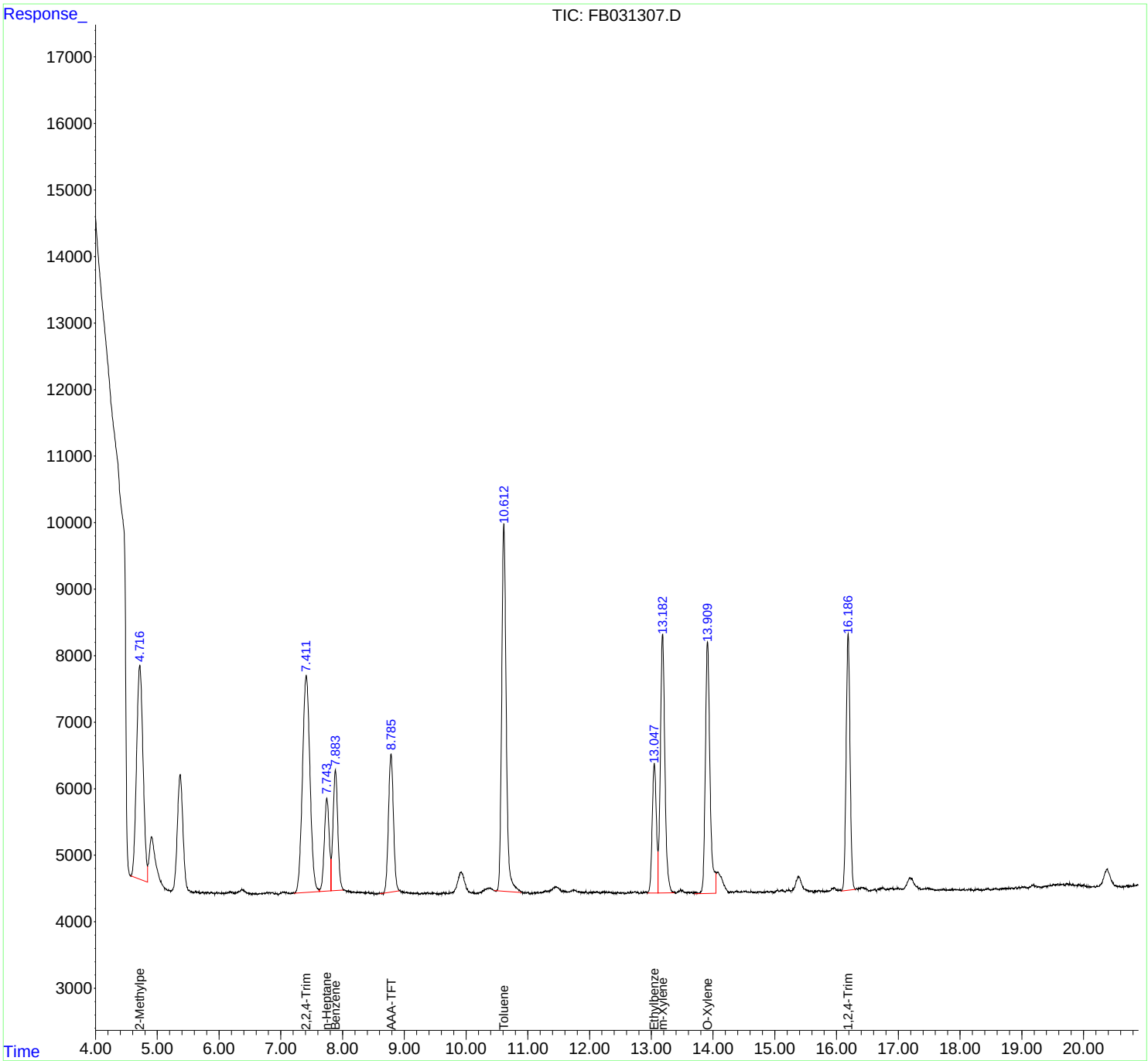
(f)=RT Delta > 1/2 Window (m)=manual int.

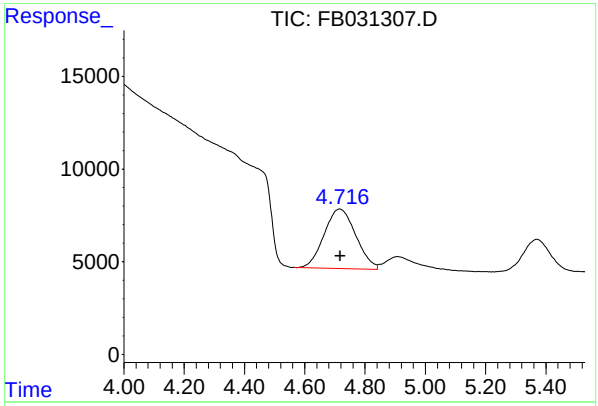
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031307.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:20
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 11:20:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

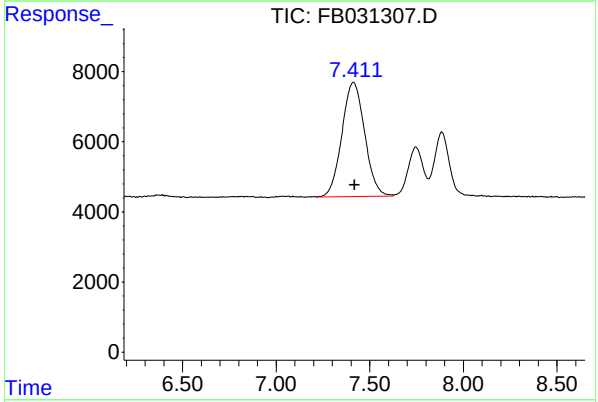




#1 2-Methylpentane

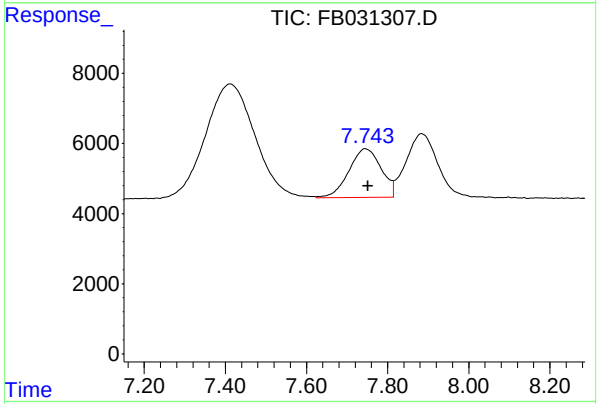
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 233598
Conc: 7.65 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



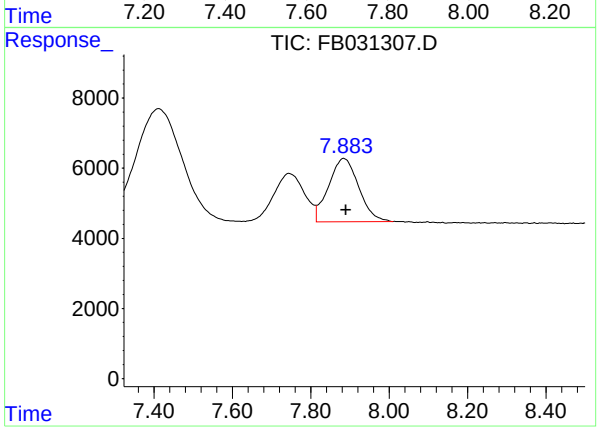
#2 2,2,4-Trimethylpentane

R.T.: 7.413 min
Delta R.T.: -0.007 min
Response: 275493
Conc: 7.89 ng/ml



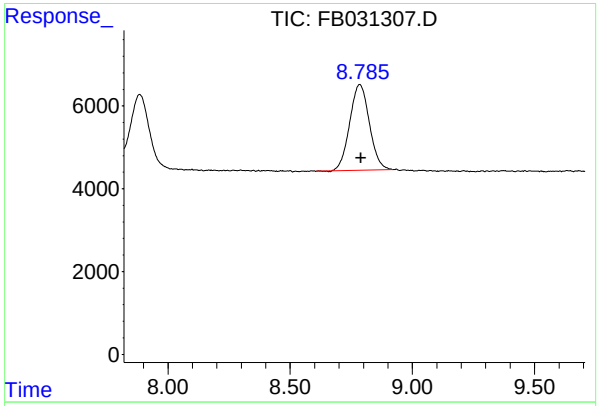
#3 n-Heptane

R.T.: 7.745 min
Delta R.T.: -0.006 min
Response: 76823
Conc: 2.29 ng/ml



#4 Benzene

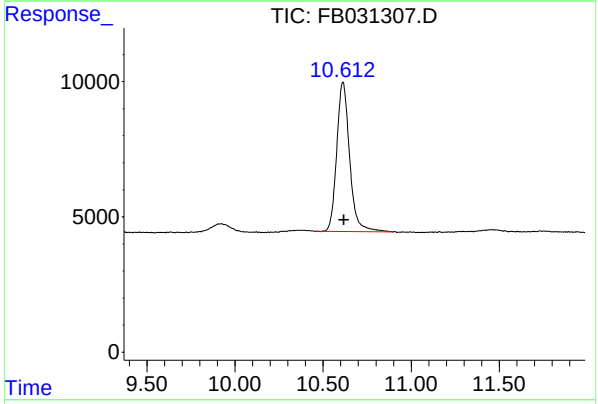
R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 96940
Conc: 2.46 ng/ml



#5 AAA-TFT

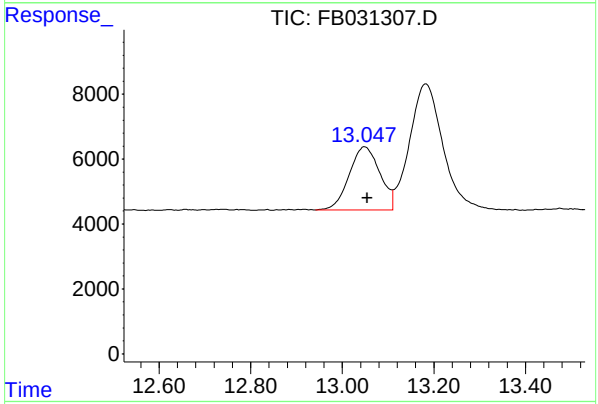
R.T.: 8.786 min
Delta R.T.: -0.003 min
Response: 115906
Conc: 4.68 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



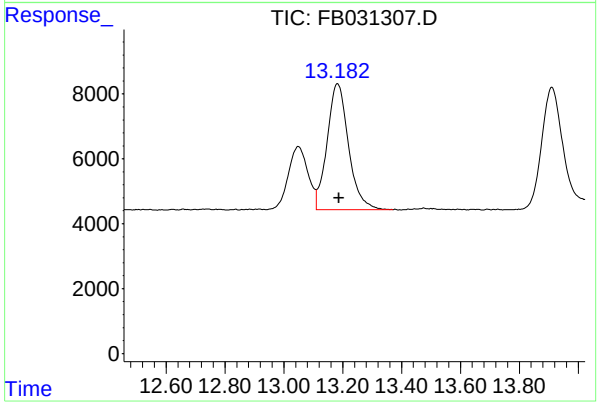
#6 Toluene

R.T.: 10.613 min
Delta R.T.: -0.005 min
Response: 281739
Conc: 7.77 ng/ml



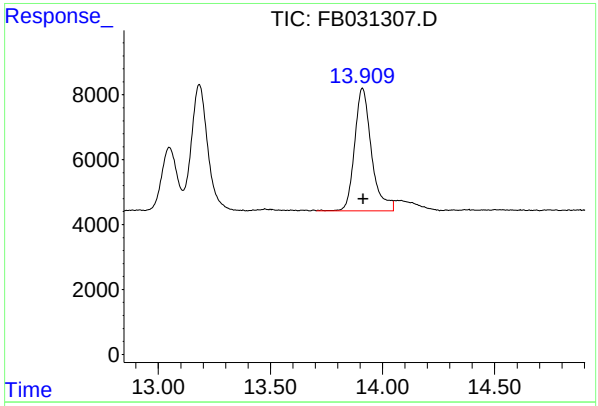
#7 Ethylbenzene

R.T.: 13.049 min
Delta R.T.: -0.005 min
Response: 90664
Conc: 2.86 ng/ml



#8 m-Xylene

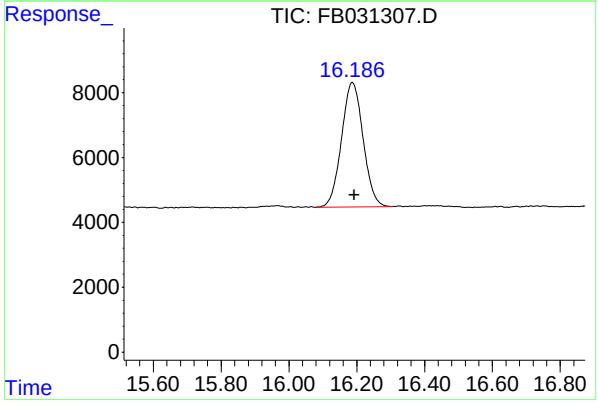
R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 196650
Conc: 5.78 ng/ml



#9 O-Xylene

R.T.: 13.911 min
Delta R.T.: -0.005 min
Response: 197897
Conc: 6.23 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.188 min
Delta R.T.: -0.004 min
Response: 169444
Conc: 6.61 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031307.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:20
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.565	4.841	BV	3212	233598	82.91%	13.463%
2	7.413	7.213	7.624	PV	3262	275493	97.78%	15.877%
3	7.745	7.624	7.814	VV	1396	76823	27.27%	4.427%
4	7.885	7.814	8.011	VV	1811	96940	34.41%	5.587%
5	8.786	8.606	8.921	PV	2076	115906	41.14%	6.680%
6	10.613	10.460	10.897	BV	5526	281739	100.00%	16.237%
7	13.049	12.941	13.110	VV	1950	90664	32.18%	5.225%
8	13.183	13.110	13.371	VV	3888	196650	69.80%	11.333%
9	13.911	13.705	14.048	PV	3780	197897	70.24%	11.405%
10	16.188	16.079	16.306	PV	3845	169444	60.14%	9.765%

Sum of corrected areas: 1735154

FB011525.M Wed Jan 15 13:12:02 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031308.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:47
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: Jan 15 11:21:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.789	244936	10.217	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.720	431842	14.006	ng/ml
2) t	2,2,4-Trimethylpentane	7.419	507274	14.158	ng/ml
3) t	n-Heptane	7.753	160152	4.983	ng/ml
4) t	Benzene	7.890	182595	4.668	ng/ml
6) t	Toluene	10.617	517285	14.011	ng/ml
7) t	Ethylbenzene	13.052	152171	4.477	ng/ml
8) t	m-Xylene	13.186	328529	8.961	ng/ml
9) t	O-Xylene	13.914	316418	8.867	ng/ml
10) t	1,2,4-Trimethylbenzene	16.191	253117	8.502	ng/ml

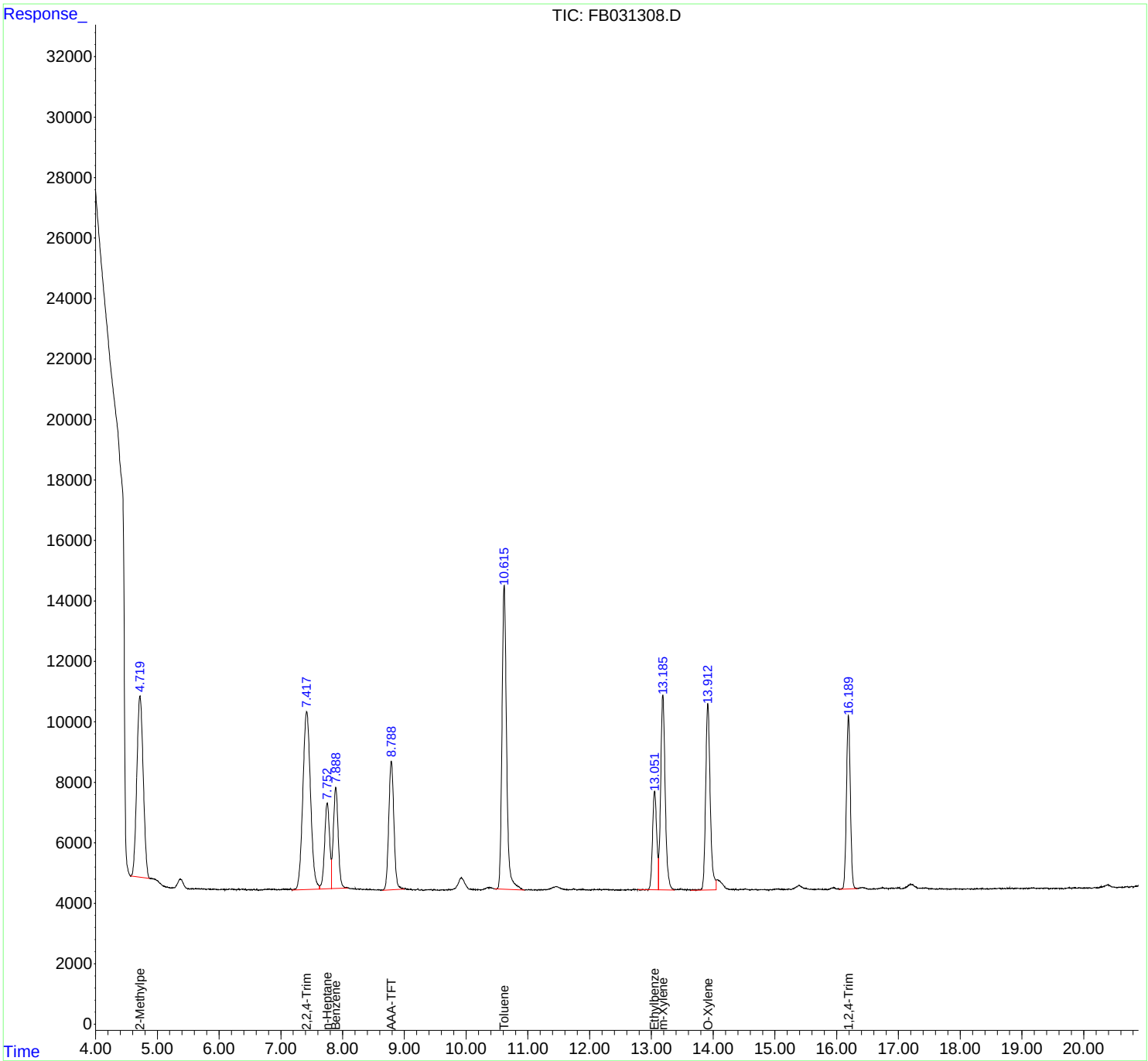
(f)=RT Delta > 1/2 Window (m)=manual int.

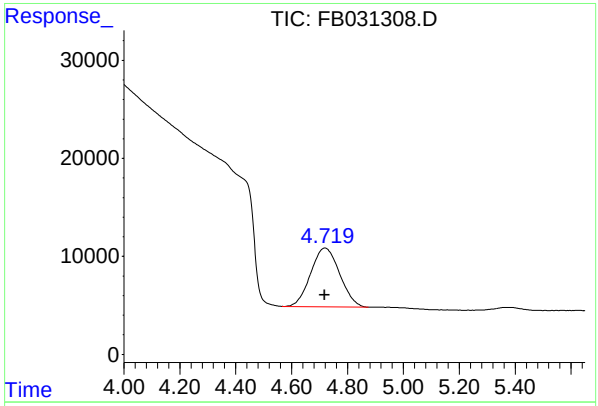
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031308.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:47
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 11:21:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

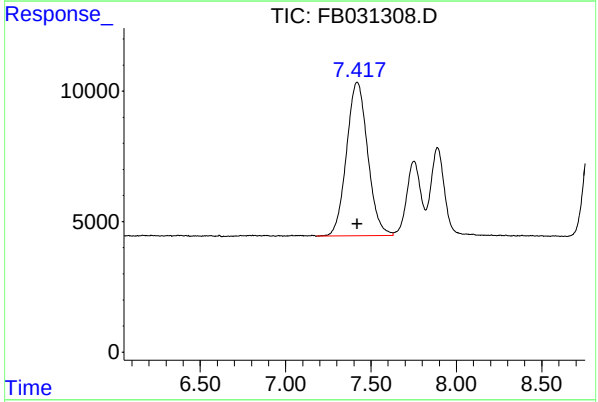




#1 2-Methylpentane

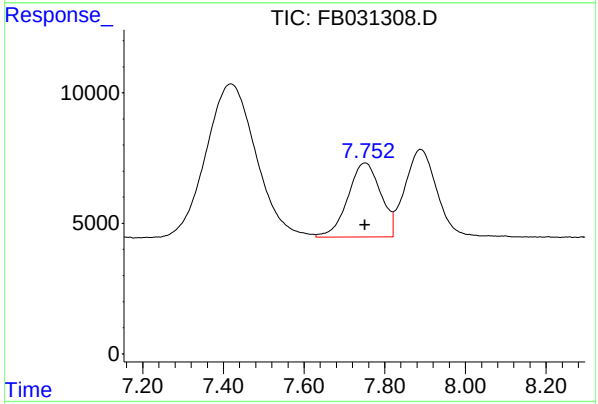
R.T.: 4.720 min
Delta R.T.: 0.002 min
Response: 431842
Conc: 14.01 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



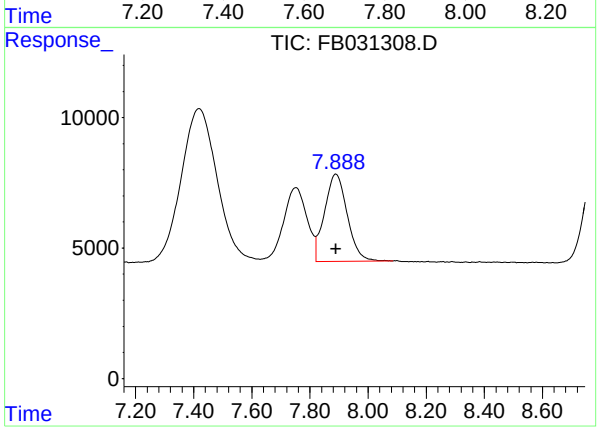
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 507274
Conc: 14.16 ng/ml



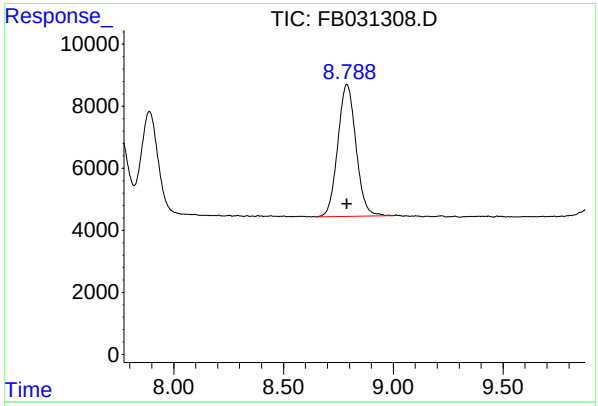
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 160152
Conc: 4.98 ng/ml



#4 Benzene

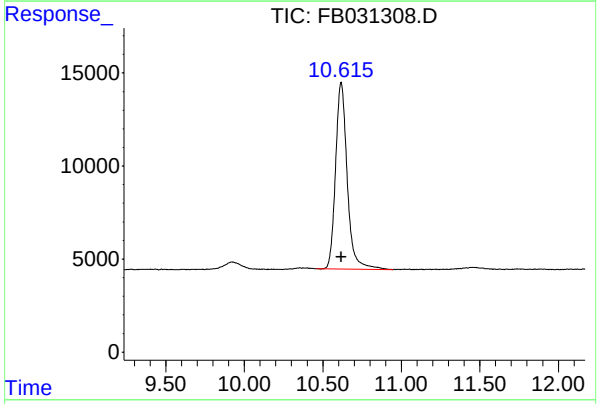
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 182595
Conc: 4.67 ng/ml



#5 AAA-TFT

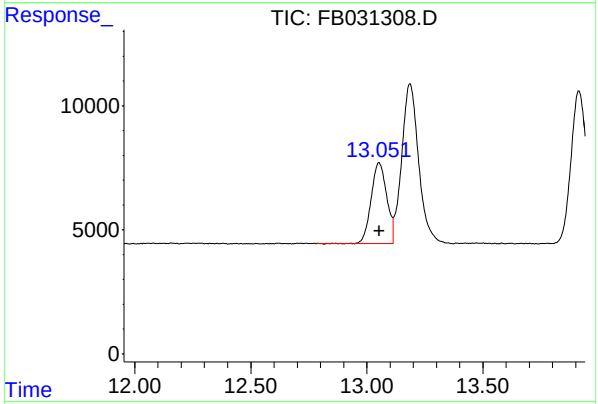
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 244936
Conc: 10.22 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



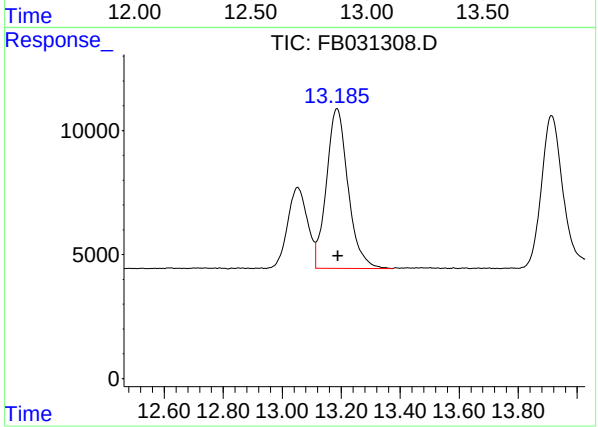
#6 Toluene

R.T.: 10.617 min
Delta R.T.: 0.000 min
Response: 517285
Conc: 14.01 ng/ml



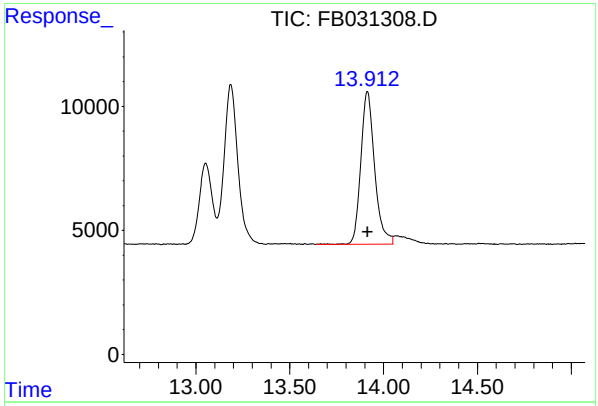
#7 Ethylbenzene

R.T.: 13.052 min
Delta R.T.: -0.002 min
Response: 152171
Conc: 4.48 ng/ml



#8 m-Xylene

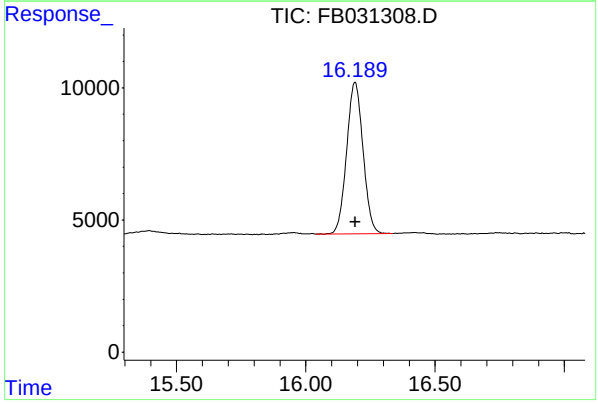
R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 328529
Conc: 8.96 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: -0.002 min
Response: 316418
Conc: 8.87 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.191 min
Delta R.T.: -0.001 min
Response: 253117
Conc: 8.50 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031308.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:47
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.720	4.565	4.875	BV	6002	431842	83.48%	13.956%
2	7.419	7.179	7.629	PV	5886	507274	98.06%	16.394%
3	7.753	7.629	7.820	VV	2841	160152	30.96%	5.176%
4	7.890	7.820	8.086	VV	3346	182595	35.30%	5.901%
5	8.789	8.648	8.999	PV	4259	244936	47.35%	7.916%
6	10.617	10.457	10.947	BV	10045	517285	100.00%	16.717%
7	13.052	12.781	13.113	BV	3267	152171	29.42%	4.918%
8	13.186	13.113	13.374	VV	6447	328529	63.51%	10.617%
9	13.914	13.639	14.049	PV	6166	316418	61.17%	10.226%
10	16.191	16.038	16.336	PV	5740	253117	48.93%	8.180%

Sum of corrected areas: 3094319

FB011525.M Wed Jan 15 13:12:21 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031309.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:13
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: Jan 15 11:19:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 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	495333	20.000	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	915530	30.000	ng/ml
2) t	2,2,4-Trimethylpentane	7.420	1047795	30.000	ng/ml
3) t	n-Heptane	7.751	335553	10.000	ng/ml
4) t	Benzene	7.890	394556	10.000	ng/ml
6) t	Toluene	10.618	1088237	30.000	ng/ml
7) t	Ethylbenzene	13.054	317078	10.000	ng/ml
8) t	m-Xylene	13.188	679935	20.000	ng/ml
9) t	O-Xylene	13.916	635755	20.000	ng/ml
10) t	1,2,4-Trimethylbenzene	16.192	513022	20.000	ng/ml

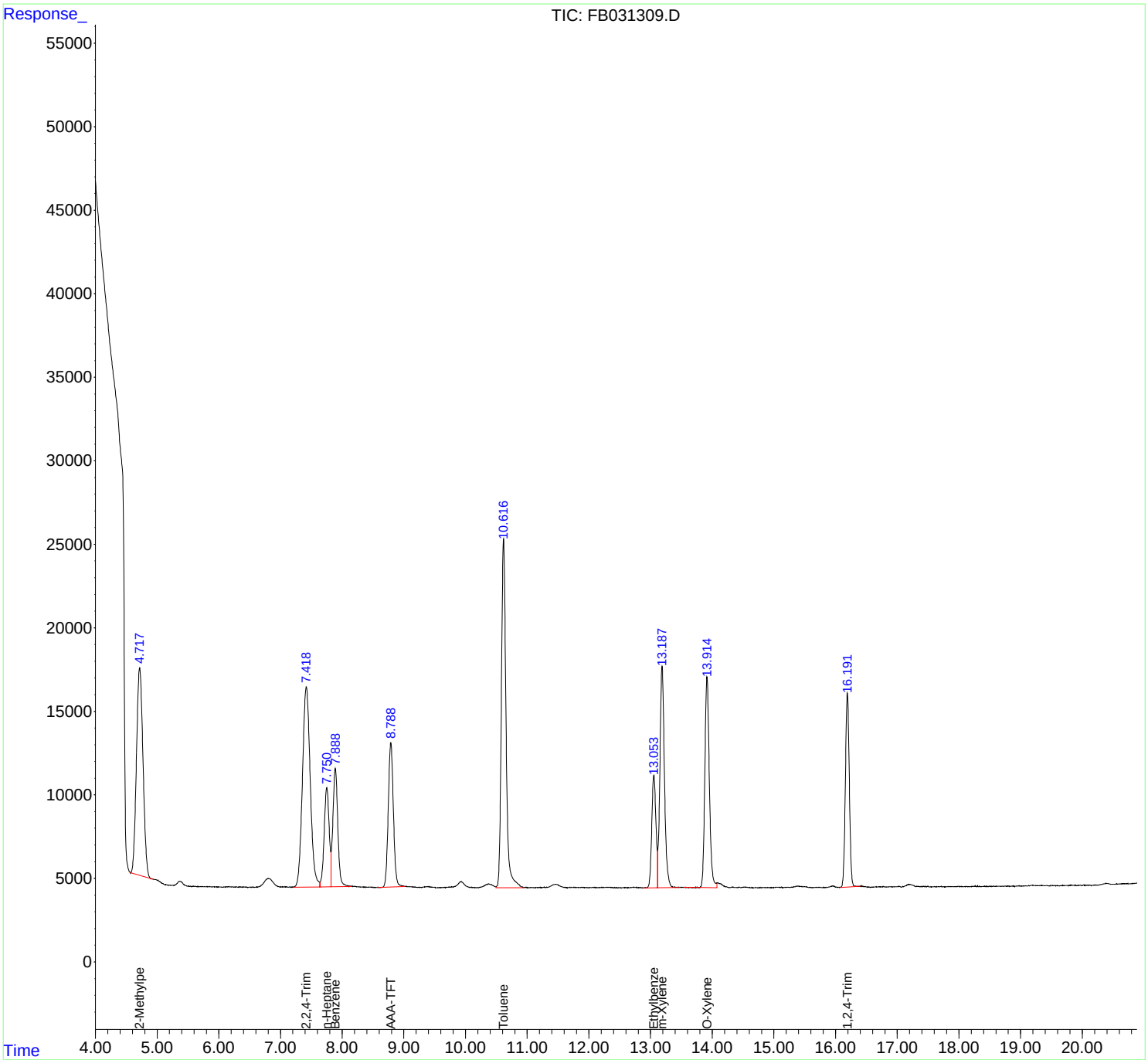
(f)=RT Delta > 1/2 Window (m)=manual int.

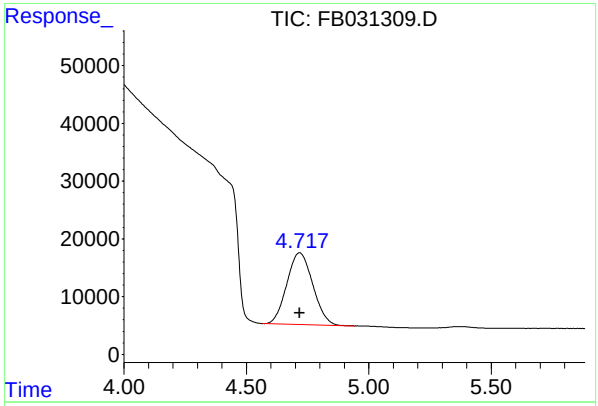
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031309.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:13
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 11:19:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:19:27 2025
Response via : Initial Calibration
Integrator: ChemStation

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

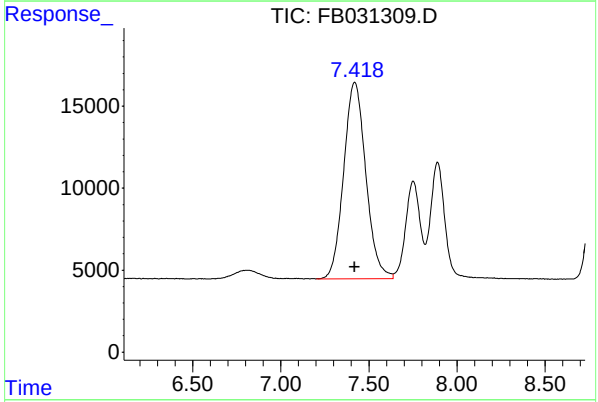




#1 2-Methylpentane

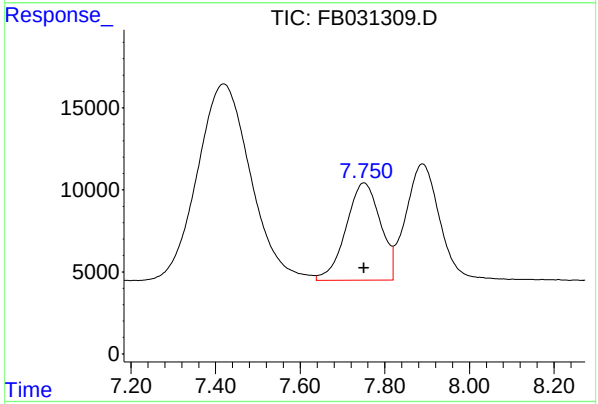
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 915530
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



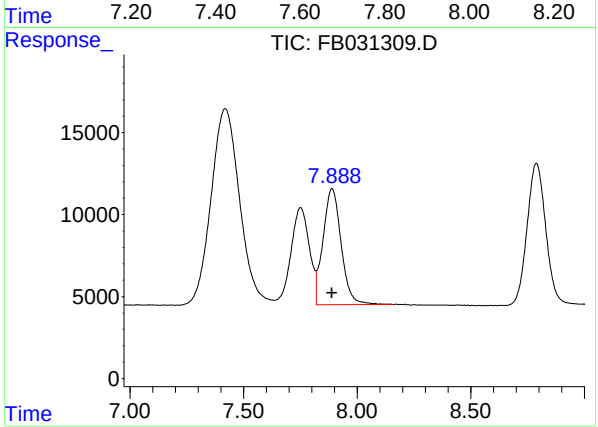
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 1047795
Conc: 30.00 ng/ml



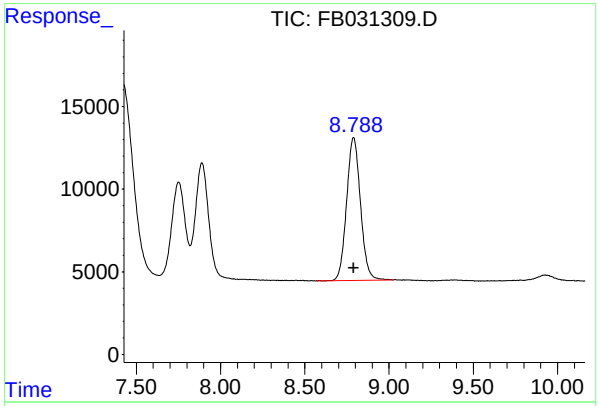
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 335553
Conc: 10.00 ng/ml



#4 Benzene

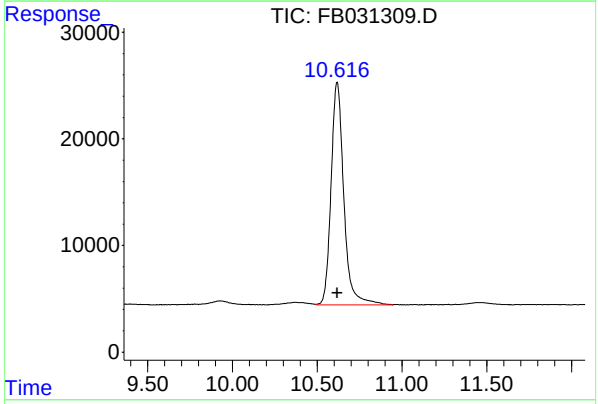
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 394556
Conc: 10.00 ng/ml



#5 AAA-TFT

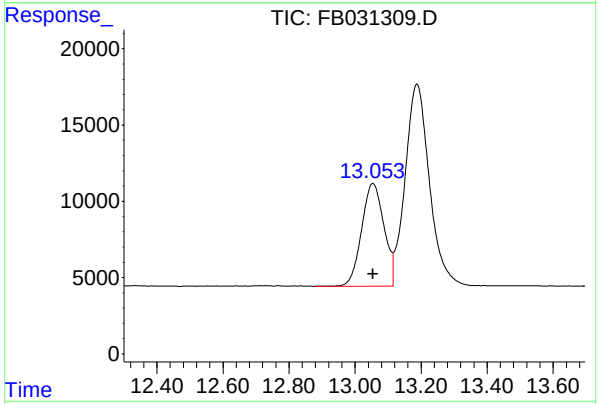
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 495333
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



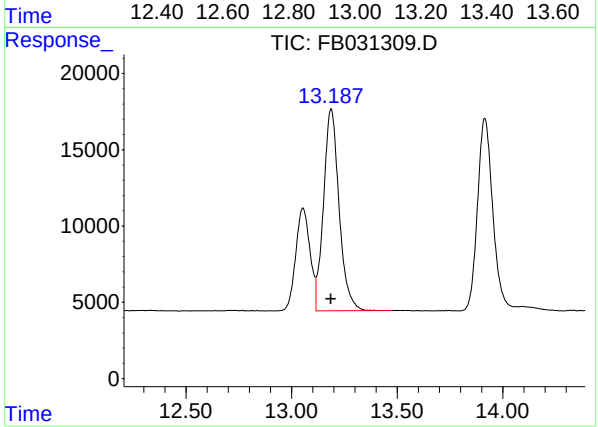
#6 Toluene

R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 1088237
Conc: 30.00 ng/ml



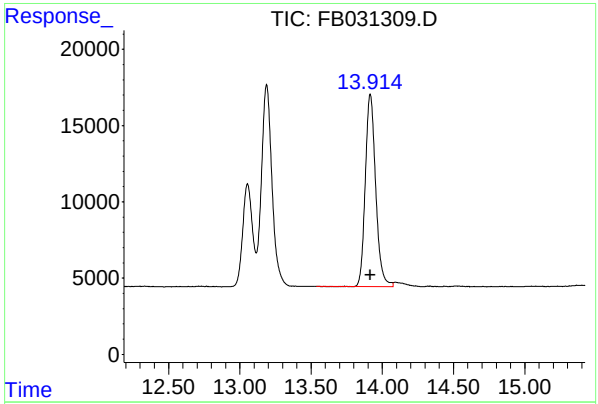
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 317078
Conc: 10.00 ng/ml



#8 m-Xylene

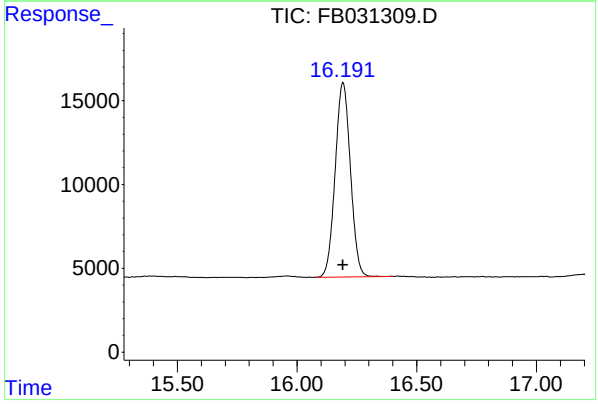
R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 679935
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.916 min
Delta R.T.: 0.000 mi
Response: 635755
Conc: 20.00 ng/m

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.192 min
Delta R.T.: 0.000 min
Response: 513022
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031309.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:13
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.565	4.943	BV	12437	915530	84.13%	14.254%
2	7.420	7.201	7.638	PV	11994	1047795	96.28%	16.314%
3	7.751	7.638	7.820	VV	5939	335553	30.83%	5.224%
4	7.890	7.820	8.158	VV	7088	394556	36.26%	6.143%
5	8.790	8.567	9.024	BV	8649	495333	45.52%	7.712%
6	10.618	10.494	10.947	VV	20865	1088237	100.00%	16.943%
7	13.054	12.882	13.115	BV	6747	317078	29.14%	4.937%
8	13.188	13.115	13.480	VB	13255	679935	62.48%	10.586%
9	13.916	13.536	14.076	BV	12607	635755	58.42%	9.898%
10	16.192	16.080	16.401	BBA	11616	513022	47.14%	7.988%

Sum of corrected areas: 6422794

FB011525.M Wed Jan 15 13:12:41 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031310.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:40
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: Jan 15 11:34:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:21:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.789	1088363	45.072	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.716	2794680	92.689	ng/ml
2) t	2,2,4-Trimethylpentane	7.422	3062779	87.112	ng/ml
3) t	n-Heptane	7.751	1021135	31.806	ng/ml
4) t	Benzene	7.889	1195371	31.251	ng/ml
6) t	Toluene	10.618	3175016	87.930	ng/ml
7) t	Ethylbenzene	13.056	915002	27.894	ng/ml
8) t	m-Xylene	13.189	1979254	55.922	ng/ml
9) t	O-Xylene	13.917	1844879	53.730	ng/ml
10) t	1,2,4-Trimethylbenzene	16.193	1414716	50.018	ng/ml

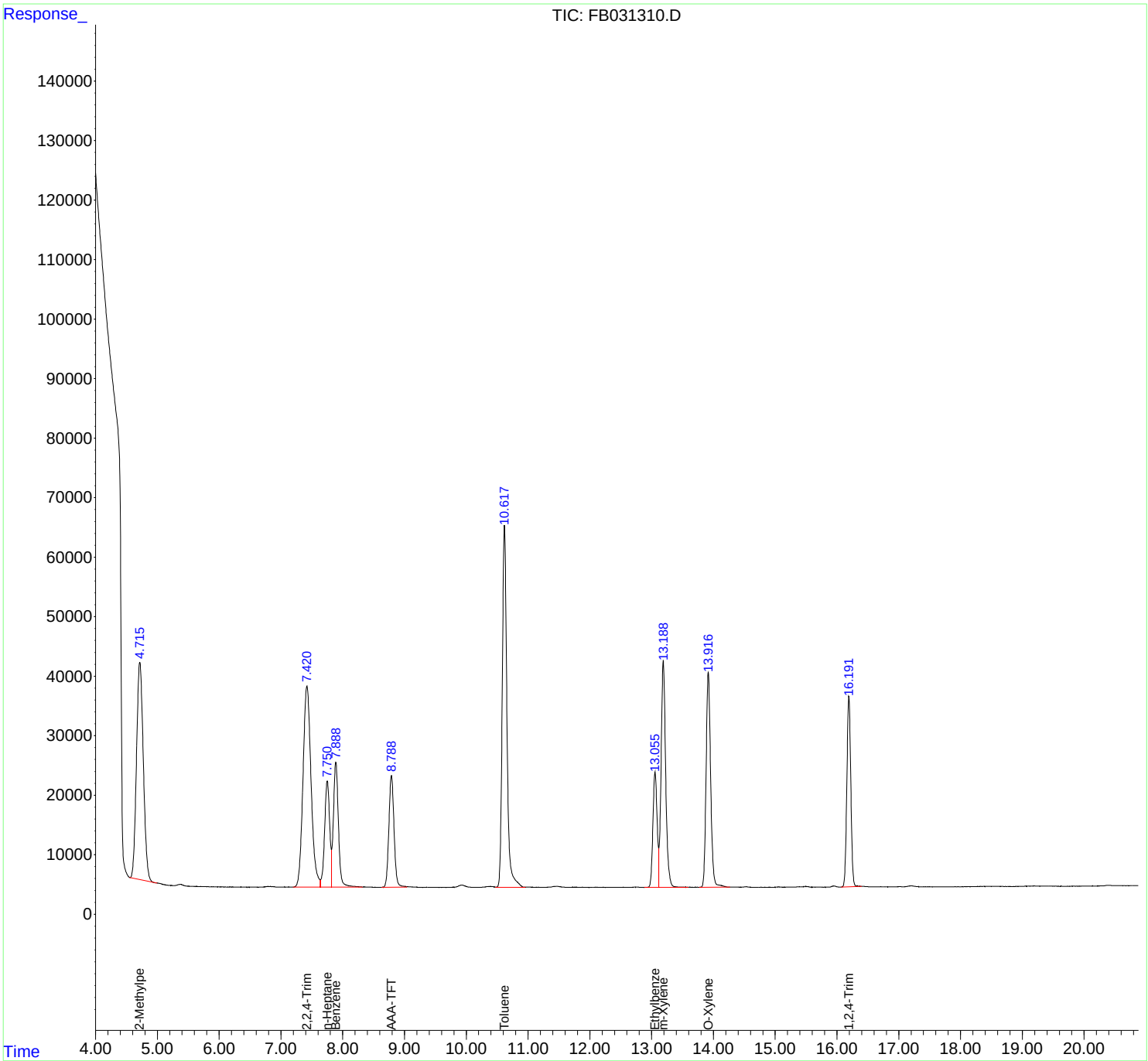
(f)=RT Delta > 1/2 Window (m)=manual int.

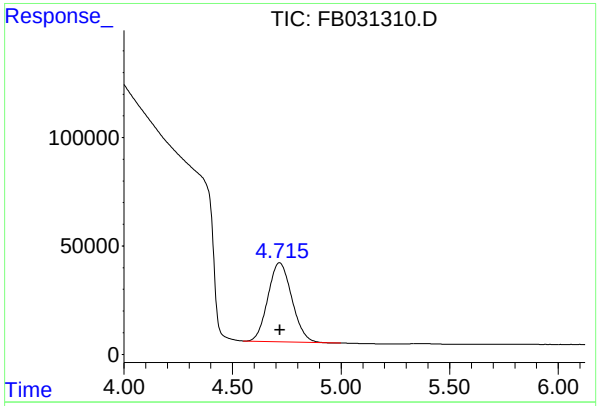
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031310.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:40
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 11:34:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:21:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

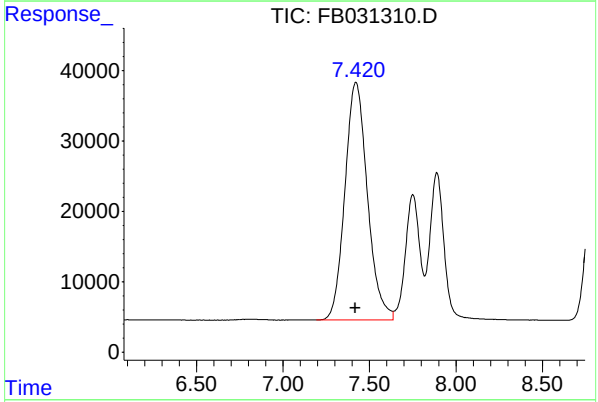




#1 2-Methylpentane

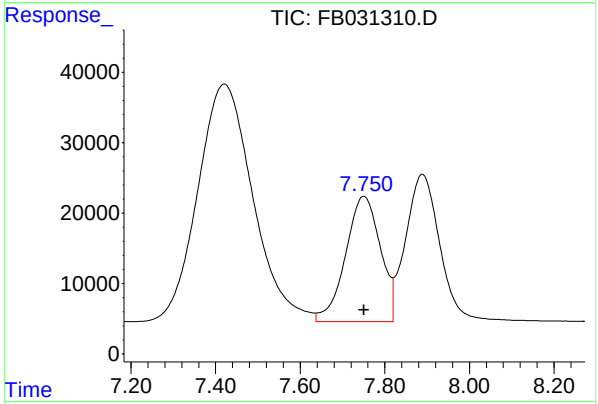
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 2794680
Conc: 92.69 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



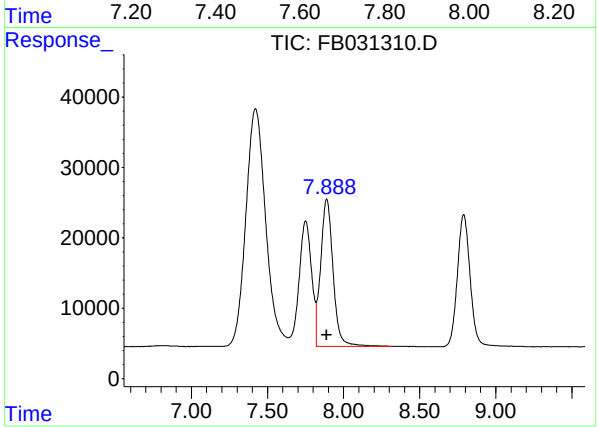
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min
Delta R.T.: 0.002 min
Response: 3062779
Conc: 87.11 ng/ml



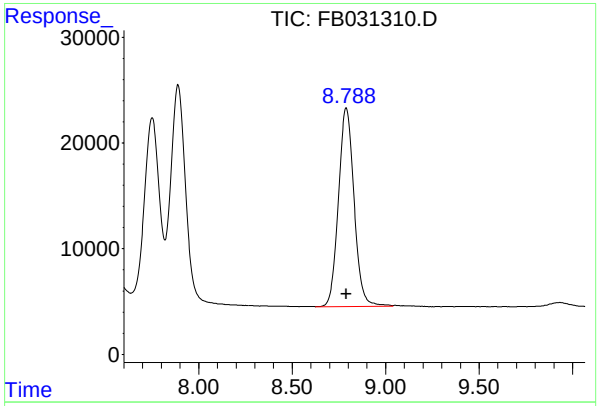
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 1021135
Conc: 31.81 ng/ml



#4 Benzene

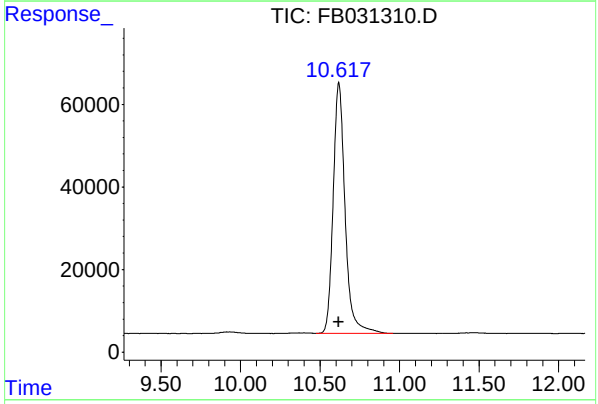
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 1195371
Conc: 31.25 ng/ml



#5 AAA-TFT

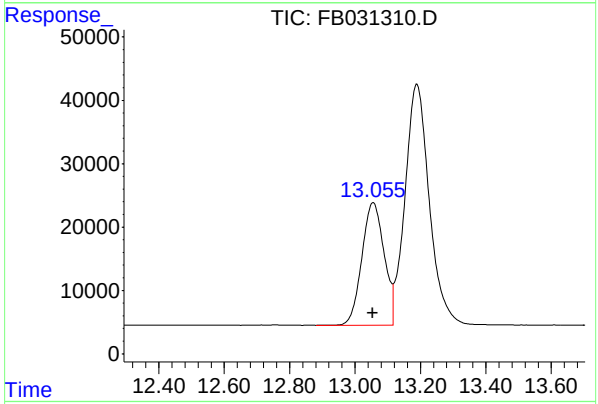
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 1088363
Conc: 45.07 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



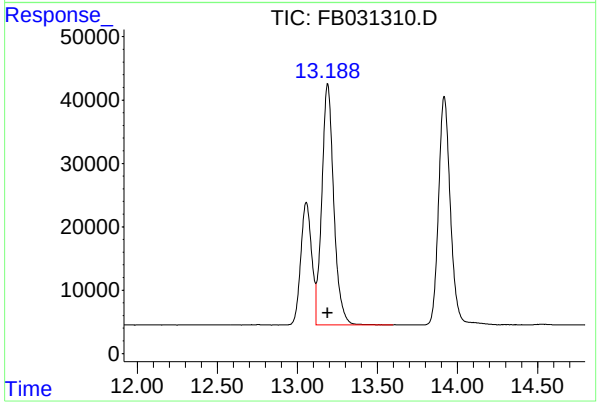
#6 Toluene

R.T.: 10.618 min
Delta R.T.: 0.000 min
Response: 3175016
Conc: 87.93 ng/ml



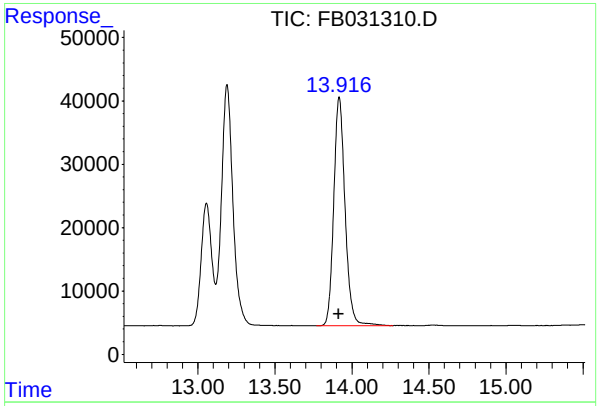
#7 Ethylbenzene

R.T.: 13.056 min
Delta R.T.: 0.001 min
Response: 915002
Conc: 27.89 ng/ml



#8 m-Xylene

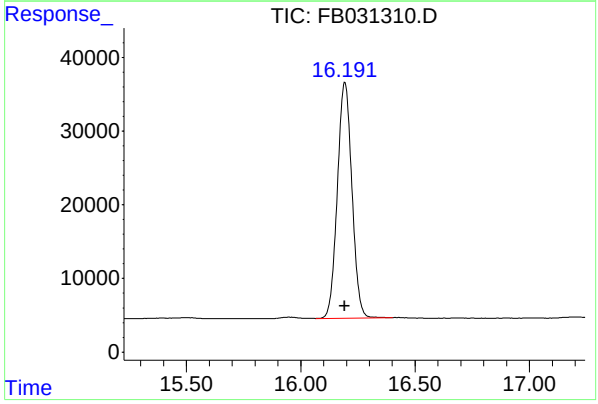
R.T.: 13.189 min
Delta R.T.: 0.001 min
Response: 1979254
Conc: 55.92 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.002 mi
Response: 1844879
Conc: 53.73 ng/m

Instrument :
FID_B
ClientSampleId :
50 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 1414716
Conc: 50.02 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031310.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:40
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.716	4.548	4.999	BV	36502	2794680	88.02%	15.114%
2	7.422	7.192	7.637	PV	33816	3062779	96.46%	16.563%
3	7.751	7.637	7.820	VV	17823	1021135	32.16%	5.522%
4	7.889	7.820	8.325	VV	20971	1195371	37.65%	6.465%
5	8.789	8.626	9.038	PV	18802	1088363	34.28%	5.886%
6	10.618	10.474	10.958	VV	60829	3175016	100.00%	17.170%
7	13.056	12.881	13.116	PV	19392	915002	28.82%	4.948%
8	13.189	13.116	13.597	VV	38094	1979254	62.34%	10.704%
9	13.917	13.768	14.268	PV	36104	1844879	58.11%	9.977%
10	16.193	16.066	16.403	PBA	32010	1414716	44.56%	7.651%

Sum of corrected areas: 18491195

FB011525.M Wed Jan 15 13:13:07 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031311.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:07
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 12:00:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:34:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.789	2505507	106.381	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.714	5701862	178.580	ng/ml
2) t	2,2,4-Trimethylpentane	7.425	6258583	171.100	ng/ml
3) t	n-Heptane	7.749	2166770	63.189	ng/ml
4) t	Benzene	7.889	2519199	61.986	ng/ml
6) t	Toluene	10.619	6686047	177.515	ng/ml
7) t	Ethylbenzene	13.057	1906774	56.494	ng/ml
8) t	m-Xylene	13.191	4113116	112.870	ng/ml
9) t	O-Xylene	13.919	3816110	109.105	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	2845927	100.611	ng/ml

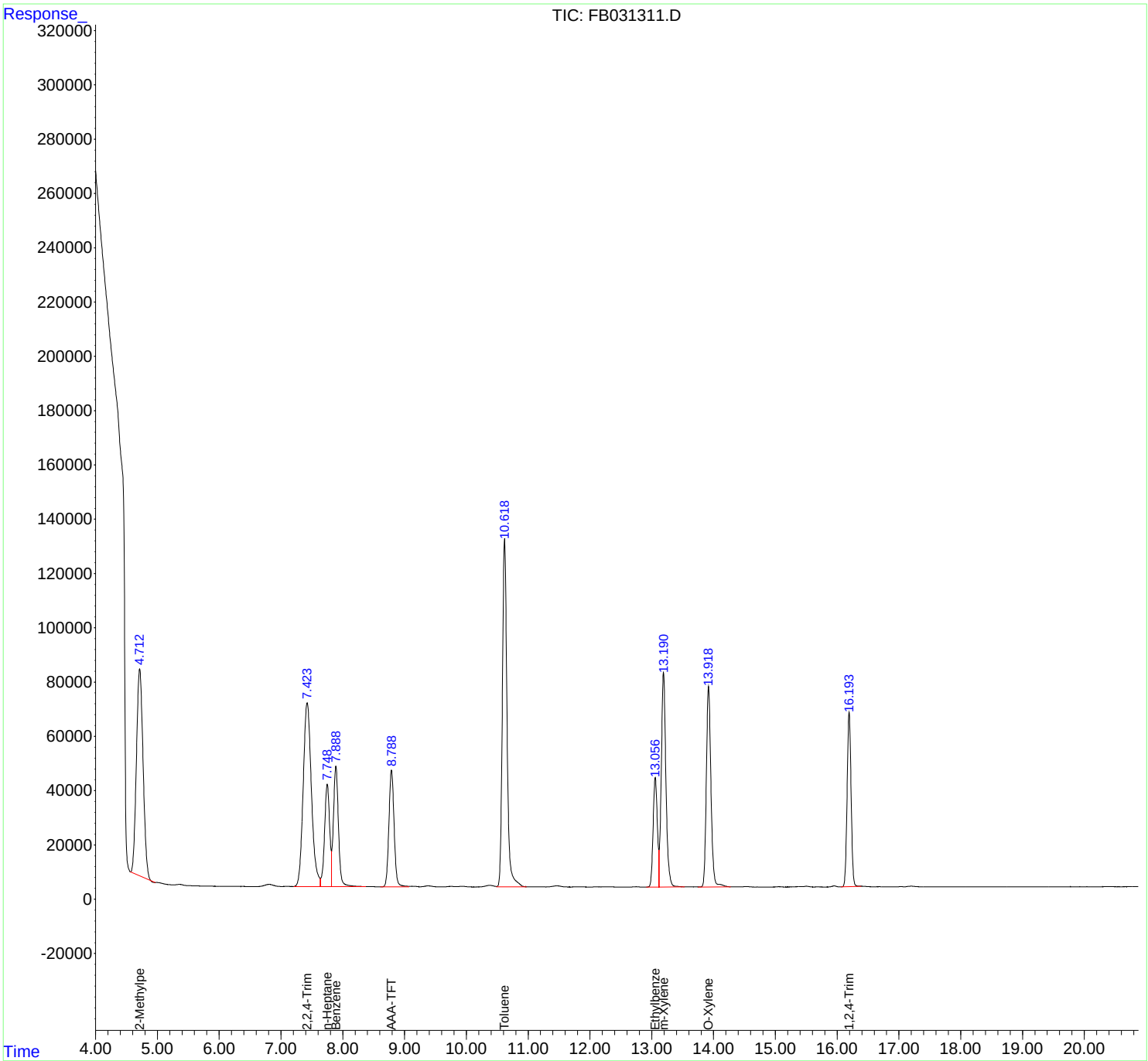
(f)=RT Delta > 1/2 Window (m)=manual int.

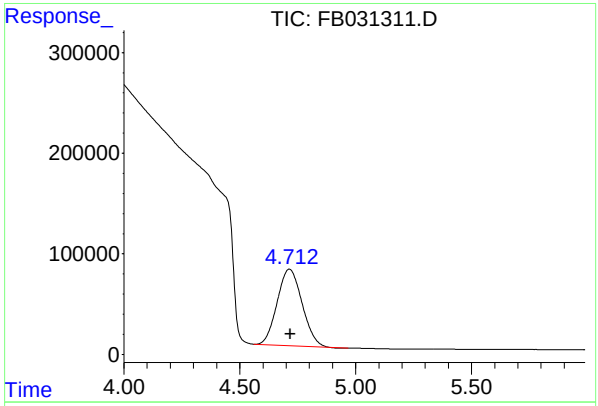
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031311.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:07
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Integration File: Calibration.e
Quant Time: Jan 15 12:00:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 11:34:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

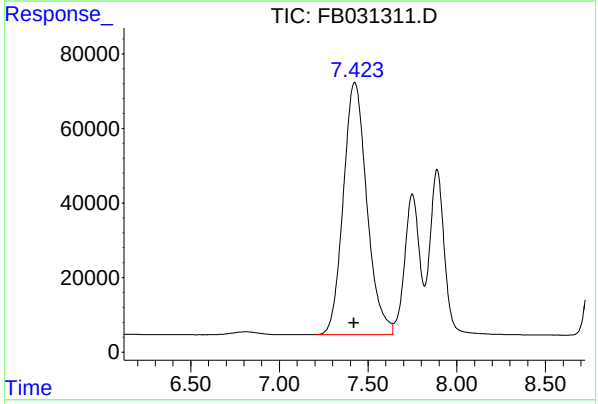




#1 2-Methylpentane

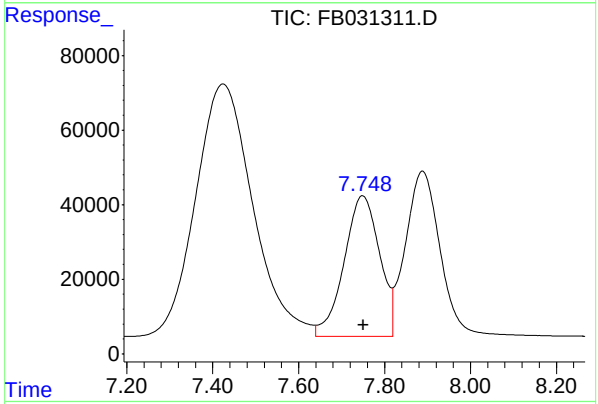
R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 5701862
Conc: 178.58 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



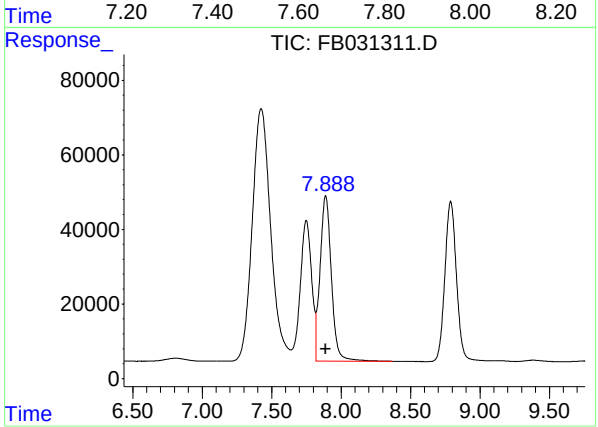
#2 2,2,4-Trimethylpentane

R.T.: 7.425 min
Delta R.T.: 0.005 min
Response: 6258583
Conc: 171.10 ng/ml



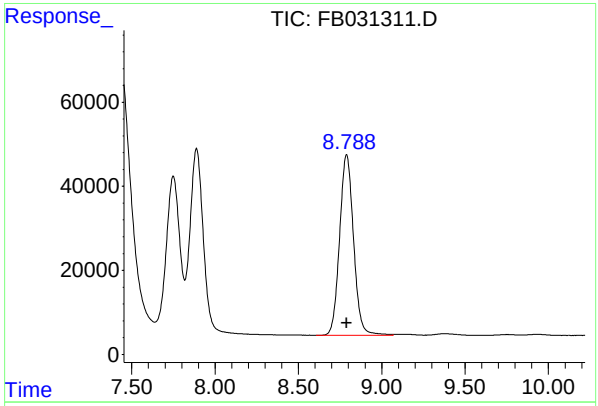
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: -0.002 min
Response: 2166770
Conc: 63.19 ng/ml



#4 Benzene

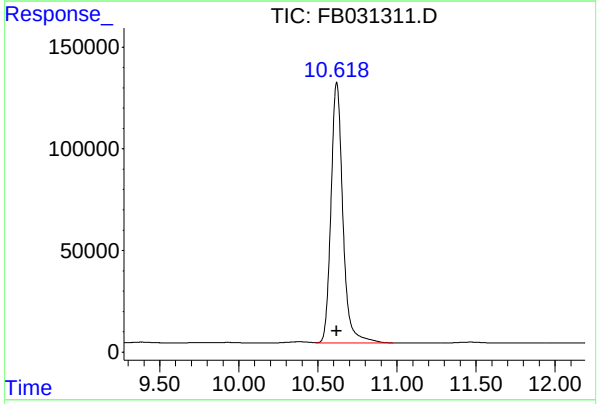
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 2519199
Conc: 61.99 ng/ml



#5 AAA-TFT

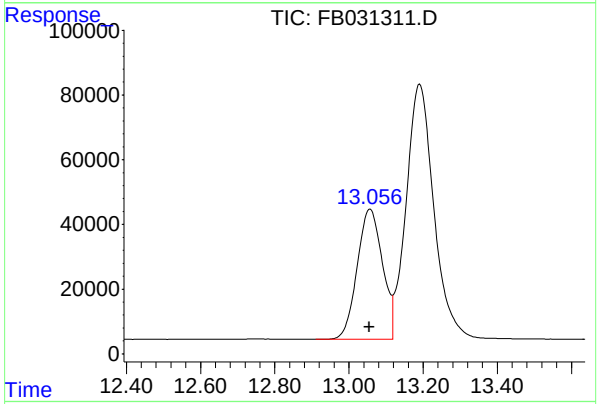
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 2505507
Conc: 106.38 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



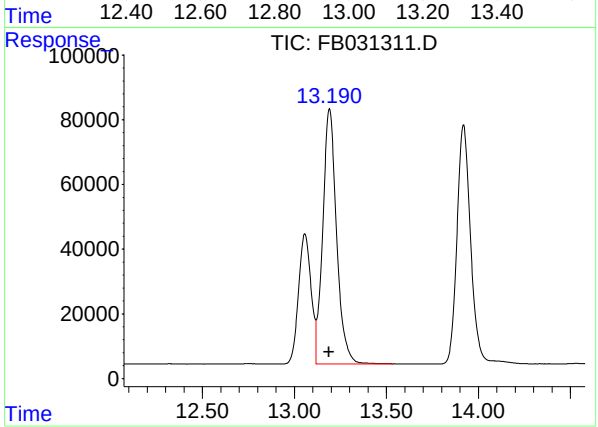
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.002 min
Response: 6686047
Conc: 177.51 ng/ml



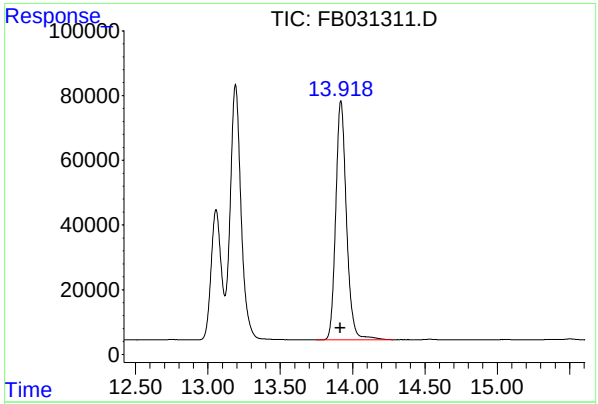
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.003 min
Response: 1906774
Conc: 56.49 ng/ml



#8 m-Xylene

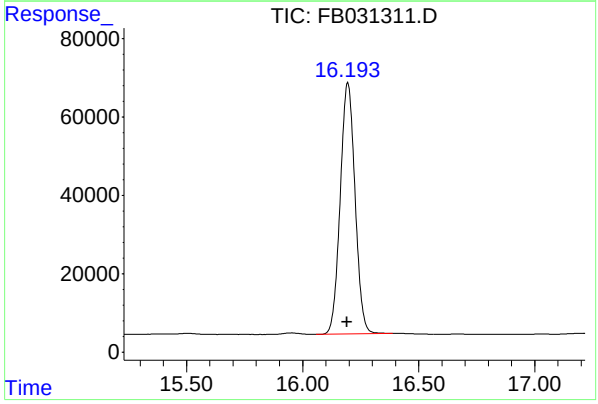
R.T.: 13.191 min
Delta R.T.: 0.003 min
Response: 4113116
Conc: 112.87 ng/ml



#9 O-Xylene

R.T.: 13.919 min
Delta R.T.: 0.004 min
Response: 3816110
Conc: 109.10 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.002 min
Response: 2845927
Conc: 100.61 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031311.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:07
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.714	4.559	4.969	BV	76258	5701862	85.28%	14.802%
2	7.425	7.205	7.639	PV	67744	6258583	93.61%	16.248%
3	7.749	7.639	7.819	VV	37772	2166770	32.41%	5.625%
4	7.889	7.819	8.373	VV	44426	2519199	37.68%	6.540%
5	8.789	8.606	9.067	PV	43041	2505507	37.47%	6.504%
6	10.619	10.488	10.975	VV	128321	6686047	100.00%	17.357%
7	13.057	12.910	13.118	PV	40292	1906774	28.52%	4.950%
8	13.191	13.118	13.536	VV	78889	4113116	61.52%	10.678%
9	13.919	13.747	14.279	PV	73895	3816110	57.08%	9.907%
10	16.194	16.057	16.389	PV	64194	2845927	42.57%	7.388%

Sum of corrected areas: 38519896

FB011525.M Wed Jan 15 13:13:44 2025

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031312.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:44
Operator : YP/AJ
Sample : FB011525GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB011525GROICV

Integration File: Calibration.e
Quant Time: Jan 15 12:38:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.788	479840	20.117	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.715	1029585	31.062	ng/ml
2) t	2,2,4-Trimethylpentane	7.415	1208467	32.134	ng/ml
3) t	n-Heptane	7.749	355226	9.840	ng/ml
4) t	Benzene	7.887	448910	10.540	ng/ml
6) t	Toluene	10.616	1231346	31.535	ng/ml
7) t	Ethylbenzene	13.053	368640	10.646	ng/ml
8) t	m-Xylene	13.186	805181	21.541	ng/ml
9) t	O-Xylene	13.914	762753	21.418	ng/ml
10) t	1,2,4-Trimethylbenzene	16.191	636053	22.459	ng/ml

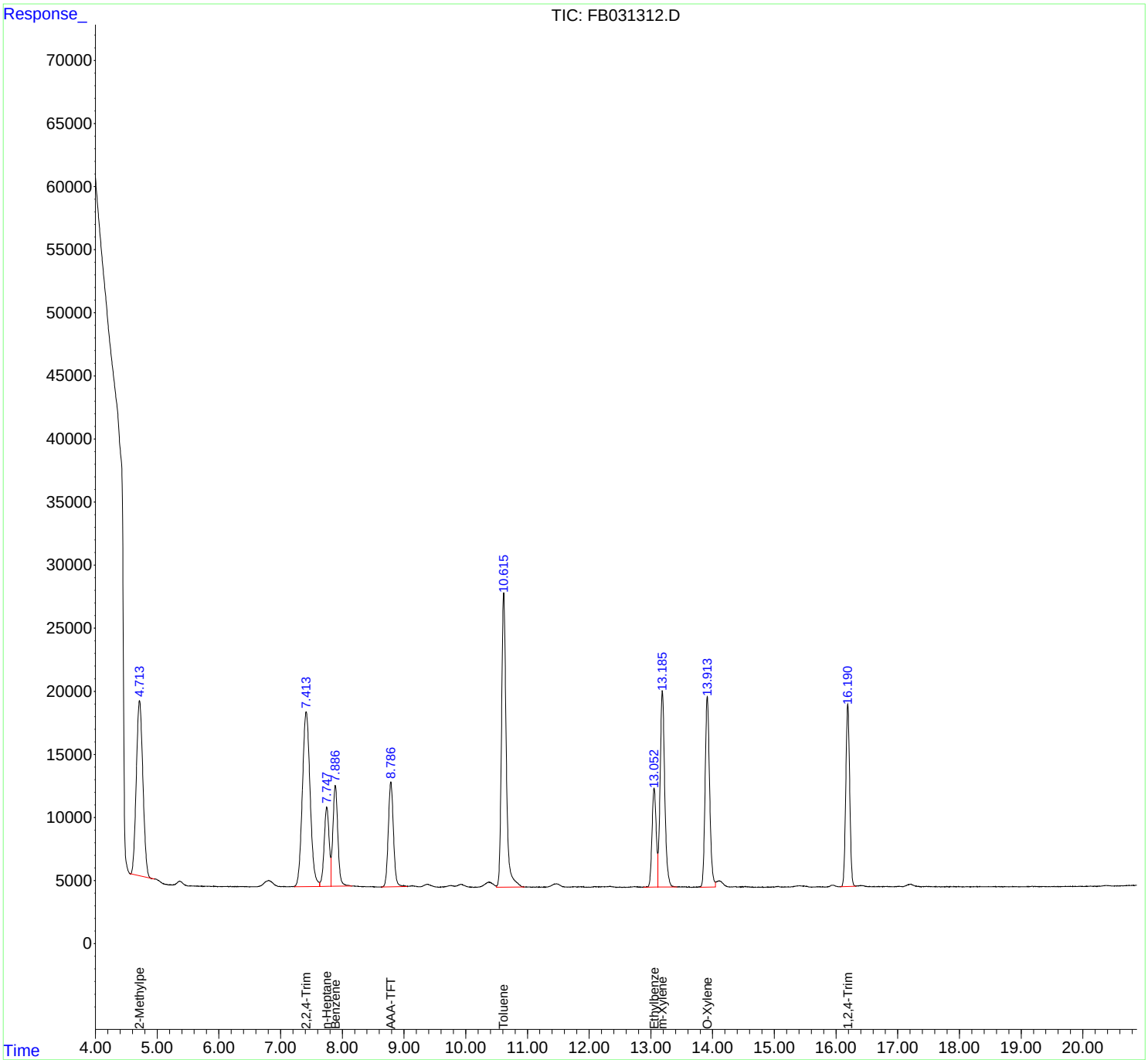
(f)=RT Delta > 1/2 Window (m)=manual int.

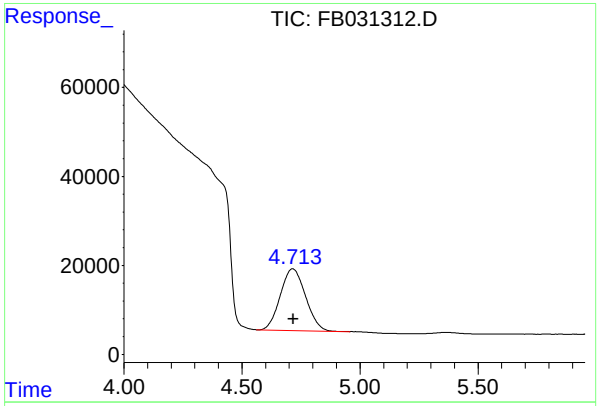
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031312.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:44
Operator : YP/AJ
Sample : FB011525GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB011525GROICV

Integration File: Calibration.e
Quant Time: Jan 15 12:38:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

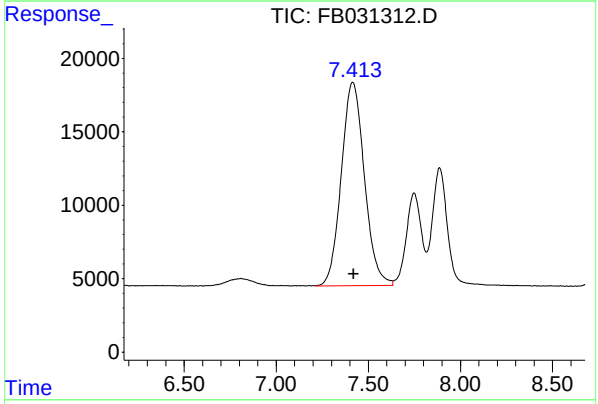




#1 2-Methylpentane

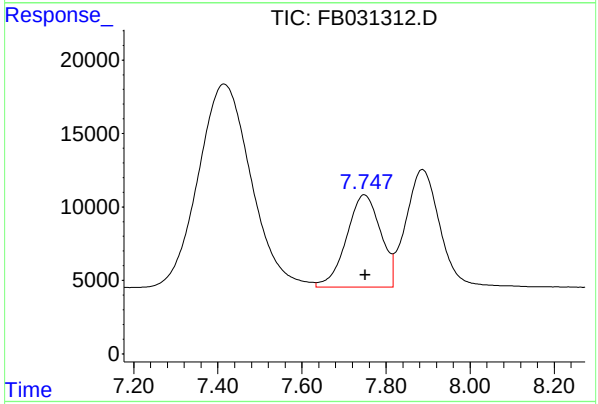
R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 1029585
Conc: 31.06 ng/ml

Instrument :
FID_B
ClientSampleId :
FB011525GROICV



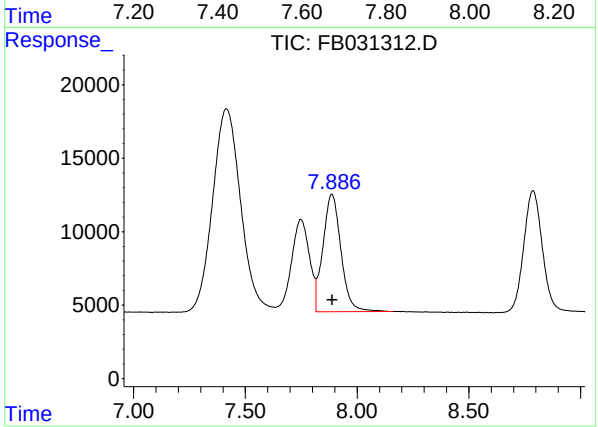
#2 2,2,4-Trimethylpentane

R.T.: 7.415 min
Delta R.T.: -0.005 min
Response: 1208467
Conc: 32.13 ng/ml



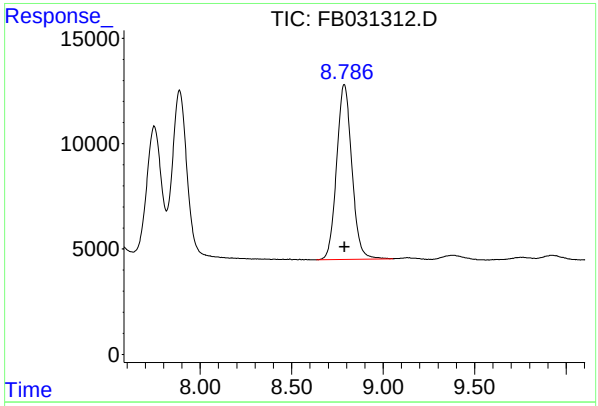
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: -0.003 min
Response: 355226
Conc: 9.84 ng/ml



#4 Benzene

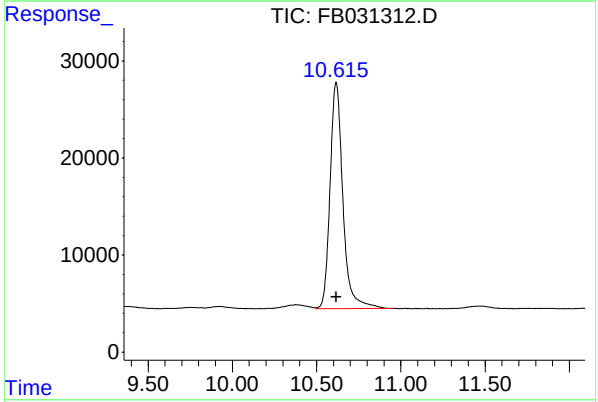
R.T.: 7.887 min
Delta R.T.: -0.003 min
Response: 448910
Conc: 10.54 ng/ml



#5 AAA-TFT

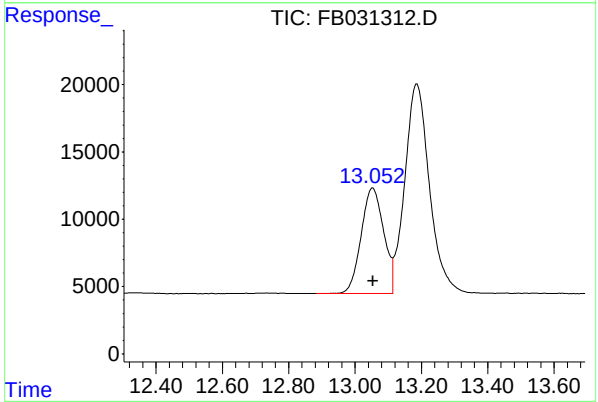
R.T.: 8.788 min
Delta R.T.: -0.002 min
Response: 479840
Conc: 20.12 ng/ml

Instrument :
FID_B
ClientSampleId :
FB011525GROICV



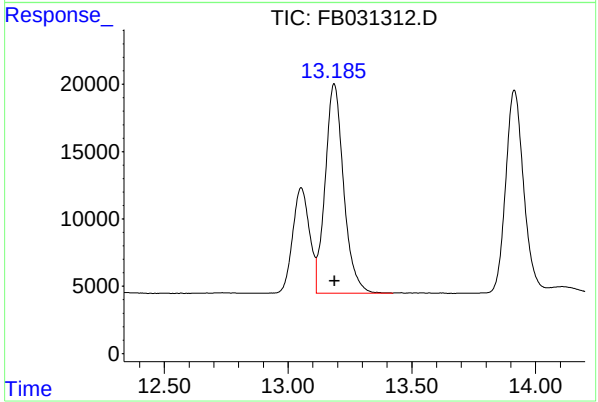
#6 Toluene

R.T.: 10.616 min
Delta R.T.: -0.001 min
Response: 1231346
Conc: 31.54 ng/ml



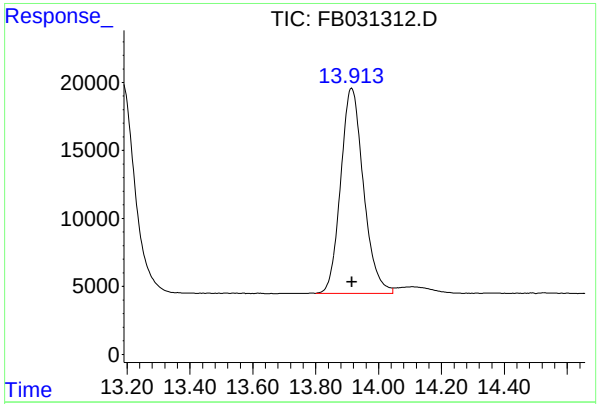
#7 Ethylbenzene

R.T.: 13.053 min
Delta R.T.: -0.001 min
Response: 368640
Conc: 10.65 ng/ml



#8 m-Xylene

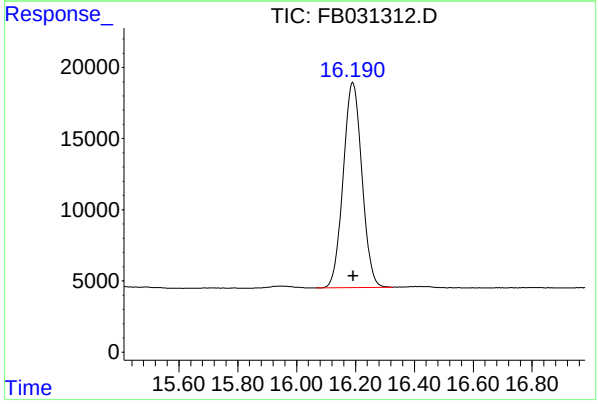
R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 805181
Conc: 21.54 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: -0.001 mi
Response: 762753
Conc: 21.42 ng/m

Instrument :
FID_B
ClientSampleId :
FB011525GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.191 min
Delta R.T.: 0.000 min
Response: 636053
Conc: 22.46 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031312.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:44
Sample : FB011525GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.715	4.559	4.958	BV	13885	1029585	83.61%	14.054%
2	7.415	7.215	7.633	VV	13856	1208467	98.14%	16.496%
3	7.749	7.633	7.816	VV	6299	355226	28.85%	4.849%
4	7.887	7.816	8.161	VV	7999	448910	36.46%	6.128%
5	8.788	8.634	9.055	PV	8302	479840	38.97%	6.550%
6	10.616	10.496	10.953	VV	23336	1231346	100.00%	16.808%
7	13.053	12.882	13.114	BV	7850	368640	29.94%	5.032%
8	13.186	13.114	13.424	VV	15574	805181	65.39%	10.991%
9	13.914	13.800	14.045	VV	15094	762753	61.94%	10.412%
10	16.191	16.066	16.327	PV	14424	636053	51.66%	8.682%

Sum of corrected areas: 7326001

FB011525.M Wed Jan 15 13:14:07 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: RUTW01

ProjectID: NYCDDC SANTWOBR Brooklyn Bridge BBMCR

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG No.: Q1207

DataFile: FB031356.D Analyst Name: YP/AJ Analyst Date: 01-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6971344	38730	35852	8.027

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031356.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 8:39
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: Jan 30 00:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	R.T.	Response	Conc	Units
	System Monitoring Compounds				
5) s	AAA-TFT	8.789	453909	19.030	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.718	1077482	32.507	ng/ml
2) t	2,2,4-Trimethylpentane	7.416	1252352	33.300	ng/ml
3) t	n-Heptane	7.750	365142	10.115	ng/ml
4) t	Benzene	7.888	462078	10.849	ng/ml
6) t	Toluene	10.617	1252023	32.065	ng/ml
7) t	Ethylbenzene	13.054	375855	10.854	ng/ml
8) t	m-Xylene	13.188	804125	21.513	ng/ml
9) t	O-Xylene	13.917	756575	21.244	ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	625712	22.094	ng/ml

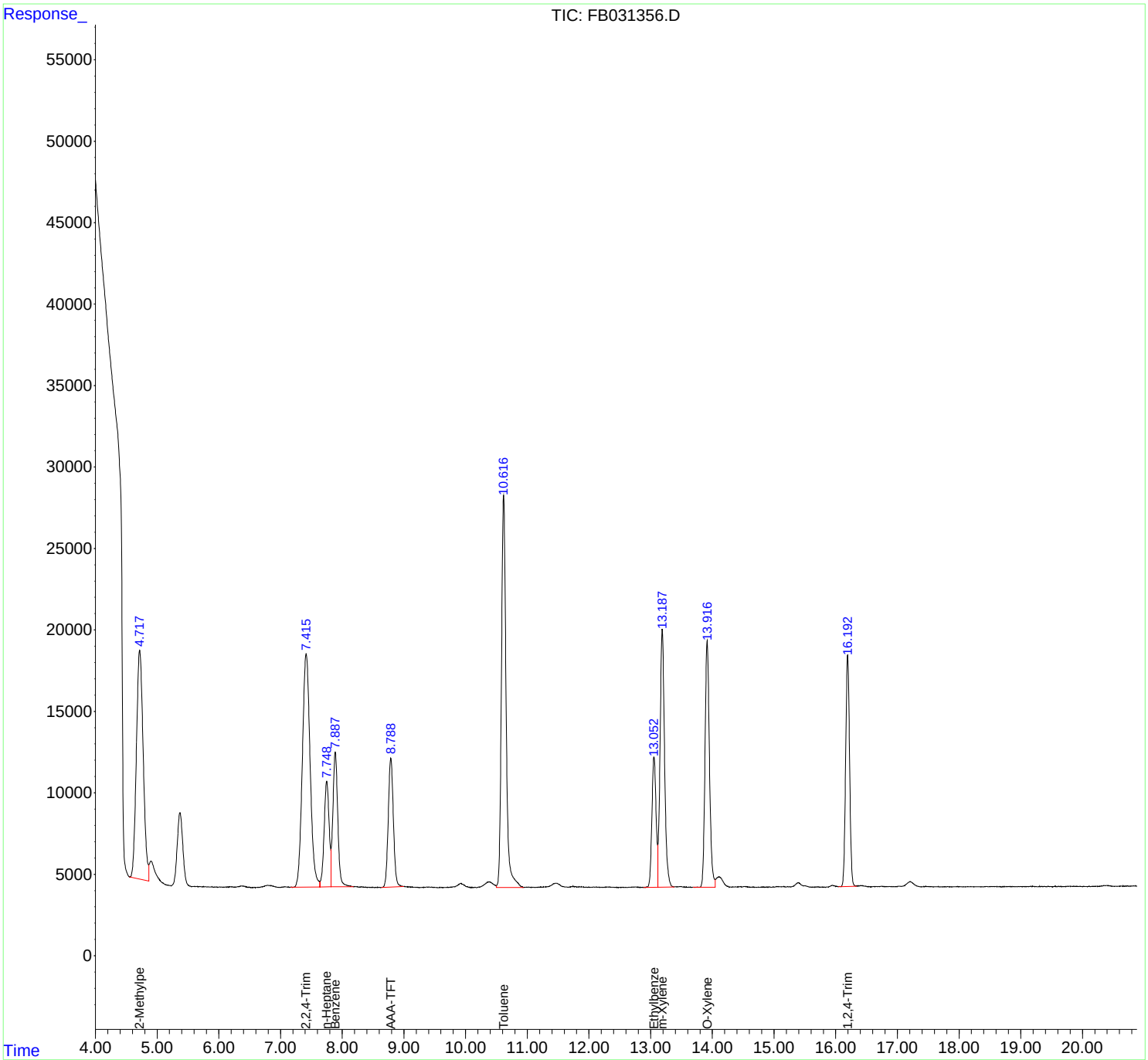
(f)=RT Delta > 1/2 Window (m)=manual int.

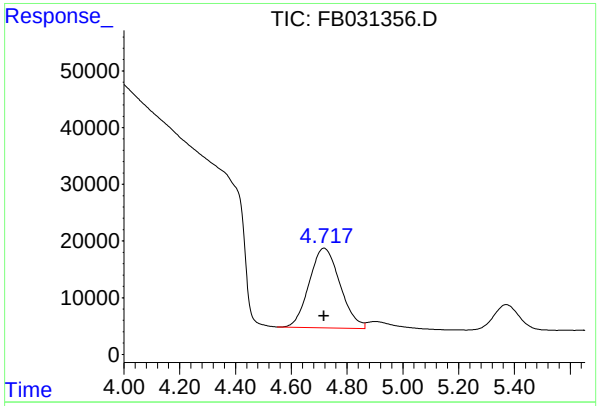
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031356.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 8:39
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jan 30 00:54:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

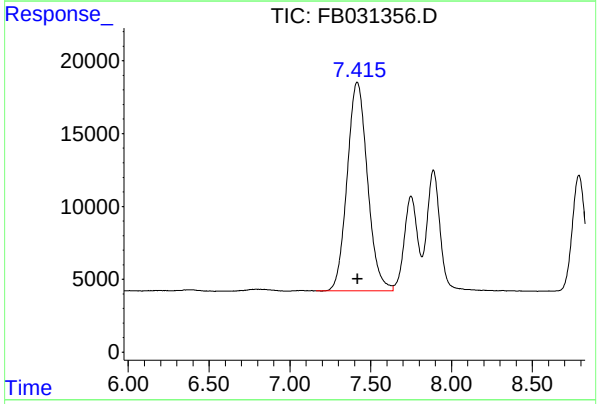




#1 2-Methylpentane

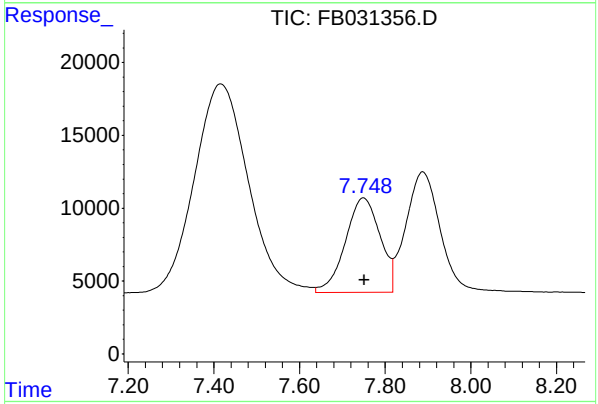
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 1077482
Conc: 32.51 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



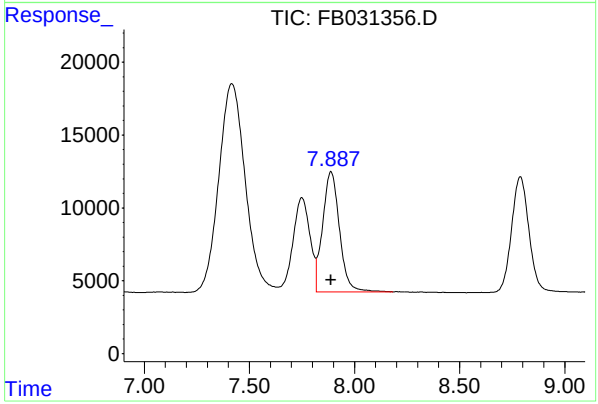
#2 2,2,4-Trimethylpentane

R.T.: 7.416 min
Delta R.T.: -0.004 min
Response: 1252352
Conc: 33.30 ng/ml



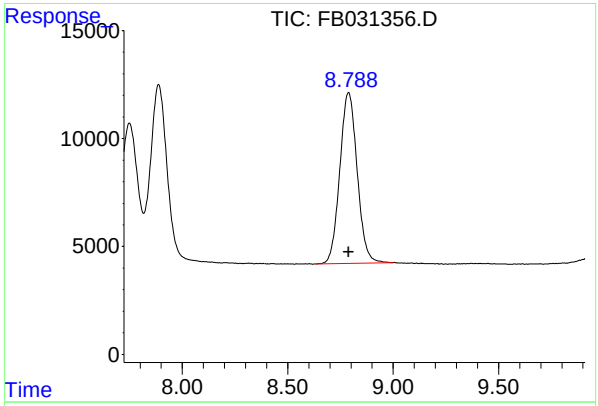
#3 n-Heptane

R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 365142
Conc: 10.11 ng/ml



#4 Benzene

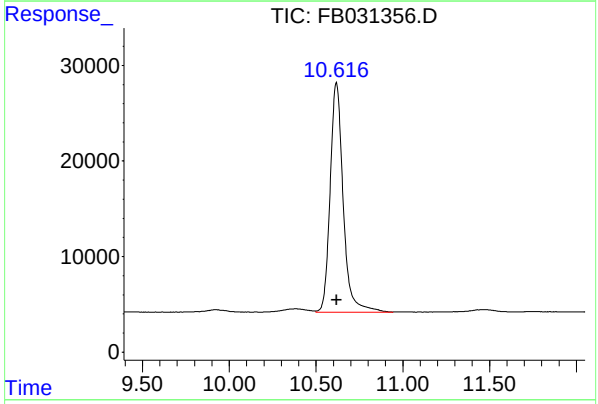
R.T.: 7.888 min
Delta R.T.: -0.002 min
Response: 462078
Conc: 10.85 ng/ml



#5 AAA-TFT

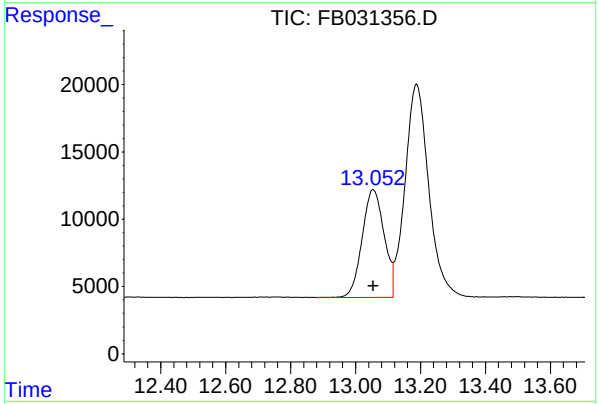
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 453909
Conc: 19.03 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



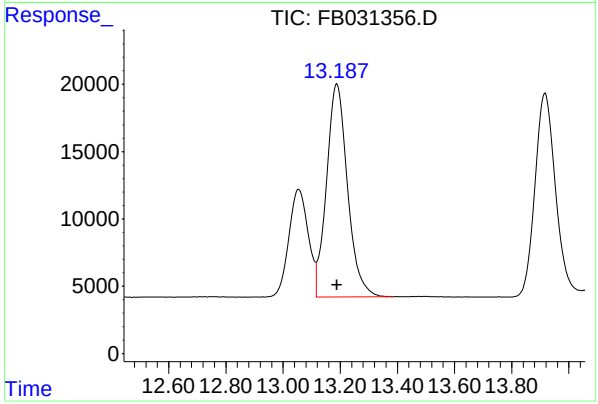
#6 Toluene

R.T.: 10.617 min
Delta R.T.: 0.000 min
Response: 1252023
Conc: 32.06 ng/ml



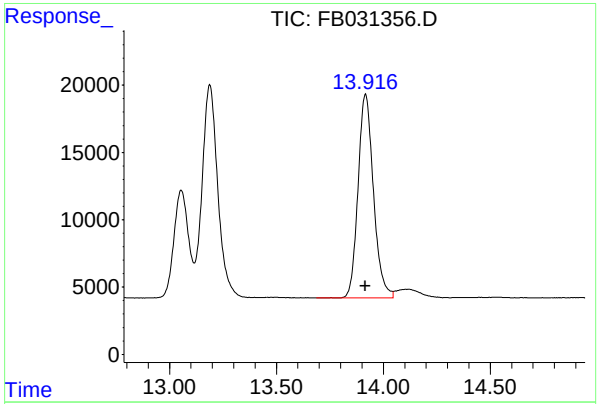
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 375855
Conc: 10.85 ng/ml



#8 m-Xylene

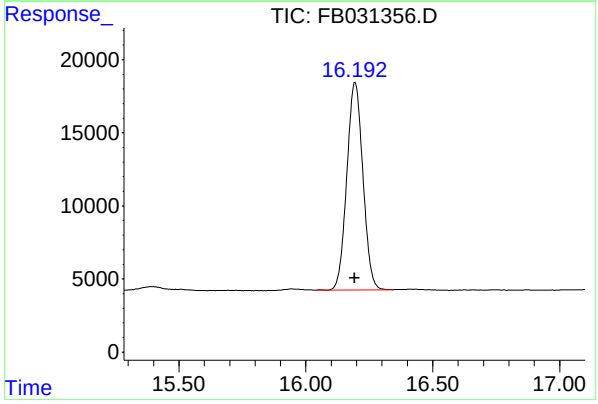
R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 804125
Conc: 21.51 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.000 min
Response: 756575
Conc: 21.24 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min
Delta R.T.: 0.002 min
Response: 625712
Conc: 22.09 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031356.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 8:39
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.718	4.548	4.864	BV	14048	1077482	86.04%	14.511%
2	7.416	7.161	7.638	PV	14327	1252352	100.00%	16.866%
3	7.750	7.638	7.818	VV	6489	365142	29.16%	4.918%
4	7.888	7.818	8.183	VV	8274	462078	36.90%	6.223%
5	8.789	8.634	8.999	BV	7932	453909	36.24%	6.113%
6	10.617	10.499	10.942	VV	24050	1252023	99.97%	16.862%
7	13.054	12.879	13.116	BV	8002	375855	30.01%	5.062%
8	13.188	13.116	13.385	VV	15835	804125	64.21%	10.830%
9	13.917	13.686	14.046	BV	15157	756575	60.41%	10.189%
10	16.194	16.041	16.344	PV	14213	625712	49.96%	8.427%

Sum of corrected areas: 7425252

FB011525.M Thu Jan 30 01:12:42 2025

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Fax : 908 789 8922

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION SUMMARY

20 PPB GRO STD

Lab Name: Chemtech Contract: RUTW01

ProjectID: NYCDDC SANTWOBR Brooklyn Bridge BBMCR

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG No.: Q1207

DataFile: FB031368.D Analyst Name: YP/AJ Analyst Date: 01-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6618938	36772	35852	2.566

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031368.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 14:34
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Integration File: Calibration.e
Quant Time: Jan 30 00:55:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	494305	20.723 ng/ml
Target Compounds				
1) t	2-Methylpentane	4.723	1018524	30.729 ng/ml
2) t	2,2,4-Trimethylpentane	7.427	1136016	30.207 ng/ml
3) t	n-Heptane	7.757	377778	10.465 ng/ml
4) t	Benzene	7.895	449792	10.561 ng/ml
6) t	Toluene	10.625	1239860	31.753 ng/ml
7) t	Ethylbenzene	13.062	352855	10.190 ng/ml
8) t	m-Xylene	13.196	759627	20.322 ng/ml
9) t	O-Xylene	13.922	719054	20.190 ng/mlm
10) t	1,2,4-Trimethylbenzene	16.200	565432	19.965 ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031368.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 14:34
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

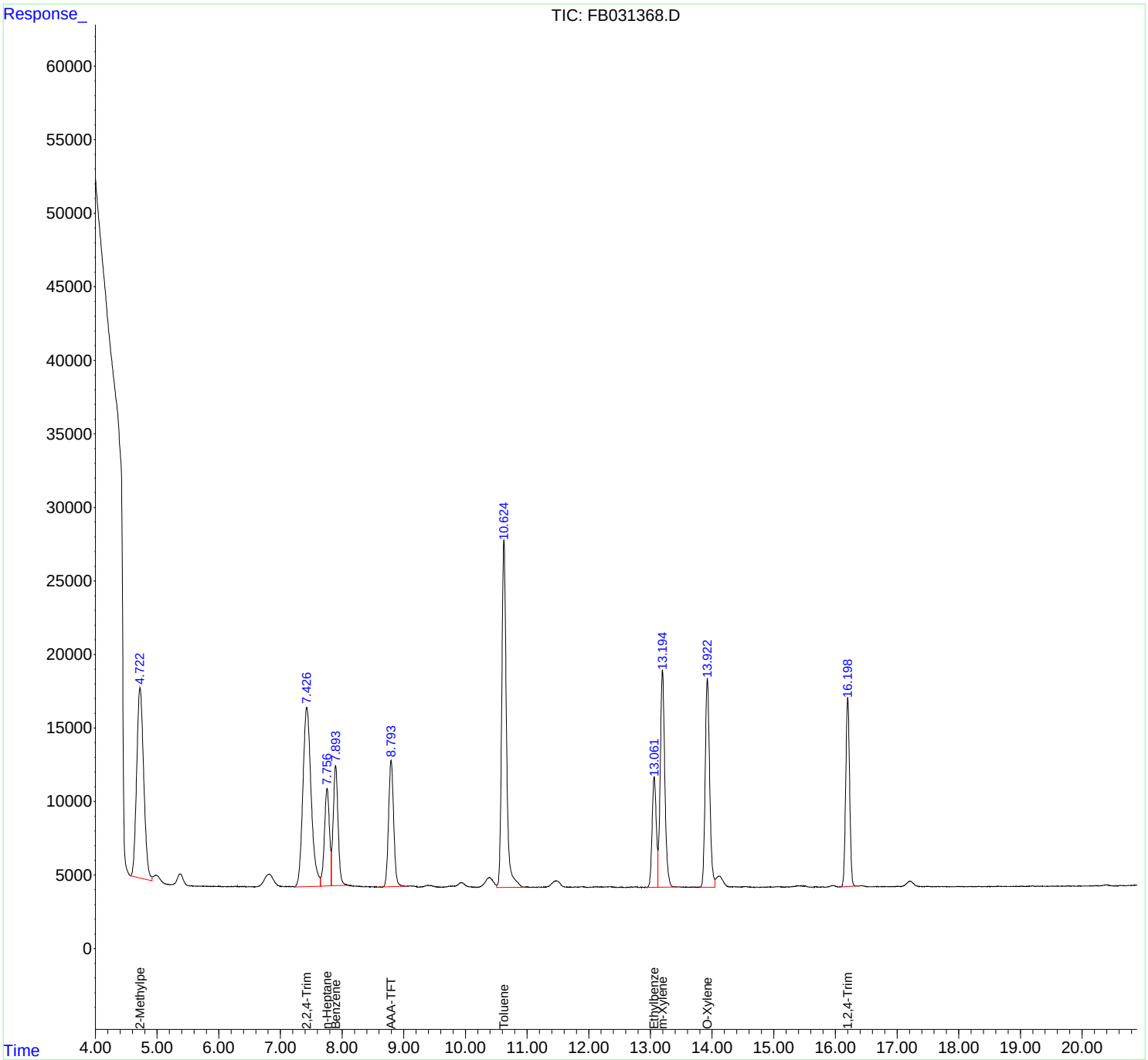
Integration File: Calibration.e
Quant Time: Jan 30 00:55:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

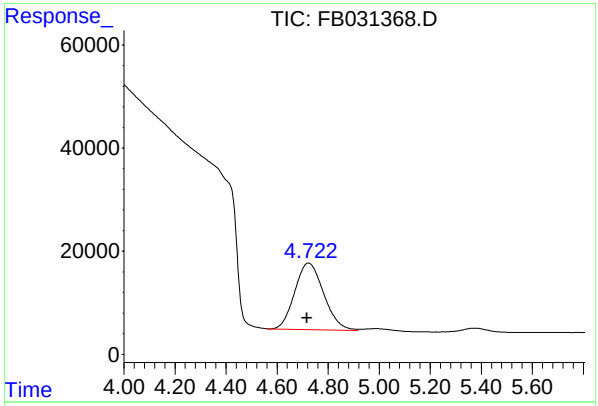
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025





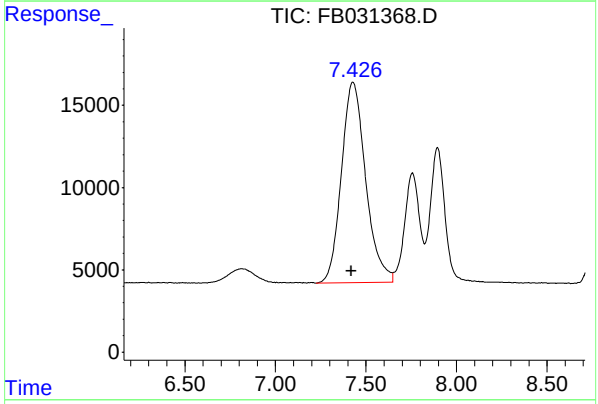
#1 2-Methylpentane

R.T.: 4.723 min
Delta R.T.: 0.005 min
Response: 1018524
Conc: 30.73 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

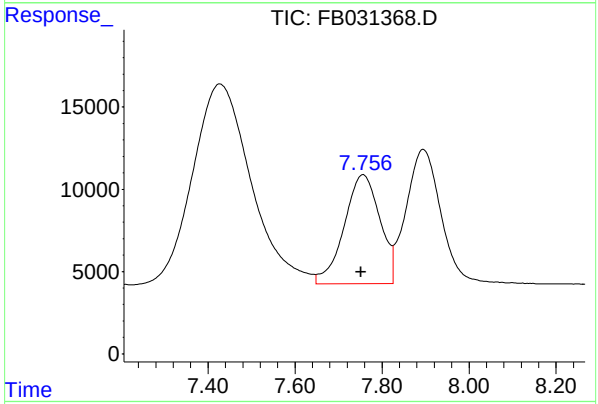
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



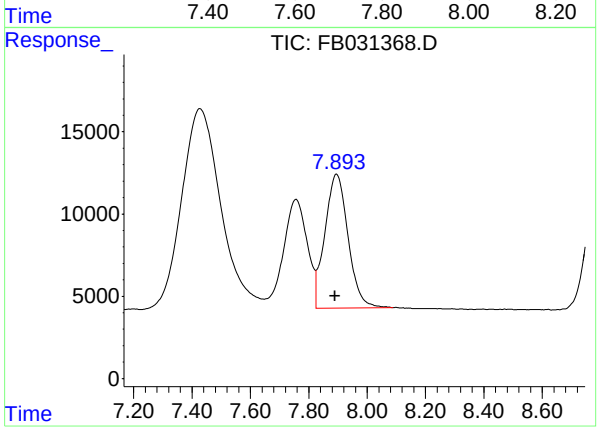
#2 2,2,4-Trimethylpentane

R.T.: 7.427 min
Delta R.T.: 0.008 min
Response: 1136016
Conc: 30.21 ng/ml



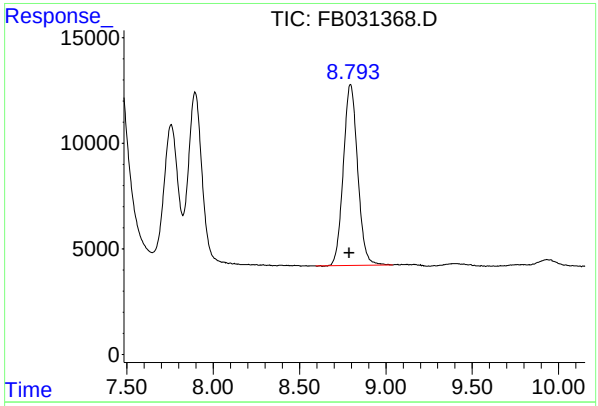
#3 n-Heptane

R.T.: 7.757 min
Delta R.T.: 0.006 min
Response: 377778
Conc: 10.47 ng/ml



#4 Benzene

R.T.: 7.895 min
Delta R.T.: 0.005 min
Response: 449792
Conc: 10.56 ng/ml



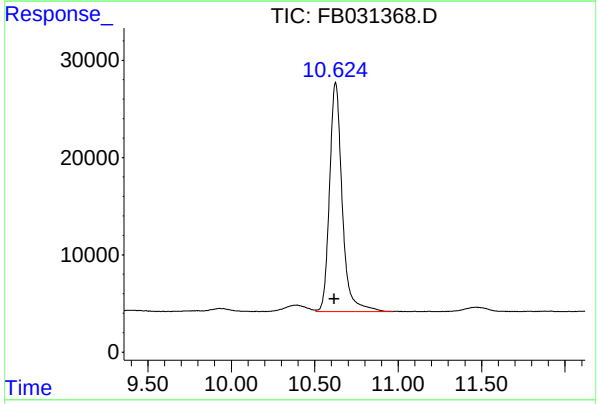
#5 AAA-TFT

R.T.: 8.795 min
Delta R.T.: 0.005 min
Response: 494305
Conc: 20.72 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

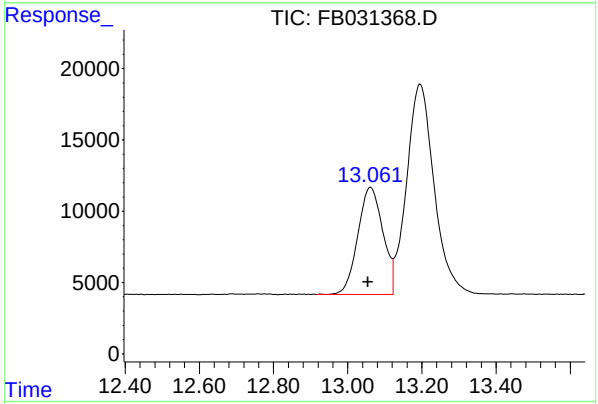
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



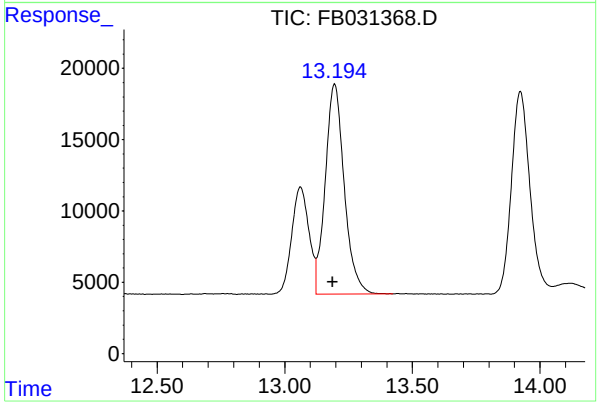
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.007 min
Response: 1239860
Conc: 31.75 ng/ml



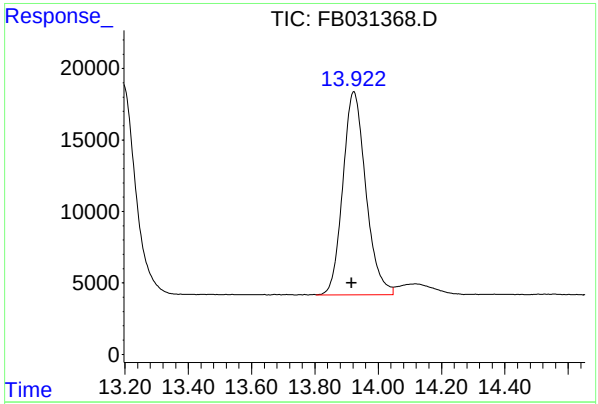
#7 Ethylbenzene

R.T.: 13.062 min
Delta R.T.: 0.008 min
Response: 352855
Conc: 10.19 ng/ml



#8 m-Xylene

R.T.: 13.196 min
Delta R.T.: 0.008 min
Response: 759627
Conc: 20.32 ng/ml



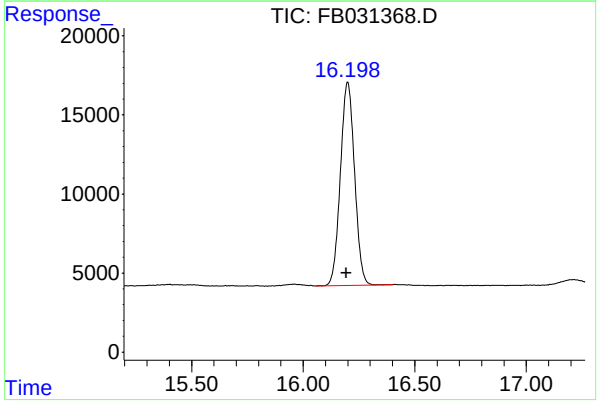
#9 O-Xylene

R.T.: 13.922 min
Delta R.T.: 0.006 min
Response: 719054
Conc: 20.19 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.200 min
Delta R.T.: 0.008 min
Response: 565432
Conc: 19.97 ng/ml

Instrument :
FID_B
LabSampleId :
20 PPB GRO STD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB01292
Data File : FB031368.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 14:34
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.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	4.559	4.916	BV	12926	1018524	82.15%	14.323%
2	7.427	7.223	7.648	PV	12192	1136016	91.62%	15.975%
3	7.757	7.648	7.825	VV	6634	377778	30.47%	5.312%
4	7.895	7.825	8.089	VV	8151	449792	36.28%	6.325%
5	8.795	8.595	9.041	BV	8577	494305	39.87%	6.951%
6	10.625	10.508	10.969	VV	23568	1239860	100.00%	17.435%
7	13.062	12.915	13.122	BV	7523	352855	28.46%	4.962%
8	13.196	13.122	13.424	VV	14752	759627	61.27%	10.682%
9	13.923	13.622	14.048	BV	14213	717081	57.84%	10.084%
10	16.200	16.057	16.403	PBA	12857	565432	45.60%	7.951%

Sum of corrected areas: 7111270

FB011525.M Thu Jan 30 01:18:35 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: RUTW01

ProjectID: NYCDDC SANTWOBR Brooklyn Bridge BBMCR

Lab Code: CHEM Case No.: Q1207 SAS No.: Q1207 SDG No.: Q1207

DataFile: FB031374.D Analyst Name: YP/AJ Analyst Date: 01-29-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6660371	37002	35852	3.208

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031374.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 17:15
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jan 30 00:56:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	478743	20.071	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.721	988724	29.830	ng/ml
2) t	2,2,4-Trimethylpentane	7.426	1169052	31.086	ng/ml
3) t	n-Heptane	7.756	375151	10.392	ng/ml
4) t	Benzene	7.894	464489	10.906	ng/ml
6) t	Toluene	10.623	1246208	31.916	ng/ml
7) t	Ethylbenzene	13.059	356062	10.282	ng/ml
8) t	m-Xylene	13.193	767335	20.528	ng/ml
9) t	O-Xylene	13.922	722806	20.296	ng/ml
10) t	1,2,4-Trimethylbenzene	16.198	570544	20.146	ng/ml

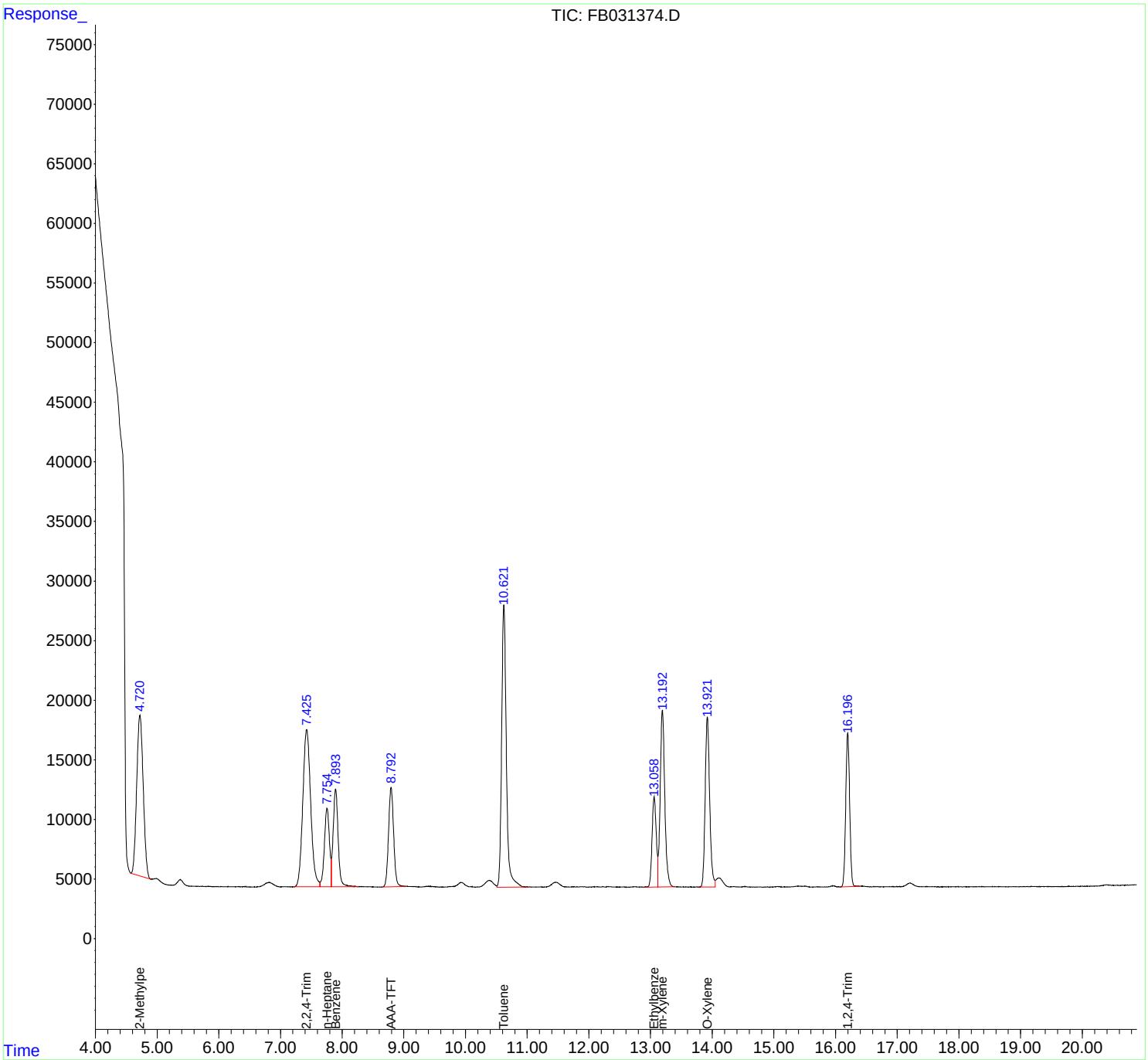
(f)=RT Delta > 1/2 Window (m)=manual int.

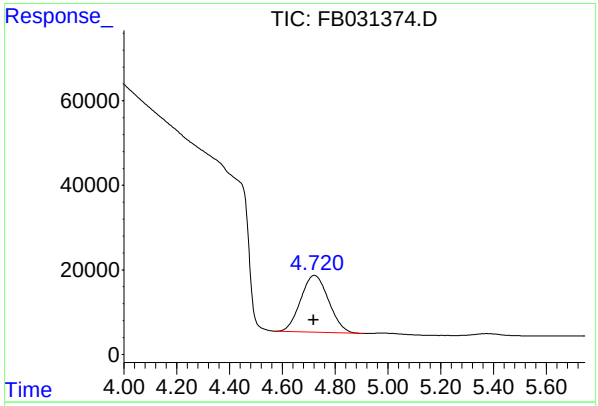
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031374.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 17:15
Operator : YP/AJ
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

Integration File: Calibration.e
Quant Time: Jan 30 00:56:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

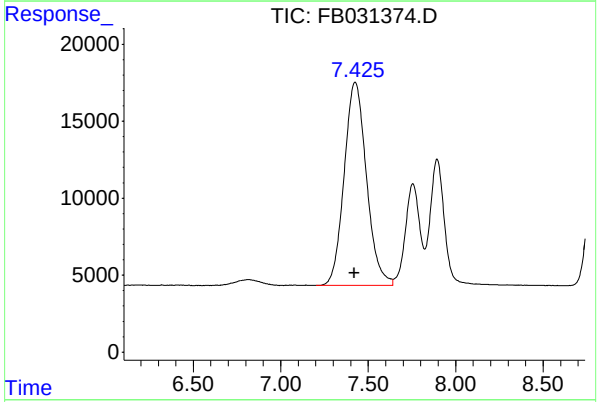




#1 2-Methylpentane

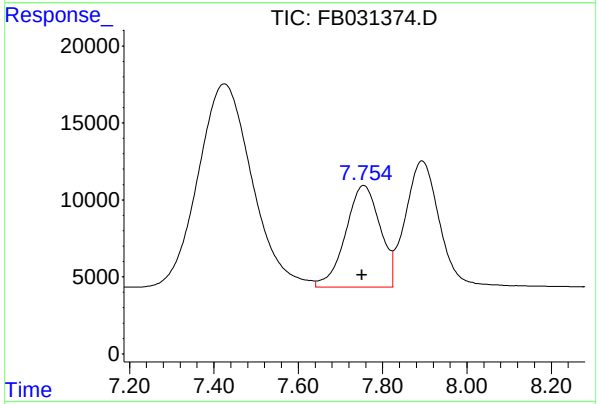
R.T.: 4.721 min
Delta R.T.: 0.003 min
Response: 988724
Conc: 29.83 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



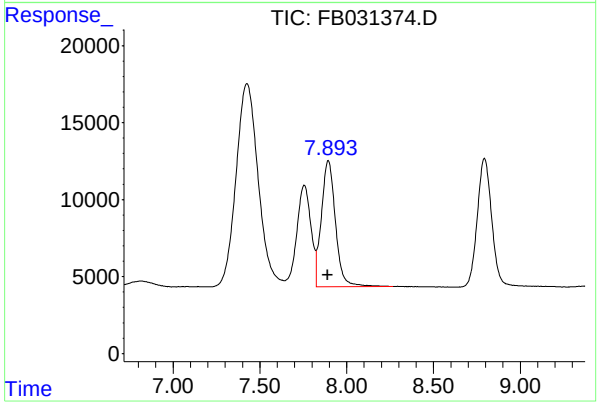
#2 2,2,4-Trimethylpentane

R.T.: 7.426 min
Delta R.T.: 0.006 min
Response: 1169052
Conc: 31.09 ng/ml



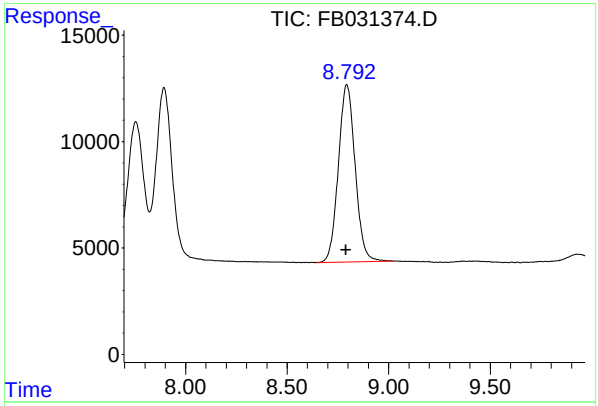
#3 n-Heptane

R.T.: 7.756 min
Delta R.T.: 0.004 min
Response: 375151
Conc: 10.39 ng/ml



#4 Benzene

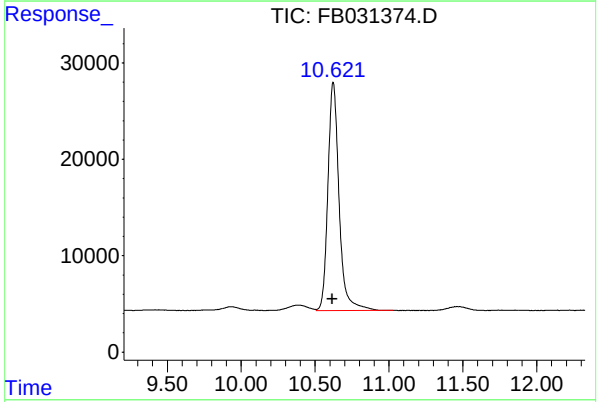
R.T.: 7.894 min
Delta R.T.: 0.004 min
Response: 464489
Conc: 10.91 ng/ml



#5 AAA-TFT

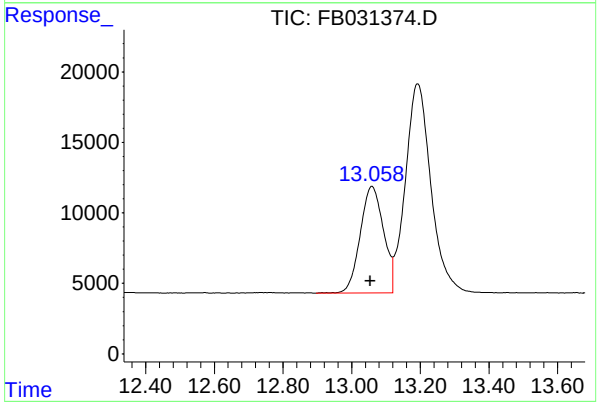
R.T.: 8.794 min
Delta R.T.: 0.004 min
Response: 478743
Conc: 20.07 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



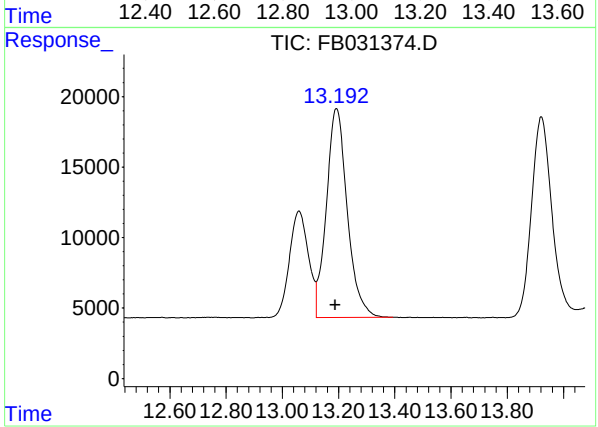
#6 Toluene

R.T.: 10.623 min
Delta R.T.: 0.005 min
Response: 1246208
Conc: 31.92 ng/ml



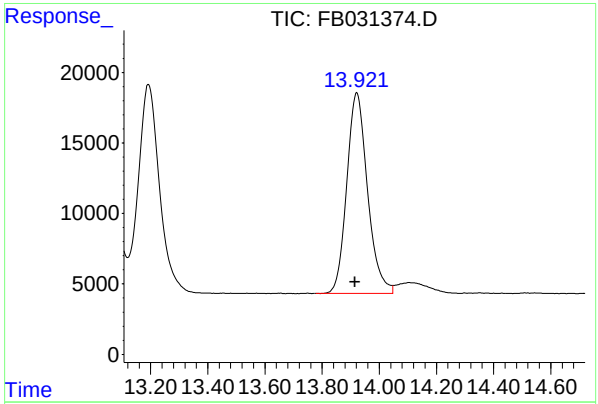
#7 Ethylbenzene

R.T.: 13.059 min
Delta R.T.: 0.005 min
Response: 356062
Conc: 10.28 ng/ml



#8 m-Xylene

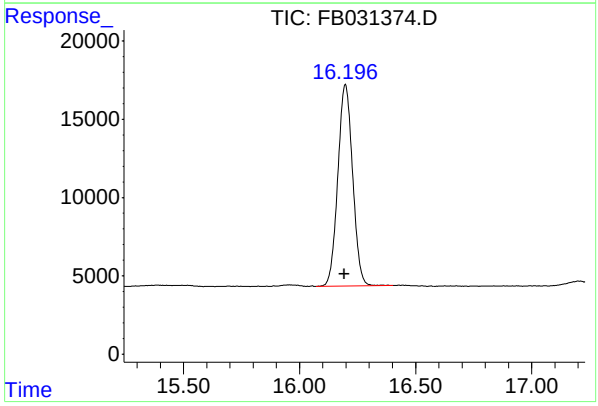
R.T.: 13.193 min
Delta R.T.: 0.005 min
Response: 767335
Conc: 20.53 ng/ml



#9 O-Xylene

R.T.: 13.922 min
Delta R.T.: 0.006 min
Response: 722806
Conc: 20.30 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.006 min
Response: 570544
Conc: 20.15 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031374.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 17:15
Sample : 20 PPB GRO STD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.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	4.571	4.907	BV	13470	988724	79.34%	13.849%
2	7.426	7.201	7.641	BV	13200	1169052	93.81%	16.375%
3	7.756	7.641	7.824	VV	6601	375151	30.10%	5.255%
4	7.894	7.824	8.267	VV	8199	464489	37.27%	6.506%
5	8.794	8.642	9.021	PV	8342	478743	38.42%	6.706%
6	10.623	10.507	11.028	VV	23691	1246208	100.00%	17.456%
7	13.059	12.896	13.120	BV	7575	356062	28.57%	4.987%
8	13.193	13.120	13.394	VV	14829	767335	61.57%	10.748%
9	13.922	13.778	14.047	BV	14254	722806	58.00%	10.125%
10	16.198	16.071	16.403	PBA	12888	570544	45.78%	7.992%

Sum of corrected areas: 7139115

FB011525.M Thu Jan 30 01:19:50 2025

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

Analytical Sequence

Client: RU2 Engineering, LLC **SDG No.:** Q1207

Project: NYCDDC SANTWOBR Brooklyn Bridge BBMCR **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 **8.7886**

EPA SAMPLE NO.	LAB SAMPLE ID	DATE AND TIME ANALYZED	DATAFILE	RT	#
20 PPB GRO STD	20 PPB GRO STD	29 Jan 2025 8:39	FB031356.D	8.789	
VBF0129S1	VBF0129S1	29 Jan 2025 9:17	FB031357.D	8.793	
BSF0129S1	BSF0129S1	29 Jan 2025 10:11	FB031359.D	8.796	
JPP-20.2-012725	Q1207-17	29 Jan 2025 10:49	FB031360.D	8.793	
JPP-2.1-012725	Q1207-01	29 Jan 2025 11:27	FB031361.D	8.794	
JPP-20.2-012725MS	Q1207-17MS	29 Jan 2025 11:54	FB031362.D	8.794	
JPP-20.2-012725MSD	Q1207-17MSD	29 Jan 2025 12:20	FB031363.D	8.794	
JPP-5.1-012725	Q1207-05	29 Jan 2025 12:47	FB031364.D	8.794	
JPP-16.2-012725	Q1207-13	29 Jan 2025 13:40	FB031366.D	8.795	
20 PPB GRO STD	20 PPB GRO STD	29 Jan 2025 14:34	FB031368.D	8.795	
JPP-4.5-012725	Q1207-09	29 Jan 2025 15:54	FB031371.D	8.794	
20 PPB GRO STD	20 PPB GRO STD	29 Jan 2025 17:15	FB031374.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)	8.6886	8.8886

QC SAMPLE DATA

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	
Client Sample ID:	VBF0129S1	SDG No.:	Q1207
Lab Sample ID:	VBF0129S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031357.D	1	01/29/25 9:17	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	45.0	U	8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.1		50 - 150	86%	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\FB012925\
Data File : FB031357.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 9:17
Operator : YP/AJ
Sample : VBF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0129S1

Integration File: Calibration.e
Quant Time: Jan 30 00:54:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	408277	17.117 ng/ml
Target Compounds			

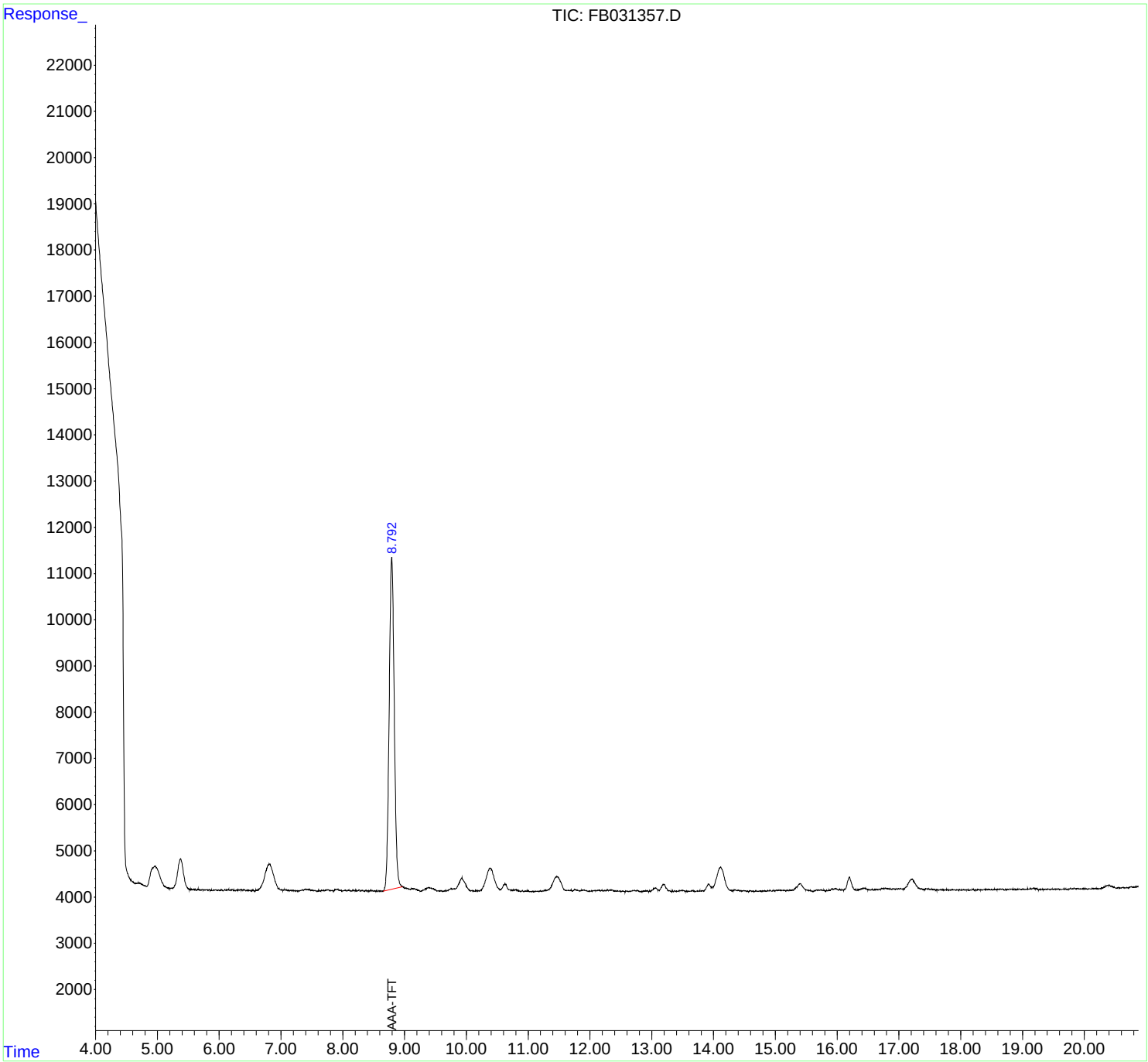
(f)=RT Delta > 1/2 Window (m)=manual int.

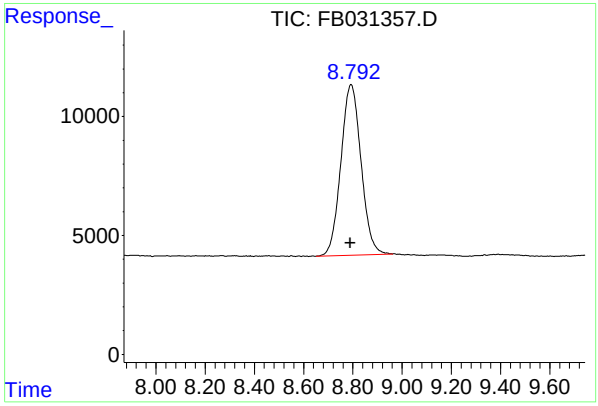
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031357.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 9:17
Operator : YP/AJ
Sample : VBF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
VBF0129S1

Integration File: Calibration.e
Quant Time: Jan 30 00:54:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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.: 8.793 min
Delta R.T.: 0.004 mi
Response: 408277
Conc: 17.12 ng/m

Instrument :
FID_B
ClientSampleId :
VBF0129S1

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031357.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 9:17
Sample : VBF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	8.793	8.650	8.963	PV	7183	408277	100.00%	100.000%
			Sum of corrected areas:			408277		

FB011525.M Thu Jan 30 01:12:57 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	
Client Sample ID:	BSF0129S1	SDG No.:	Q1207
Lab Sample ID:	BSF0129S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100 Decanted:
Sample Wt/Vol:	5 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031359.D	1	01/29/25 10:11	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	205		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.9		50 - 150	94%	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\FB012925\
Data File : FB031359.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:11
Operator : YP/AJ
Sample : BSF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0129S1

Integration File: Calibration.e
Quant Time: Jan 30 00:54:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	449771	18.856	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.725	1097270	33.104	ng/ml
2) t	2,2,4-Trimethylpentane	7.429	1275242	33.909	ng/ml
3) t	n-Heptane	7.758	422770	11.711	ng/ml
4) t	Benzene	7.897	507495	11.916	ng/ml
6) t	Toluene	10.625	1375333	35.223	ng/ml
7) t	Ethylbenzene	13.062	394134	11.382	ng/ml
8) t	m-Xylene	13.195	845835	22.628	ng/ml
9) t	O-Xylene	13.923	797770	22.401	ng/ml
10) t	1,2,4-Trimethylbenzene	16.200	631208	22.288	ng/ml

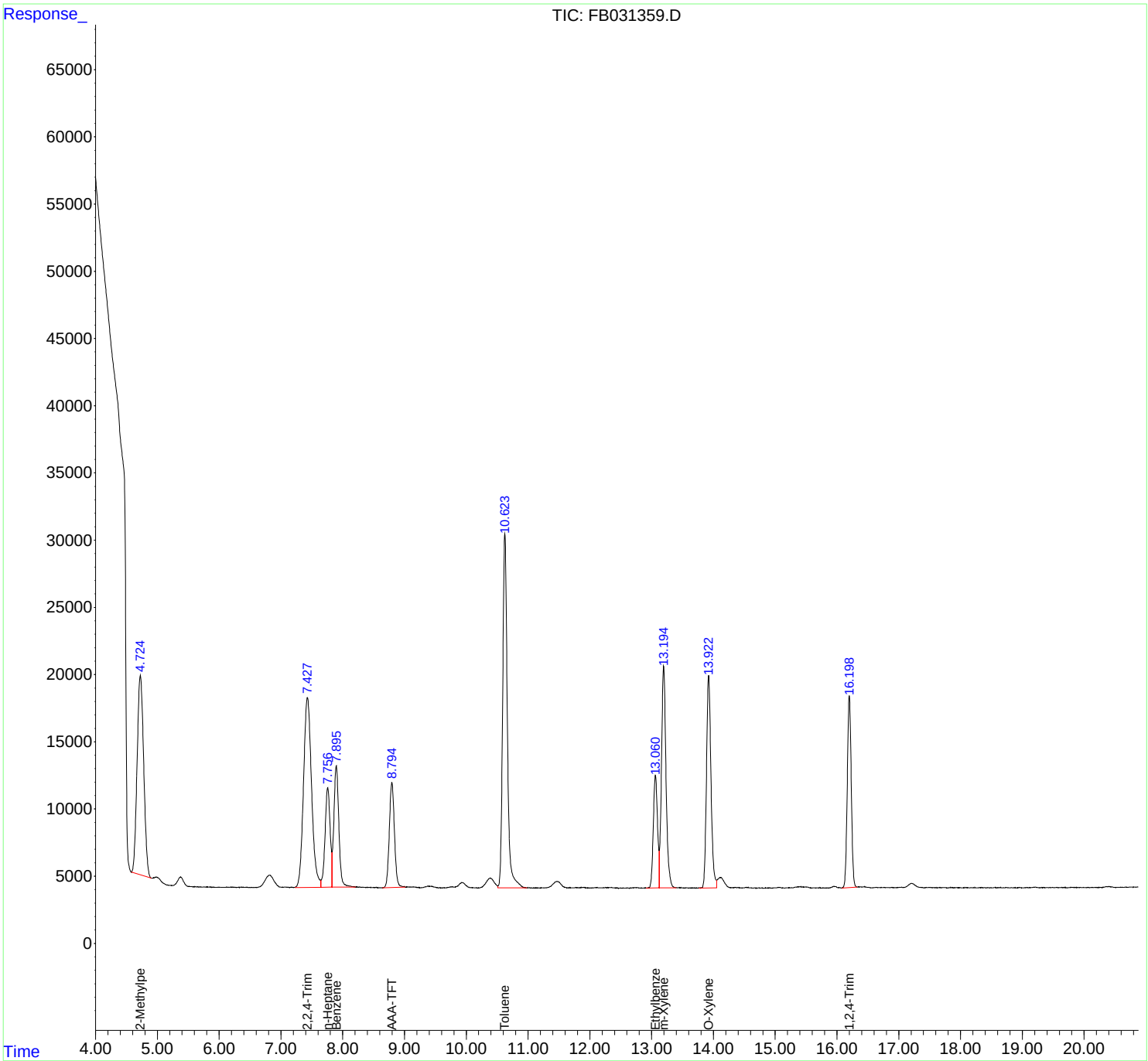
(f)=RT Delta > 1/2 Window (m)=manual int.

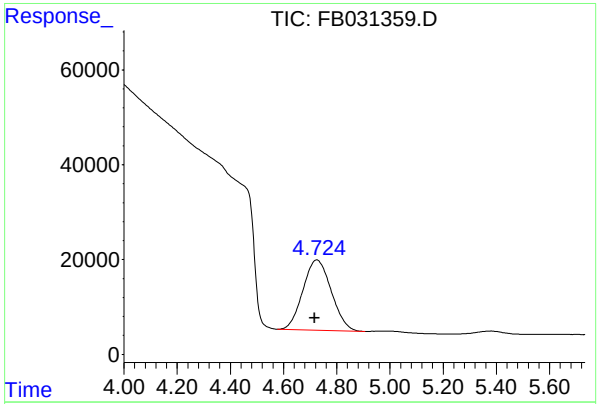
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031359.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:11
Operator : YP/AJ
Sample : BSF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
BSF0129S1

Integration File: Calibration.e
Quant Time: Jan 30 00:54:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

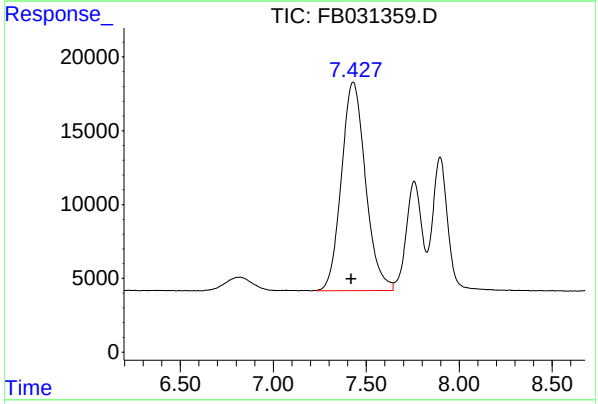




#1 2-Methylpentane

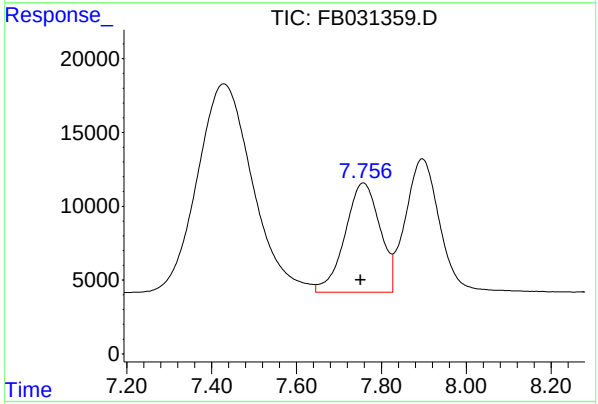
R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 1097270
Conc: 33.10 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0129S1



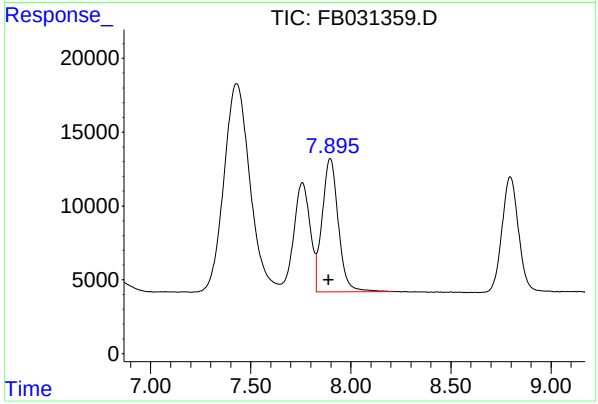
#2 2,2,4-Trimethylpentane

R.T.: 7.429 min
Delta R.T.: 0.009 min
Response: 1275242
Conc: 33.91 ng/ml



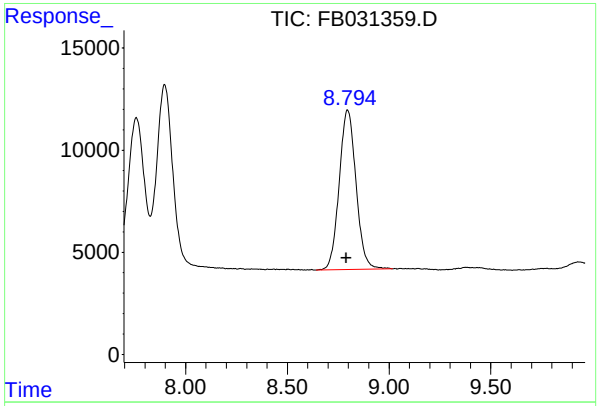
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.007 min
Response: 422770
Conc: 11.71 ng/ml



#4 Benzene

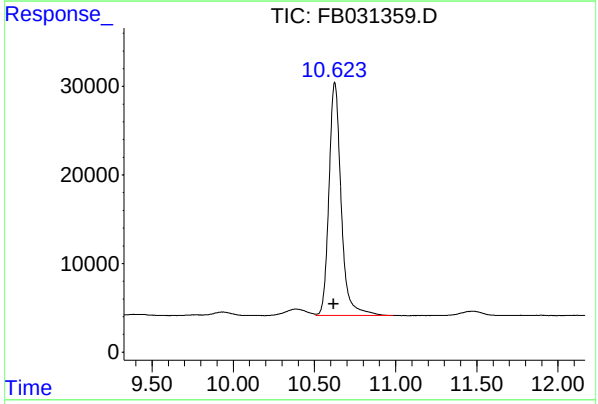
R.T.: 7.897 min
Delta R.T.: 0.007 min
Response: 507495
Conc: 11.92 ng/ml



#5 AAA-TFT

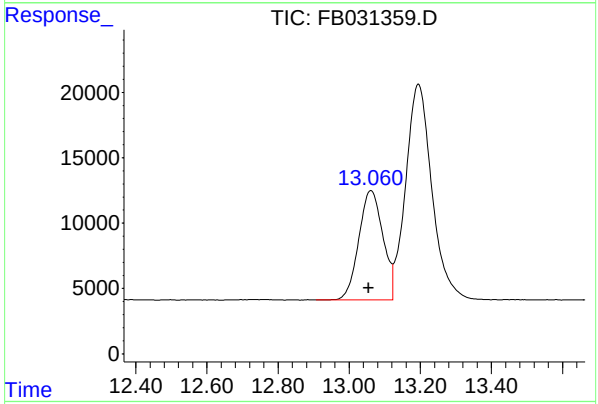
R.T.: 8.796 min
Delta R.T.: 0.006 min
Response: 449771
Conc: 18.86 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0129S1



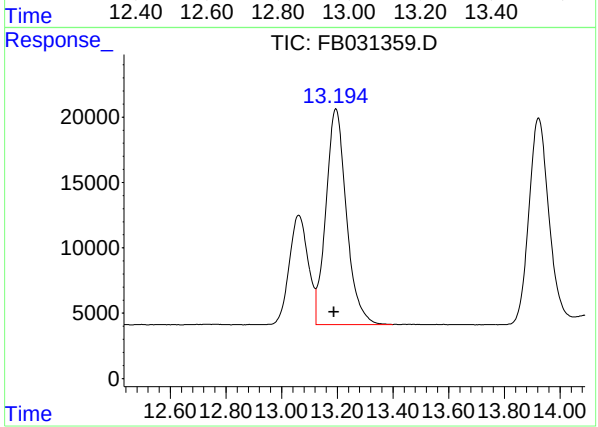
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.007 min
Response: 1375333
Conc: 35.22 ng/ml



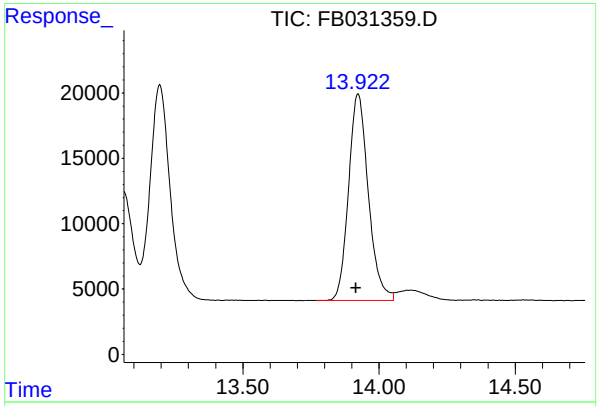
#7 Ethylbenzene

R.T.: 13.062 min
Delta R.T.: 0.007 min
Response: 394134
Conc: 11.38 ng/ml



#8 m-Xylene

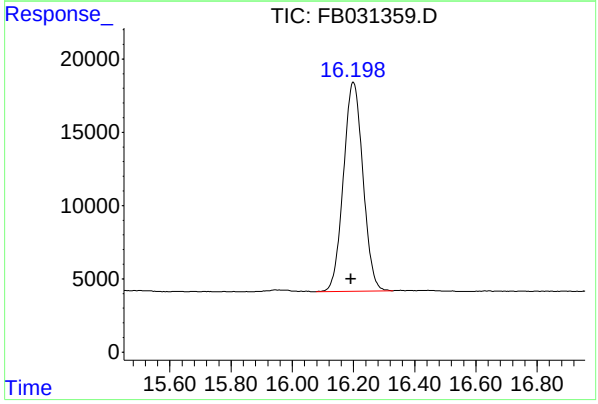
R.T.: 13.195 min
Delta R.T.: 0.007 min
Response: 845835
Conc: 22.63 ng/ml



#9 O-Xylene

R.T.: 13.923 min
Delta R.T.: 0.008 min
Response: 797770
Conc: 22.40 ng/ml

Instrument :
FID_B
ClientSampleId :
BSF0129S1



#10 1,2,4-Trimethylbenzene

R.T.: 16.200 min
Delta R.T.: 0.008 min
Response: 631208
Conc: 22.29 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031359.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 10:11
Sample : BSF0129S1
Misc : 5.00G/5.00 ML DI WATER
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.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	4.907	BV	14837	1097270	79.78%	14.073%
2	7.429	7.231	7.645	VV	14125	1275242	92.72%	16.356%
3	7.758	7.645	7.827	VV	7413	422770	30.74%	5.422%
4	7.897	7.827	8.211	VV	9036	507495	36.90%	6.509%
5	8.796	8.640	9.018	BV	7829	449771	32.70%	5.769%
6	10.625	10.510	10.983	VV	26329	1375333	100.00%	17.640%
7	13.062	12.907	13.123	BV	8373	394134	28.66%	5.055%
8	13.195	13.123	13.399	VV	16509	845835	61.50%	10.848%
9	13.923	13.770	14.052	BV	15812	797770	58.01%	10.232%
10	16.200	16.077	16.329	PV	14270	631208	45.89%	8.096%

Sum of corrected areas: 7796829

FB011525.M Thu Jan 30 01:13:42 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-20.2-012725MS	SDG No.:	Q1207
Lab Sample ID:	Q1207-17MS	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.1 Decanted:
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031362.D	1	01/29/25 11:54	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	188		9.00	51.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.1		50 - 150	95%	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\FB012925\
Data File : FB031362.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:54
Operator : YP/AJ
Sample : Q1207-17MS
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Integration File: Calibration.e
Quant Time: Jan 30 00:54:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	454427	19.051	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.710	1208236	36.452	ng/mlm
2) t	2,2,4-Trimethylpentane	7.423	1062351	28.248	ng/ml
3) t	n-Heptane	7.753	343755	9.523	ng/ml
4) t	Benzene	7.894	442426	10.388	ng/ml
6) t	Toluene	10.625	1172585	30.030	ng/ml
7) t	Ethylbenzene	13.064	329352	9.511	ng/ml
8) t	m-Xylene	13.198	710294	19.002	ng/ml
9) t	O-Xylene	13.926	656050	18.421	ng/ml
10) t	1,2,4-Trimethylbenzene	16.202	478549	16.897	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031362.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:54
Operator : YP/AJ
Sample : Q1207-17MS
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

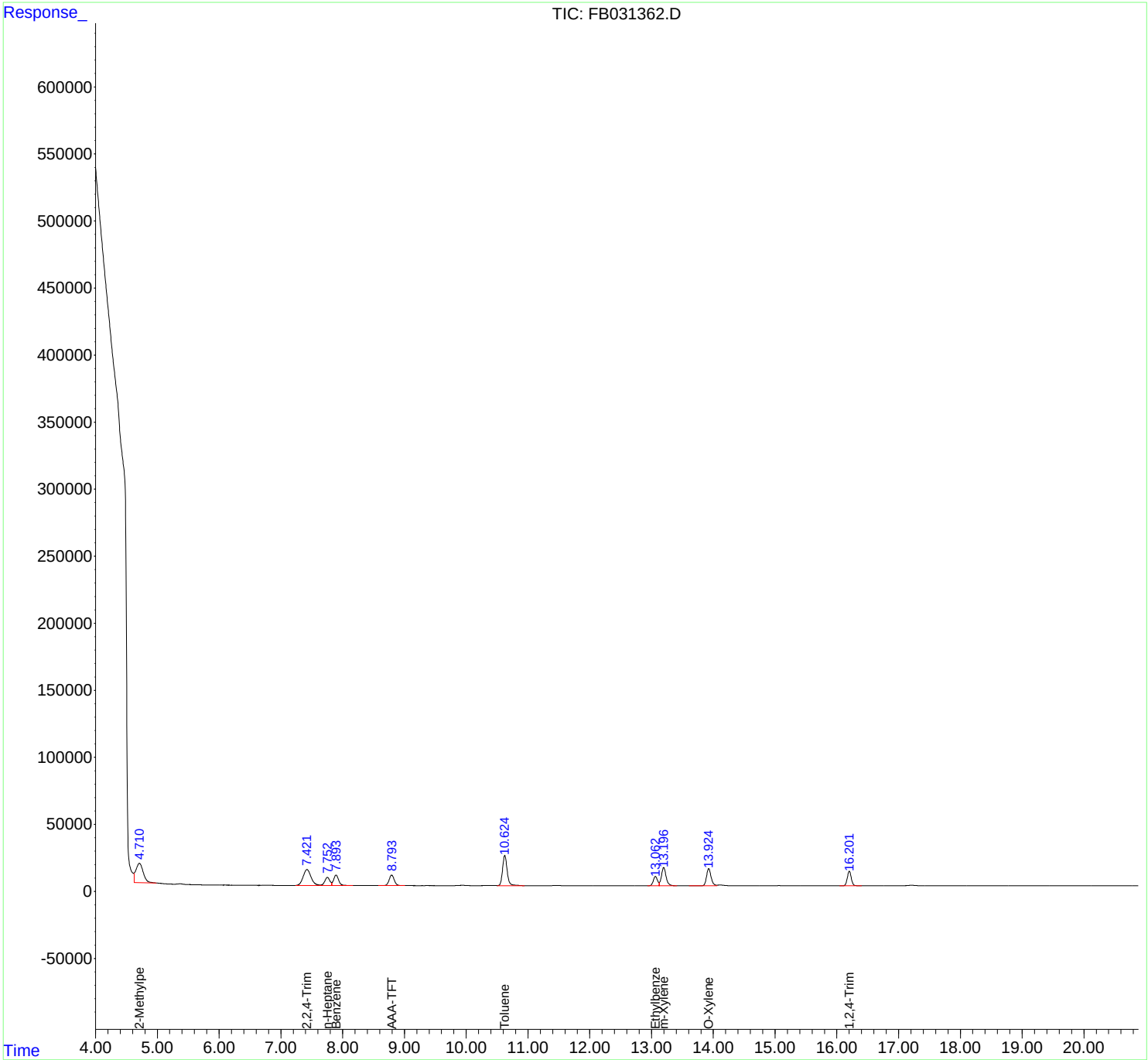
Integration File: Calibration.e
Quant Time: Jan 30 00:54:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

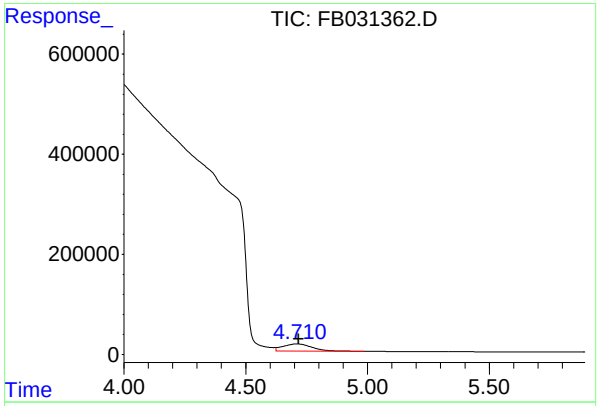
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025





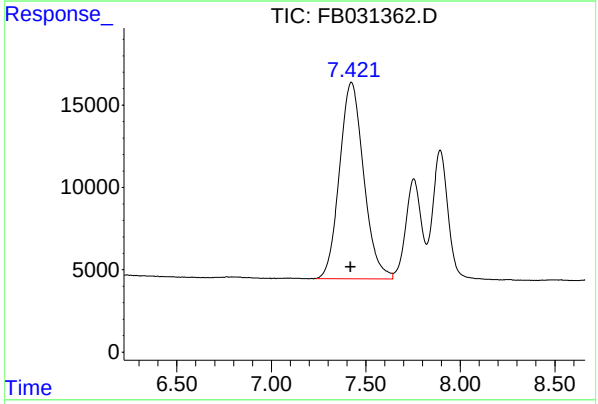
#1 2-Methylpentane

R.T.: 4.710 min
Delta R.T.: -0.008 min
Response: 1208236
Conc: 36.45 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

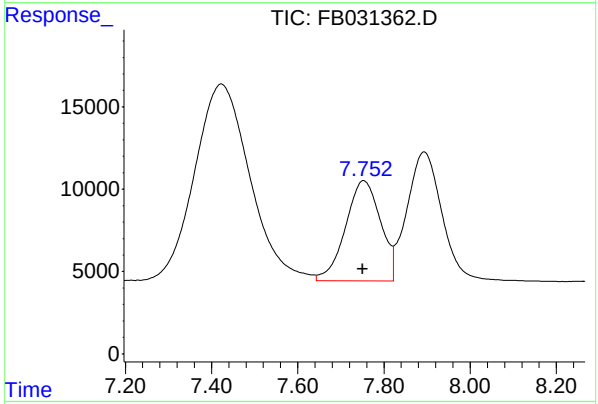
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



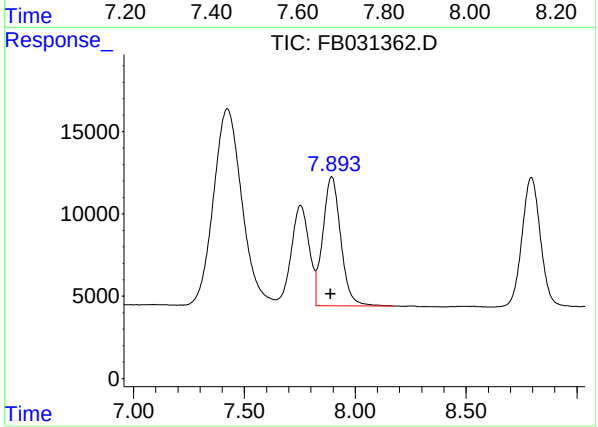
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min
Delta R.T.: 0.003 min
Response: 1062351
Conc: 28.25 ng/ml



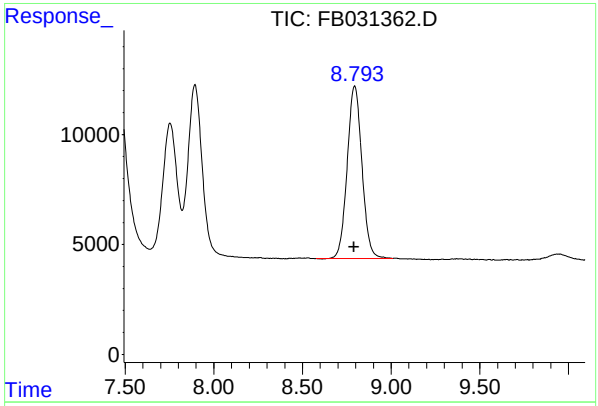
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 343755
Conc: 9.52 ng/ml



#4 Benzene

R.T.: 7.894 min
Delta R.T.: 0.004 min
Response: 442426
Conc: 10.39 ng/ml



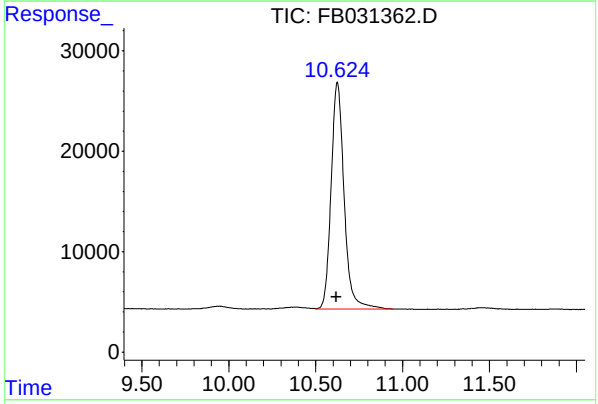
#5 AAA-TFT

R.T.: 8.794 min
Delta R.T.: 0.005 min
Response: 454427
Conc: 19.05 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

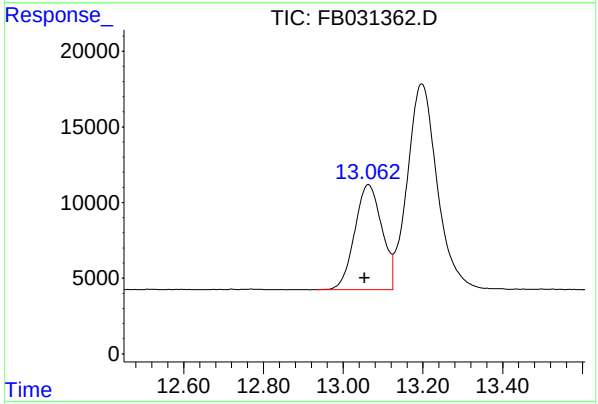
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



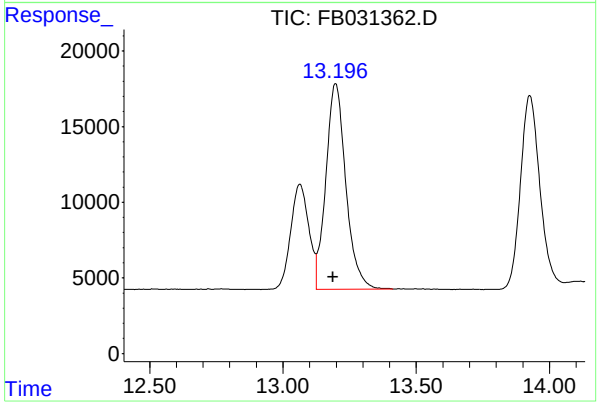
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.007 min
Response: 1172585
Conc: 30.03 ng/ml



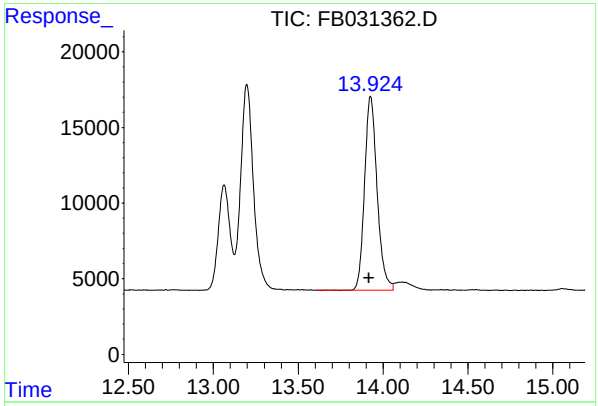
#7 Ethylbenzene

R.T.: 13.064 min
Delta R.T.: 0.009 min
Response: 329352
Conc: 9.51 ng/ml



#8 m-Xylene

R.T.: 13.198 min
Delta R.T.: 0.009 min
Response: 710294
Conc: 19.00 ng/ml



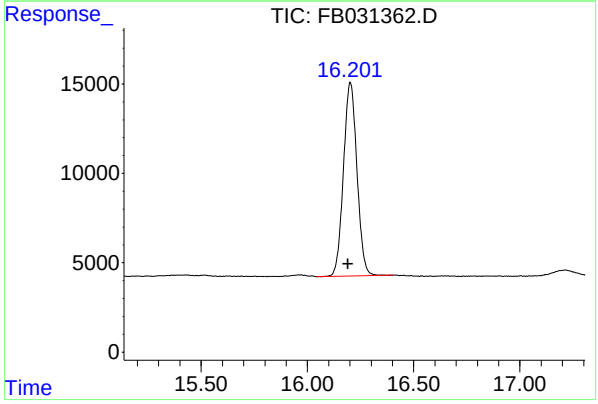
#9 O-Xylene

R.T.: 13.926 min
Delta R.T.: 0.011 min
Response: 656050
Conc: 18.42 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.202 min
Delta R.T.: 0.010 min
Response: 478549
Conc: 16.90 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB01292
Data File : FB031362.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 11:54
Sample : Q1207-17MS
Misc : 5.01G/5.00 ML DI WATER
ALS Vial : 7 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.711	4.587	5.284	BV	7896	-264624	-22.38%	-4.127%
2	5.581	5.573	5.651	PV	21	373	0.03%	0.006%
3	5.664	5.651	5.735	PV	24	685	0.06%	0.011%
4	5.741	5.735	5.819	VV	16	378	0.03%	0.006%
5	5.833	5.819	5.898	VV	22	567	0.05%	0.009%
6	5.909	5.898	5.934	VV	32	341	0.03%	0.005%
7	5.944	5.934	5.996	PV	29	467	0.04%	0.007%
8	6.032	5.996	6.072	PV	34	948	0.08%	0.015%
9	6.088	6.072	6.126	VV	33	946	0.08%	0.015%
10	6.137	6.126	6.152	VV	56	593	0.05%	0.009%
11	6.169	6.152	6.185	VV	58	885	0.07%	0.014%
12	6.193	6.185	6.198	VV	46	336	0.03%	0.005%
13	6.205	6.198	6.227	VV	61	783	0.07%	0.012%
14	6.236	6.227	6.285	VV	54	1009	0.09%	0.016%
15	6.290	6.285	6.310	VV	37	295	0.02%	0.005%
16	6.329	6.310	6.350	VV	32	474	0.04%	0.007%
17	6.366	6.350	6.389	VV	22	424	0.04%	0.007%
18	6.399	6.389	6.418	VV	30	267	0.02%	0.004%
19	6.426	6.418	6.437	VV	23	114	0.01%	0.002%
20	6.450	6.437	6.505	PV	17	445	0.04%	0.007%
21	6.510	6.505	6.521	PV	13	76	0.01%	0.001%
22	6.544	6.521	6.553	VV	18	199	0.02%	0.003%
23	6.561	6.553	6.569	VV	13	99	0.01%	0.002%
24	6.579	6.569	6.608	VV	24	338	0.03%	0.005%
25	6.616	6.608	6.625	VV	27	103	0.01%	0.002%
26	6.634	6.625	6.639	PV	13	56	0.00%	0.001%
27	6.644	6.639	6.677	VV	16	232	0.02%	0.004%
28	6.722	6.677	6.736	VV	40	907	0.08%	0.014%
29	6.765	6.736	6.786	VV	76	1614	0.14%	0.025%
30	6.806	6.786	6.815	VV	73	1218	0.10%	0.019%
31	6.820	6.815	6.872	VV	69	1790	0.15%	0.028%
32	6.880	6.872	6.949	VV	48	1286	0.11%	0.020%
33	6.958	6.949	7.001	VV	29	427	0.04%	0.007%
34	7.018	7.001	7.028	PV	29	233	0.02%	0.004%
35	7.035	7.028	7.050	PV	21	200	0.02%	0.003%
36	7.071	7.050	7.081	VV	30	388	0.03%	0.006%

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

					rteres			
37	7.089	7.081	7.125	VV	33	788	0.07%	0.012%
38	7.145	7.125	7.198	VV	33	817	0	
39	7.214	7.198	7.223	VV	27	224	0	
40	7.423	7.223	7.642	VV	11962	1067522	90	
41	7.753	7.642	7.822	VV	6116	346349	29	
42	7.894	7.822	8.209	VV	7884	449709	38	
43	8.261	8.209	8.409	VV	44	2235	0.19%	0.035%
44	8.484	8.409	8.520	PV	40	1768	0.15%	0.028%
45	8.532	8.520	8.614	VV	48	1183	0.10%	0.018%
46	8.794	8.614	9.011	VV	7894	462153	39.09%	7.207%
47	9.029	9.011	9.269	VV	61	3903	0.33%	0.061%
48	9.291	9.269	9.308	VV	35	469	0.04%	0.007%
49	9.369	9.308	9.539	VV	53	4517	0.38%	0.070%
50	9.554	9.539	9.610	PV	31	549	0.05%	0.009%
51	9.653	9.610	9.688	VV	34	710	0.06%	0.011%
52	9.709	9.688	9.731	PV	35	417	0.04%	0.007%
53	9.939	9.731	10.109	VV	286	25644	2.17%	0.400%
54	10.145	10.109	10.162	VV	38	923	0.08%	0.014%
55	10.198	10.162	10.216	VV	46	1115	0.09%	0.017%
56	10.387	10.216	10.502	VV	216	21587	1.83%	0.337%
57	10.625	10.502	11.071	VV	22604	1182283	100.00%	18.438%
58	11.084	11.071	11.118	VV	20	412	0.03%	0.006%
59	11.142	11.118	11.162	VV	19	402	0.03%	0.006%
60	11.175	11.162	11.248	VV	19	922	0.08%	0.014%
61	11.347	11.248	11.361	VV	67	1863	0.16%	0.029%
62	11.454	11.361	11.643	VV	186	16850	1.43%	0.263%
63	11.655	11.643	11.683	VV	36	716	0.06%	0.011%
64	11.750	11.683	11.809	VV	40	2441	0.21%	0.038%
65	11.875	11.809	11.968	VV	60	3940	0.33%	0.061%
66	11.988	11.968	12.013	PV	27	452	0.04%	0.007%
67	12.034	12.013	12.046	VV	26	369	0.03%	0.006%
68	12.083	12.046	12.105	VV	35	872	0.07%	0.014%
69	12.115	12.105	12.130	VV	32	370	0.03%	0.006%
70	12.159	12.130	12.238	VV	33	1313	0.11%	0.020%
71	12.253	12.238	12.267	VV	25	313	0.03%	0.005%
72	12.325	12.267	12.344	VV	28	962	0.08%	0.015%
73	12.360	12.344	12.402	VV	32	547	0.05%	0.009%
74	12.431	12.402	12.444	VV	18	352	0.03%	0.005%
75	12.461	12.444	12.492	VV	26	539	0.05%	0.008%
76	12.512	12.492	12.550	VV	41	888	0.08%	0.014%
77	12.597	12.550	12.701	VV	37	2063	0.17%	0.032%
78	12.721	12.701	12.735	VV	50	573	0.05%	0.009%
79	12.769	12.735	12.859	VV	58	1923	0.16%	0.030%
80	12.898	12.859	12.918	VV	26	607	0.05%	0.009%
81	13.064	12.918	13.124	VV	6972	330847	27.98%	5.160%
82	13.198	13.124	13.418	VV	13623	716260	60.58%	11.170%
83	13.435	13.418	13.486	VV	57	1843	0.16%	0.029%
84	13.498	13.486	13.647	VV	56	2984	0.25%	0.047%
85	13.664	13.647	13.689	VV	29	543	0.05%	0.008%
86	13.713	13.689	13.753	VV	31	696	0.06%	0.011%
87	13.926	13.753	14.059	VV	12836	661489	55.95%	10.316%
88	14.110	14.059	14.290	VV	556	43074	3.64%	0.672%
89	14.342	14.290	14.358	VV	54	1821	0.15%	0.028%

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

rteres

90	14.373	14.358	14.398	VV	51	1072	0.09%	0.017%
91	14.426	14.398	14.473	VV	44	1429		
92	14.524	14.473	14.623	VV	68	3155		
93	14.668	14.623	14.705	VV	39	873		
94	14.729	14.705	14.755	PV	43	1106		
95	14.777	14.755	14.799	VV	92	2128		
96	14.818	14.799	14.841	VV	123	2921	0.25%	0.046%
97	14.874	14.841	14.890	VV	183	4711	0.40%	0.073%
98	14.907	14.890	14.925	VV	204	4052	0.34%	0.063%
99	14.936	14.925	14.960	VV	233	4791	0.41%	0.075%
100	15.057	14.960	15.167	VV	438	46381	3.92%	0.723%
101	15.209	15.167	15.224	VV	489	16027	1.36%	0.250%
102	15.244	15.224	15.275	VV	522	15657	1.32%	0.244%
103	15.411	15.275	15.490	VV	721	86108	7.28%	1.343%
104	15.512	15.490	15.597	VV	801	51298	4.34%	0.800%
105	15.626	15.597	15.679	VV	845	41731	3.53%	0.651%
106	15.689	15.679	15.773	VV	900	52426	4.43%	0.818%
107	15.786	15.773	15.806	VV	973	18830	1.59%	0.294%
108	15.849	15.806	15.866	VV	1033	36914	3.12%	0.576%
109	15.961	15.866	16.071	VV	1217	143223	12.11%	2.234%
110	16.202	16.071	16.339	VV	12201	697298	58.98%	10.874%
111	16.349	16.339	16.403	VBA	1552	51171	4.33%	0.798%
			Sum of corrected areas:			6412289		

FB011525.M Thu Jan 30 01:22:29 2025

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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/27/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/28/25
Client Sample ID:	JPP-20.2-012725MSD	SDG No.:	Q1207
Lab Sample ID:	Q1207-17MSD	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.1 Decanted:
Sample Wt/Vol:	5.05 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031363.D	1	01/29/25 12:20	FB012925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	185		9.00	51.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.4		50 - 150	92%	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\FB012925\
Data File : FB031363.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:20
Operator : YP/AJ
Sample : Q1207-17MSD
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Integration File: Calibration.e
Quant Time: Jan 30 00:54:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 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	439712	18.434	ng/ml
	Target Compounds				
1) t	2-Methylpentane	4.712	1219722	36.799	ng/mlm
2) t	2,2,4-Trimethylpentane	7.424	1078463	28.677	ng/ml
3) t	n-Heptane	7.754	350406	9.707	ng/ml
4) t	Benzene	7.895	440681	10.347	ng/ml
6) t	Toluene	10.625	1189086	30.453	ng/ml
7) t	Ethylbenzene	13.063	331229	9.565	ng/ml
8) t	m-Xylene	13.197	720307	19.270	ng/ml
9) t	O-Xylene	13.926	670255	18.820	ng/ml
10) t	1,2,4-Trimethylbenzene	16.202	491148	17.342	ng/ml

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

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB012925\
Data File : FB031363.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:20
Operator : YP/AJ
Sample : Q1207-17MSD
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

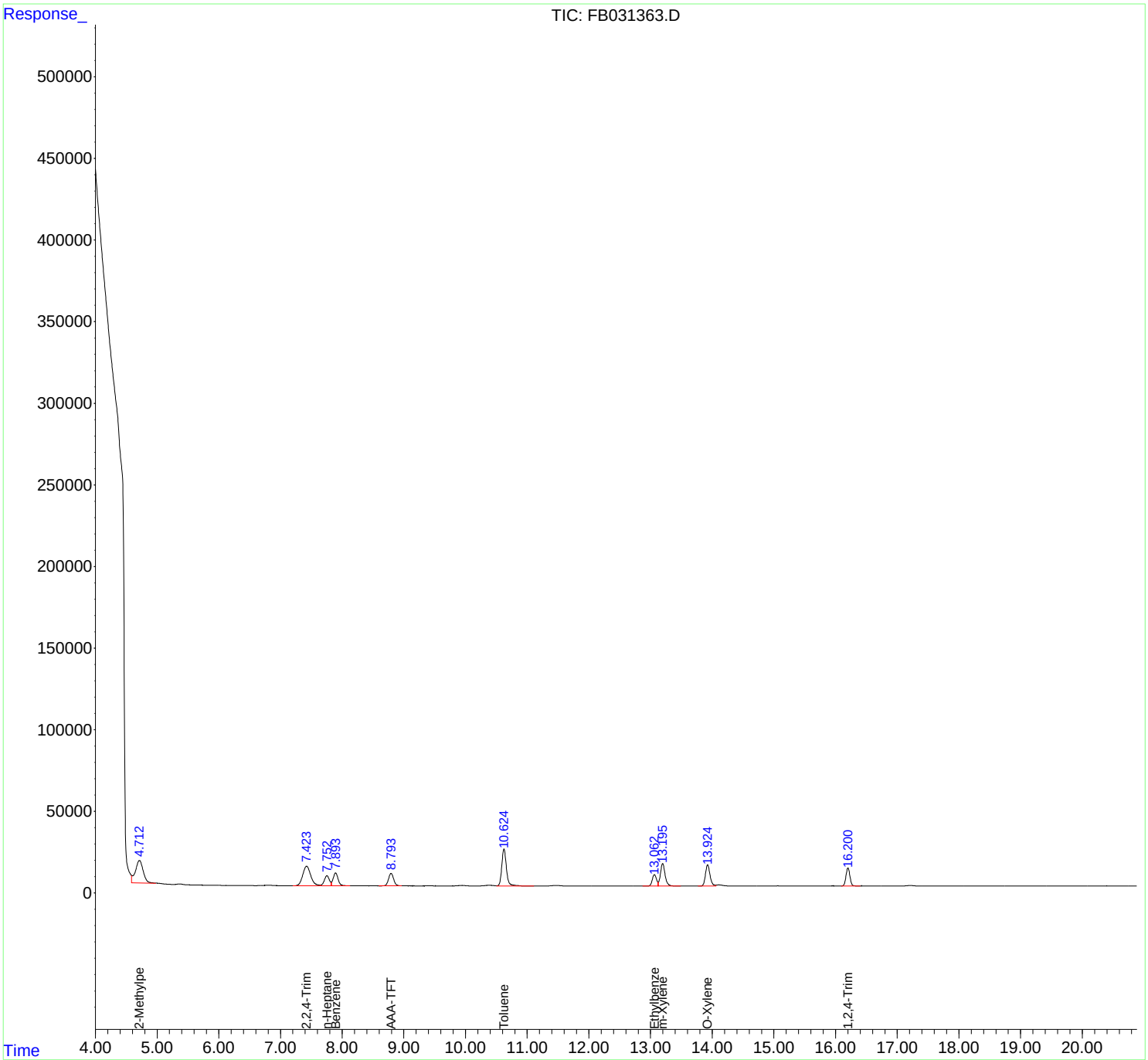
Integration File: Calibration.e
Quant Time: Jan 30 00:54:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Quant Title :
QLast Update : Wed Jan 15 12:01:08 2025
Response via : Initial Calibration
Integrator: ChemStation

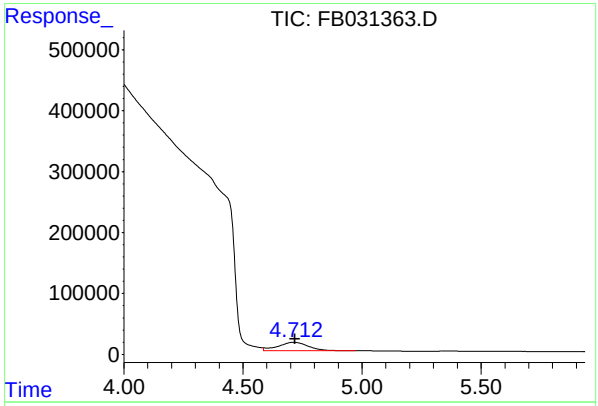
Volume Inj. : 5 g/ml
Signal Phase : RTX-502.2
Signal Info : 60mx0.53mmx3.00um

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025





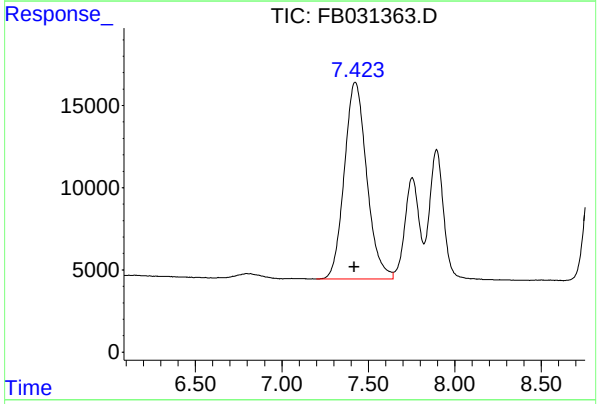
#1 2-Methylpentane

R.T.: 4.712 min
Delta R.T.: -0.006 min
Response: 1219722
Conc: 36.80 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

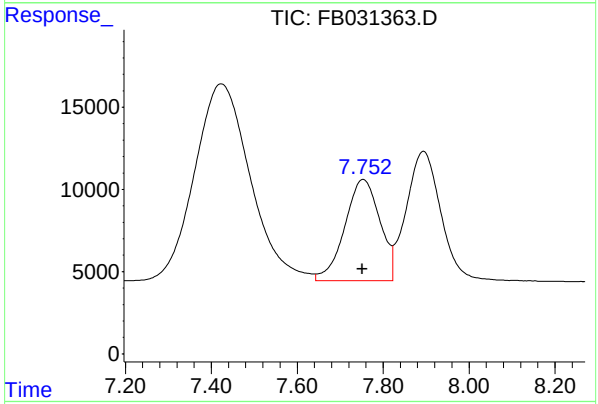
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



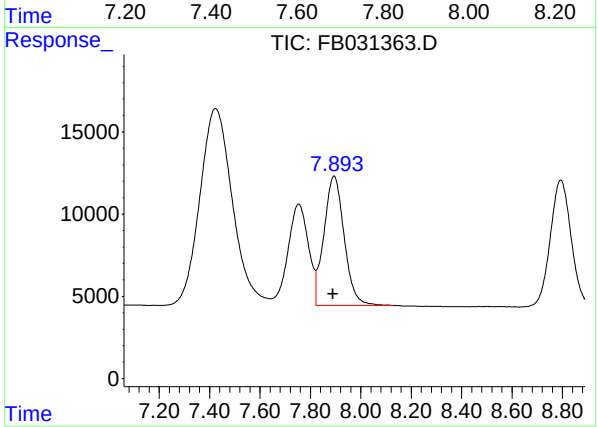
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min
Delta R.T.: 0.005 min
Response: 1078463
Conc: 28.68 ng/ml



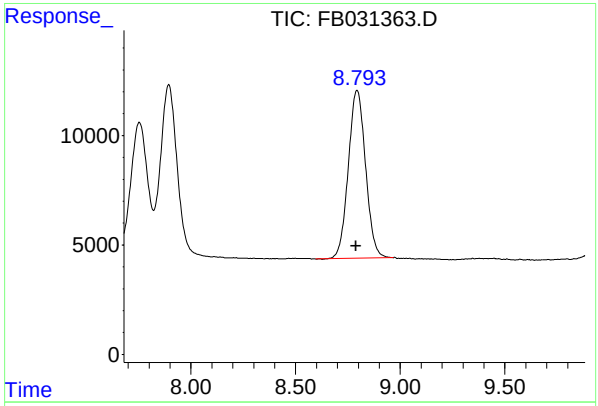
#3 n-Heptane

R.T.: 7.754 min
Delta R.T.: 0.003 min
Response: 350406
Conc: 9.71 ng/ml



#4 Benzene

R.T.: 7.895 min
Delta R.T.: 0.005 min
Response: 440681
Conc: 10.35 ng/ml



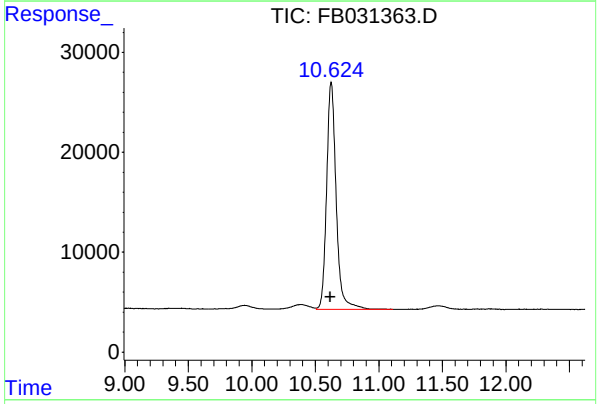
#5 AAA-TFT

R.T.: 8.794 min
Delta R.T.: 0.004 min
Response: 439712
Conc: 18.43 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

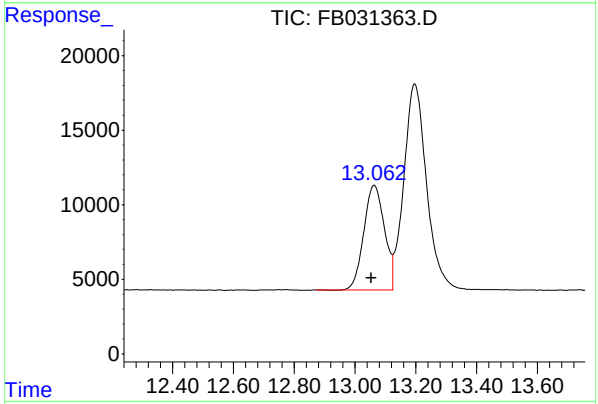
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



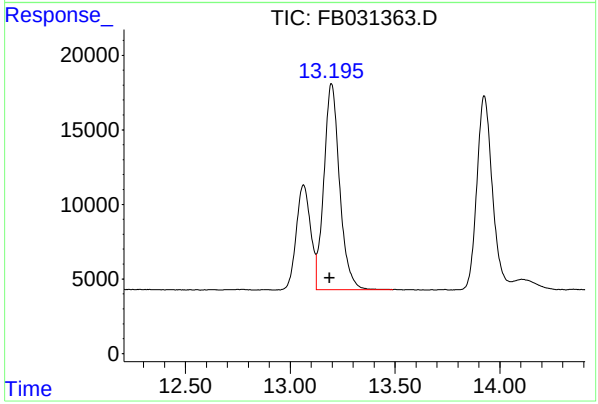
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.007 min
Response: 1189086
Conc: 30.45 ng/ml



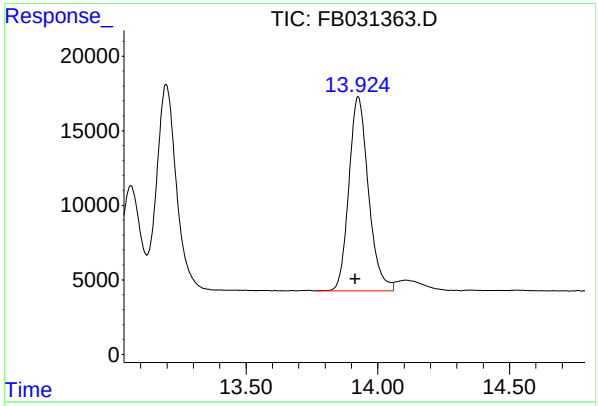
#7 Ethylbenzene

R.T.: 13.063 min
Delta R.T.: 0.009 min
Response: 331229
Conc: 9.57 ng/ml



#8 m-Xylene

R.T.: 13.197 min
Delta R.T.: 0.009 min
Response: 720307
Conc: 19.27 ng/ml



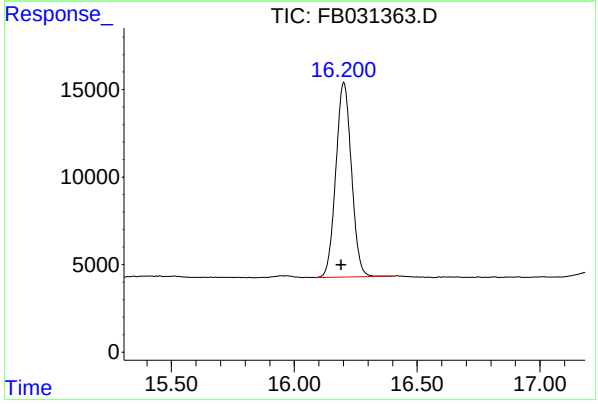
#9 O-Xylene

R.T.: 13.926 min
Delta R.T.: 0.010 min
Response: 670255
Conc: 18.82 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.202 min
Delta R.T.: 0.010 min
Response: 491148
Conc: 17.34 ng/ml

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB01292
Data File : FB031363.D
Signal(s) : FID2B.CH
Acq On : 29 Jan 2025 12:20
Sample : Q1207-17MSD
Misc : 5.05G/5.00 ML DI WATER
ALS Vial : 8 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB011525.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.713	4.571	5.241	BV	9813	288879	24.30%	4.547%
2	5.251	5.241	5.264	PV	34	298	0.03%	0.005%
3	5.561	5.552	5.610	PV	26	372	0.03%	0.006%
4	5.617	5.610	5.632	PV	18	144	0.01%	0.002%
5	5.643	5.632	5.748	VV	32	958	0.08%	0.015%
6	5.770	5.748	5.848	PV	22	565	0.05%	0.009%
7	5.854	5.848	5.913	VV	18	342	0.03%	0.005%
8	5.922	5.913	5.948	VV	11	96	0.01%	0.002%
9	5.953	5.948	6.075	VV	14	526	0.04%	0.008%
10	6.086	6.075	6.106	PV	19	251	0.02%	0.004%
11	6.117	6.106	6.140	VV	42	512	0.04%	0.008%
12	6.148	6.140	6.229	VV	41	1599	0.13%	0.025%
13	6.236	6.229	6.254	VV	28	292	0.02%	0.005%
14	6.271	6.254	6.309	VV	20	480	0.04%	0.008%
15	6.319	6.309	6.411	VV	27	1104	0.09%	0.017%
16	6.420	6.411	6.494	VV	18	624	0.05%	0.010%
17	6.516	6.494	6.543	PV	24	378	0.03%	0.006%
18	6.558	6.543	6.580	VV	22	240	0.02%	0.004%
19	6.591	6.580	6.619	PV	10	117	0.01%	0.002%
20	6.631	6.619	6.663	VV	31	593	0.05%	0.009%
21	6.796	6.663	6.807	VV	297	13428	1.13%	0.211%
22	6.819	6.807	7.005	VV	295	14890	1.25%	0.234%
23	7.015	7.005	7.021	PV	14	77	0.01%	0.001%
24	7.059	7.021	7.126	VV	28	1211	0.10%	0.019%
25	7.133	7.126	7.162	VV	24	283	0.02%	0.004%
26	7.178	7.162	7.209	VV	20	265	0.02%	0.004%
27	7.424	7.209	7.643	PV	11994	1083136	91.13%	17.049%
28	7.754	7.643	7.822	VV	6210	354480	29.82%	5.580%
29	7.895	7.822	8.239	VV	7935	452966	38.11%	7.130%
30	8.262	8.239	8.295	VV	31	773	0.07%	0.012%
31	8.302	8.295	8.387	VV	30	829	0.07%	0.013%
32	8.411	8.387	8.450	VV	22	473	0.04%	0.007%
33	8.501	8.450	8.529	VV	36	1217	0.10%	0.019%
34	8.546	8.529	8.629	VV	34	1280	0.11%	0.020%
35	8.794	8.629	9.071	PV	7734	454900	38.27%	7.160%
36	9.091	9.071	9.156	VV	49	1892	0.16%	0.030%

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

rteres

37	9.168	9.156	9.266	VV	41	1301	0.11%	0.020%
38	9.348	9.266	9.400	VV	77	3780		
39	9.413	9.400	9.490	VV	74	3397		
40	9.511	9.490	9.551	VV	58	1000		
41	9.574	9.551	9.596	VV	43	572		
42	9.612	9.596	9.645	VV	27	434		
43	9.798	9.645	9.815	PV	69	3005	0.25%	0.047%
44	9.944	9.815	10.134	VV	382	31739	2.67%	0.500%
45	10.144	10.134	10.205	VV	31	990	0.08%	0.016%
46	10.388	10.205	10.506	VV	474	44689	3.76%	0.703%
47	10.625	10.506	10.968	VV	22722	1188615	100.00%	18.709%
48	10.994	10.968	11.028	VV	42	1190	0.10%	0.019%
49	11.039	11.028	11.070	VV	26	595	0.05%	0.009%
50	11.091	11.070	11.111	VV	38	350	0.03%	0.006%
51	11.172	11.111	11.209	PV	18	662	0.06%	0.010%
52	11.252	11.209	11.279	VV	28	695	0.06%	0.011%
53	11.472	11.279	11.660	VV	373	35565	2.99%	0.560%
54	11.668	11.660	11.705	VV	43	757	0.06%	0.012%
55	11.774	11.705	11.793	VV	59	1625	0.14%	0.026%
56	11.799	11.793	11.813	VV	53	430	0.04%	0.007%
57	11.821	11.813	11.837	VV	43	474	0.04%	0.007%
58	11.867	11.837	12.035	VV	74	3765	0.32%	0.059%
59	12.101	12.035	12.126	VV	36	1125	0.09%	0.018%
60	12.160	12.126	12.187	VV	37	975	0.08%	0.015%
61	12.280	12.187	12.297	VV	43	1990	0.17%	0.031%
62	12.327	12.297	12.404	VV	45	1623	0.14%	0.026%
63	12.426	12.404	12.456	VV	27	648	0.05%	0.010%
64	12.473	12.456	12.505	VV	27	524	0.04%	0.008%
65	12.520	12.505	12.539	VV	31	357	0.03%	0.006%
66	12.556	12.539	12.572	VV	33	325	0.03%	0.005%
67	12.637	12.572	12.662	PV	30	1114	0.09%	0.018%
68	12.773	12.662	12.823	VV	52	2907	0.24%	0.046%
69	12.874	12.823	12.921	VV	27	1132	0.10%	0.018%
70	13.063	12.921	13.124	VV	7066	334607	28.15%	5.267%
71	13.197	13.124	13.441	VV	13852	726872	61.15%	11.441%
72	13.460	13.441	13.544	VV	62	2656	0.22%	0.042%
73	13.571	13.544	13.602	VV	40	1058	0.09%	0.017%
74	13.613	13.602	13.661	VV	28	753	0.06%	0.012%
75	13.739	13.661	13.775	VV	51	1696	0.14%	0.027%
76	13.926	13.775	14.059	VV	13027	673274	56.64%	10.597%
77	14.107	14.059	14.315	VV	732	56036	4.71%	0.882%
78	14.353	14.315	14.382	VV	65	2118	0.18%	0.033%
79	14.392	14.382	14.479	VV	52	2304	0.19%	0.036%
80	14.524	14.479	14.608	VV	66	3328	0.28%	0.052%
81	14.622	14.608	14.651	VV	34	489	0.04%	0.008%
82	14.668	14.651	14.692	VV	29	398	0.03%	0.006%
83	14.711	14.692	14.729	VV	19	288	0.02%	0.005%
84	14.761	14.729	14.810	PV	31	708	0.06%	0.011%
85	14.849	14.810	14.941	VV	33	1504	0.13%	0.024%
86	15.065	14.941	15.163	VV	133	7811	0.66%	0.123%
87	15.195	15.163	15.208	VV	57	908	0.08%	0.014%
88	15.251	15.208	15.268	VV	64	1582	0.13%	0.025%
89	15.346	15.268	15.360	VV	95	3364	0.28%	0.053%

Instrument :
FID_B
ClientSampleId :
JPP-20.2-012725MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/30/2025
Supervised By :Ankita Jodhani 01/30/2025

					rteres			
90	15.412	15.360	15.442	VV	102	4601	0.39%	0.072%
91	15.452	15.442	15.471	VV	117	1573		
92	15.513	15.471	15.617	VV	96	5070		
93	15.633	15.617	15.646	VV	42	519		
94	15.665	15.646	15.699	VV	42	1044		
95	15.717	15.699	15.835	VV	37	1928		
96	15.949	15.835	16.030	PV	116	6346	0.53%	0.100%
97	16.051	16.030	16.087	VV	14	265	0.02%	0.004%
98	16.202	16.087	16.347	PV	11125	490946	41.30%	7.727%
99	16.355	16.347	16.394	VV	26	381	0.03%	0.006%
			Sum of corrected areas:			6353248		

FB011525.M Thu Jan 30 01:22:47 2025

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

Manual Integration Report

Sample ID	ClientId ID	File ID	Sequence ID	Parameter	Supervised By	Supervised On	Reason
Q1207-17MS		FB031362.D	FB012925	2-Methylpentane	Ankita	1/30/2025 9:17:22 AM	Peak Integrated by Software incorrectly
Q1207-17MSD		FB031363.D	FB012925	2-Methylpentane	Ankita	1/30/2025 9:17:24 AM	Peak Integrated by Software incorrectly
20 PPB GRO STD		FB031368.D	FB012925	O-Xylene	Ankita	1/30/2025 9:17:25 AM	Peak Integrated by Software incorrectly

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

Instrument ID: FID_B

Daily Analysis Runlog For Sequence/QCBatch ID # FB011525

Review By	yogesh	Review On	1/15/2025 12:15:24 PM		
Supervise By	Ankita	Supervise On	1/16/2025 10:14:58 AM		
SubDirectory	FB011525	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	5 GRO STD	FB031307.D	15 Jan 2025 10:20	YP/AJ	Ok
2	10 GRO STD	FB031308.D	15 Jan 2025 10:47	YP/AJ	Ok
3	20 GRO STD	FB031309.D	15 Jan 2025 11:13	YP/AJ	Ok
4	50 GRO STD	FB031310.D	15 Jan 2025 11:40	YP/AJ	Ok
5	100 GRO STD	FB031311.D	15 Jan 2025 12:07	YP/AJ	Ok
6	FB011525GROICV	FB031312.D	15 Jan 2025 12:44	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 # FB012925

Review By	yogesh	Review On	1/29/2025 11:32:03 AM		
Supervise By	Ankita	Supervise On	1/30/2025 9:17:31 AM		
SubDirectory	FB012925	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	PP24138,PP24139,PP24140,PP24141
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	20 PPB GRO STD	FB031356.D	29 Jan 2025 8:39	YP/AJ	Ok
2	VBF0129S1	FB031357.D	29 Jan 2025 9:17	YP/AJ	Ok
3	VBF0129S2	FB031358.D	29 Jan 2025 9:44	YP/AJ	Ok
4	BSF0129S1	FB031359.D	29 Jan 2025 10:11	YP/AJ	Ok
5	Q1207-17	FB031360.D	29 Jan 2025 10:49	YP/AJ	Ok
6	Q1207-01	FB031361.D	29 Jan 2025 11:27	YP/AJ	Ok
7	Q1207-17MS	FB031362.D	29 Jan 2025 11:54	YP/AJ	Ok,M
8	Q1207-17MSD	FB031363.D	29 Jan 2025 12:20	YP/AJ	Ok,M
9	Q1207-05	FB031364.D	29 Jan 2025 12:47	YP/AJ	Ok
10	Q1207-09	FB031365.D	29 Jan 2025 13:14	YP/AJ	ReRun
11	Q1207-13	FB031366.D	29 Jan 2025 13:40	YP/AJ	Ok
12	BSF0129S2	FB031367.D	29 Jan 2025 14:07	YP/AJ	Ok
13	20 PPB GRO STD	FB031368.D	29 Jan 2025 14:34	YP/AJ	Ok,M
14	Q1206-01	FB031369.D	29 Jan 2025 15:01	YP/AJ	Ok
15	Q1206-05	FB031370.D	29 Jan 2025 15:28	YP/AJ	Ok
16	Q1207-09	FB031371.D	29 Jan 2025 15:54	YP/AJ	Ok
17	Q1207-09	FB031372.D	29 Jan 2025 16:21	YP/AJ	Not Ok
18	BSF0129S3	FB031373.D	29 Jan 2025 16:48	YP/AJ	Ok
19	20 PPB GRO STD	FB031374.D	29 Jan 2025 17:15	YP/AJ	Ok
20	VBF0129W1	FB031375.D	29 Jan 2025 18:08	YP/AJ	Ok
21	BSF0129W1	FB031376.D	29 Jan 2025 18:34	YP/AJ	Ok

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 # FB012925

Review By	yogesh	Review On	1/29/2025 11:32:03 AM		
Supervise By	Ankita	Supervise On	1/30/2025 9:17:31 AM		
SubDirectory	FB012925	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	PP24138,PP24139,PP24140,PP24141
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1211-01	FB031377.D	29 Jan 2025 19:01	YP/AJ	Ok
23	Q1211-02	FB031378.D	29 Jan 2025 19:28	YP/AJ	Ok
24	BSF0129W2	FB031379.D	29 Jan 2025 19:54	YP/AJ	Ok
25	20 PPB GRO STD	FB031380.D	29 Jan 2025 20:21	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 # FB011525

Review By	yogesh	Review On	1/15/2025 12:15:24 PM		
Supervise By	Ankita	Supervise On	1/16/2025 10:14:58 AM		
SubDirectory	FB011525	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	5 GRO STD		FB031307.D	15 Jan 2025 10:20		YP/AJ	Ok
2	10 GRO STD		FB031308.D	15 Jan 2025 10:47		YP/AJ	Ok
3	20 GRO STD		FB031309.D	15 Jan 2025 11:13		YP/AJ	Ok
4	50 GRO STD		FB031310.D	15 Jan 2025 11:40		YP/AJ	Ok
5	100 GRO STD		FB031311.D	15 Jan 2025 12:07		YP/AJ	Ok
6	FB011525GROICV		FB031312.D	15 Jan 2025 12:44		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 # FB012925

Review By	yogesh	Review On	1/29/2025 11:32:03 AM		
Supervise By	Ankita	Supervise On	1/30/2025 9:17:31 AM		
SubDirectory	FB012925	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	PP24138,PP24139,PP24140,PP24141
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	20 PPB GRO STD		FB031356.D	29 Jan 2025 8:39		YP/AJ	Ok
2	VBF0129S1		FB031357.D	29 Jan 2025 9:17		YP/AJ	Ok
3	VBF0129S2		FB031358.D	29 Jan 2025 9:44		YP/AJ	Ok
4	BSF0129S1		FB031359.D	29 Jan 2025 10:11		YP/AJ	Ok
5	Q1207-17		FB031360.D	29 Jan 2025 10:49	vial-A	YP/AJ	Ok
6	Q1207-01		FB031361.D	29 Jan 2025 11:27	vial-A	YP/AJ	Ok
7	Q1207-17MS		FB031362.D	29 Jan 2025 11:54	vial-A	YP/AJ	Ok,M
8	Q1207-17MSD		FB031363.D	29 Jan 2025 12:20	vial-A	YP/AJ	Ok,M
9	Q1207-05		FB031364.D	29 Jan 2025 12:47	vial-A	YP/AJ	Ok
10	Q1207-09		FB031365.D	29 Jan 2025 13:14	vial-A ,surrogate fail	YP/AJ	ReRun
11	Q1207-13		FB031366.D	29 Jan 2025 13:40	vial-A	YP/AJ	Ok
12	BSF0129S2		FB031367.D	29 Jan 2025 14:07		YP/AJ	Ok
13	20 PPB GRO STD		FB031368.D	29 Jan 2025 14:34		YP/AJ	Ok,M
14	Q1206-01		FB031369.D	29 Jan 2025 15:01	vial-A	YP/AJ	Ok
15	Q1206-05		FB031370.D	29 Jan 2025 15:28	vial-A	YP/AJ	Ok
16	Q1207-09		FB031371.D	29 Jan 2025 15:54	vial-B	YP/AJ	Ok
17	Q1207-09		FB031372.D	29 Jan 2025 16:21	vial-C ,not required	YP/AJ	Not Ok
18	BSF0129S3		FB031373.D	29 Jan 2025 16:48		YP/AJ	Ok

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 # FB012925

Review By	yogesh	Review On	1/29/2025 11:32:03 AM		
Supervise By	Ankita	Supervise On	1/30/2025 9:17:31 AM		
SubDirectory	FB012925	HP Acquire Method		HP Processing Method	FB011525

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24110,PP24113,PP24114,PP24115,PP24116,PP24117
CCC	PP24138,PP24139,PP24140,PP24141
Internal Standard/PEM	
ICV/I.BLK	PP24111,PP24118
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	20 PPB GRO STD		FB031374.D	29 Jan 2025 17:15		YP/AJ	Ok
20	VBF0129W1		FB031375.D	29 Jan 2025 18:08		YP/AJ	Ok
21	BSF0129W1		FB031376.D	29 Jan 2025 18:34		YP/AJ	Ok
22	Q1211-01		FB031377.D	29 Jan 2025 19:01		YP/AJ	Ok
23	Q1211-02		FB031378.D	29 Jan 2025 19:28		YP/AJ	Ok
24	BSF0129W2		FB031379.D	29 Jan 2025 19:54		YP/AJ	Ok
25	20 PPB GRO STD		FB031380.D	29 Jan 2025 20:21		YP/AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 01/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:10
Out Date: 01/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134456

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1191-03	A44Y0	1	1.00	1.00	2.00	2.00	100.0	FB solids
Q1191-04	A44Y1	2	1.00	1.00	2.00	2.00	100.0	FB solids
Q1191-09	VHBLK002	3	1.00	1.00	2.00	2.00	100.0	vhblk
Q1205-01	VNJ-236	4	1.15	8.64	9.79	8.68	87.2	
Q1206-01	JPP-20.1-012725	5	1.18	8.42	9.6	8.38	85.5	
Q1206-03	JPP-20.1-012725	6	1.19	8.50	9.69	8.46	85.5	
Q1206-05	JPP-16.3-012725	7	1.16	8.80	9.96	8.72	85.9	
Q1206-07	JPP-16.3-012725	8	1.19	8.51	9.7	8.38	84.5	
Q1207-01	JPP-2.1-012725	9	1.15	8.51	9.66	8.54	86.8	
Q1207-04	JPP-2.1-012725	10	1.16	8.61	9.77	8.7	87.6	
Q1207-05	JPP-5.1-012725	11	1.15	8.59	9.74	8.98	91.2	
Q1207-07	JPP-5.1-012725	12	1.18	8.60	9.78	9.00	90.9	
Q1207-08	JPP-5.1-012725	13	1.18	8.60	9.78	9.00	90.9	
Q1207-09	JPP-4.5-012725	14	1.17	8.82	9.99	8.49	83.0	
Q1207-11	JPP-4.5-012725	15	1.19	8.80	9.99	8.37	81.6	
Q1207-12	JPP-4.5-012725	16	1.19	8.80	9.99	8.37	81.6	
Q1207-13	JPP-16.2-012725	17	1.13	8.80	9.93	9.02	89.7	
Q1207-15	JPP-16.2-012725	18	1.15	8.67	9.82	8.85	88.8	
Q1207-16	JPP-16.2-012725	19	1.15	8.67	9.82	8.85	88.8	
Q1207-17	JPP-20.2-012725	20	1.12	8.77	9.89	8.85	88.1	
Q1207-19	JPP-20.2-012725	21	1.17	8.53	9.7	8.66	87.8	
Q1207-20	JPP-20.2-012725	22	1.17	8.53	9.7	8.66	87.8	
Q1208-01	60304	23	1.00	1.00	2.00	2.00	100.0	oil sample
Q1209-01	WC-4	24	1.17	8.80	9.97	8.5	83.3	
Q1209-02	WC-4-EPH	25	1.15	8.64	9.79	8.39	83.8	
Q1209-03	WC-4-VOC	26	1.14	8.82	9.96	8.56	84.1	
Q1209-05	WC-5	27	1.15	8.82	9.97	8.95	88.4	
Q1209-06	WC-5-EPH	28	1.13	8.85	9.98	8.55	83.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 01/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:10
Out Date: 01/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134456

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1209-07	WC-5-VOC	29	1.15	8.74	9.89	8.27	81.5	

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

WORKLIST(Hardcopy Internal Chain)

VB 134456

WorkList Name : %1-012825 **WorkList ID :** 187196 **Department :** Wet-Chemistry **Date :** 01-28-2025 07:59:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1206-01	JPP-20.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1206-03	JPP-20.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1206-05	JPP-16.3-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1206-07	JPP-16.3-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-01	JPP-2.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-04	JPP-2.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-13	JPP-16.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-15	JPP-16.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-16	JPP-16.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-17	JPP-20.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-19	JPP-20.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-20	JPP-20.2-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-05	JPP-5.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-07	JPP-5.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-08	JPP-5.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-09	JPP-4.5-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-11	JPP-4.5-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1207-12	JPP-4.5-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1205-01	VNJ-236	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1208-01	60304	Solid	Percent Solids	Cool 4 deg C	PSEG03	N31	01/28/2025	Chemtech -SO
Q1209-01	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO

Date/Time 01/28/25 15:30

Raw Sample Received by: TB WC)

Raw Sample Relinquished by: CB SM

Date/Time 01/28/25 17:10

Raw Sample Received by: SM

Raw Sample Relinquished by: TB WC)

WORKLIST(Hardcopy Internal Chain)

JB 134456

WorkList Name : %1-012825 **WorkList ID :** 187196 **Department :** Wet-Chemistry **Date :** 01-28-2025 07:59:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1209-02	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1209-03	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1209-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1209-06	WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1209-07	WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1191-03	A44Y0	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/28/2025	Chemtech -SO
Q1191-04	A44Y1	Solid	Percent Solids	Cool 4 deg C	USEP04	B21	01/24/2025	Chemtech -SO
Q1191-09	VHBLK002	Solid	Percent Solids	Cool 4 deg C	USEP04	B21	01/25/2025	Chemtech -SO

Date/Time 01/28/25 15:30

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 01/28/25 17:10

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 1/30/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 16:40
In Date: 01/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:00
Out Date: 01/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134472

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1207-03	JPP-2.1-012725	1	1.16	8.61	9.77	8.7	87.6	
Q1218-01	BELL-25-002	2	1.00	1.00	2.00	2.00	100.0	oily-debris
Q1219-01	LAW-25-0015	3	1.00	1.00	2.00	2.00	100.0	oily-debris
Q1220-01	TR-06-01292025	4	1.15	8.40	9.55	8.98	93.2	
Q1220-02	TR-06-01292025-E2	5	1.17	8.58	9.75	8.87	89.7	
Q1221-01	CHESTNUT-CONCRETE	6	1.00	1.00	2.00	2.00	100.0	stone sample, 100 % solids

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

WORKLIST(Hardcopy Internal Chain)

VB 134472

WorkList Name : %1-012925 **WorkList ID :** 187236 **Department :** Wet-Chemistry **Date :** 01-29-2025 07:55:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1207-03	JPP-2.1-012725	Solid	Percent Solids	Cool 4 deg C	RUTW01	E11	01/27/2025	Chemtech -SO
Q1218-01	BELL-25-002	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/29/2025	Chemtech -SO
Q1219-01	LAW-25-0015	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/29/2025	Chemtech -SO
Q1221-01	CHESTNUT-CONCRETE	Solid	Percent Solids	Cool 4 deg C	PSEG03	N41	01/29/2025	Chemtech -SO
Q1220-01	TR-06-01292025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	01/29/2025	Chemtech -SO
Q1220-02	TR-06-01292025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	01/29/2025	Chemtech -SO

Date/Time 01/29/25 15:40 15:40

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 01/29/25 17:10

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

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

Prep Standard - Chemical Standard Summary

Order ID : Q1207

Test : Gasoline Range Organics

Prepbatch ID :

Sequence ID/Qc Batch ID: FB012925,

Standard ID :
PP24110,PP24111,PP24112,PP24113,PP24114,PP24115,PP24116,PP24117,PP24118,PP24138,PP24139,PP24140,PP24141,

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

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

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
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	PP24113	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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	PP24114	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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	PP24115	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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	PP24116	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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	PP24117	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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
239	20 PPB ICC GRO STD	PP24118	01/15/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/15/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24138	01/29/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/31/2025

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	PP24139	01/29/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/31/2025

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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
241	20 PPB CCC GRO STD	PP24140	01/29/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/31/2025

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	PP24141	01/29/2025	07/13/2025	Yogesh Patel	None	None	Ankita Jodhani 01/31/2025

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
DD
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)

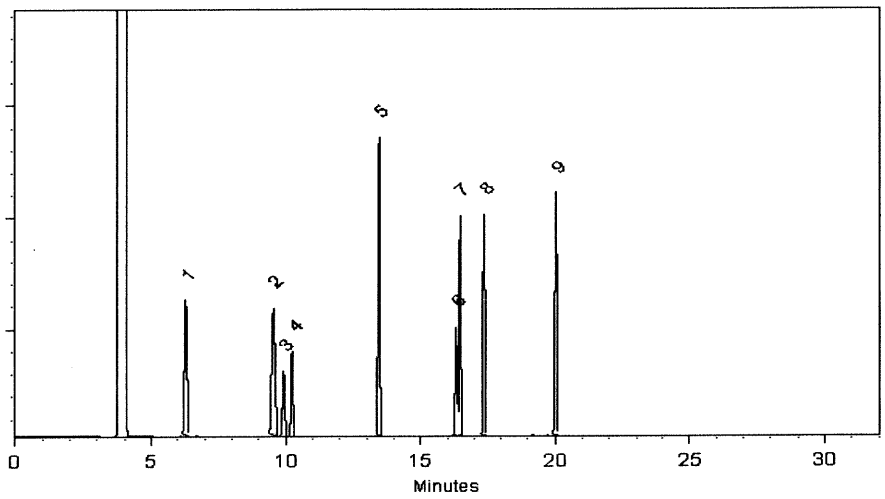
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

CHEMTECH
CHAIN OF CUSTODY RECORD

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

CHEMTECH PROJECT NO. Q1207
QUOTE NO.
COC Number 2038583

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: RU2 Engineering LLC
ADDRESS: 2 Melinda Drive, Monroe Twp, NJ 08831
CITY STATE: ZIP:
ATTENTION: Ruta Manani
PHONE: 609-409-4564 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: SANDTWOBR BMLR Project
PROJECT NO.: LOCATION: Brooklyn, NYC
PROJECT MANAGER: Ruta Manani
e-mail: Rmanani@RU2eng.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same as company address PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

1 TCL VOCs MTBE TBA
2 TCLP VOCs
3 TPH GRO-DRO
4 TCL SVOCs+TICs
5 TAL Metals
6 Pesticides, PCBs
7 RCRA characteristics
8 Paint filter
9 full TCLP

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	JPP-2.1-012725	Soil		G	1/27/25	9:05	3	X	X	X							
2.	JPP-2.1-012725	Soil	C		1/27/25	9:08	7			X	X	X	X	X	X	X	
3.	JPP-5.1-012725	Soil		G	1/27/25	10:10	3	X	X	X							
4.	JPP-5.1-012725	Soil	C		1/27/25	10:16	7			X	X	X	X	X	X	X	
5.	JPP-4.5-012725	Soil		G	1/27/25	10:50	3	X	X	X							
6.	JPP-4.5-012725	Soil	C		1/27/25	10:50	7			X	X	X	X	X	X	X	
7.	JPP-16.2-012725	Soil		G	1/27/25	12:07	3	X	X	X							
8.	JPP-16.2-012725	Soil	C		1/27/25	12:09	7			X	X	X	X	X	X	X	
9.	JPP-20.2-012725	Soil		G	1/27/25	13:40	3	X	X	X							
10.	JPP-20.2-012725	Soil	C		1/27/25	13:40	7			X	X	X	X	X	X	X	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. RM	1/28/2025	1. 1053 1-28-25
2.		2.
3.	DATE/TIME: 1254 1-28-25	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
Comments: Preserve extra sample jar if additional analysis is required.

Page ____ of ____
CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling
Shipment Complete ☐ YES ☐ NO

2/6 WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

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 : Q1207 RUTW01
Client Name : RU2 Engineering, LLC
Client Contact : Rutu Manani
Invoice Name : RU2 Engineering, LLC
Invoice Contact : Rutu Manani

Order Date : 1/28/2025 11:40:00 AM YG 02/03/25
Project Name : ~~SANDTWOBR BMCR Bro~~ NYCDDC SANTWOBR Brooklyn Bridge BBMCR
Receive DateTime : 1/28/2025 12:59:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : Excel NY
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1207-01	JPP-2.1-012725	Solid	01/27/2025	09:05					
					VOCMS Group1		8260D		10 Bus. Days
Q1207-05	JPP-5.1-012725	Solid	01/27/2025	10:10					
					VOCMS Group1		8260D		10 Bus. Days
Q1207-09	JPP-4.5-012725	Solid	01/27/2025	10:50					
					VOCMS Group1		8260D		10 Bus. Days
Q1207-13	JPP-16.2-012725	Solid	01/27/2025	12:07					
					VOCMS Group1		8260D		10 Bus. Days
Q1207-17	JPP-20.2-012725	Solid	01/27/2025	13:40					
					VOCMS Group1		8260D		10 Bus. Days

Relinguished By :
Date / Time : 1-28-25 1447

Received By :
Date / Time : 1/28/25 1447
Storage Area : **VOA Refridgerator Room**

NgHb
E32

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

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EDD Type : Excel NY
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Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1207-~~03~~ 01	JPP-2.1-012725	Solid	01/27/2025	~~09:08~~ 09:05	Gasoline Range Organics		8015D	10 Bus. Days	
Q1207-~~07~~ 05	JPP-5.1-012725	Solid	01/27/2025	10:10	Gasoline Range Organics		8015D	10 Bus. Days	
Q1207-~~11~~ 09	JPP-4.5-012725	Solid	01/27/2025	10:50	Gasoline Range Organics		8015D	10 Bus. Days	
Q1207-~~15~~ 13	JPP-16.2-012725	Solid	01/27/2025	~~12:09~~ 12:07	Gasoline Range Organics		8015D	10 Bus. Days	
Q1207-~~19~~ 17	JPP-20.2-012725	Solid	01/27/2025	13:40	Gasoline Range Organics		8015D	10 Bus. Days	

YG
02/03/25

Relinguished By : [signature]
Date / Time : 1-28-25 1447

Received By : [signature]
Date / Time : 1/28/25 14:47

R8 #6
F22

Storage Area : **VOA Refridgerator Room**