

LAB CHRONICLE

OrderID:	Q1215	OrderDate:	1/29/2025 11:20:00 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
Q1215-01	JPP-29.1-012825	SOIL			01/28/25			01/29/25
			Diesel Range Organics	8015D		01/30/25	01/30/25	
			Gasoline Range Organics	8015D			01/30/25	
Q1215-03	JPP-29.1-012825	SOIL			01/28/25			01/29/25
			PCB	8082A		01/30/25	01/30/25	
			Pesticide-TCL	8081B		01/30/25	02/01/25	
Q1215-05	JPP-29.2-012825	SOIL			01/28/25			01/29/25
			Diesel Range Organics	8015D		01/30/25	01/30/25	
			Gasoline Range Organics	8015D			01/30/25	
Q1215-07	JPP-29.2-012825	SOIL			01/28/25			01/29/25
			PCB	8082A		01/30/25	01/30/25	
			Pesticide-TCL	8081B		01/30/25	01/30/25	



SAMPLE DATA

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-29.1-012825	SDG No.:	Q1215
Lab Sample ID:	Q1215-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031408.D	50	01/30/25 23:06	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	592	J	434	2530	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.7		50 - 150	98%	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

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-29.2-012825	SDG No.:	Q1215
Lab Sample ID:	Q1215-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.1
Sample Wt/Vol:	5.1 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031409.D	50	01/30/25 23:33	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	593	J	434	2530	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.0		50 - 150	85%	SPK: 20

Comments:

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QC SUMMARY

SOIL GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Chemtech Client: RU2 Engineering, LLC
Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG No.: Q1215

EPA SAMPLE NO.	S1 AAA-TFT	S2	S3	S4	TOT OUT
VBFO130S2	93				0
BSFO130S1	85				0
JPP-26.2-012825MS	95				0
JPP-26.2-012825MSD	81				0
JPP-29.1-012825	98				0
JPP-29.2-012825	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

SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** RU2 Engineering, LLC
Lab Code: CHEM **Cas No:** Q1215 **SAS No :** Q1215 **SDG No:** Q1215
Client SampleID : JPP-26.2-012825MS **Datafile:** FB031401.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	10551	680	10176	90%		50-150

SOIL GASOLINE RANGE ORGANICS MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Chemtech **Client:** RU2 Engineering, LLC
Lab Code: CHEM **Cas No:** Q1215 **SAS No :** Q1215 **SDG No:** Q1215
Client SampleID : JPP-26.2-012825MSD **Datafile:** FB031402.D

COMPOUND	SPIKE ADDED ug/kg	SAMPLE CONCENTRATION ug/kg	MS/MSD CONCENTRATION ug/kg	% REC	Qual	QC LIMITS
GRO	10426	680	7924	70%		50-150

MS/MSD % Recovery RPD : 25

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

Lab Name: Chemtech **Client:** RU2 Engineering, LLC
Lab Code: CHEM **Cas No:** Q1215 **SAS No :** Q1215 **SDG No:** Q1215
Matrix Spike - EPA Sample No : BSF0130S1 **Datafile:** FB031384.D

COMPOUND	SPIKE ADDED ug/kg	CONCENTRATION ug/kg	LCS/LCSD CONCENTRATION ug/kg	% REC	QC LIMITS
GRO	180	0	180	100	50-150

METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBF0130S2

Lab Name: CHEMTECH

Contract: RUTW01

Lab Code: CHEM Case No.: Q1215

SAS No.: Q1215 SDG NO.: Q1215

Lab File ID: FB031383.D

Lab Sample ID: VBF0130S2

Date Analyzed: 01/30/25

Time Analyzed: 10:13

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
BSF0130S1	BSF0130S1	FB031384.D	01/30/25
JPP-26.2-012825MS	Q1216-17MS	FB031401.D	01/30/25
JPP-26.2-012825MSD	Q1216-17MSD	FB031402.D	01/30/25
JPP-29.1-012825	Q1215-01	FB031408.D	01/30/25
JPP-29.2-012825	Q1215-05	FB031409.D	01/30/25

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	
Client Sample ID:	VBFO130S2	SDG No.:	Q1215
Lab Sample ID:	VBFO130S2	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031383.D	50	01/30/25 10:13	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	2250	U	386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.6		50 - 150	93%	SPK: 20

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Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	
Client Sample ID:	BSF0130S1	SDG No.:	Q1215
Lab Sample ID:	BSF0130S1	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	100
Sample Wt/Vol:	5 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031384.D	1	01/30/25 10:40	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	180		8.00	45.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	17.1		50 - 150	85%	SPK: 20

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Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-26.2-012825MS	SDG No.:	Q1215
Lab Sample ID:	Q1216-17MS	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.3
Sample Wt/Vol:	5 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031401.D	50	01/30/25 19:06	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	10200		453	2640	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.9		50 - 150	95%	SPK: 20

Comments:

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Report of Analysis

Client:	RU2 Engineering, LLC	Date Collected:	01/28/25
Project:	NYCDDC SANTWOBR Brooklyn Bridge BBMCR	Date Received:	01/29/25
Client Sample ID:	JPP-26.2-012825MSD	SDG No.:	Q1215
Lab Sample ID:	Q1216-17MSD	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.3
Sample Wt/Vol:	5.06 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031402.D	50	01/30/25 19:32	FB013025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	7920		447	2610	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	16.1		50 - 150	81%	SPK: 20

Comments:

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CALIBRATION SUMMARY

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: RUTW01
 ProjectID: NYCDDC SANTWOBR Brooklyn Bridge BBMCR
 Lab Code: CHEM Case No.: Q1215 SAS No.: Q1215 SDG No.: Q1215

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

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

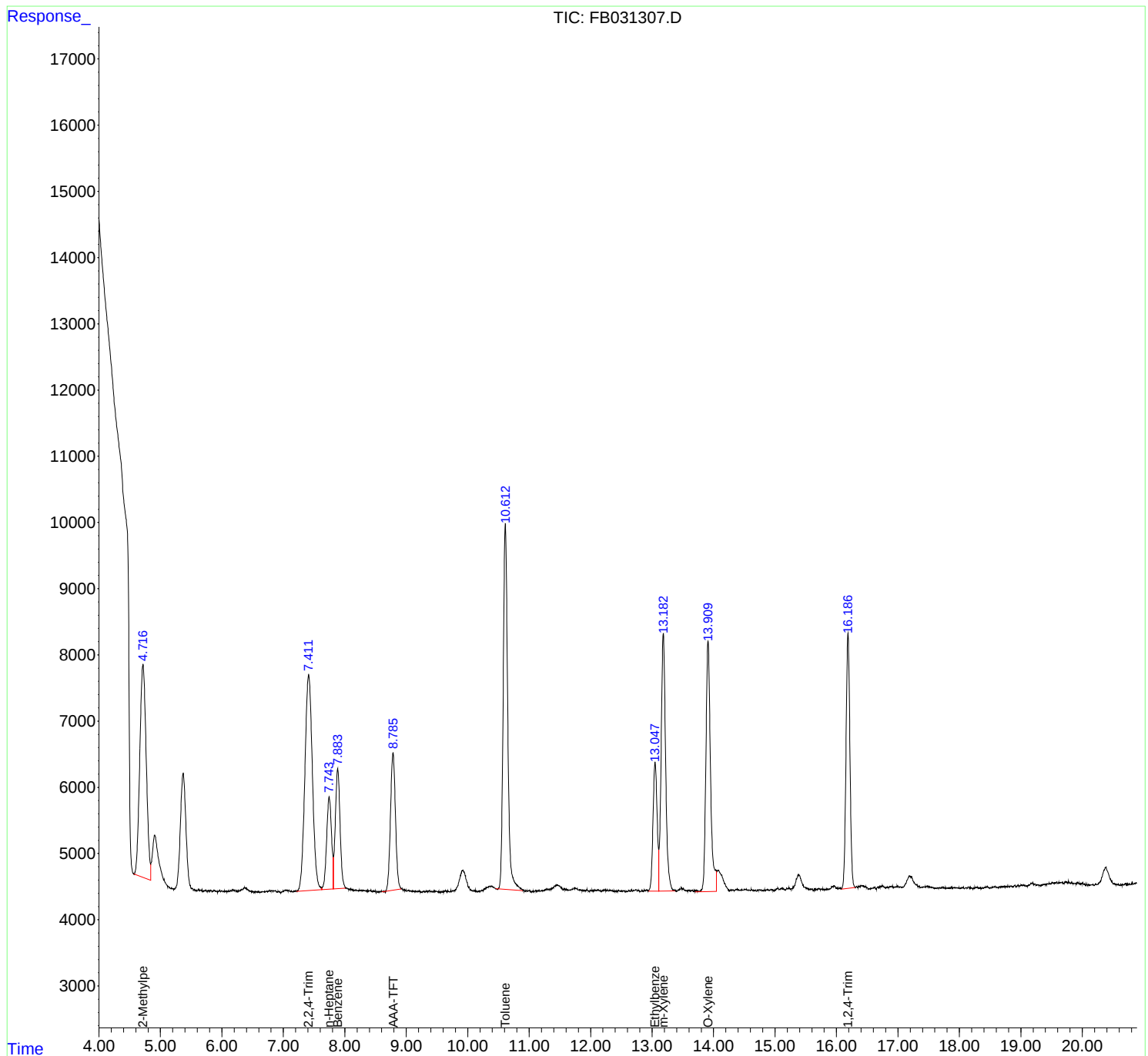
(m)=manual int.

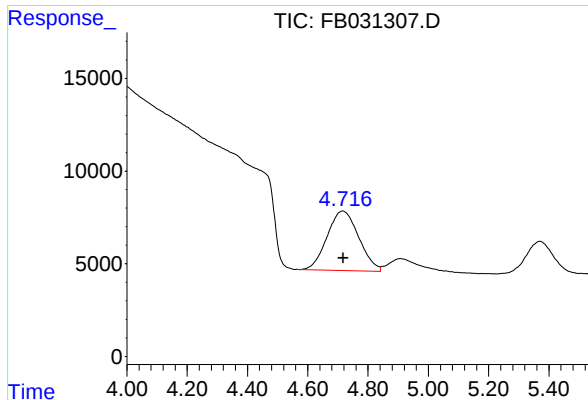
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031307.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:20
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

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

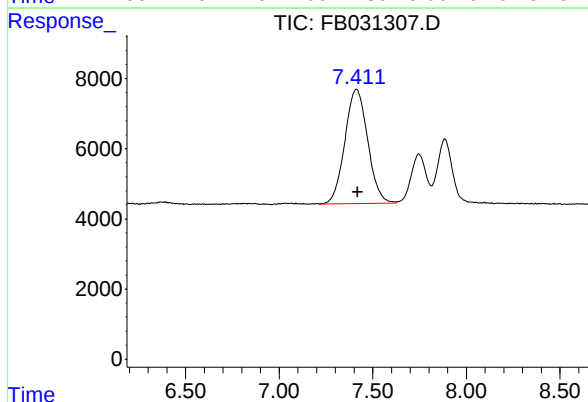




#1 2-Methylpentane

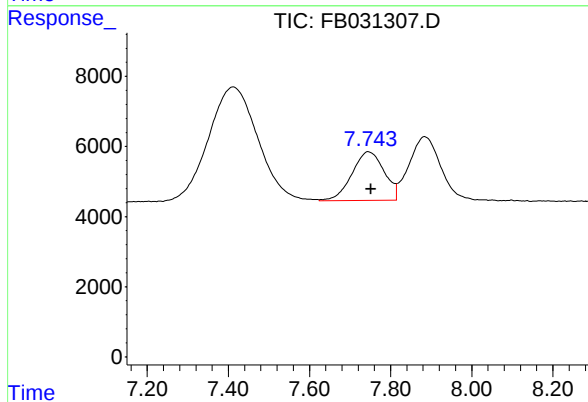
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 233598
Conc: 7.65 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



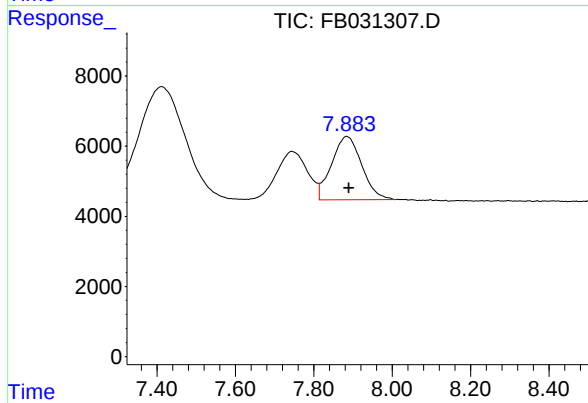
#2 2,2,4-Trimethylpentane

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



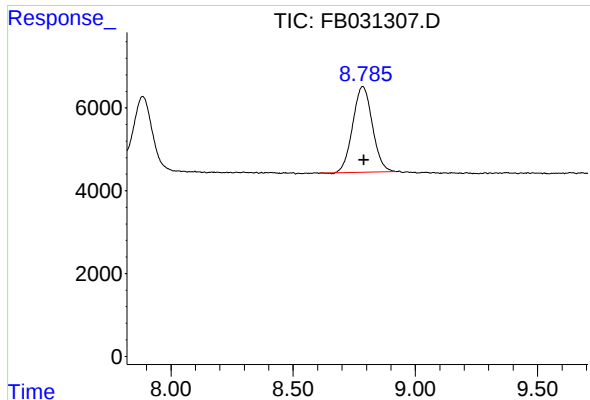
#3 n-Heptane

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



#4 Benzene

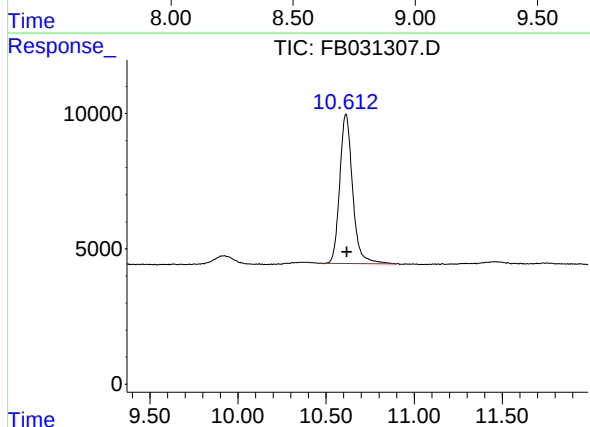
R.T.: 7.885 min
Delta R.T.: -0.005 min
Response: 96940
Conc: 2.46 ng/ml



#5 AAA-TFT

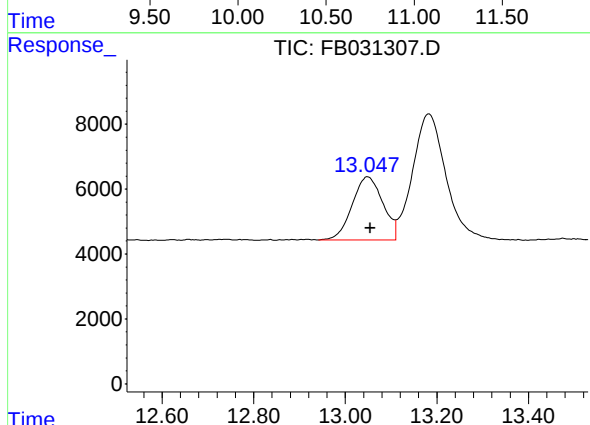
R.T.: 8.786 min
Delta R.T.: -0.003 min
Response: 115906
Conc: 4.68 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



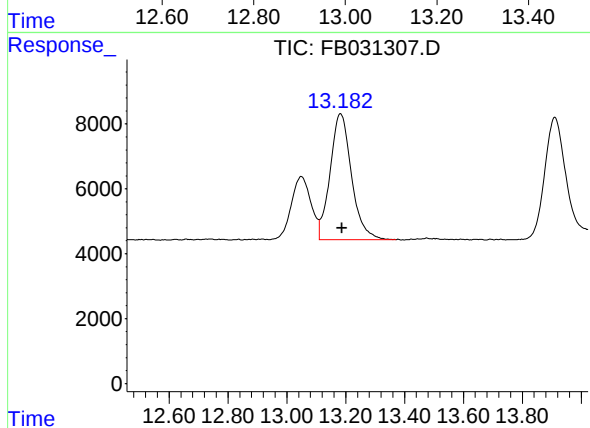
#6 Toluene

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



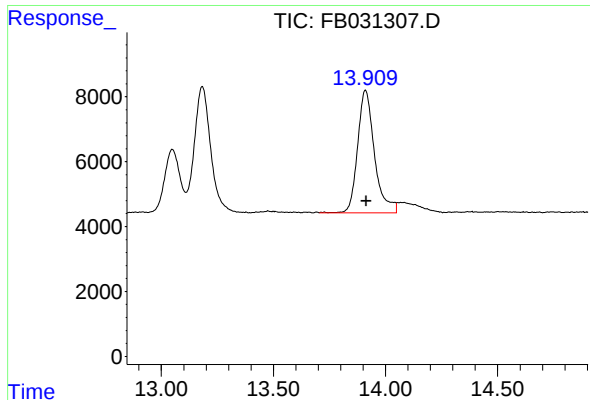
#7 Ethylbenzene

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



#8 m-Xylene

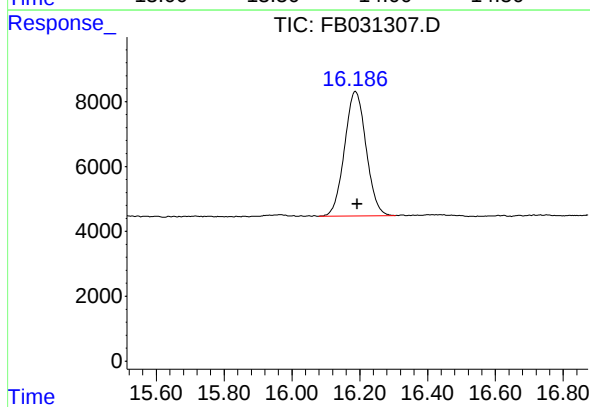
R.T.: 13.183 min
Delta R.T.: -0.005 min
Response: 196650
Conc: 5.78 ng/ml



#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

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

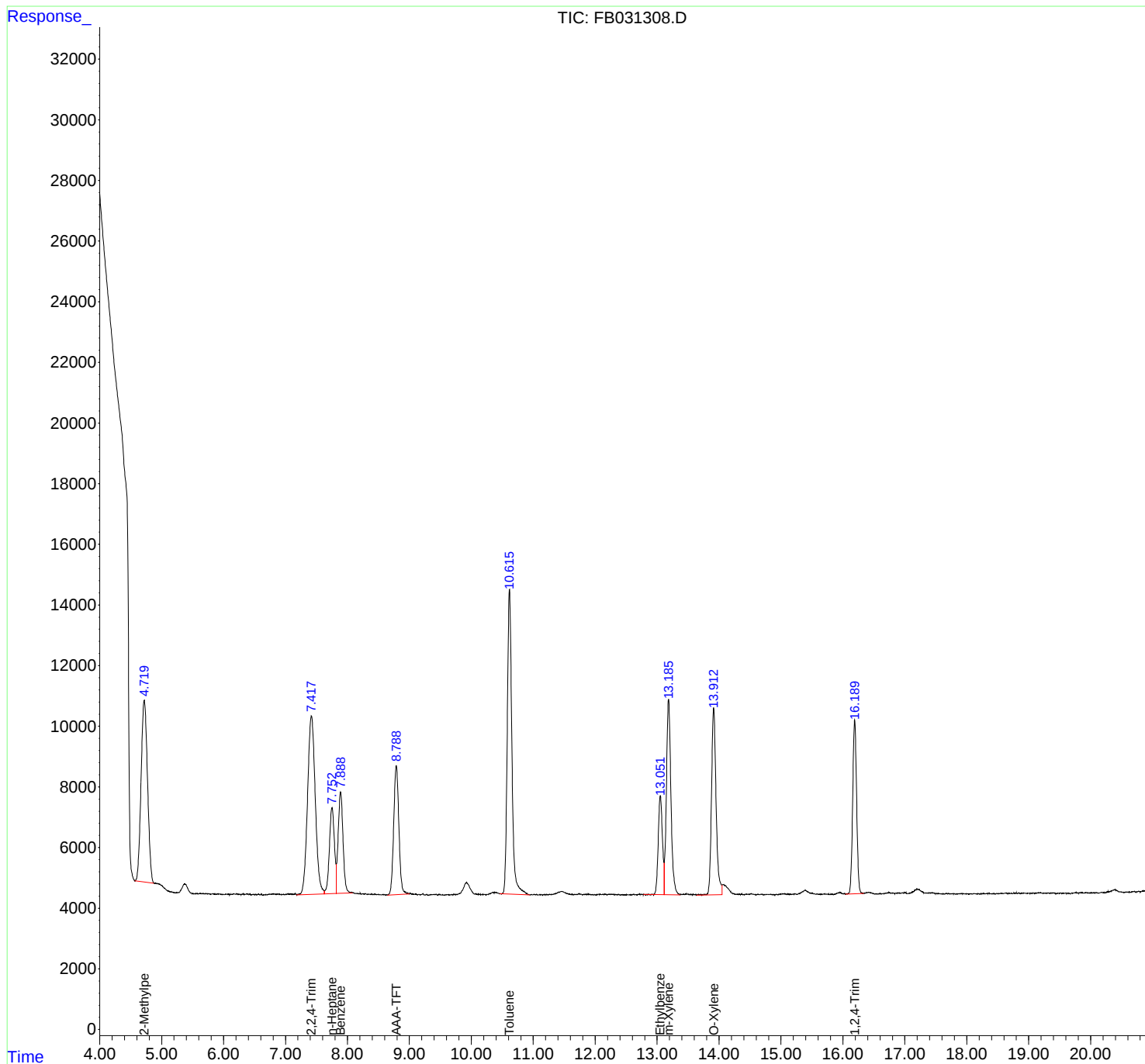
(m)=manual int.

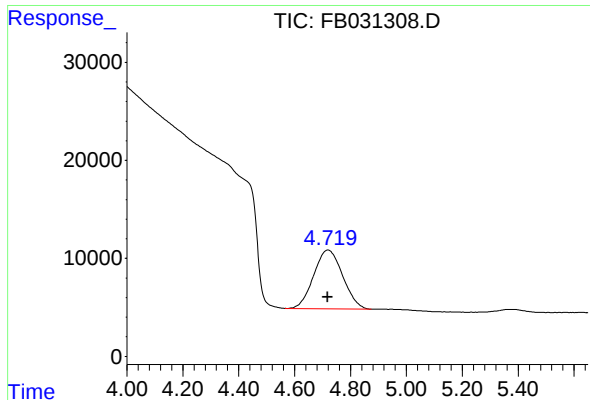
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031308.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 10:47
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

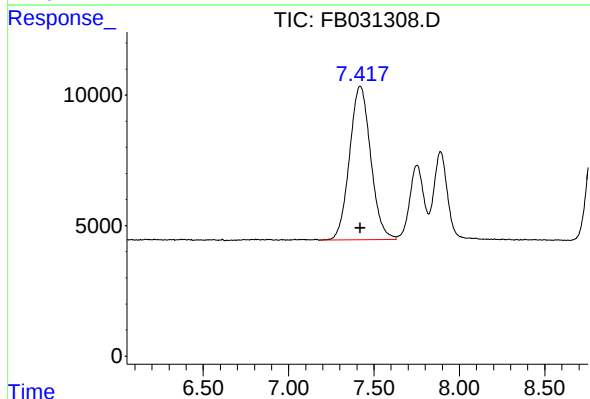




#1 2-Methylpentane

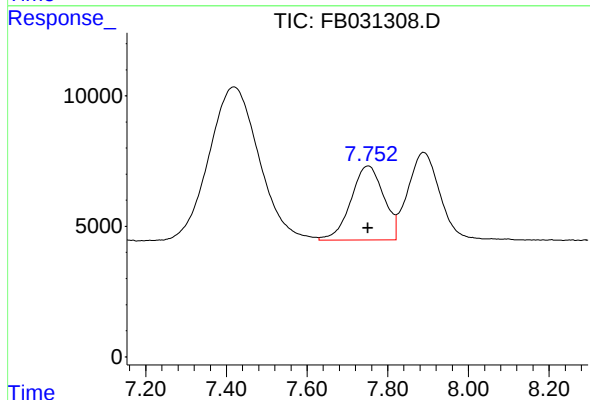
R.T.: 4.720 min
Delta R.T.: 0.002 min
Response: 431842
Conc: 14.01 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



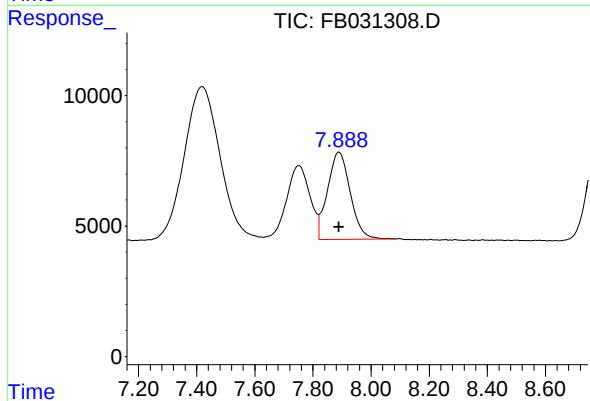
#2 2,2,4-Trimethylpentane

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



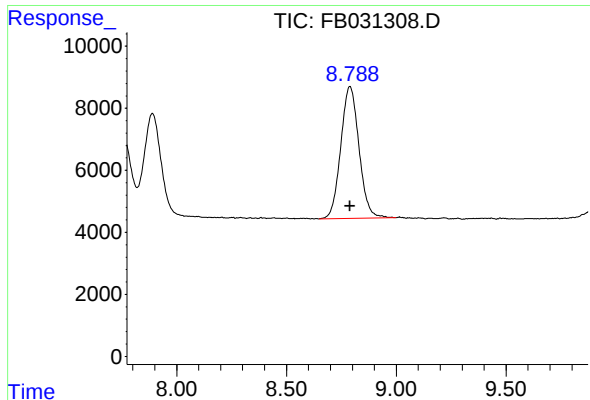
#3 n-Heptane

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



#4 Benzene

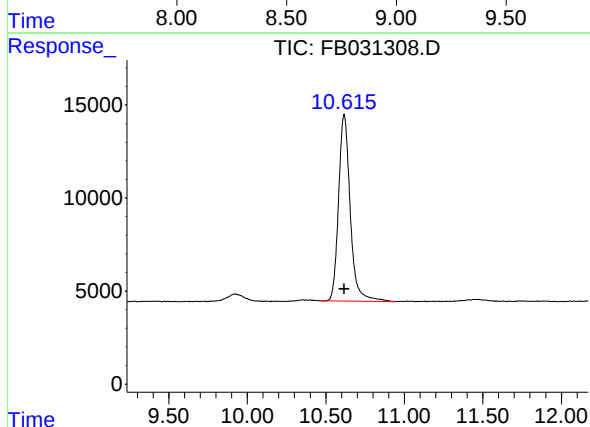
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 182595
Conc: 4.67 ng/ml



#5 AAA-TFT

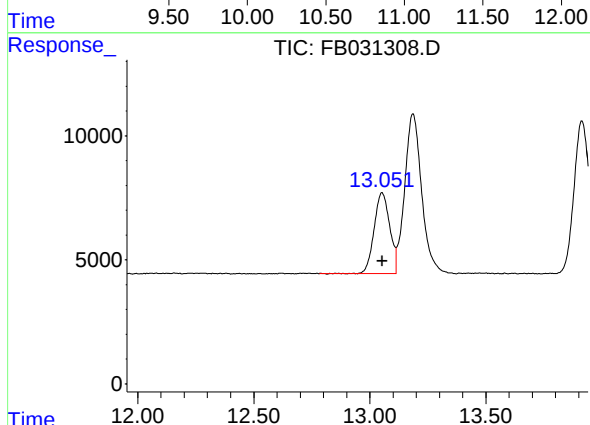
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 244936
Conc: 10.22 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



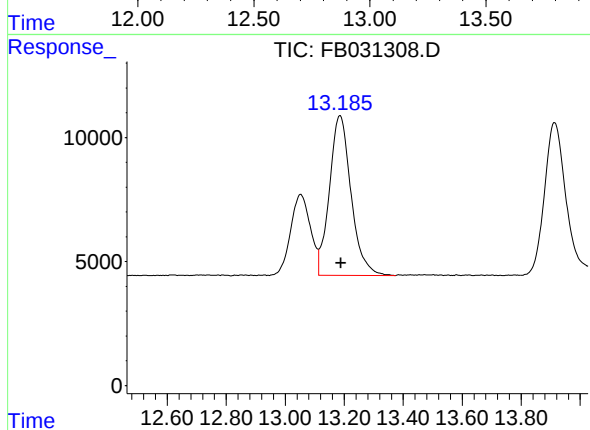
#6 Toluene

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



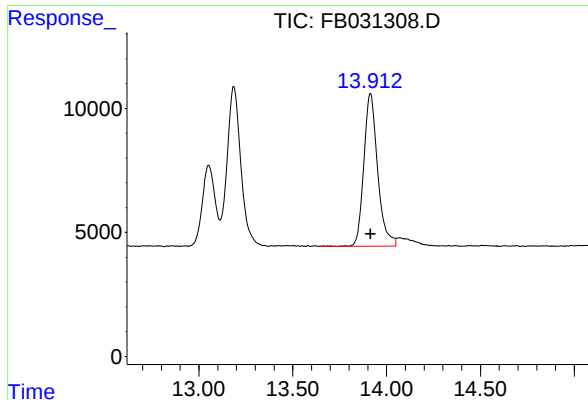
#7 Ethylbenzene

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



#8 m-Xylene

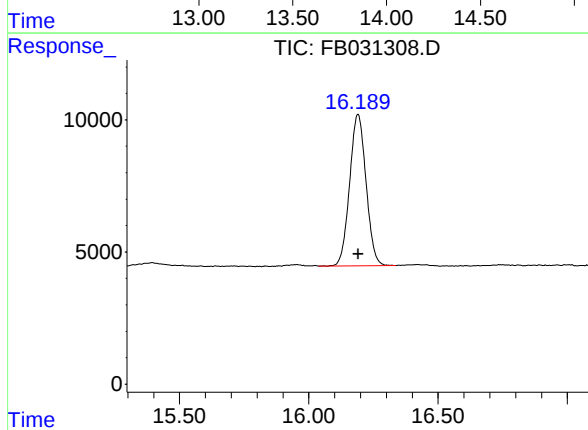
R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 328529
Conc: 8.96 ng/ml



#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

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

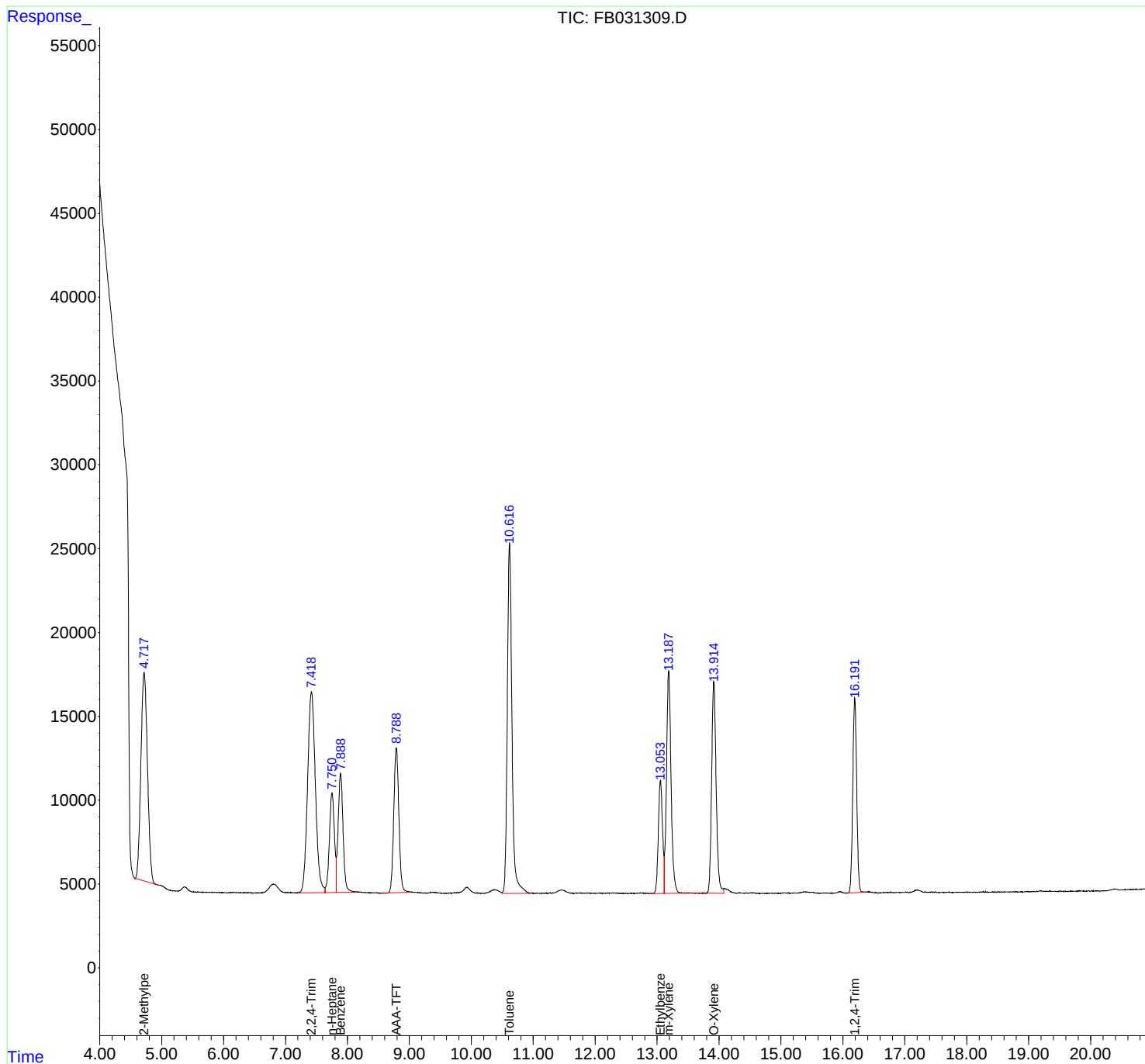
(m)=manual int.

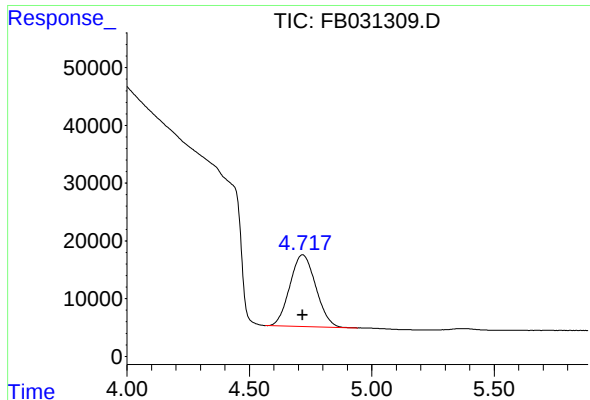
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031309.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:13
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

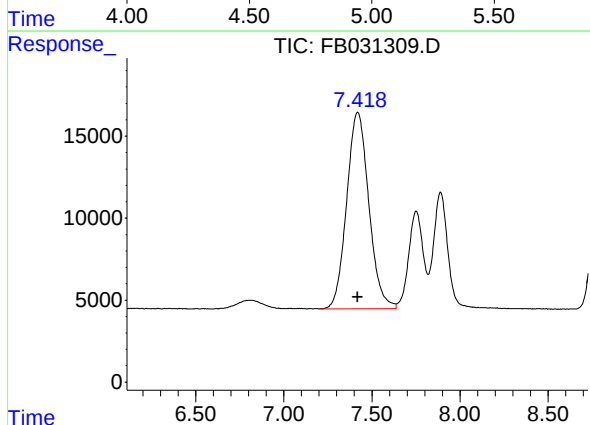




#1 2-Methylpentane

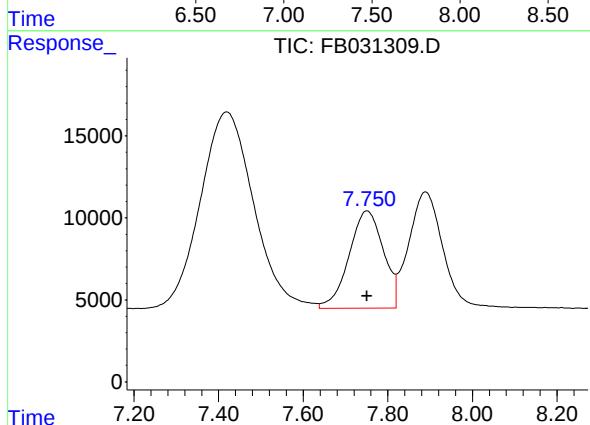
R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 915530
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



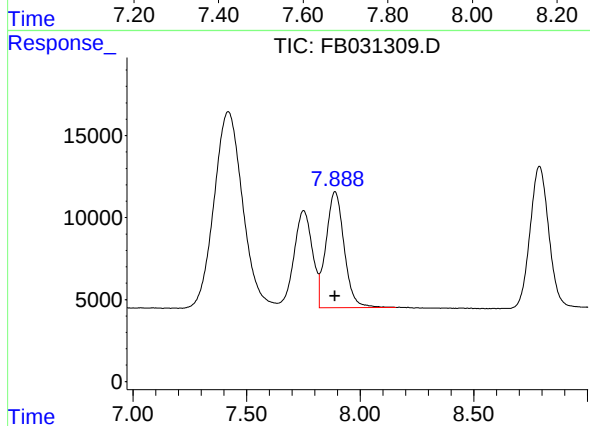
#2 2,2,4-Trimethylpentane

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



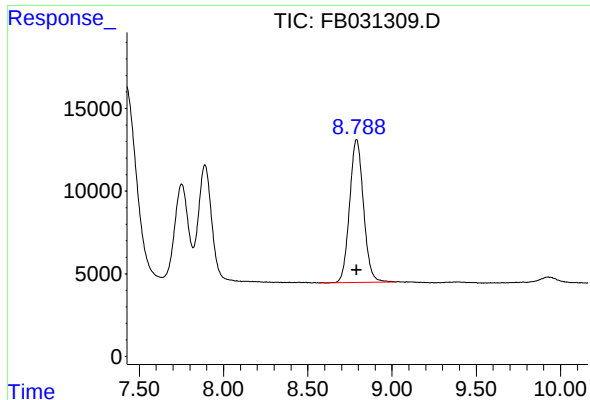
#3 n-Heptane

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



#4 Benzene

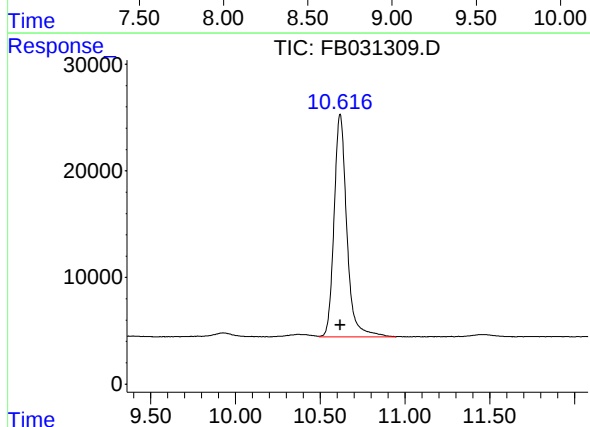
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 394556
Conc: 10.00 ng/ml



#5 AAA-TFT

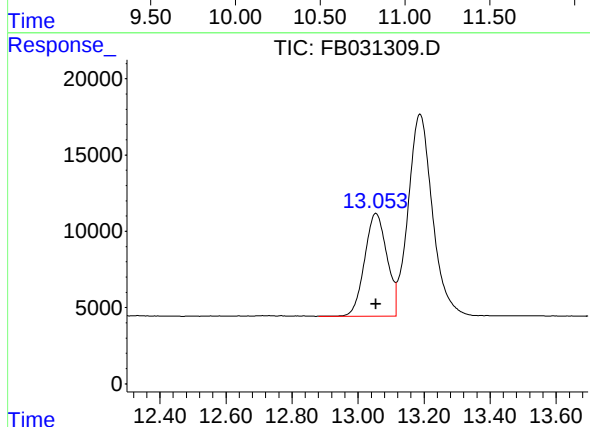
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 495333
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



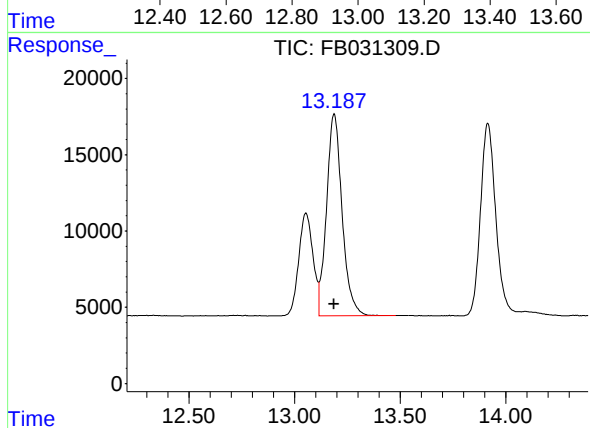
#6 Toluene

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



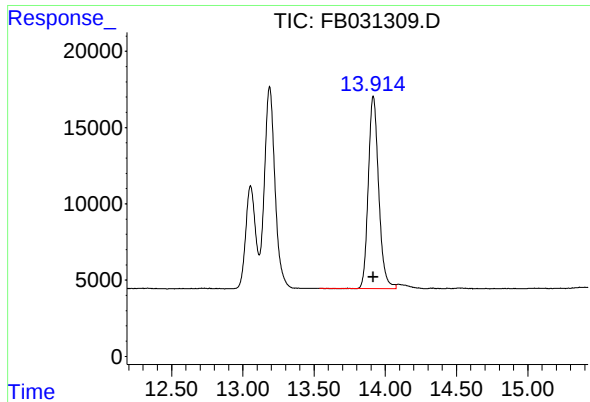
#7 Ethylbenzene

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



#8 m-Xylene

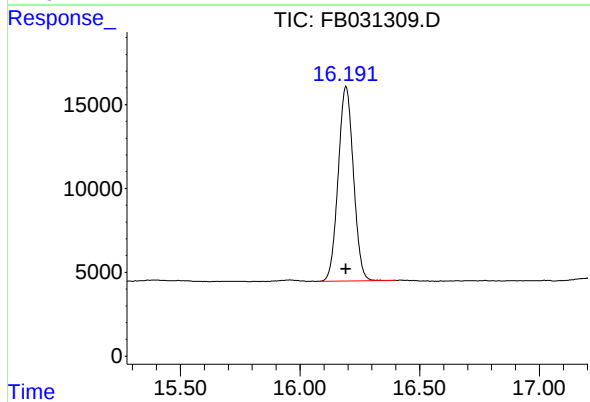
R.T.: 13.188 min
Delta R.T.: 0.000 min
Response: 679935
Conc: 20.00 ng/ml



#9 O-Xylene

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

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

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

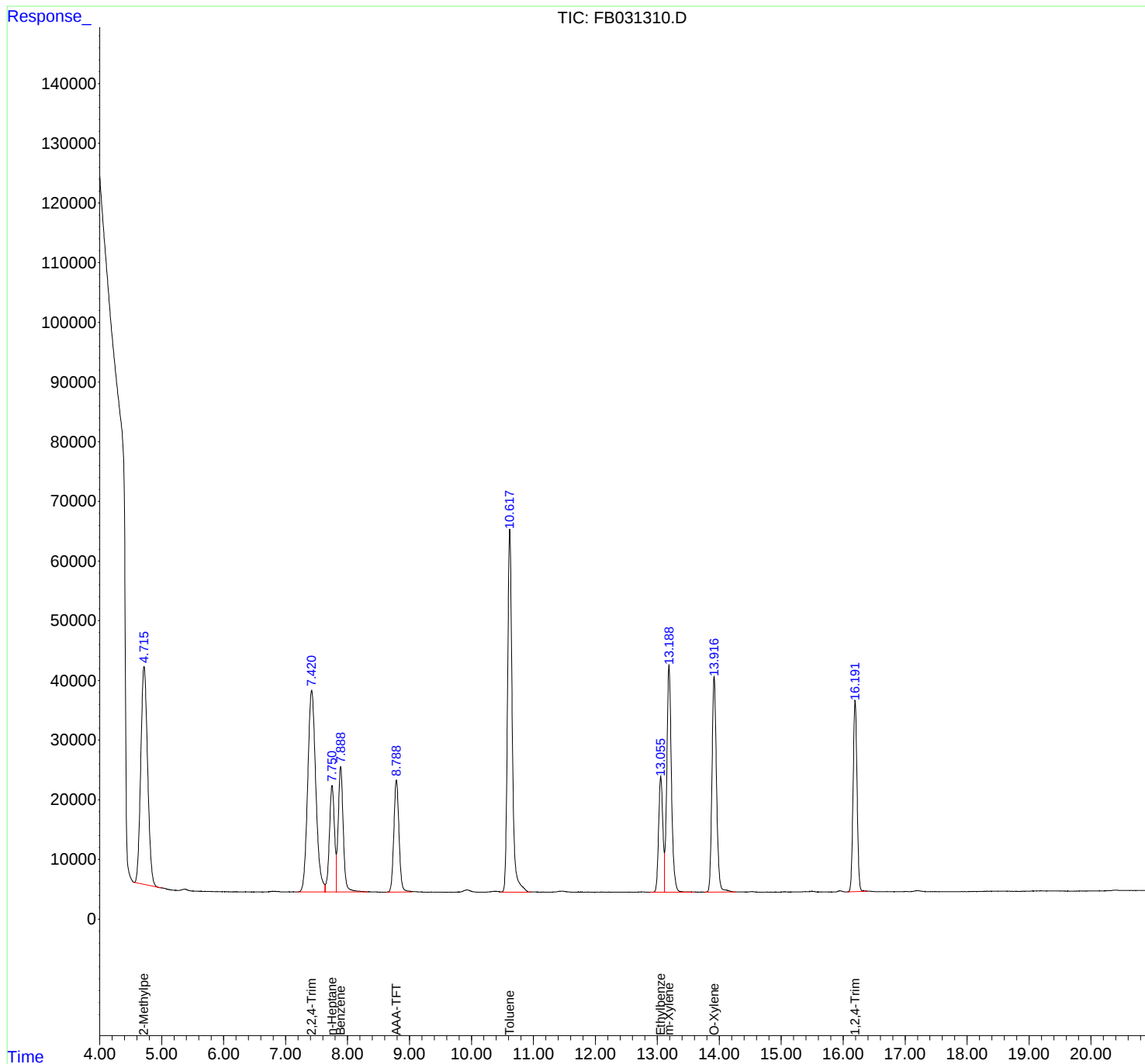
(m)=manual int.

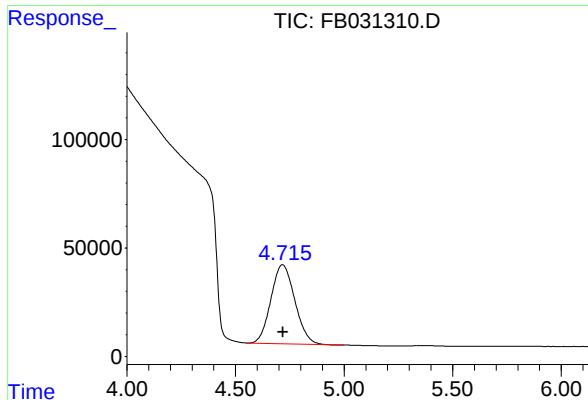
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031310.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 11:40
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

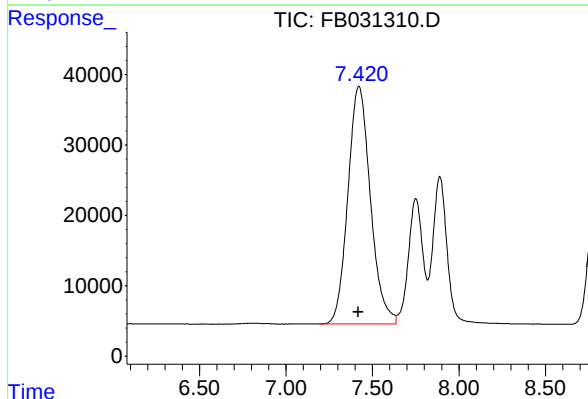




#1 2-Methylpentane

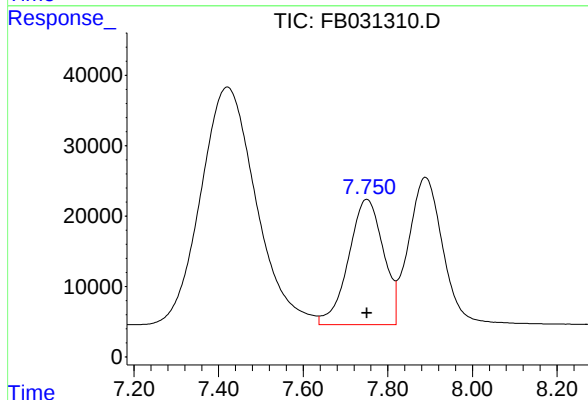
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 2794680
Conc: 92.69 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



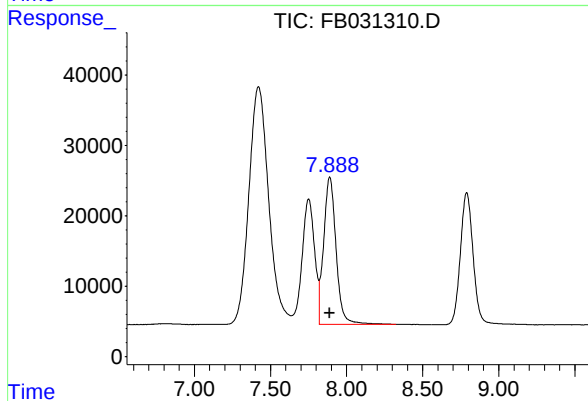
#2 2,2,4-Trimethylpentane

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



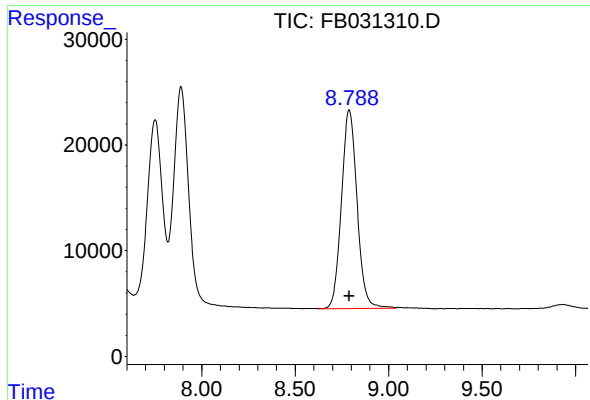
#3 n-Heptane

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



#4 Benzene

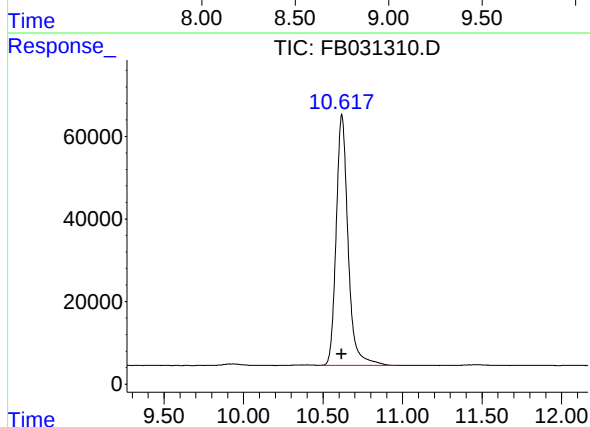
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 1195371
Conc: 31.25 ng/ml



#5 AAA-TFT

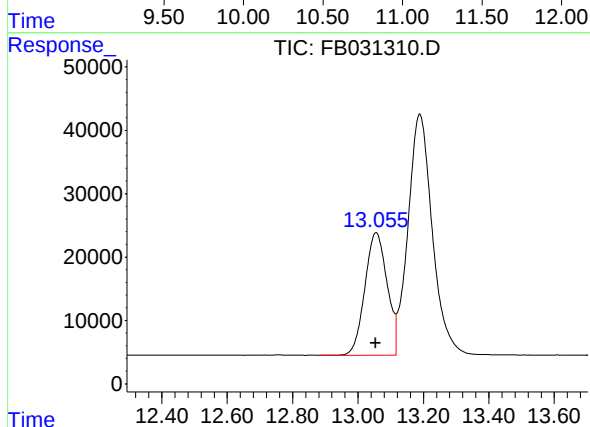
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 1088363
Conc: 45.07 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



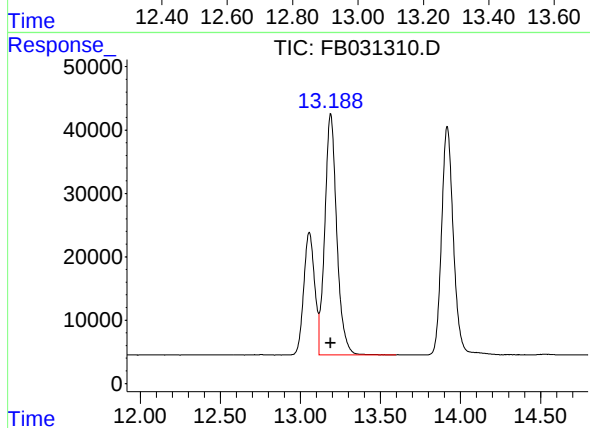
#6 Toluene

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



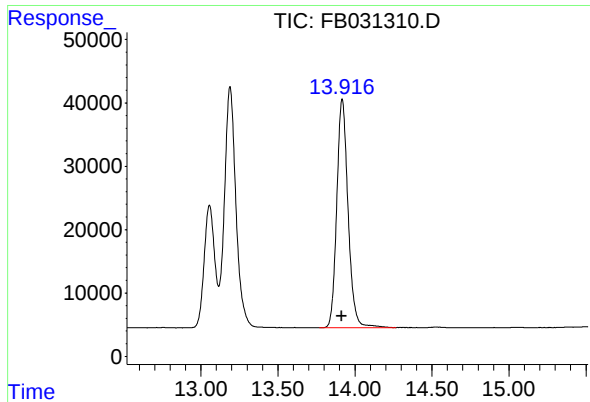
#7 Ethylbenzene

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



#8 m-Xylene

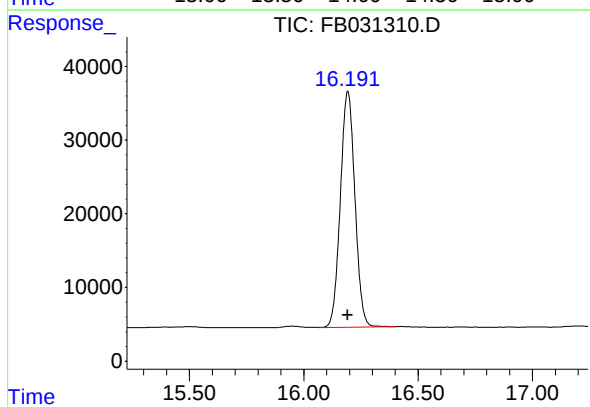
R.T.: 13.189 min
Delta R.T.: 0.001 min
Response: 1979254
Conc: 55.92 ng/ml



#9 O-Xylene

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

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

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

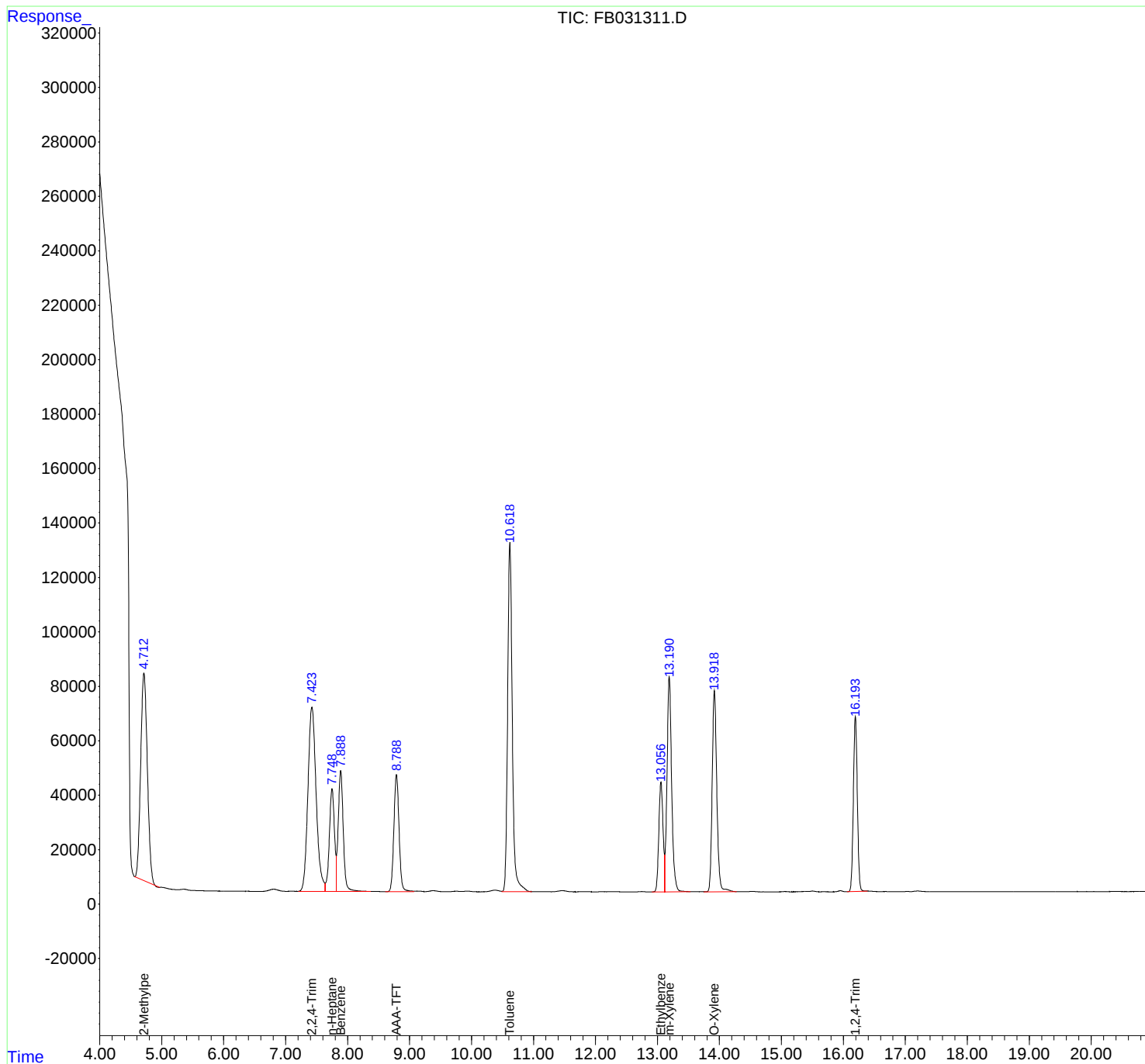
(m)=manual int.

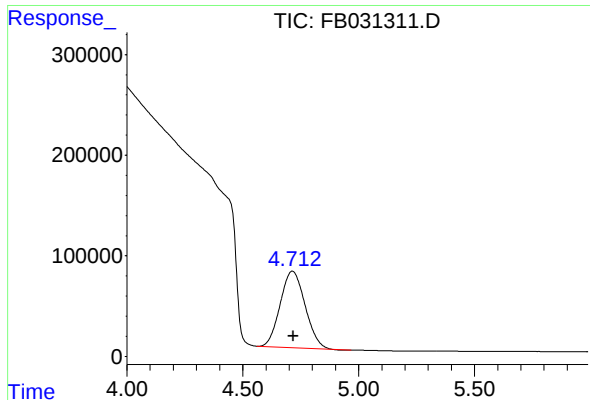
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031311.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:07
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

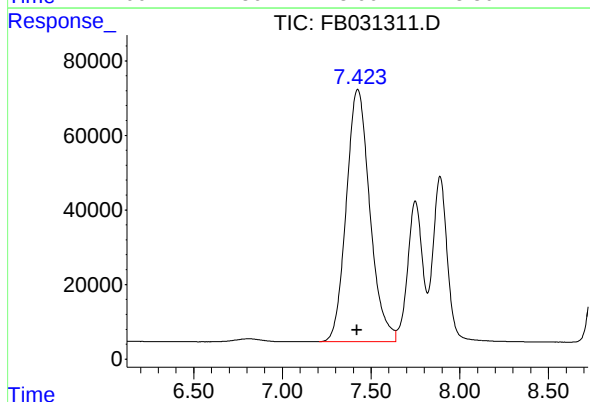




#1 2-Methylpentane

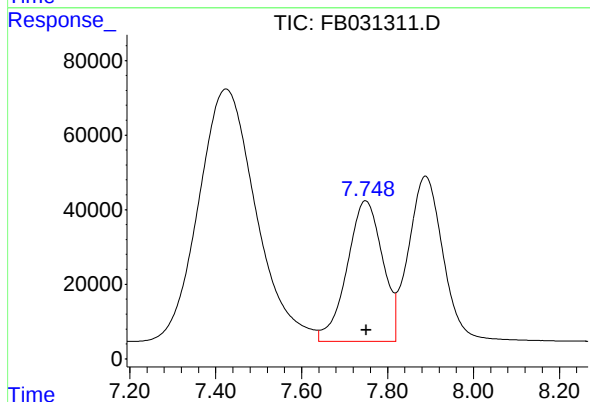
R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 5701862
Conc: 178.58 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



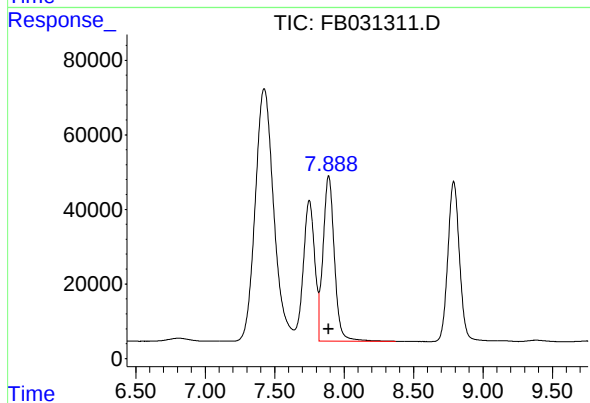
#2 2,2,4-Trimethylpentane

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



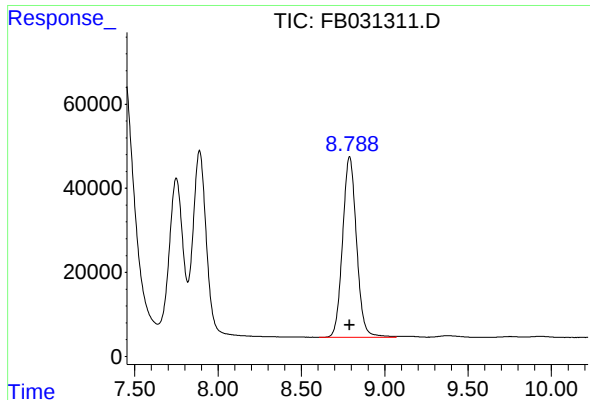
#3 n-Heptane

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



#4 Benzene

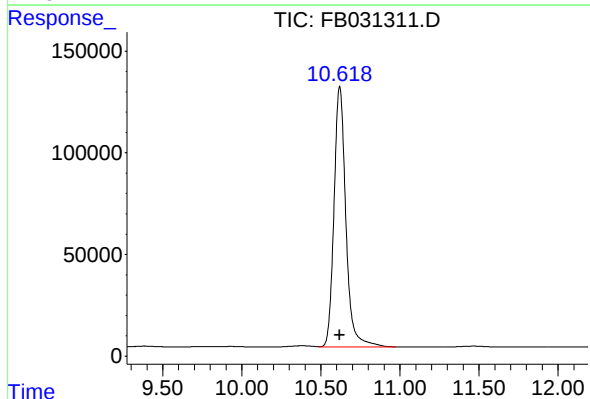
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 2519199
Conc: 61.99 ng/ml



#5 AAA-TFT

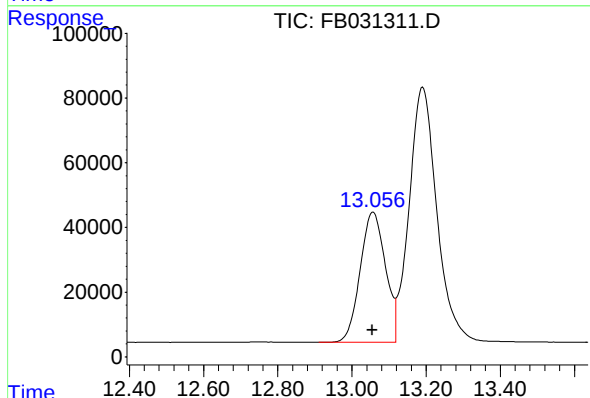
R.T.: 8.789 min
Delta R.T.: 0.000 min
Response: 2505507
Conc: 106.38 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



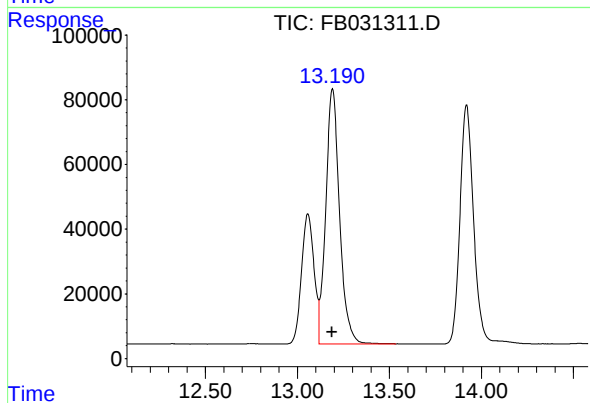
#6 Toluene

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



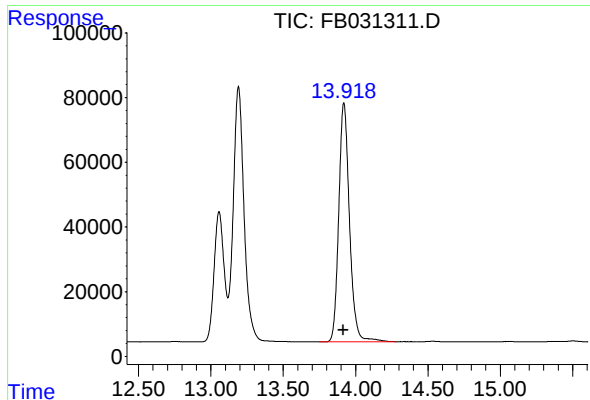
#7 Ethylbenzene

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



#8 m-Xylene

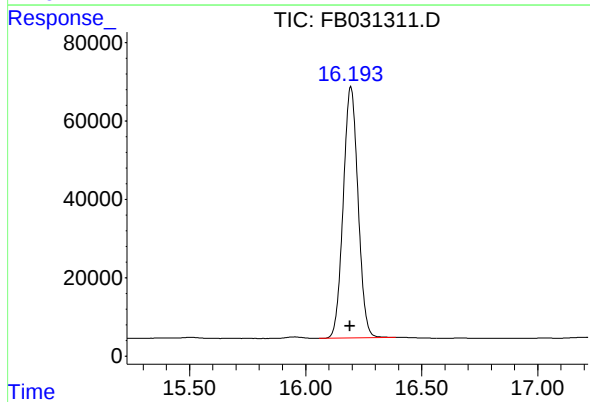
R.T.: 13.191 min
Delta R.T.: 0.003 min
Response: 4113116
Conc: 112.87 ng/ml



#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

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

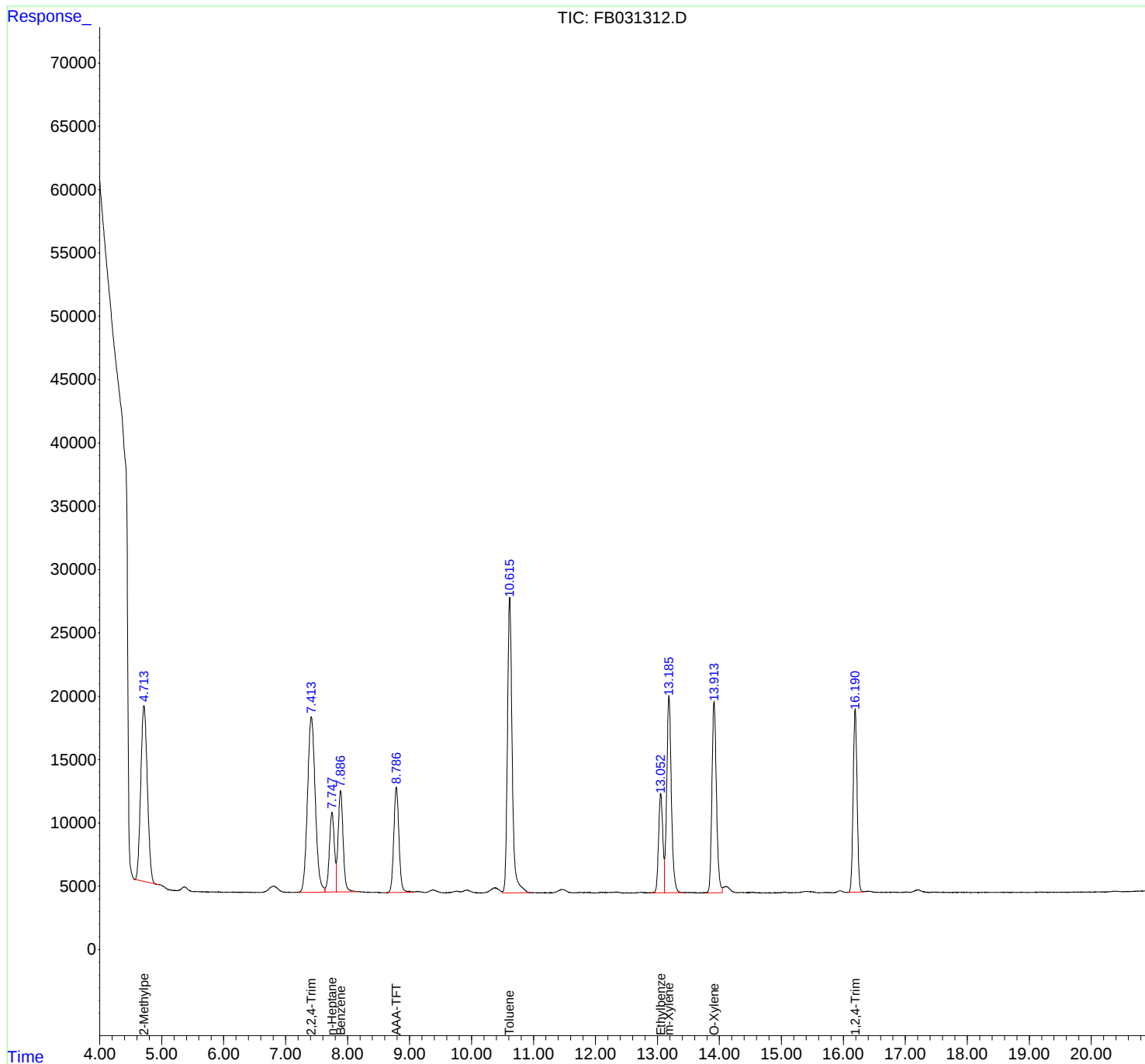
(m)=manual int.

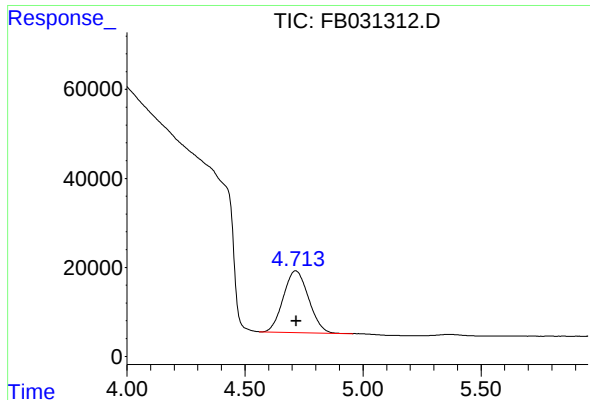
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB011525\
Data File : FB031312.D
Signal(s) : FID2B.CH
Acq On : 15 Jan 2025 12:44
Operator : YP/AJ
Sample : FB011525GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

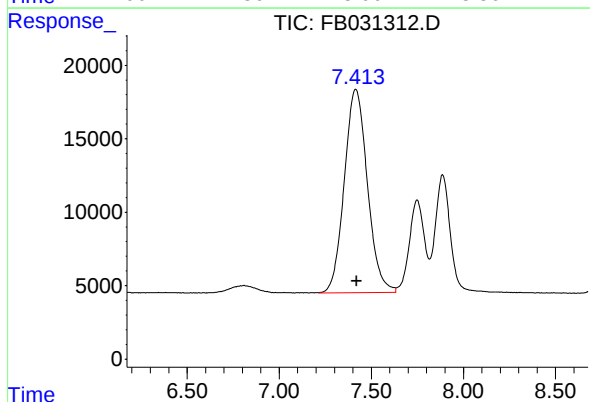




#1 2-Methylpentane

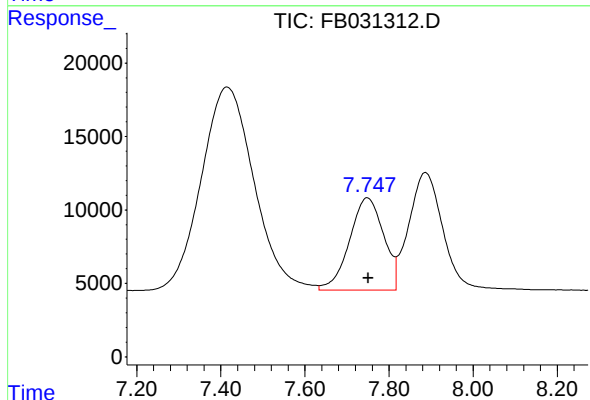
R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 1029585
Conc: 31.06 ng/ml

Instrument :
FID_B
ClientSampleId :
FB011525GROICV



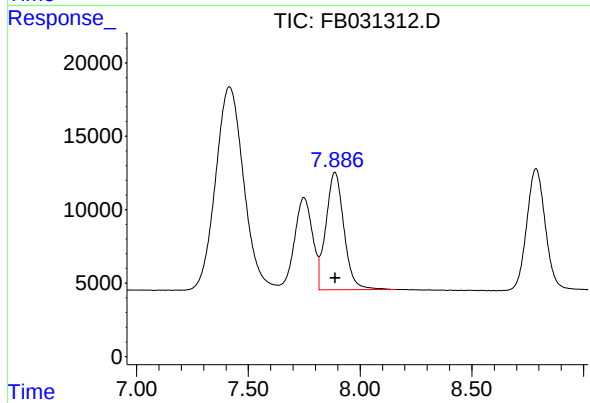
#2 2,2,4-Trimethylpentane

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



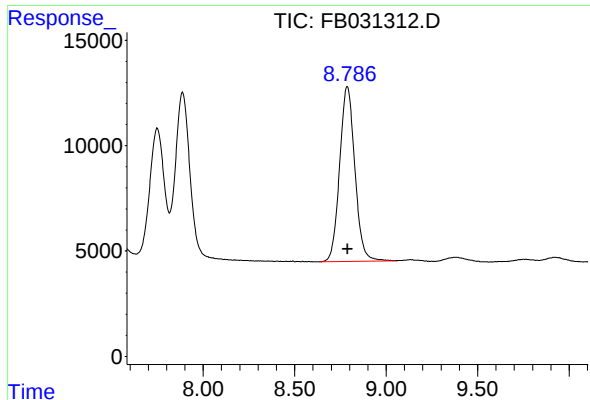
#3 n-Heptane

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



#4 Benzene

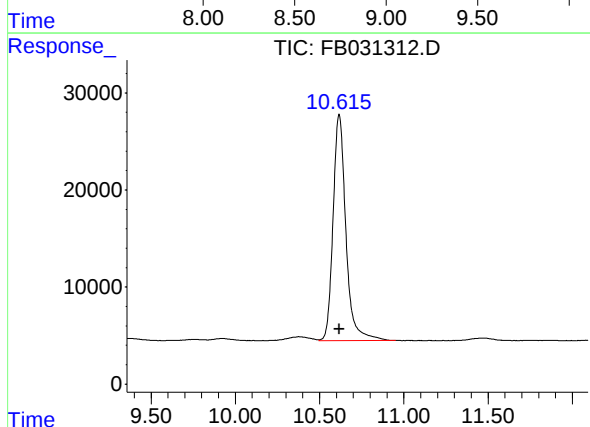
R.T.: 7.887 min
Delta R.T.: -0.003 min
Response: 448910
Conc: 10.54 ng/ml



#5 AAA-TFT

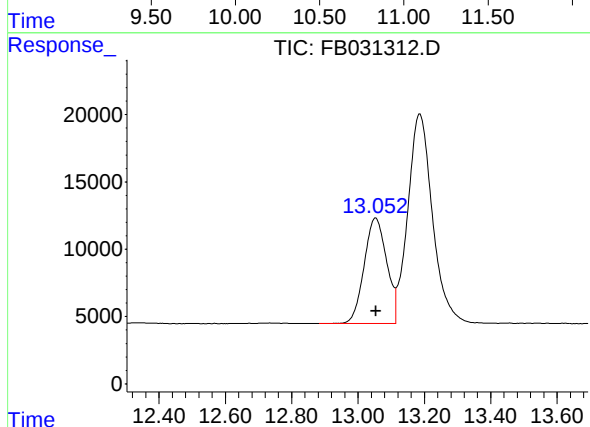
R.T.: 8.788 min
Delta R.T.: -0.002 min
Response: 479840
Conc: 20.12 ng/ml

Instrument :
FID_B
ClientSampleId :
FB011525GROICV



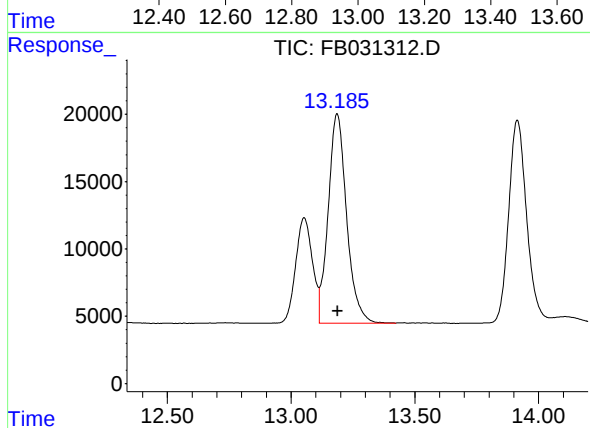
#6 Toluene

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



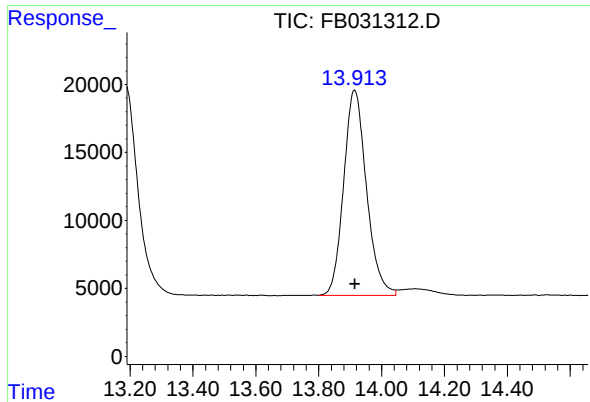
#7 Ethylbenzene

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



#8 m-Xylene

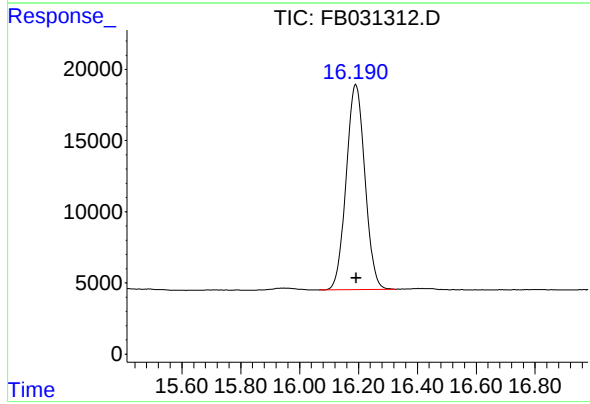
R.T.: 13.186 min
Delta R.T.: -0.002 min
Response: 805181
Conc: 21.54 ng/ml



#9 O-Xylene

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

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 : FB011525GR0ICV
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

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.: Q1215 SAS No.: Q1215 SDG No.: Q1215
DataFile: FB031381.D Analyst Name: YP/AJ Analyst Date: 01-30-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5826920	32372	35852	9.707

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.: Q1215 SAS No.: Q1215 SDG No.: Q1215
DataFile: FB031392.D Analyst Name: YP/AJ Analyst Date: 01-30-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5382208	29901	35852	16.599

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.: Q1215 SAS No.: Q1215 SDG No.: Q1215
DataFile: FB031403.D Analyst Name: YP/AJ Analyst Date: 01-30-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	6227984	34600	35852	3.492

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.: Q1215 SAS No.: Q1215 SDG No.: Q1215
DataFile: FB031411.D Analyst Name: YP/AJ Analyst Date: 01-31-2025

Conc. (PPB)	Area Count	RF	Average RF	%D
180	5862983	32572	35852	9.149

Analytical Sequence

Client: RU2 Engineering, LLC

SDG No.: Q1215

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	30 Jan 2025 9:08	FB031381.D	8.784	
VBF0130S2	VBF0130S2	30 Jan 2025 10:13	FB031383.D	8.790	
BSF0130S1	BSF0130S1	30 Jan 2025 10:40	FB031384.D	8.790	
20 PPB GRO STD	20 PPB GRO STD	30 Jan 2025 14:40	FB031392.D	8.790	
JPP-26.2-012825MS	Q1216-17MS	30 Jan 2025 19:06	FB031401.D	8.788	
JPP-26.2-012825MSD	Q1216-17MSD	30 Jan 2025 19:32	FB031402.D	8.790	
20 PPB GRO STD	20 PPB GRO STD	30 Jan 2025 19:59	FB031403.D	8.790	
JPP-29.1-012825	Q1215-01	30 Jan 2025 23:06	FB031408.D	8.789	
JPP-29.2-012825	Q1215-05	30 Jan 2025 23:33	FB031409.D	8.637	*
20 PPB GRO STD	20 PPB GRO STD	31 Jan 2025 00:26	FB031411.D	8.790	

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

QC Limits
(± 0.10 minutes)

Lower Limit
8.6886

Upper Limits
8.8886