

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: JACO05
 ProjectID: Former Schlumberger STC PTC Site D3868221
 Lab Code: CHEM Case No.: Q1812 SAS No.: Q1812 SDG No.: Q1812

Calibration Sequence : FB032625			Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID	
45	1388669	30859	FB031615.D	
90	2858735	31764	FB031616.D	
180	6249883	34722	FB031617.D	
450	16663695	37030	FB031618.D	
900	34044136	37827	FB031619.D	
AVG RF : 34440		% RSD : 8.978		AVG RT : 8.793

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

Instrument :
 FID_B
 ClientSampleId :
 5 GRO STD

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

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

	Compound	R.T.	Response	Conc Units

System Monitoring Compounds				
5) s	AAA-TFT	8.794	103791	5.013 ng/ml
Target Compounds				
1) t	2-Methylpentane	4.727	162221	6.342 ng/ml
2) t	2,2,4-Trimethylpentane	7.421	231759	6.415 ng/ml
3) t	n-Heptane	7.756	63215	1.980 ng/ml
4) t	Benzene	7.895	84970	2.030 ng/ml
6) t	Toluene	10.620	247281	6.178 ng/ml
7) t	Ethylbenzene	13.056	83145	2.302 ng/ml
8) t	m-Xylene	13.190	184447	4.662 ng/ml
9) t	O-Xylene	13.918	178826	4.787 ng/ml
10) t	1,2,4-Trimethylbenzene	16.194	152805	5.451 ng/ml

(f)=RT Delta > 1/2 Window

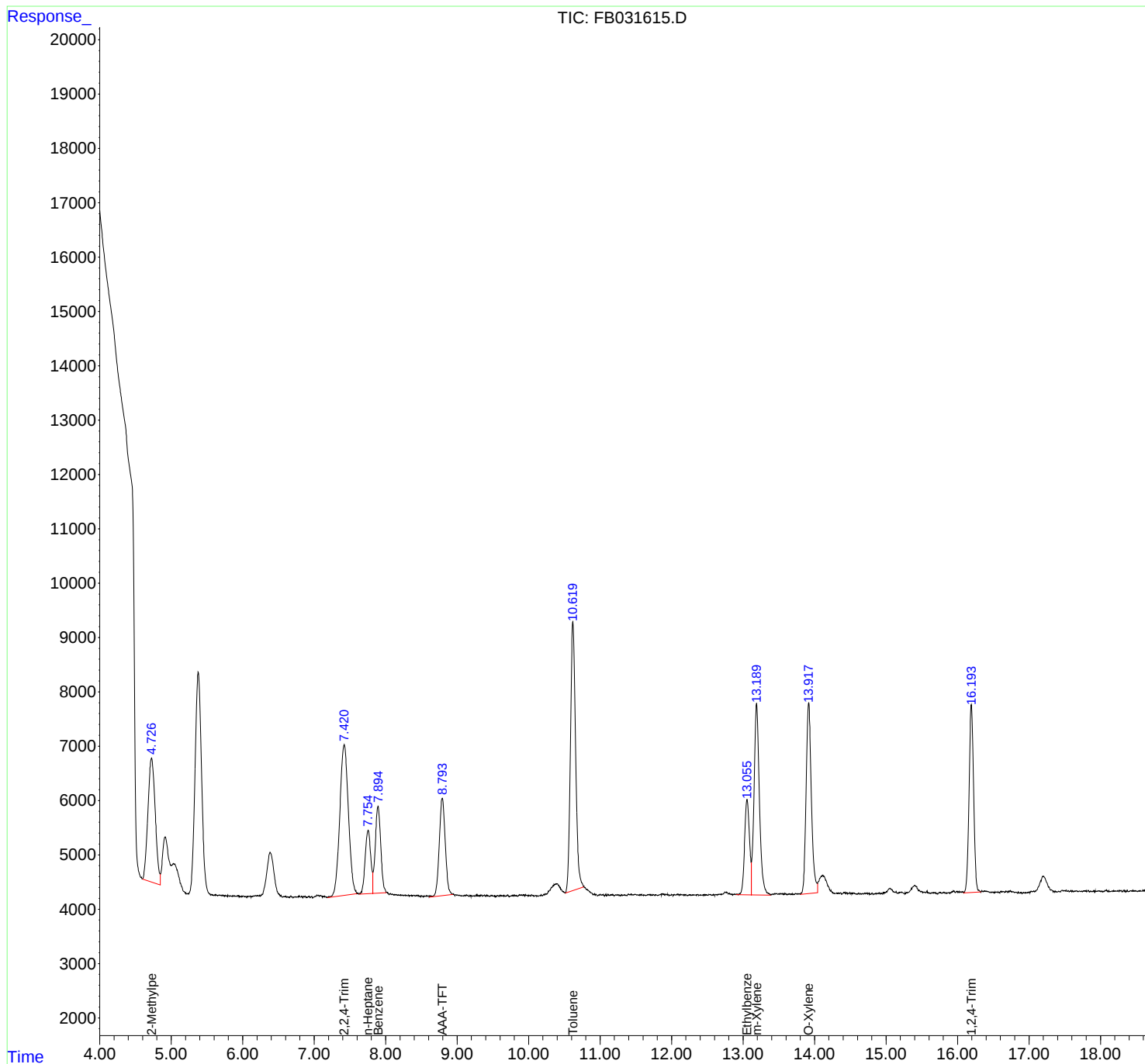
(m)=manual int.

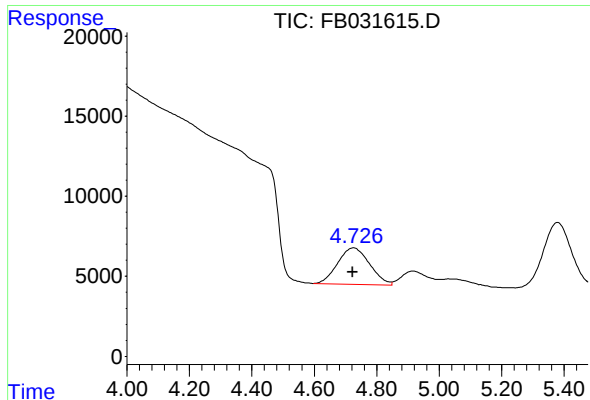
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031615.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 10:37
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

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

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

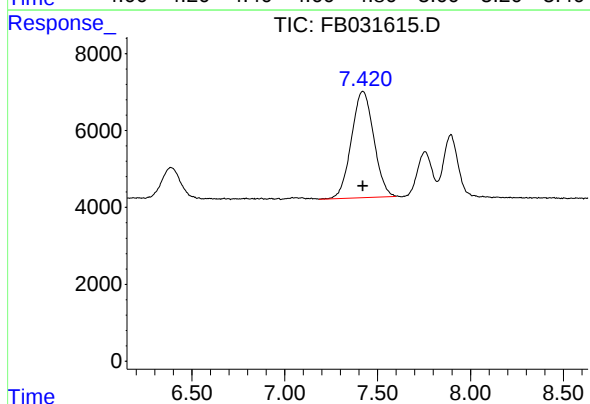




#1 2-Methylpentane

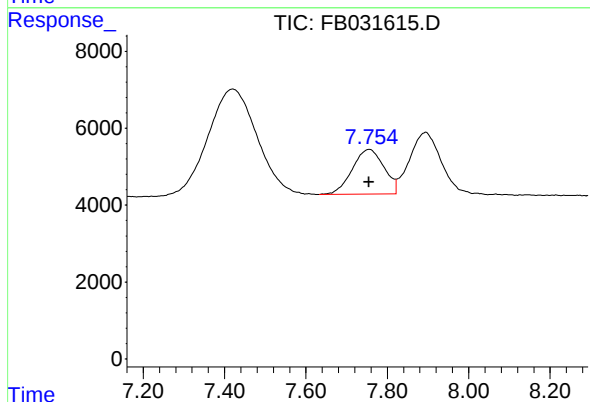
R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 162221
Conc: 6.34 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



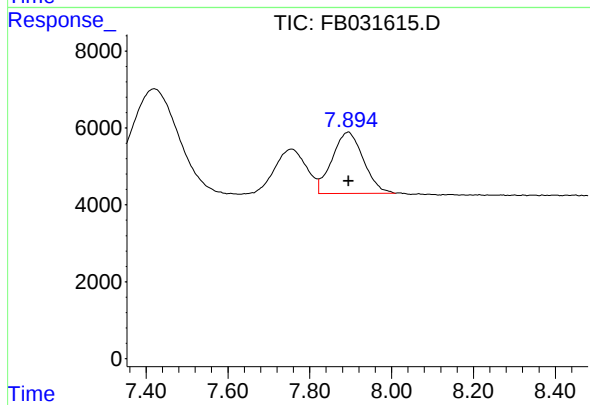
#2 2,2,4-Trimethylpentane

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



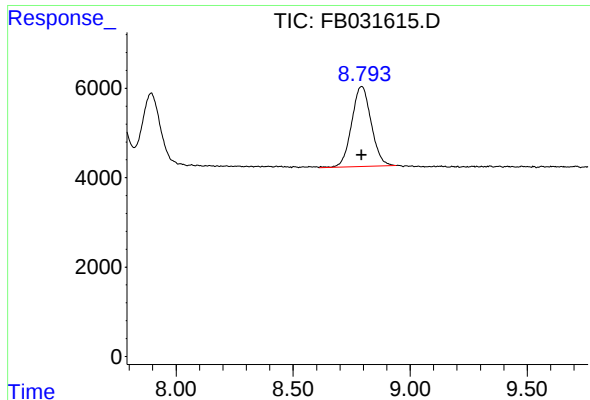
#3 n-Heptane

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



#4 Benzene

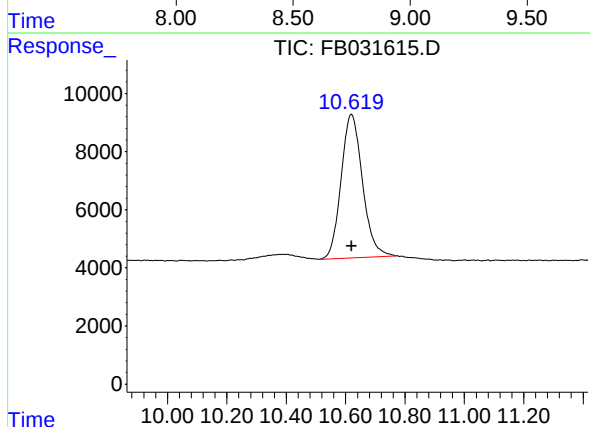
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 84970
Conc: 2.03 ng/ml



#5 AAA-TFT

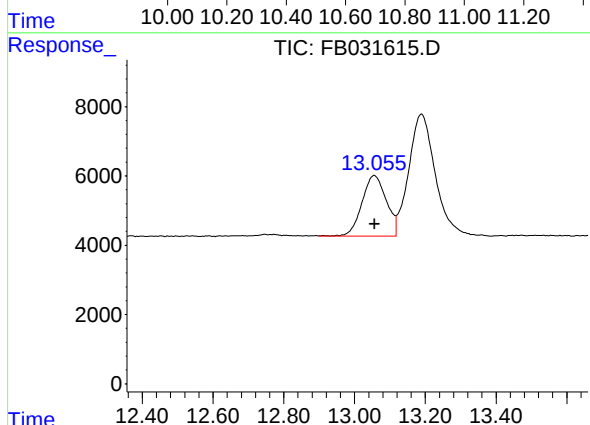
R.T.: 8.794 min
Delta R.T.: 0.002 min
Response: 103791
Conc: 5.01 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



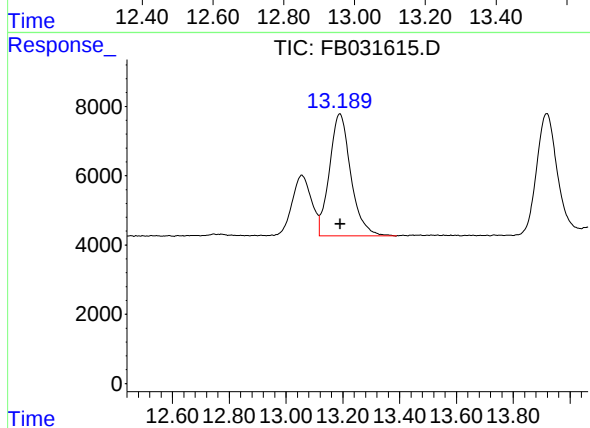
#6 Toluene

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



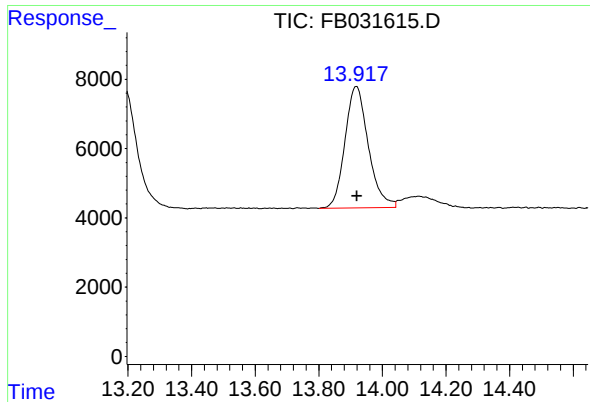
#7 Ethylbenzene

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



#8 m-Xylene

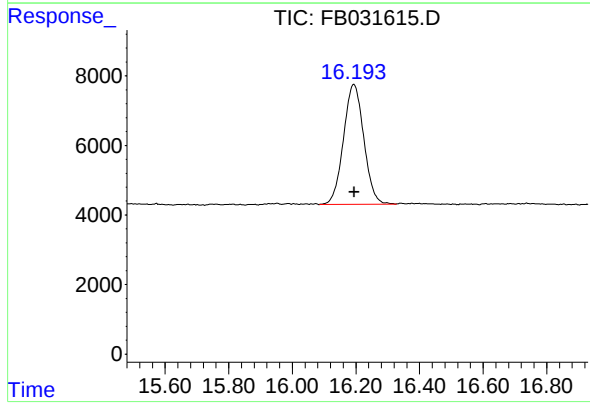
R.T.: 13.190 min
Delta R.T.: -0.001 min
Response: 184447
Conc: 4.66 ng/ml



#9 O-Xylene

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

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

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

rteres

Area Percent Report

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

Integration File: Calibration.e

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

Signal : FID2B.CH

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

Sum of corrected areas: 1492459

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

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

Instrument :
 FID_B
 ClientSampleId :
 10 GRO STD

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

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

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

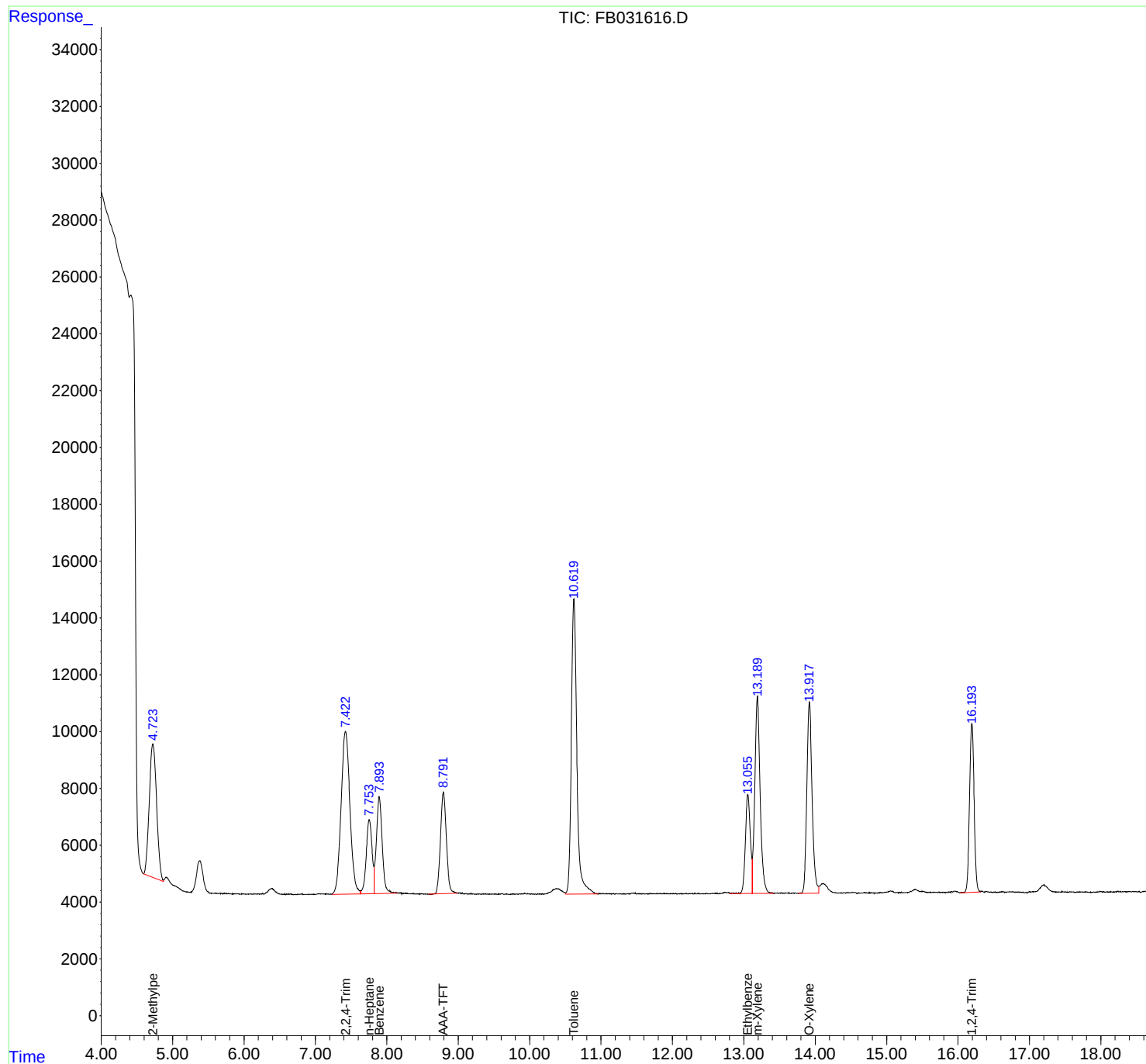
(m)=manual int.

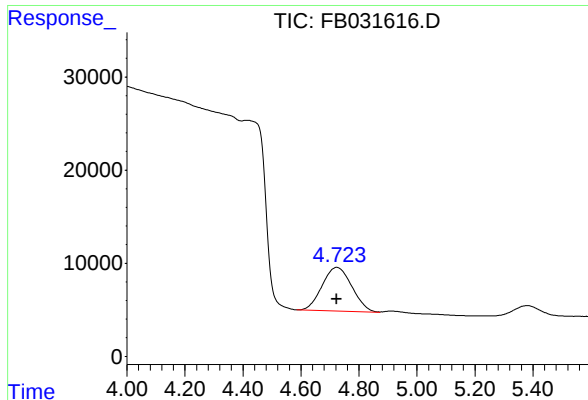
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031616.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:05
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

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

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

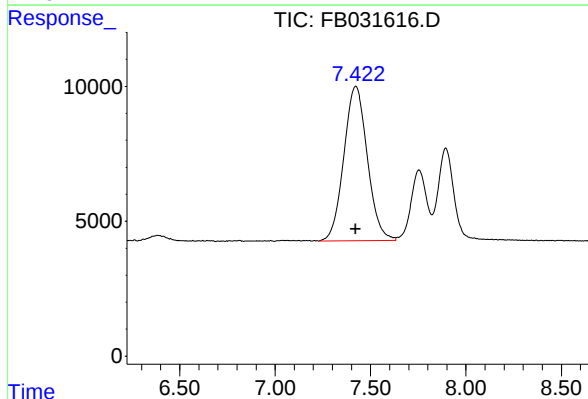




#1 2-Methylpentane

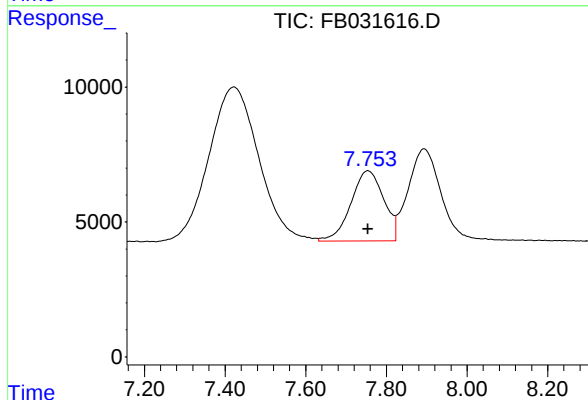
R.T.: 4.724 min
Delta R.T.: 0.001 min
Response: 334475
Conc: 14.17 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



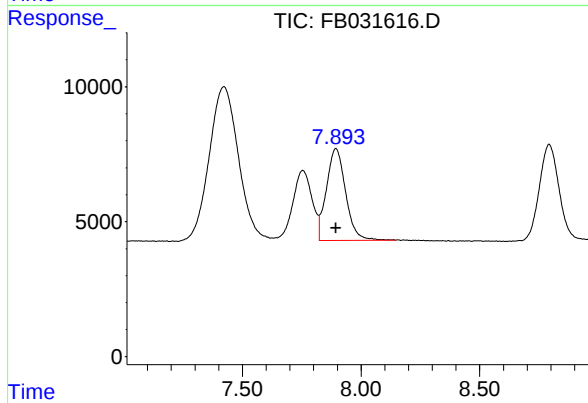
#2 2,2,4-Trimethylpentane

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



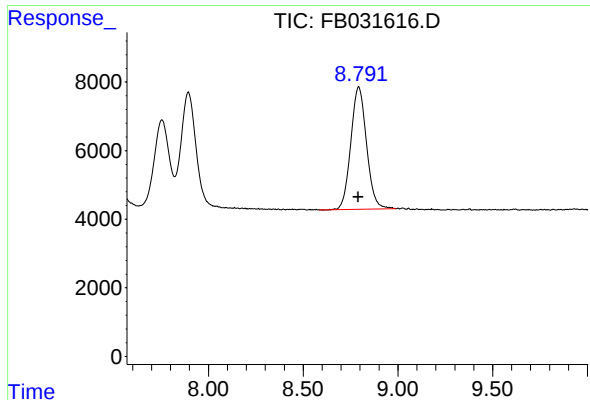
#3 n-Heptane

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



#4 Benzene

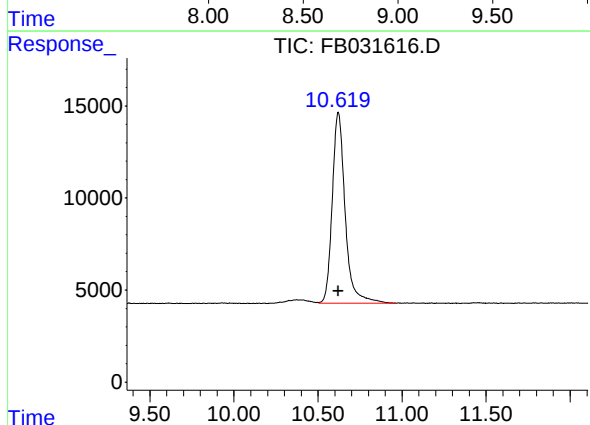
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 192370
Conc: 5.07 ng/ml



#5 AAA-TFT

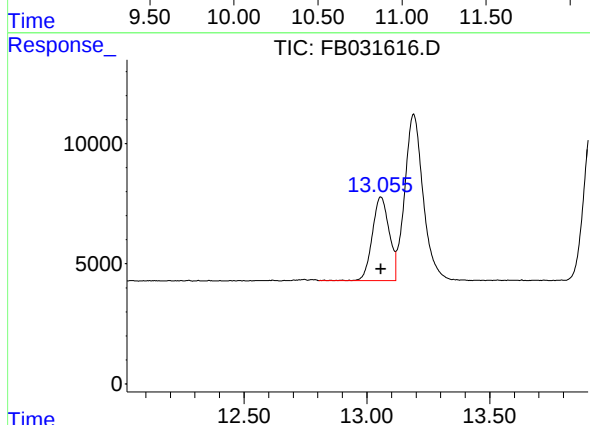
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 205792
Conc: 9.93 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



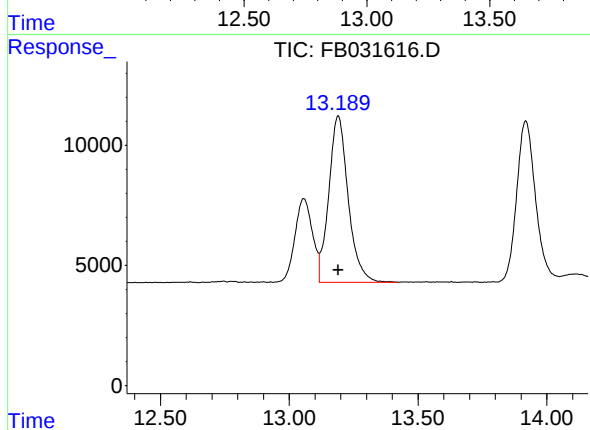
#6 Toluene

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



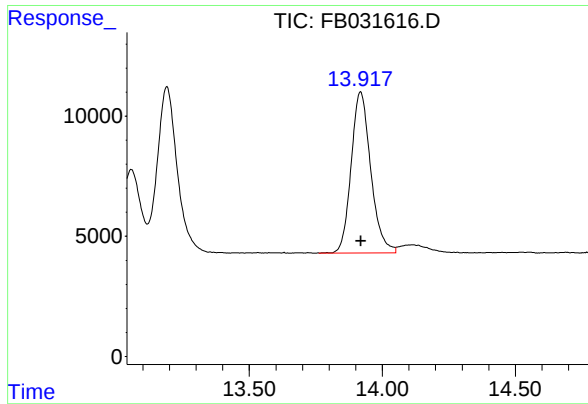
#7 Ethylbenzene

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



#8 m-Xylene

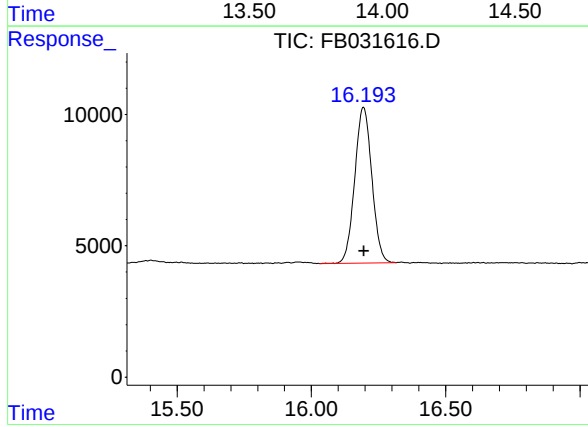
R.T.: 13.190 min
Delta R.T.: 0.000 min
Response: 362675
Conc: 9.49 ng/ml



#9 O-Xylene

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

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

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

rteres

Area Percent Report

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

Integration File: Calibration.e

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

Signal : FID2B.CH

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

Sum of corrected areas: 3064527

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

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

Instrument :
 FID_B
 ClientSampleId :
 20 GRO STD

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

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

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

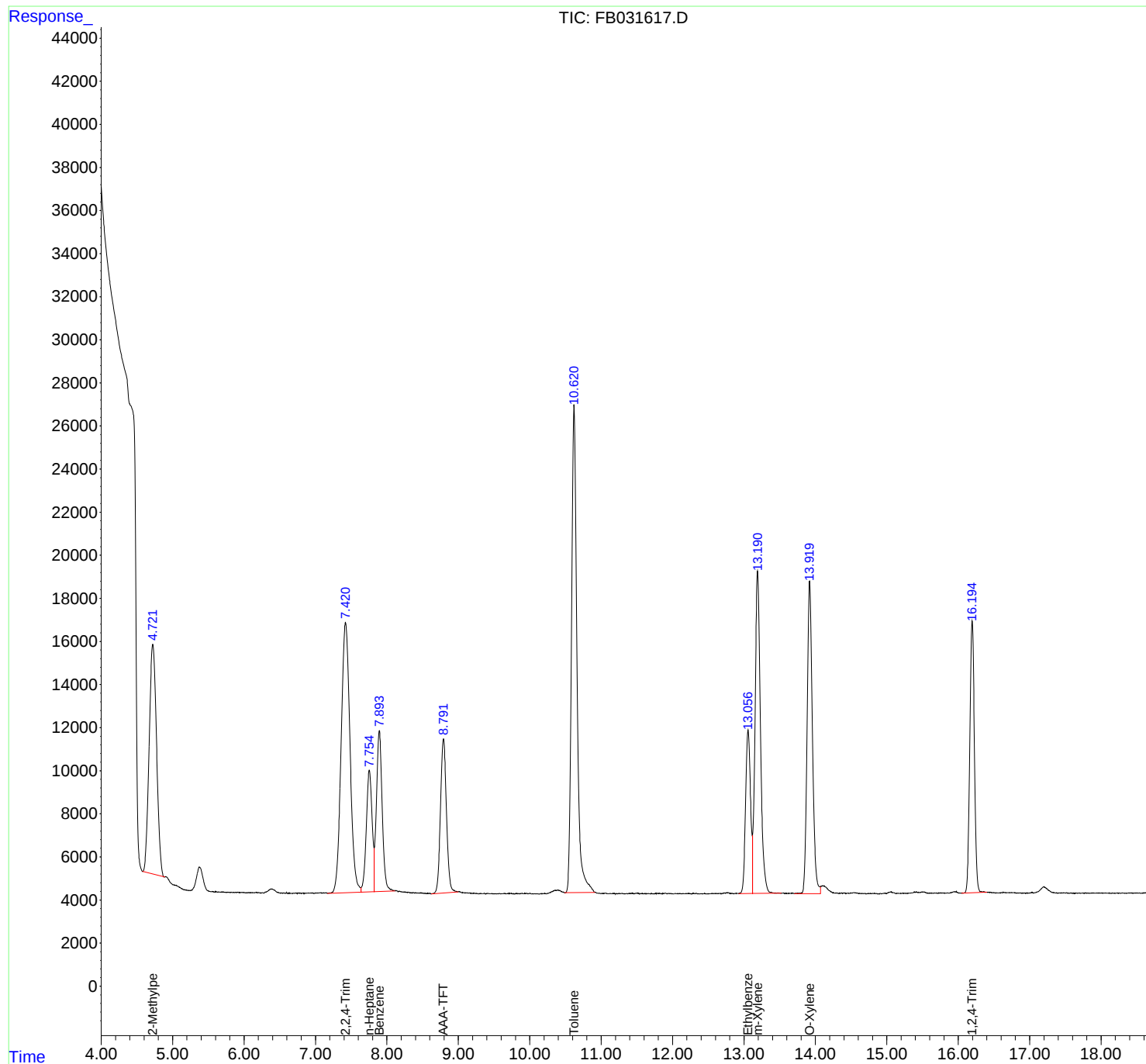
(m)=manual int.

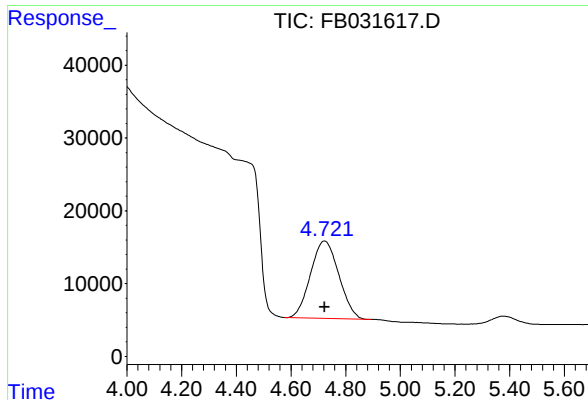
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031617.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:32
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

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

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

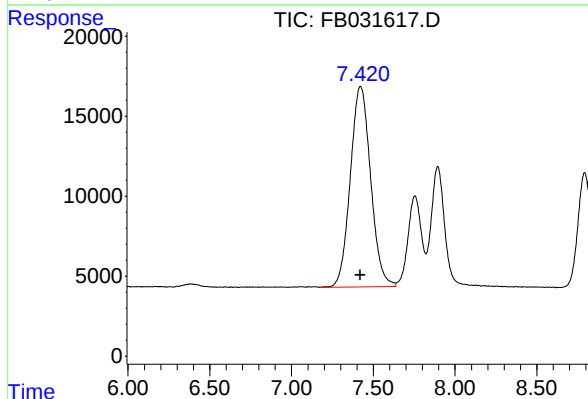




#1 2-Methylpentane

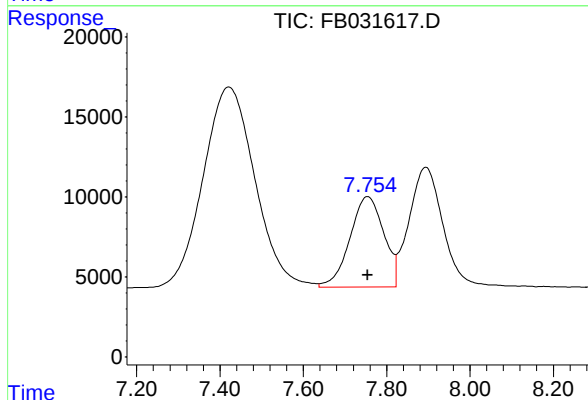
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 767326
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



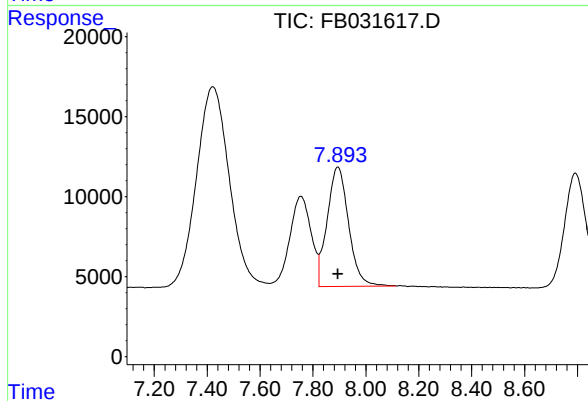
#2 2,2,4-Trimethylpentane

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



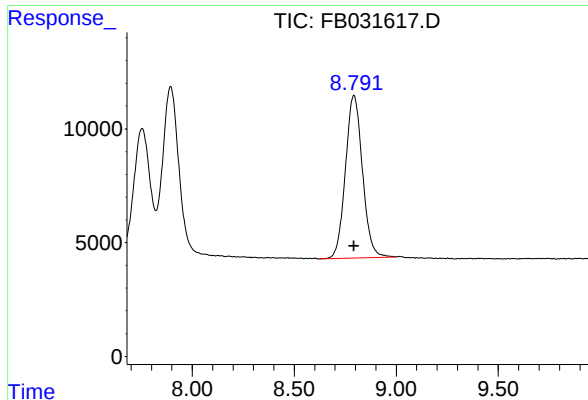
#3 n-Heptane

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



#4 Benzene

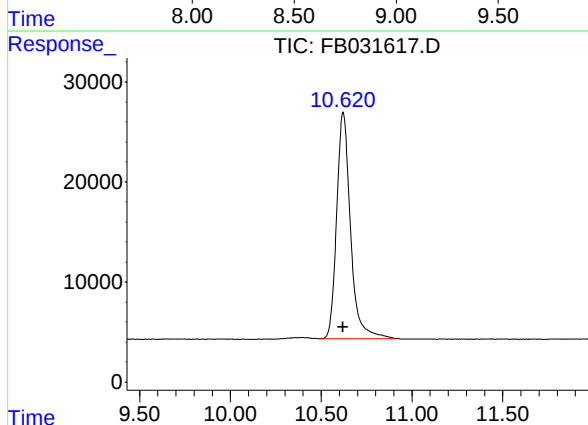
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 418593
Conc: 10.00 ng/ml



#5 AAA-TFT

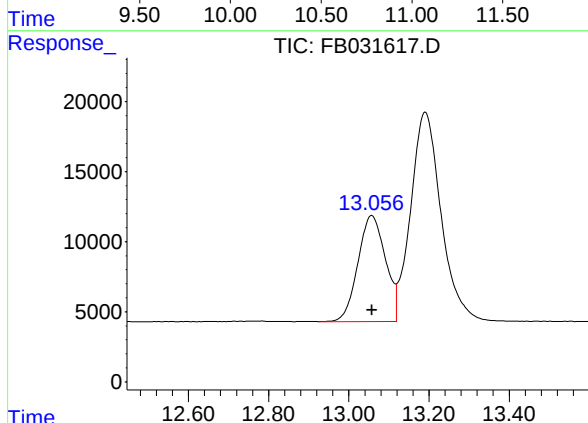
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 414071
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



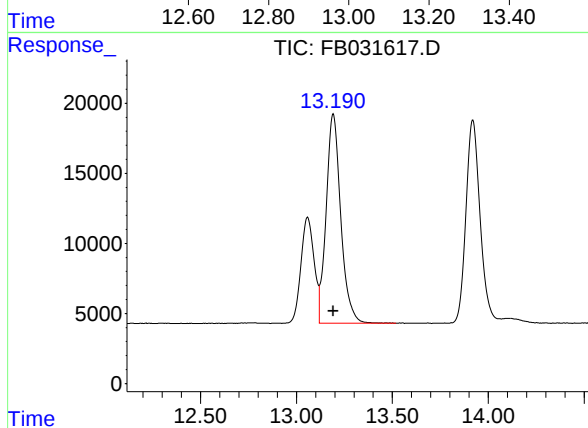
#6 Toluene

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



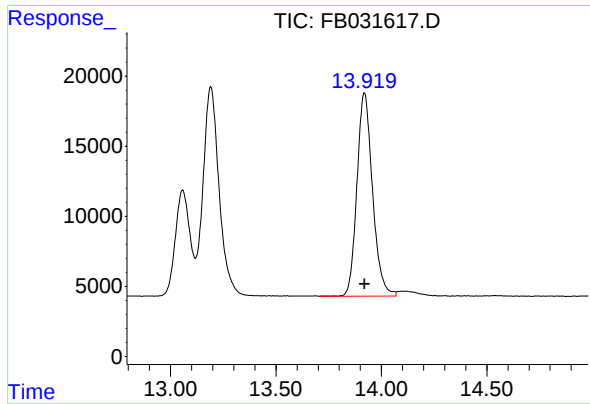
#7 Ethylbenzene

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



#8 m-Xylene

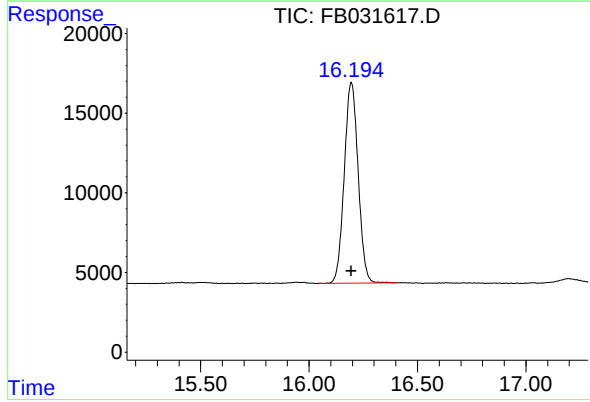
R.T.: 13.191 min
Delta R.T.: 0.000 min
Response: 791220
Conc: 20.00 ng/ml



#9 O-Xylene

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

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

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

rteres

Area Percent Report

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

Integration File: Calibration.e

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

Signal : FID2B.CH

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

Sum of corrected areas: 6663954

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

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

Instrument :
 FID_B
 ClientSampleId :
 50 GRO STD

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

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

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

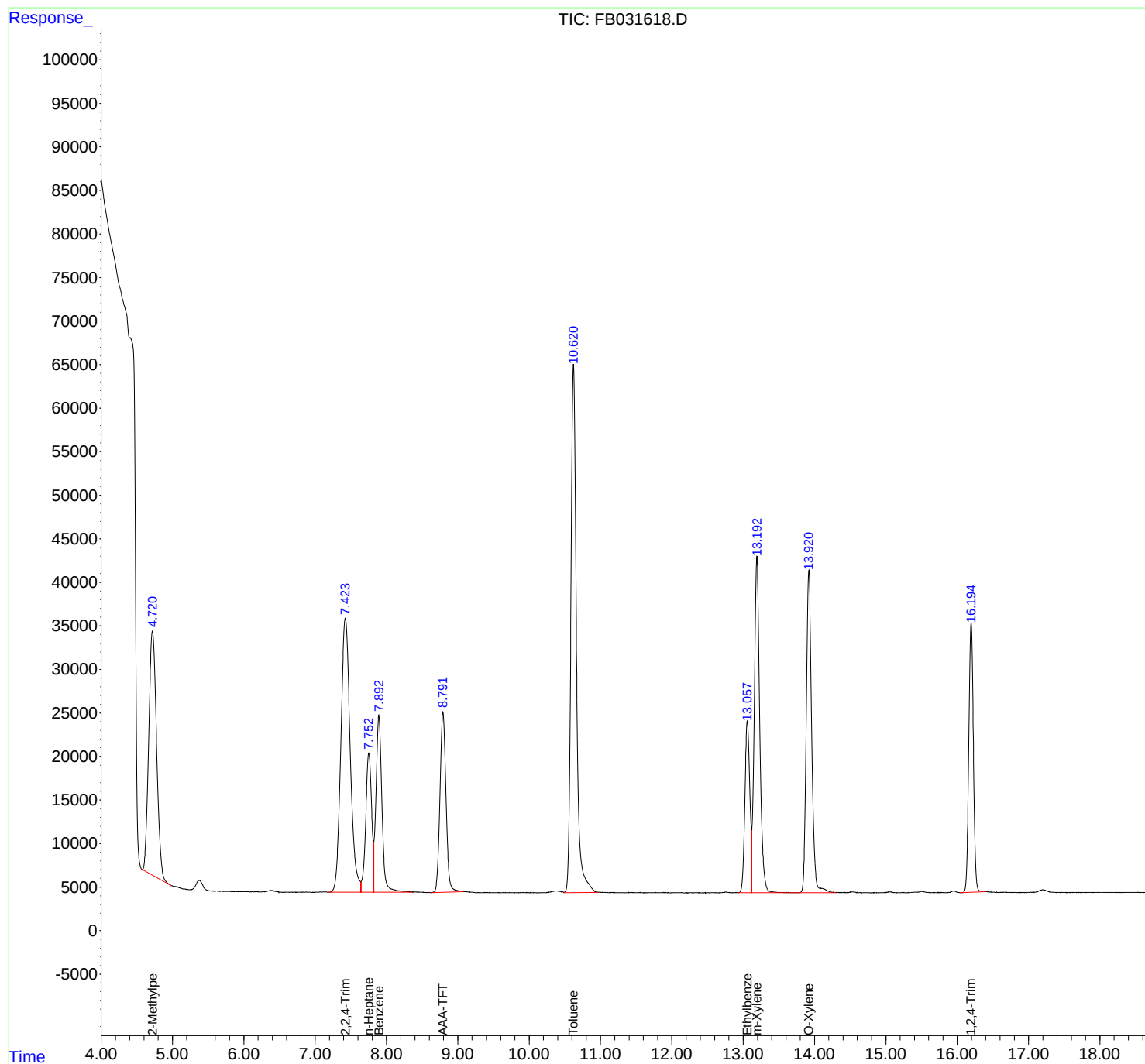
(m)=manual int.

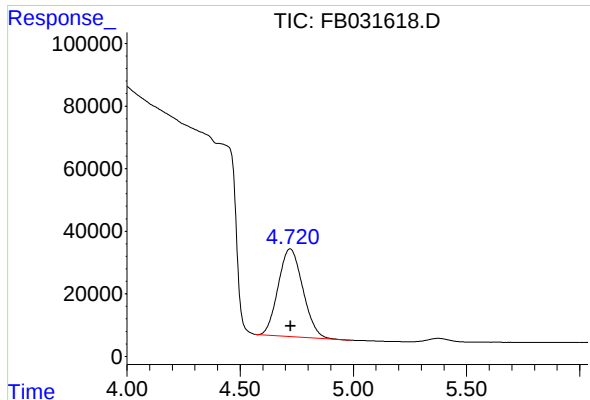
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031618.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 11:59
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

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

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

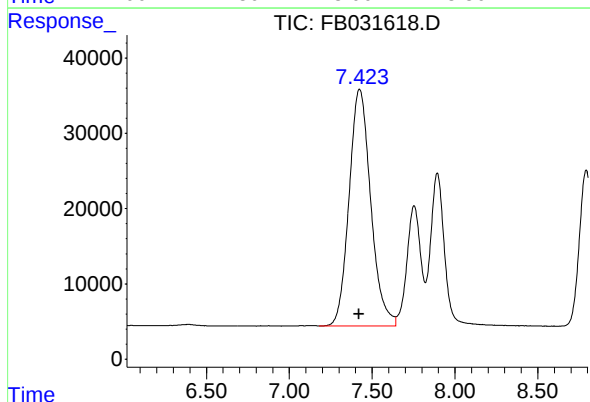




#1 2-Methylpentane

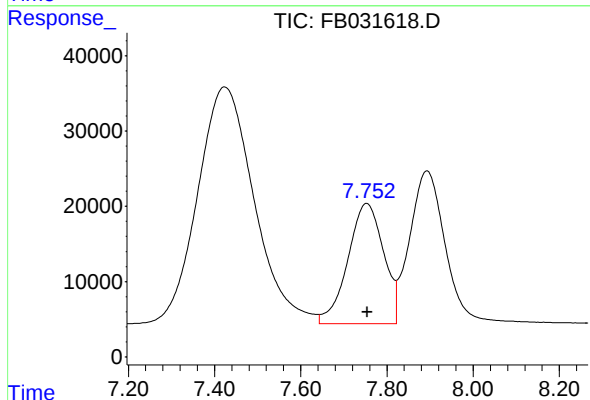
R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 2126290
Conc: 91.78 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



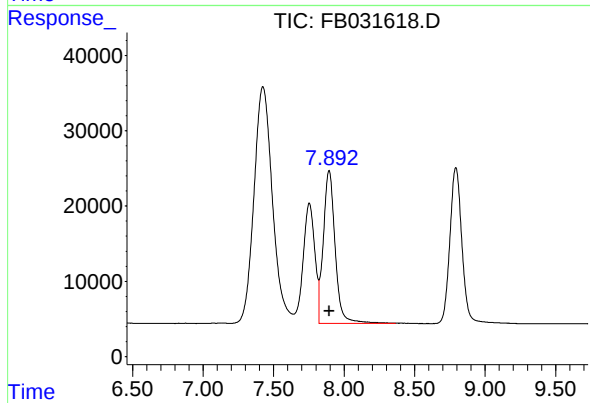
#2 2,2,4-Trimethylpentane

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



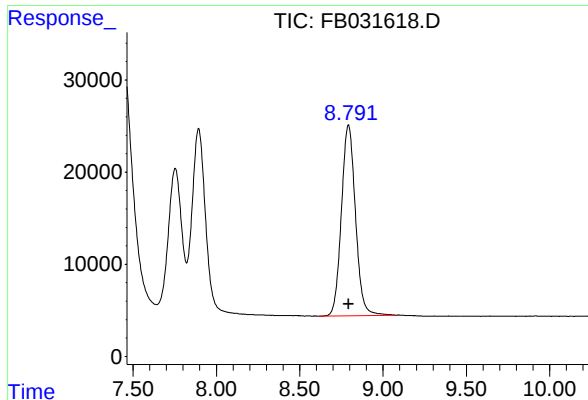
#3 n-Heptane

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



#4 Benzene

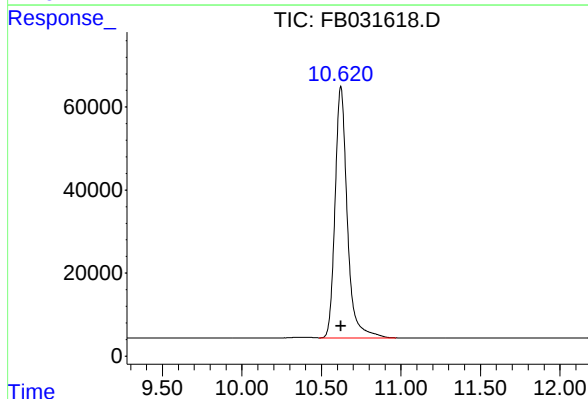
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 1182303
Conc: 31.03 ng/ml



#5 AAA-TFT

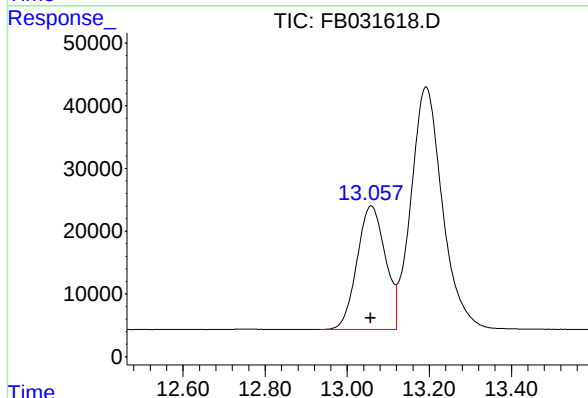
R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 1214228
Conc: 58.71 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



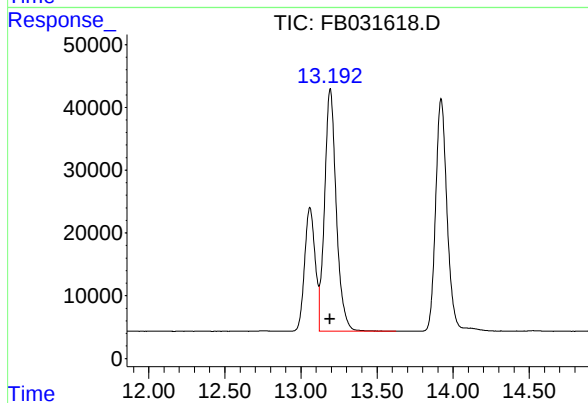
#6 Toluene

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



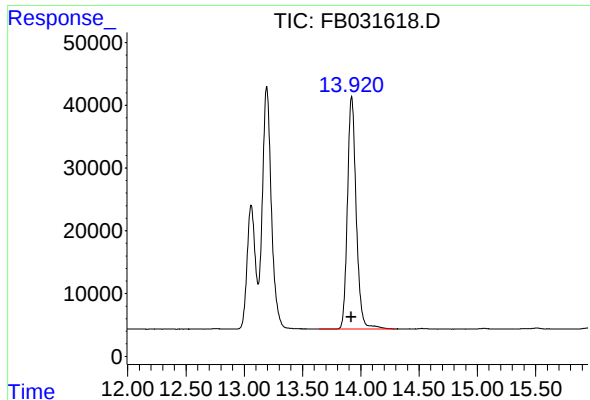
#7 Ethylbenzene

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



#8 m-Xylene

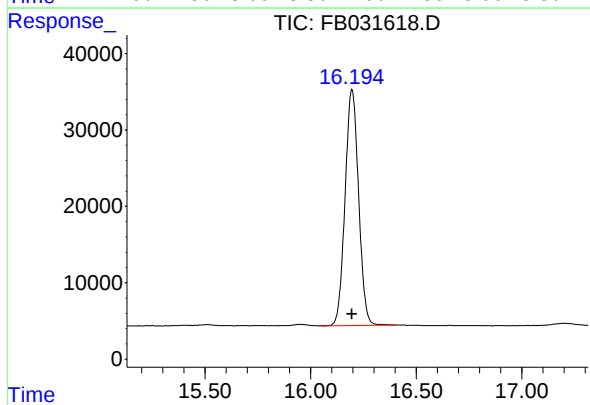
R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 2068744
Conc: 55.06 ng/ml



#9 O-Xylene

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

Instrument :
FID_B
ClientSampleId :
50 GRO STD



#10 1,2,4-Trimethylbenzene

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

rteres

Area Percent Report

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

Integration File: Calibration.e

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

Signal : FID2B.CH

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

Sum of corrected areas: 17877923

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

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

Instrument :
 FID_B
 ClientSampleId :
 100 GRO STD

Manual Integrations
 APPROVED

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

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

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

Compound	R.T.	Response	Conc Units

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

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

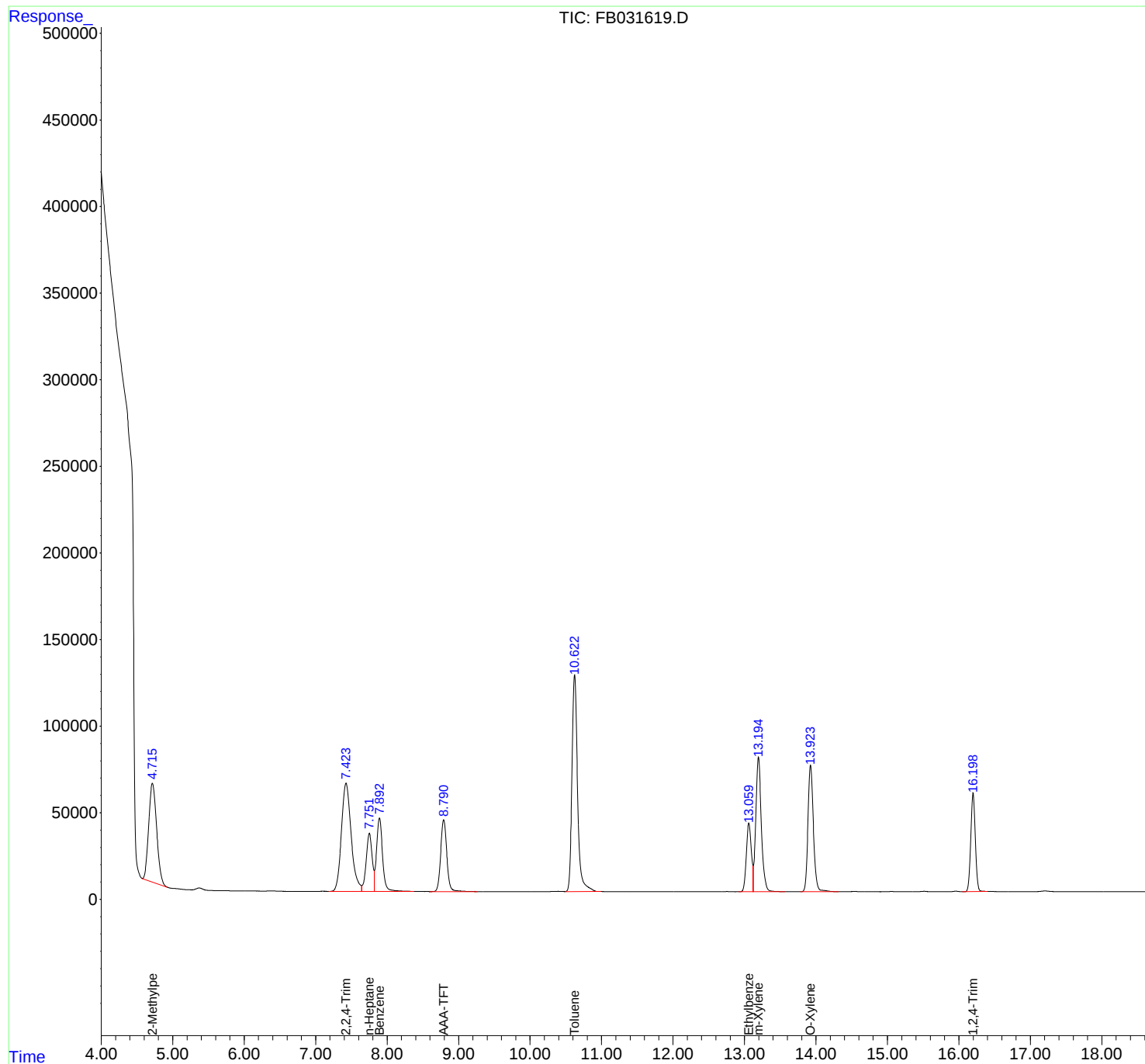
Instrument :
FID_B
ClientSampleId :
100 GRO STD

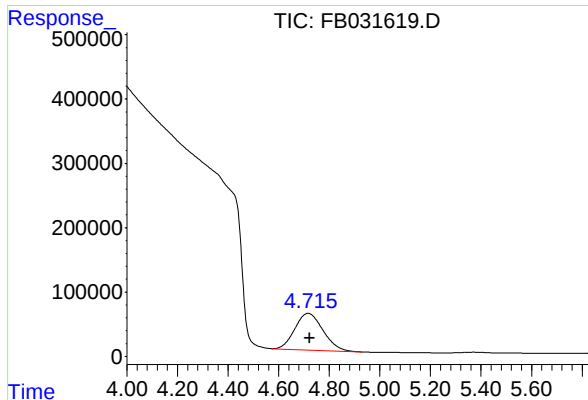
Manual Integrations
APPROVED

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

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

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





#1 2-Methylpentane

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

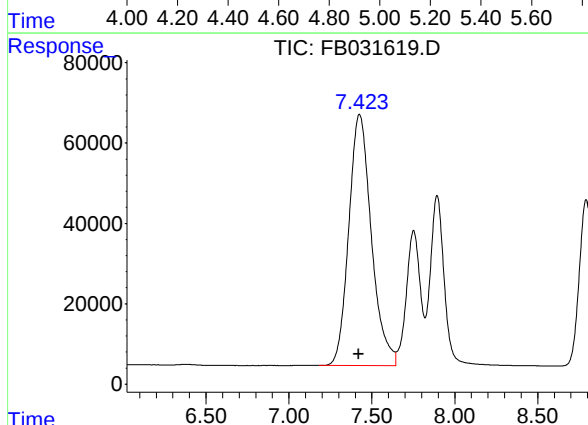
Instrument :

FID_B

ClientSampleId :
100 GRO STD

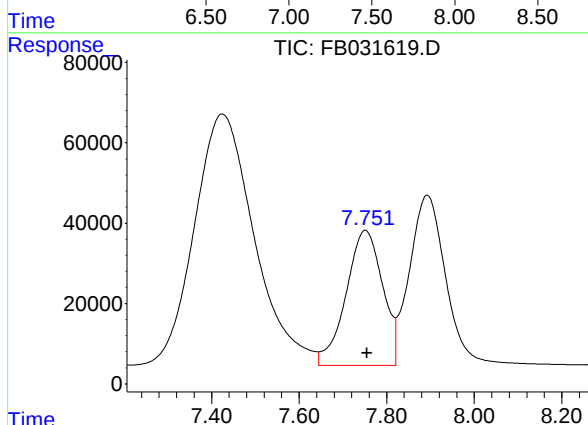
Manual Integrations
APPROVED

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



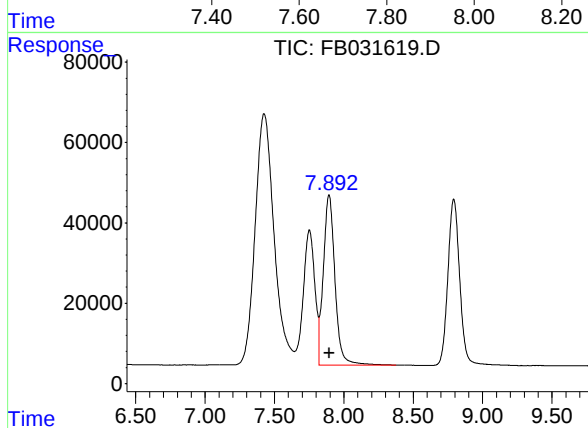
#2 2,2,4-Trimethylpentane

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



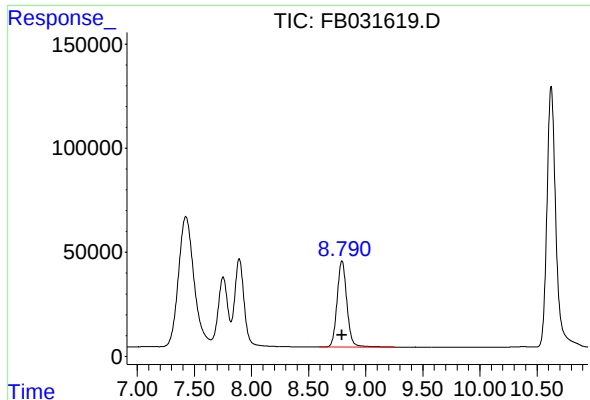
#3 n-Heptane

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



#4 Benzene

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



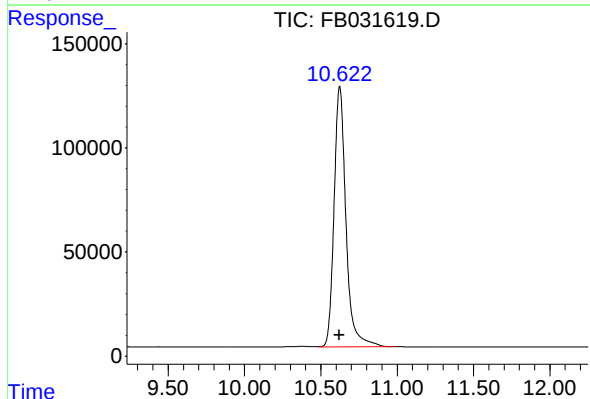
#5 AAA-TFT

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

Instrument :
FID_B
ClientSampleId :
100 GRO STD

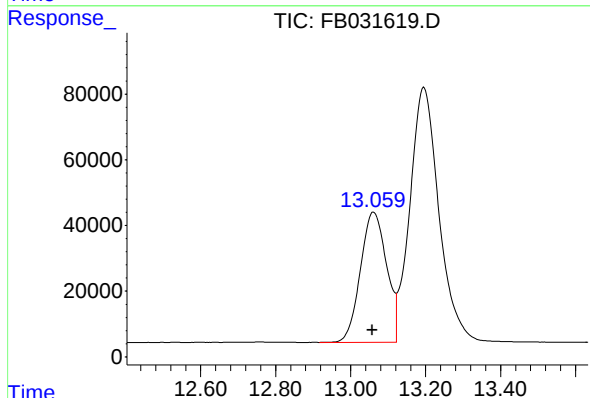
Manual Integrations
APPROVED

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



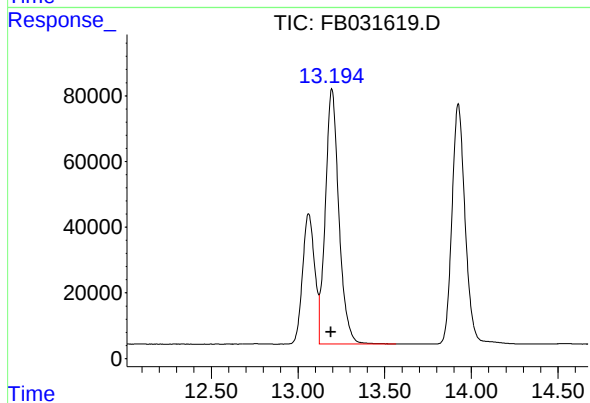
#6 Toluene

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



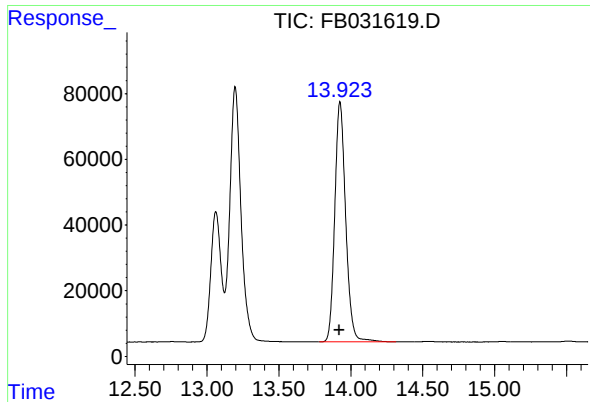
#7 Ethylbenzene

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



#8 m-Xylene

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



#9 O-Xylene

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

Instrument :

FID_B

ClientSampleId :

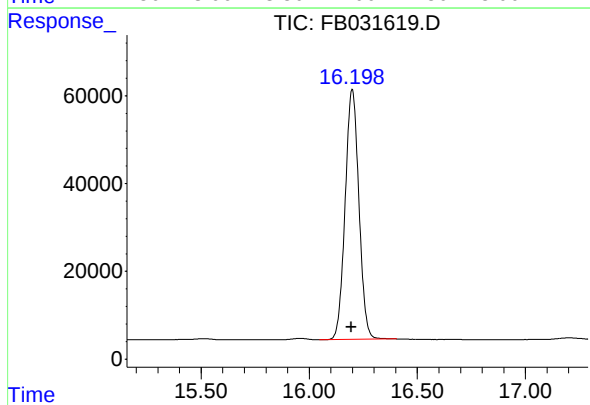
100 GRO STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/27/2025

Supervised By :mohammad ahmed 03/28/2025



#10 1,2,4-Trimethylbenzene

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

rteres

Instrument :
FID_B
LabSampleId :
100 GRO STD
Area Percent Report

Manual IntegrationsAPPROVED

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

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

Integration File: Calibration.e

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

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.717	4.565	5.225	BV	56320	4052721	59.79%	11.213%
2	7.425	7.181	7.645	BV	62549	5919188	87.33%	16.376%
3	7.752	7.645	7.821	VV	33654	1951191	28.79%	5.398%
4	7.893	7.821	8.375	VV	42383	2472198	36.47%	6.840%
5	8.792	8.592	9.266	BV	41432	2466697	36.39%	6.825%
6	10.623	10.488	10.992	VV	125226	6778282	100.00%	18.753%
7	13.061	12.916	13.122	VV	39674	1927545	28.44%	5.333%
8	13.196	13.122	13.566	VV	77715	4207130	62.07%	11.640%
9	13.925	13.780	14.315	PV	73116	3851650	56.82%	10.656%
10	16.199	16.046	16.403	PBA	57036	2517891	37.15%	6.966%

Sum of corrected areas: 36144494

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

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

Instrument :
 FID_B
 ClientSampleId :
 FB032625GROICV

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

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.794	403306	18.168 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.724	735906	28.901 ng/ml
2) t 2,2,4-Trimethylpentane	7.423	1022563	28.813 ng/ml
3) t n-Heptane	7.754	301313	9.272 ng/ml
4) t Benzene	7.895	406758	9.636 ng/ml
6) t Toluene	10.622	1199206	30.198 ng/ml
7) t Ethylbenzene	13.059	361336	10.094 ng/ml
8) t m-Xylene	13.193	805981	20.544 ng/ml
9) t O-Xylene	13.921	769117	20.798 ng/ml
10) t 1,2,4-Trimethylbenzene	16.196	618790	22.500 ng/ml

(f)=RT Delta > 1/2 Window

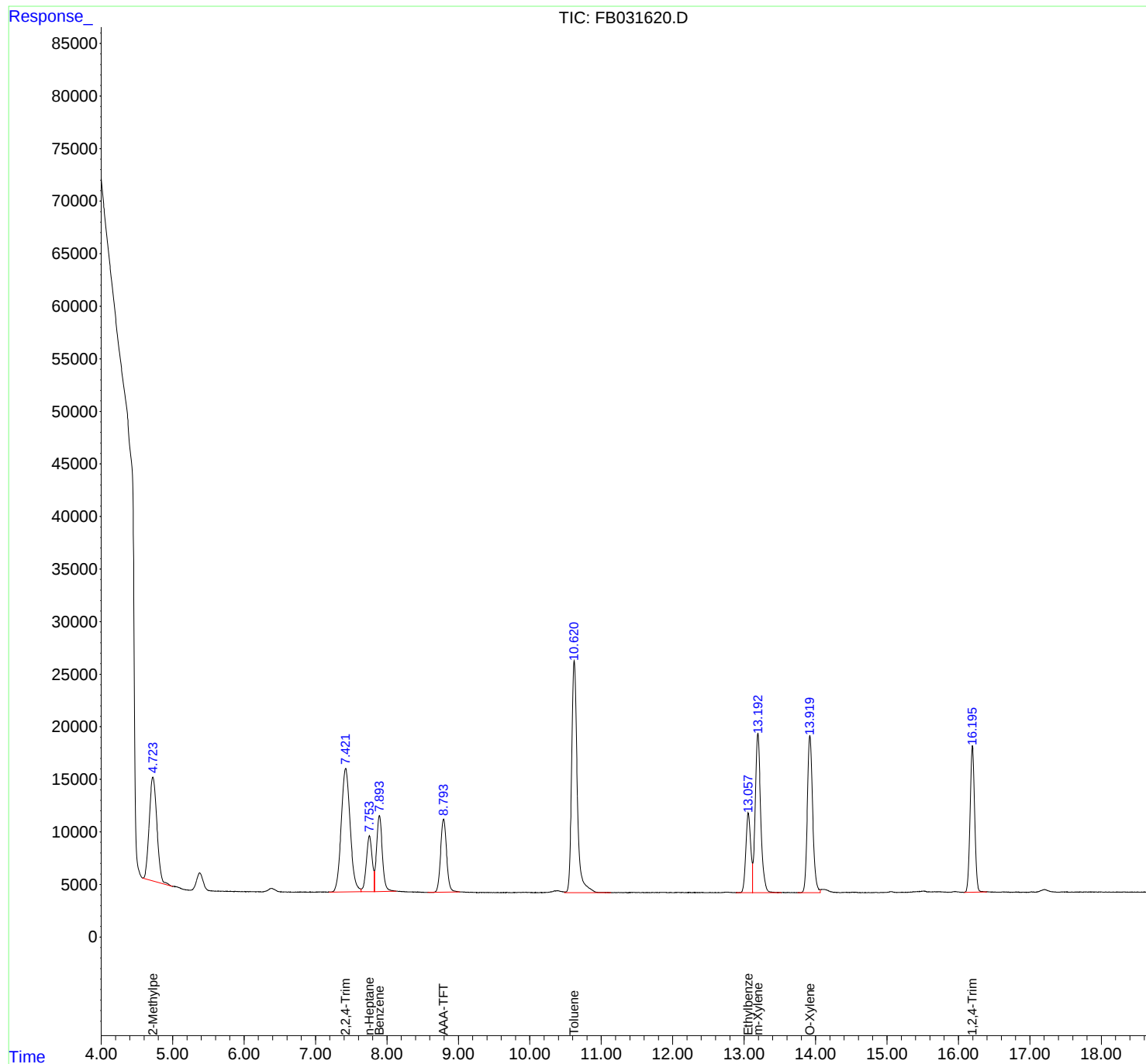
(m)=manual int.

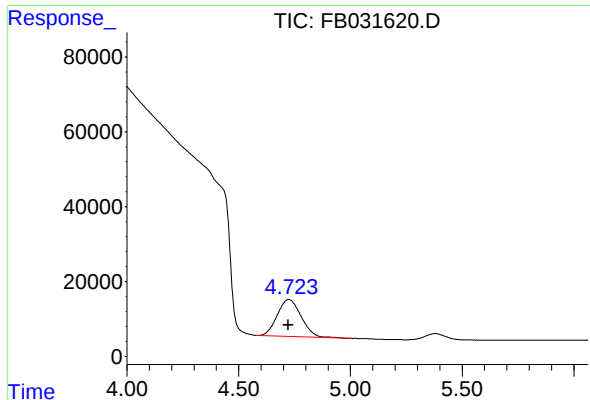
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031620.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 13:26
Operator : YP/AJ
Sample : FB032625GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB032625GROICV

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

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

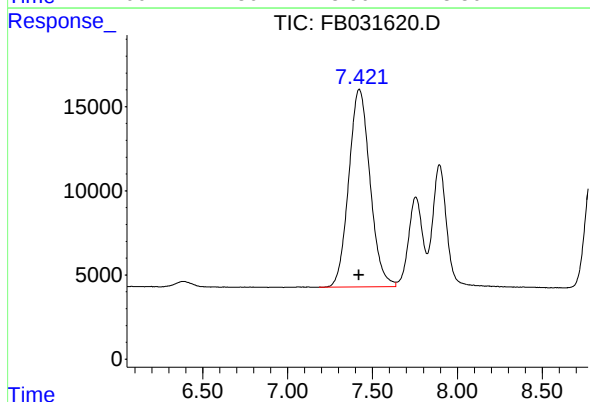




#1 2-Methylpentane

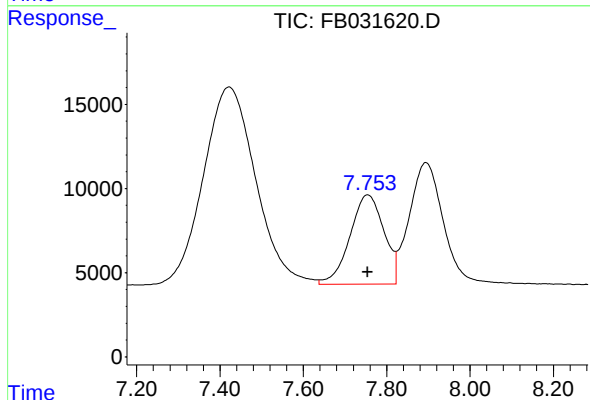
R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 735906
Conc: 28.90 ng/ml

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



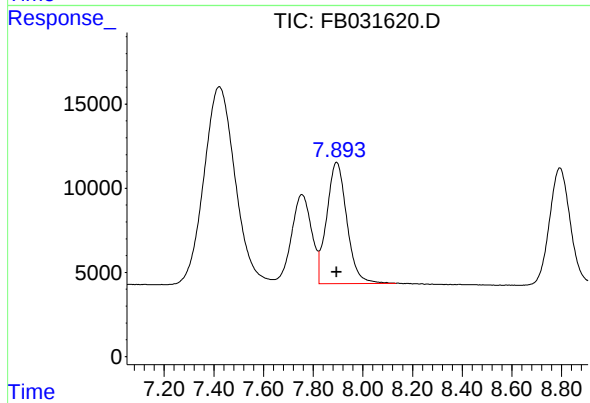
#2 2,2,4-Trimethylpentane

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



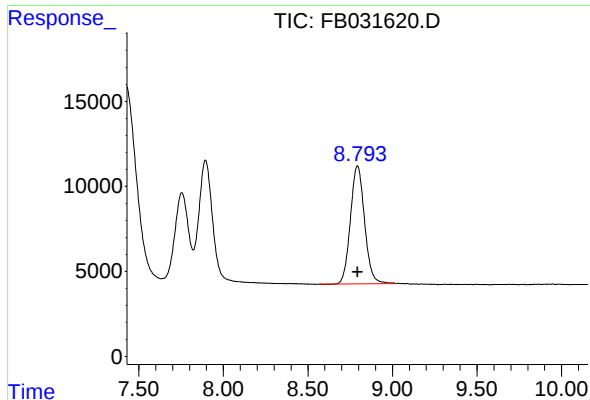
#3 n-Heptane

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



#4 Benzene

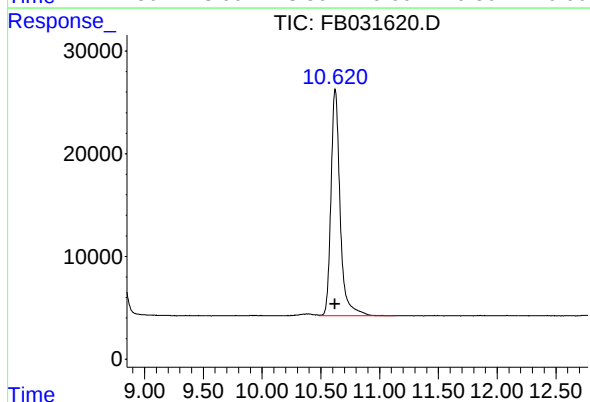
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 406758
Conc: 9.64 ng/ml



#5 AAA-TFT

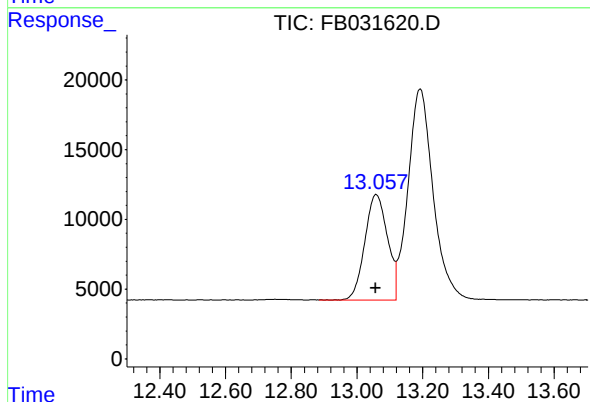
R.T.: 8.794 min
Delta R.T.: 0.001 min
Response: 403306
Conc: 18.17 ng/ml

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



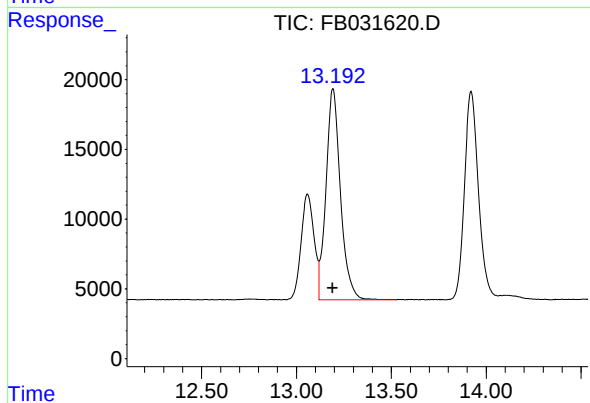
#6 Toluene

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



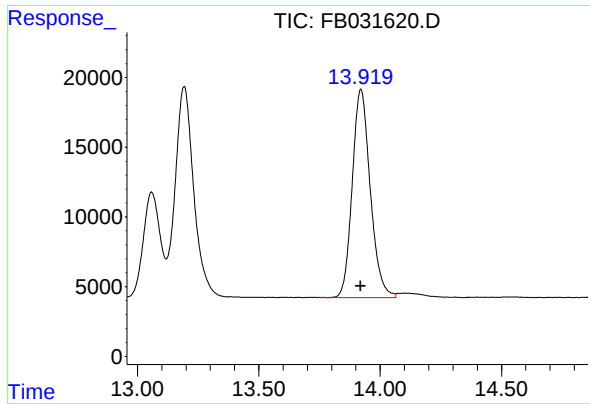
#7 Ethylbenzene

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



#8 m-Xylene

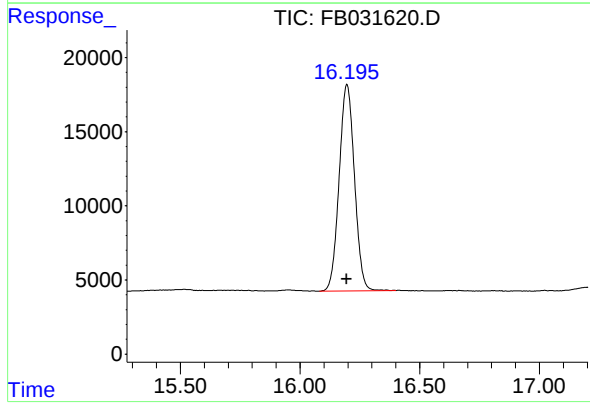
R.T.: 13.193 min
Delta R.T.: 0.002 min
Response: 805981
Conc: 20.54 ng/ml



#9 O-Xylene

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

Instrument :
FID_B
ClientSampleId :
FB032625GROICV



#10 1,2,4-Trimethylbenzene

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

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB032625\
Data File : FB031620.D
Signal(s) : FID2B.CH
Acq On : 26 Mar 2025 13:26
Sample : FB032625GR0ICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

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

Signal : FID2B.CH

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

Sum of corrected areas: 6624275

FB032625.M Thu Mar 27 03:24:14 2025