

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Alliance

Contract: ALLI03

ProjectID: NJ Soil PT

Lab Code: ACE

SDG No.: Q3483

Calibration Sequence : FB102725		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1379940	30665	FB032267.D
90	2618714	29097	FB032268.D
180	5448966	30272	FB032269.D
450	14683527	32630	FB032270.D
900	30564498	33961	FB032271.D
AVG RF : 31325		% RSD : 6.215	AVG RT : 8.7908

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032267.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 9:43
 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: Oct 28 04:50:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:50:10 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	102359	5.094 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.710	189613	7.191 ng/ml
2) t 2,2,4-Trimethylpentane	7.414	219524	7.439 ng/ml
3) t n-Heptane	7.747	68369	2.452 ng/ml
4) t Benzene	7.886	75328	2.266 ng/ml
6) t Toluene	10.616	263449	7.563 ng/ml
7) t Ethylbenzene	13.052	79822	2.569 ng/ml
8) t m-Xylene	13.184	167840	5.195 ng/ml
9) t O-Xylene	13.911	162967	5.195 ng/ml
10) t 1,2,4-Trimethylbenzene	16.187	153028	5.754 ng/ml

(f)=RT Delta > 1/2 Window

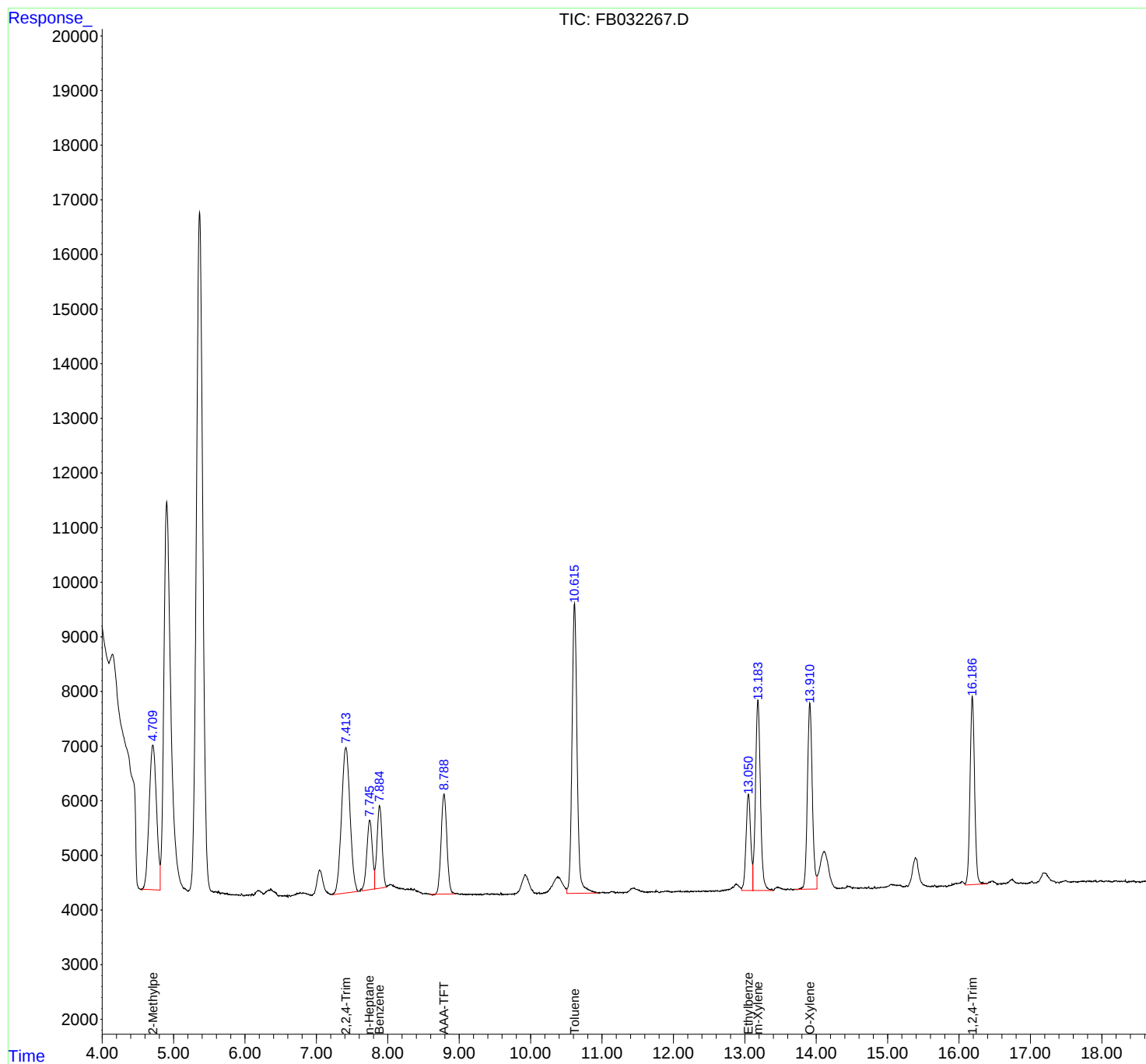
(m)=manual int.

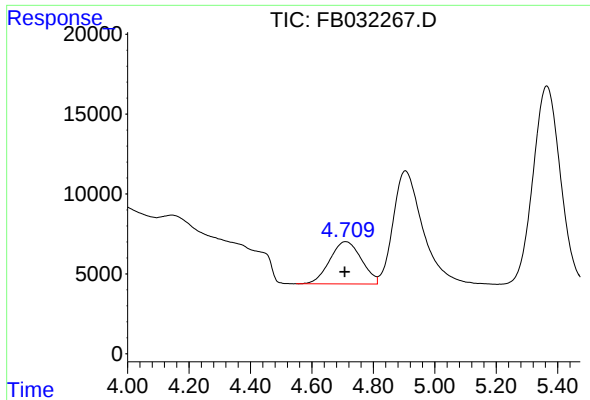
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032267.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 9:43
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Oct 28 04:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:50:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

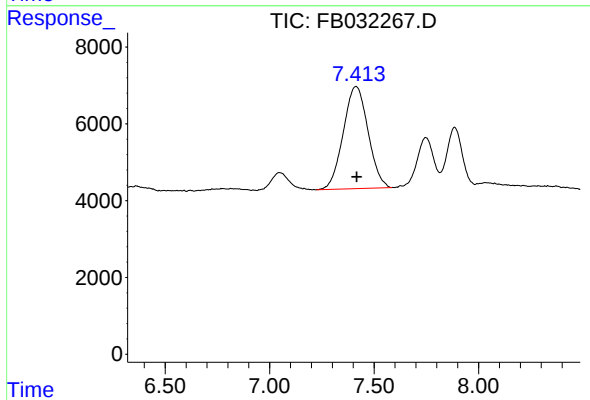




#1 2-Methylpentane

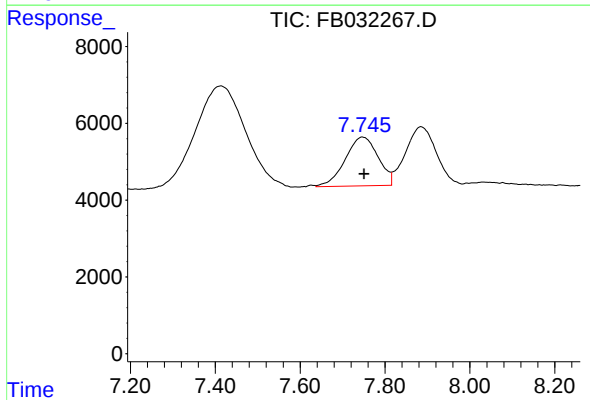
R.T.: 4.710 min
Delta R.T.: 0.003 min
Response: 189613
Conc: 7.19 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



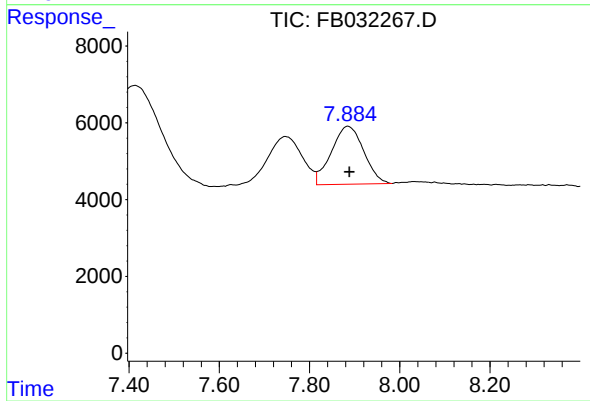
#2 2,2,4-Trimethylpentane

R.T.: 7.414 min
Delta R.T.: -0.002 min
Response: 219524
Conc: 7.44 ng/ml



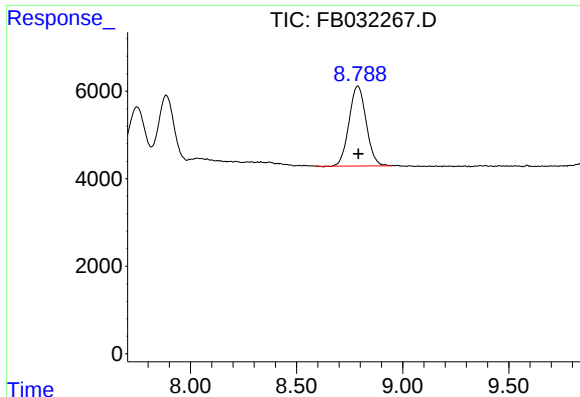
#3 n-Heptane

R.T.: 7.747 min
Delta R.T.: -0.004 min
Response: 68369
Conc: 2.45 ng/ml



#4 Benzene

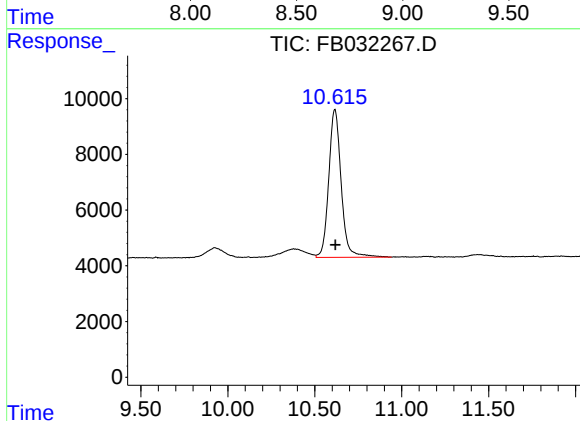
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 75328
Conc: 2.27 ng/ml



#5 AAA-TFT

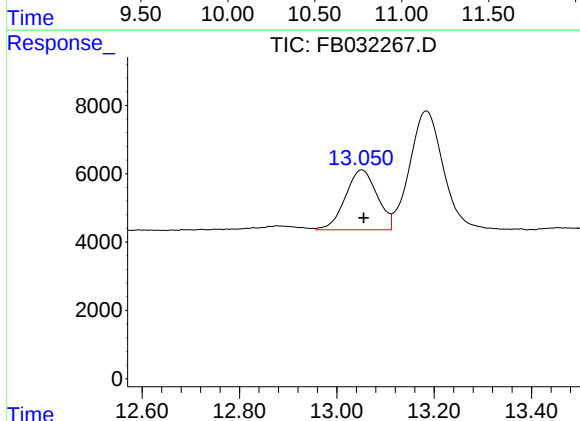
R.T.: 8.789 min
Delta R.T.: -0.002 min
Response: 102359
Conc: 5.09 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



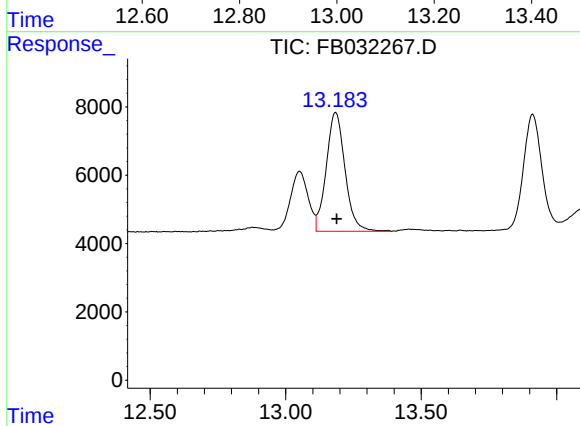
#6 Toluene

R.T.: 10.616 min
Delta R.T.: -0.003 min
Response: 263449
Conc: 7.56 ng/ml



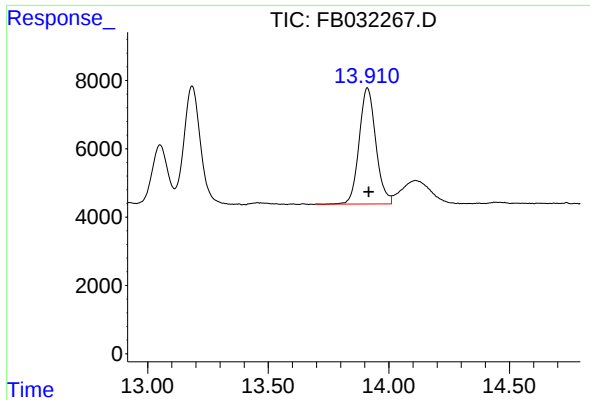
#7 Ethylbenzene

R.T.: 13.052 min
Delta R.T.: -0.003 min
Response: 79822
Conc: 2.57 ng/ml



#8 m-Xylene

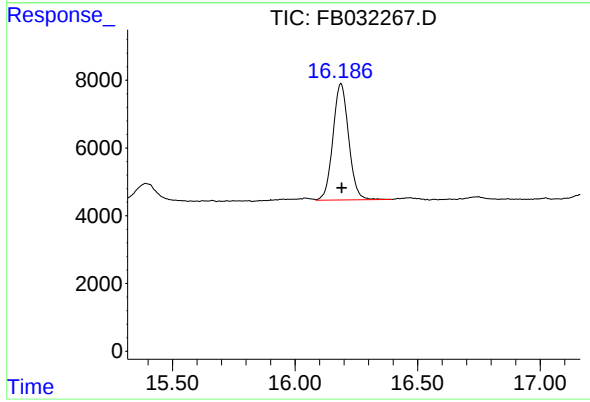
R.T.: 13.184 min
Delta R.T.: -0.004 min
Response: 167840
Conc: 5.19 ng/ml



#9 O-Xylene

R.T.: 13.911 min
Delta R.T.: -0.004 min
Response: 162967
Conc: 5.20 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.187 min
Delta R.T.: -0.004 min
Response: 153028
Conc: 5.75 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032267.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 9:43
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.710	4.548	4.813	BV	2649	189613	71.97%	12.792%
2	7.414	7.223	7.585	PV	2664	219524	83.33%	14.810%
3	7.747	7.637	7.816	VV	1274	68369	25.95%	4.612%
4	7.886	7.816	7.983	VV	1513	75328	28.59%	5.082%
5	8.789	8.592	8.949	BV	1832	102359	38.85%	6.905%
6	10.616	10.507	10.942	VV	5310	263449	100.00%	17.773%
7	13.052	12.957	13.112	VV	1761	79822	30.30%	5.385%
8	13.184	13.112	13.391	VV	3481	167840	63.71%	11.323%
9	13.911	13.697	14.010	BV	3403	162967	61.86%	10.994%
10	16.187	16.085	16.394	VB	3443	153028	58.09%	10.324%

Sum of corrected areas: 1482299

FB102725.M Tue Oct 28 04:59:00 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032268.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 10:11
 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: Oct 28 04:50:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:50:10 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	199834	9.944 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.710	391331	14.842 ng/ml
2) t 2,2,4-Trimethylpentane	7.415	434261	14.716 ng/ml
3) t n-Heptane	7.751	131745	4.724 ng/ml
4) t Benzene	7.889	153257	4.610 ng/ml
6) t Toluene	10.619	493810	14.175 ng/ml
7) t Ethylbenzene	13.055	147193	4.736 ng/ml
8) t m-Xylene	13.187	310008	9.595 ng/ml
9) t O-Xylene	13.915	301020	9.596 ng/ml
10) t 1,2,4-Trimethylbenzene	16.190	256089	9.629 ng/ml

(f)=RT Delta > 1/2 Window

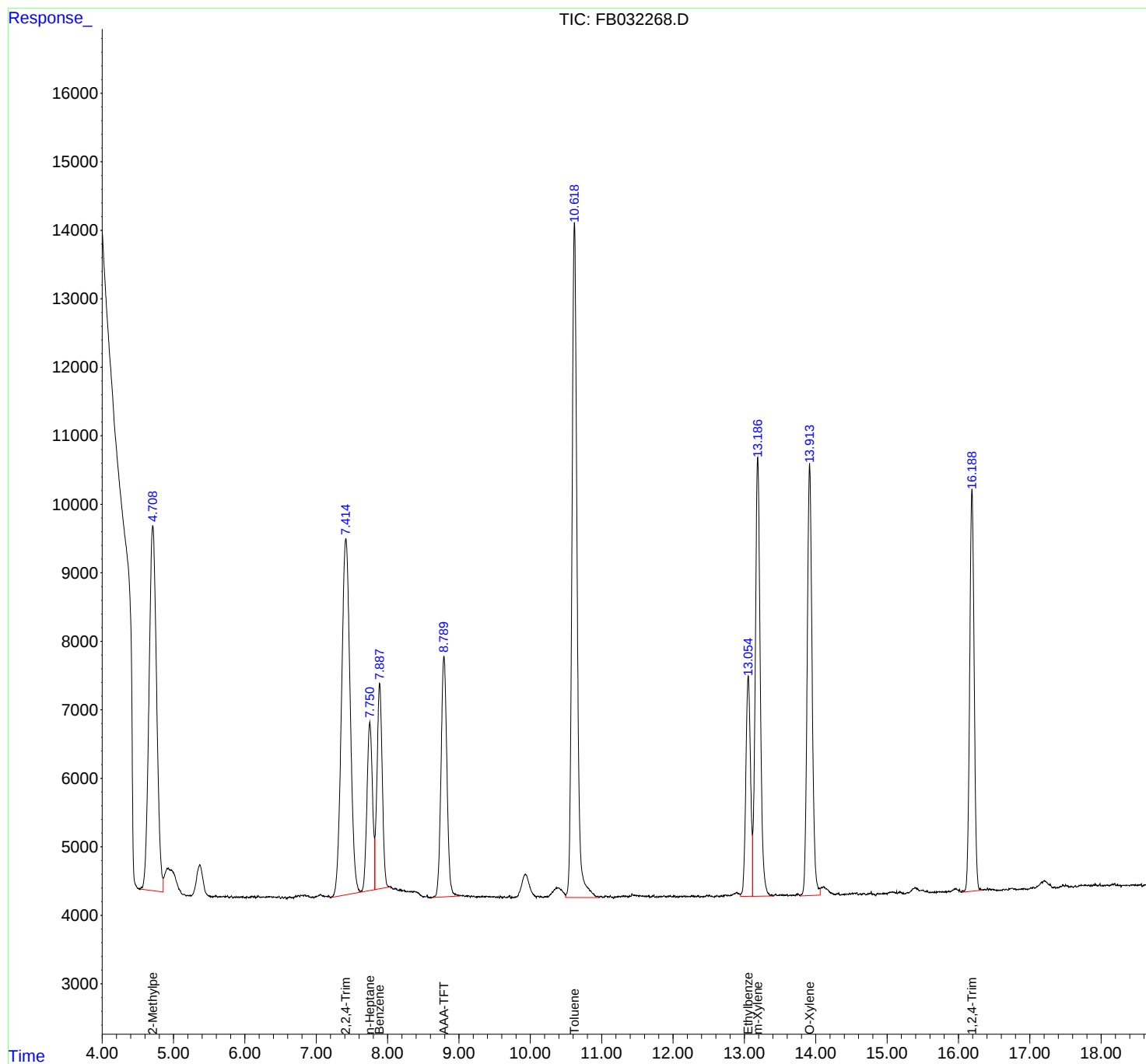
(m)=manual int.

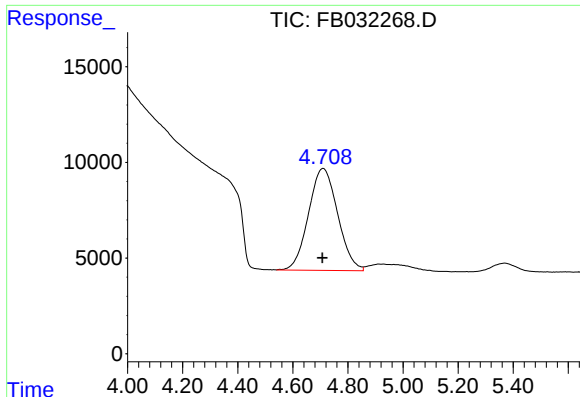
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032268.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 10:11
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Oct 28 04:50:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:50:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

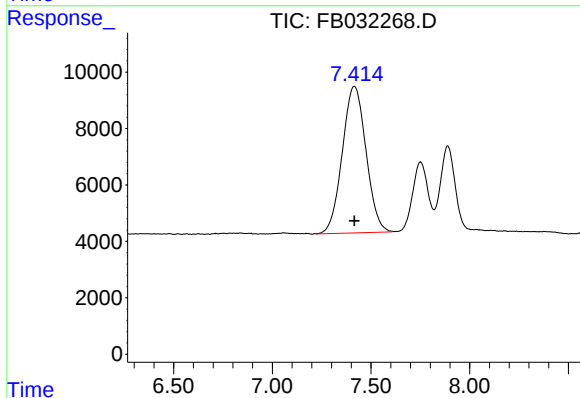




#1 2-Methylpentane

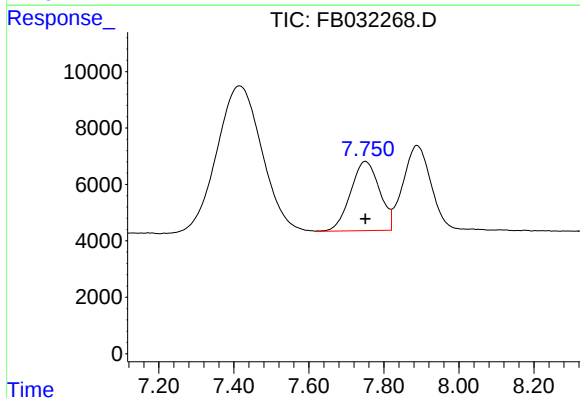
R.T.: 4.710 min
Delta R.T.: 0.003 min
Response: 391331
Conc: 14.84 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



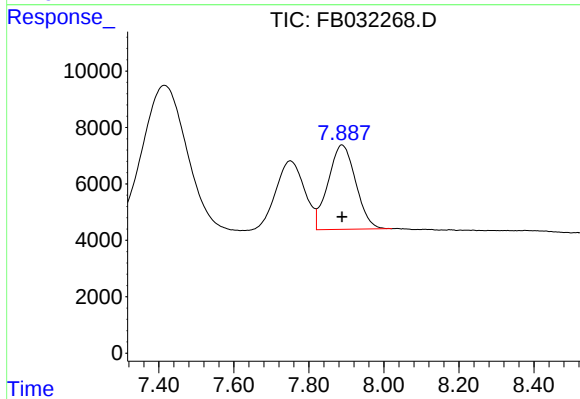
#2 2,2,4-Trimethylpentane

R.T.: 7.415 min
Delta R.T.: 0.000 min
Response: 434261
Conc: 14.72 ng/ml



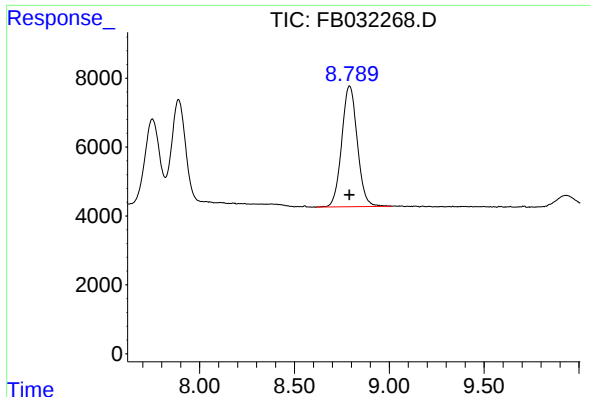
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 131745
Conc: 4.72 ng/ml



#4 Benzene

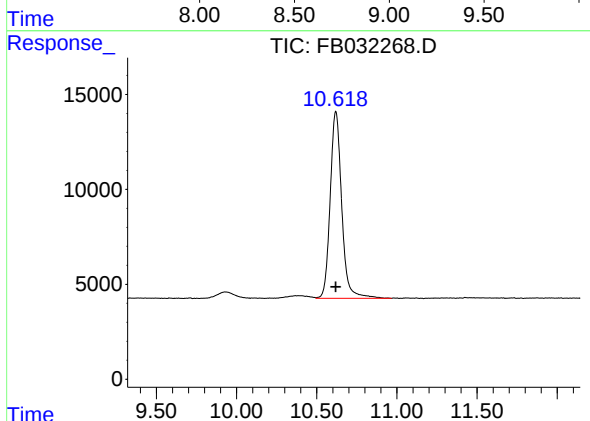
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 153257
Conc: 4.61 ng/ml



#5 AAA-TFT

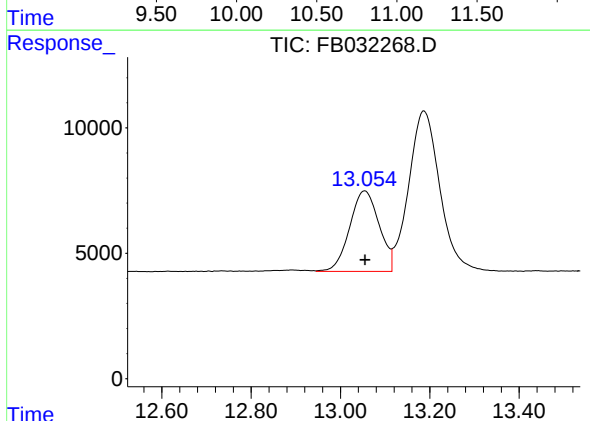
R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 199834
Conc: 9.94 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



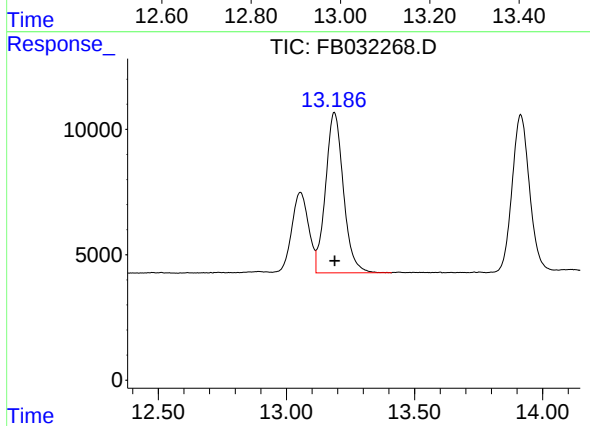
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.000 min
Response: 493810
Conc: 14.18 ng/ml



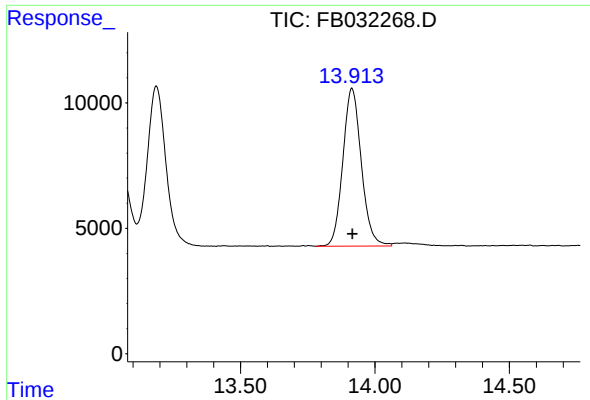
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 147193
Conc: 4.74 ng/ml



#8 m-Xylene

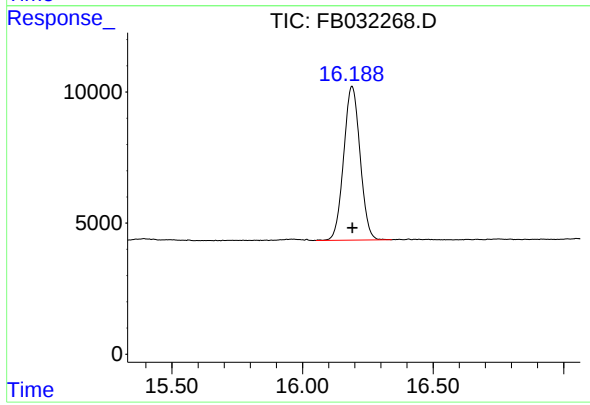
R.T.: 13.187 min
Delta R.T.: -0.001 min
Response: 310008
Conc: 9.60 ng/ml



#9 O-Xylene

R.T.: 13.915 min
Delta R.T.: 0.000 min
Response: 301020
Conc: 9.60 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.190 min
Delta R.T.: -0.001 min
Response: 256089
Conc: 9.63 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032268.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 10:11
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.710	4.540	4.856	BV	5329	391331	79.25%	13.884%
2	7.416	7.223	7.605	PV	5197	434261	87.94%	15.407%
3	7.751	7.619	7.820	VV	2459	131745	26.68%	4.674%
4	7.889	7.820	8.022	VV	2997	153257	31.04%	5.437%
5	8.790	8.615	9.013	BV	3509	199834	40.47%	7.090%
6	10.619	10.496	10.967	VV	9848	493810	100.00%	17.520%
7	13.055	12.946	13.115	VV	3214	147193	29.81%	5.222%
8	13.187	13.115	13.410	VV	6399	310008	62.78%	10.999%
9	13.915	13.781	14.062	PV	6301	301020	60.96%	10.680%
10	16.190	16.052	16.341	BV	5872	256089	51.86%	9.086%

Sum of corrected areas: 2818548

FB102725.M Tue Oct 28 04:59:32 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032269.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 10:38
 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: Oct 28 04:50:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:50:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	401913	20.000 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.707	791006	30.000 ng/ml
2) t 2,2,4-Trimethylpentane	7.416	885257	30.000 ng/ml
3) t n-Heptane	7.751	278881	10.000 ng/ml
4) t Benzene	7.889	332478	10.000 ng/ml
6) t Toluene	10.619	1045068	30.000 ng/ml
7) t Ethylbenzene	13.055	310764	10.000 ng/ml
8) t m-Xylene	13.189	646179	20.000 ng/ml
9) t O-Xylene	13.916	627399	20.000 ng/ml
10) t 1,2,4-Trimethylbenzene	16.191	531934	20.000 ng/ml

(f)=RT Delta > 1/2 Window

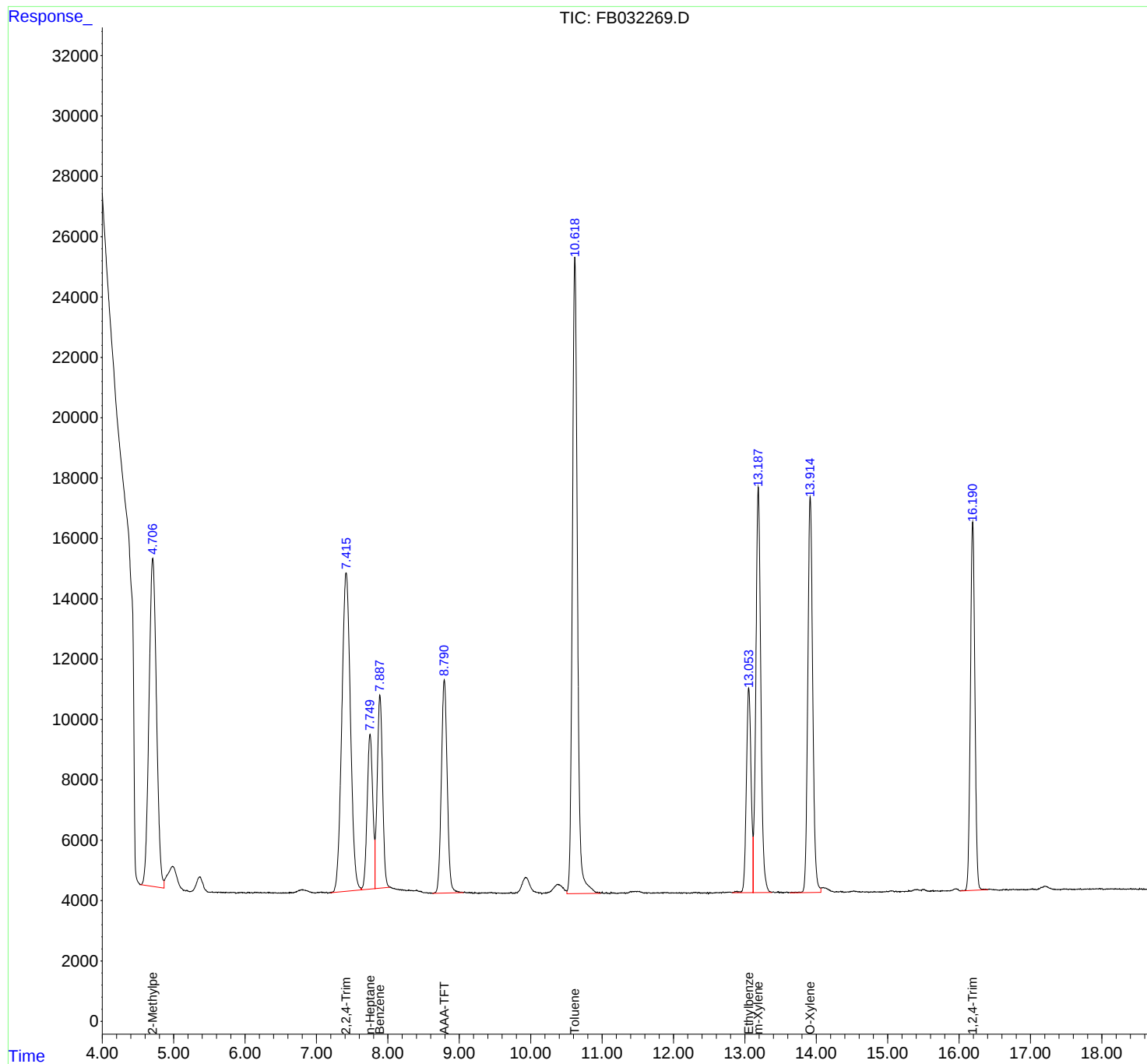
(m)=manual int.

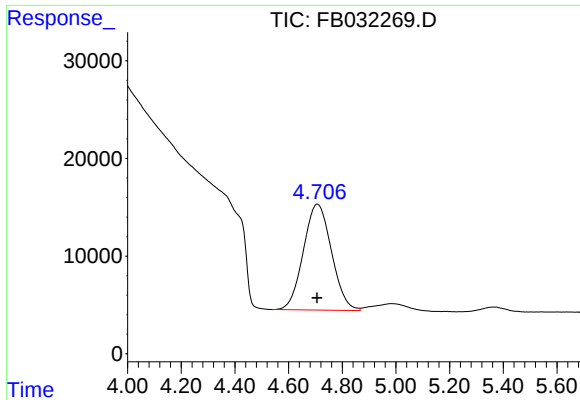
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032269.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 10:38
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Oct 28 04:50:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:50:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

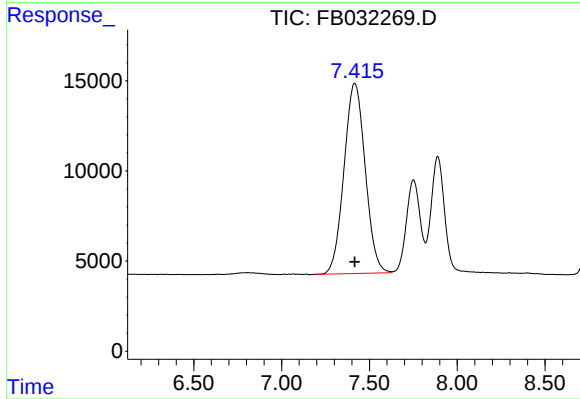




#1 2-Methylpentane

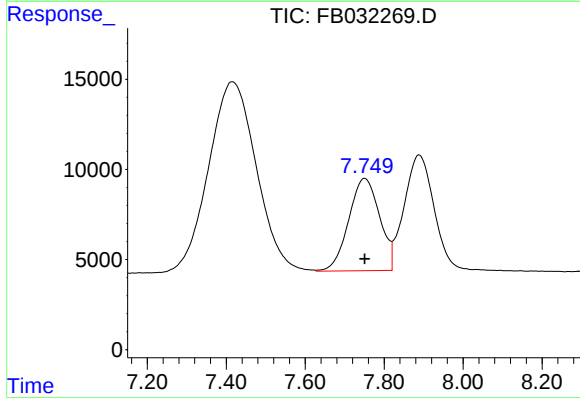
R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 791006
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



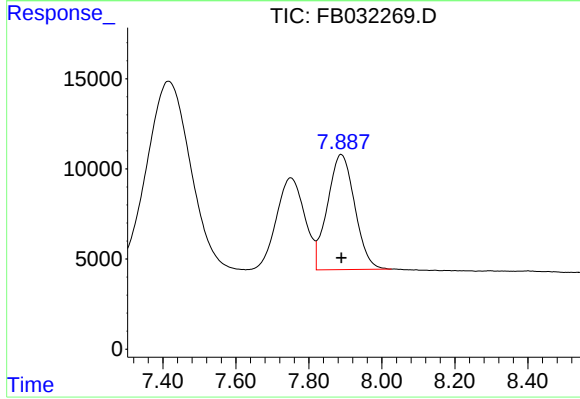
#2 2,2,4-Trimethylpentane

R.T.: 7.416 min
Delta R.T.: 0.000 min
Response: 885257
Conc: 30.00 ng/ml



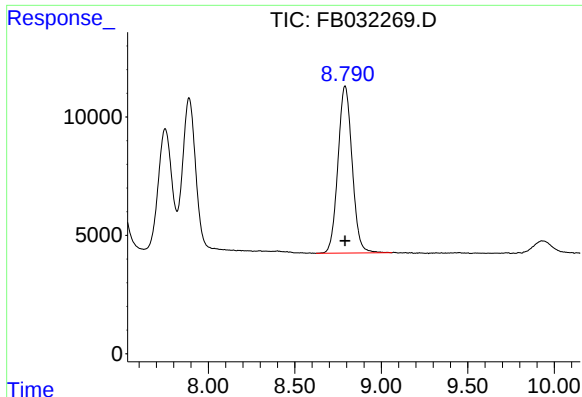
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 278881
Conc: 10.00 ng/ml



#4 Benzene

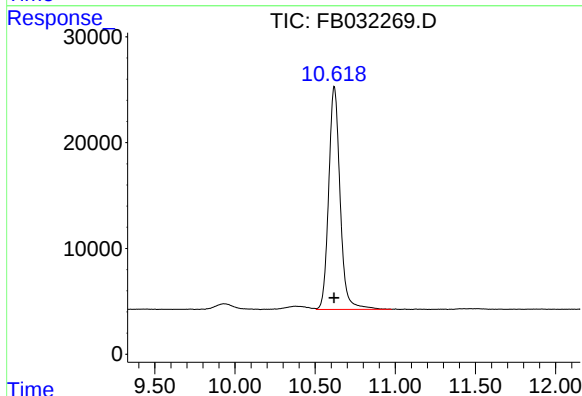
R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 332478
Conc: 10.00 ng/ml



#5 AAA-TFT

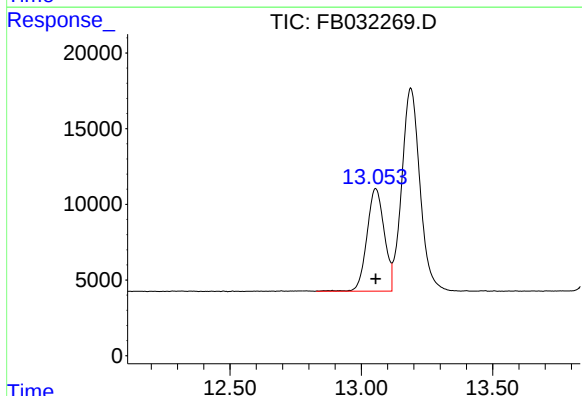
R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 401913
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



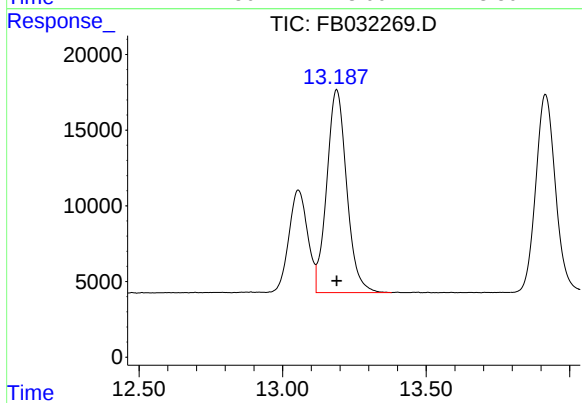
#6 Toluene

R.T.: 10.619 min
Delta R.T.: 0.000 min
Response: 1045068
Conc: 30.00 ng/ml



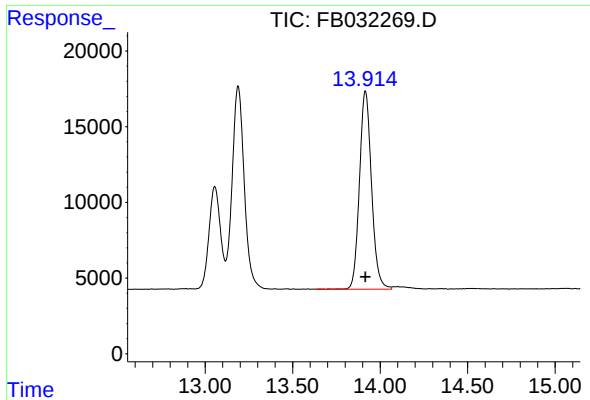
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: 0.000 min
Response: 310764
Conc: 10.00 ng/ml



#8 m-Xylene

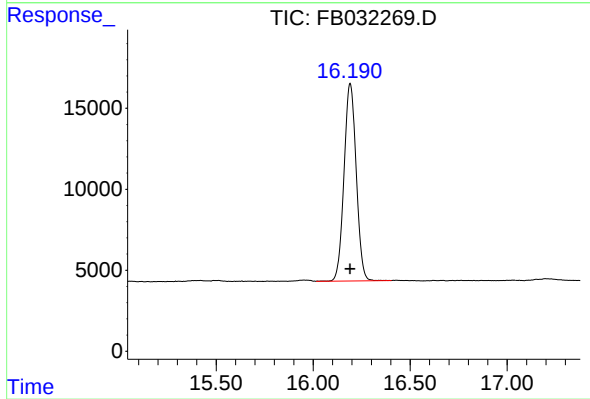
R.T.: 13.189 min
Delta R.T.: 0.000 min
Response: 646179
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.916 min
Delta R.T.: 0.000 min
Response: 627399
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.191 min
Delta R.T.: 0.000 min
Response: 531934
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032269.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 10:38
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.707	4.537	4.866	BV	10868	791006	75.69%	13.519%
2	7.416	7.198	7.628	BV	10554	885257	84.71%	15.130%
3	7.751	7.628	7.820	VV	5130	278881	26.69%	4.766%
4	7.889	7.820	8.027	VV	6397	332478	31.81%	5.683%
5	8.791	8.623	9.060	BV	7061	401913	38.46%	6.869%
6	10.619	10.507	10.978	VV	21084	1045068	100.00%	17.862%
7	13.055	12.829	13.117	BV	6782	310764	29.74%	5.311%
8	13.189	13.117	13.380	VV	13426	646179	61.83%	11.044%
9	13.916	13.633	14.065	BV	13100	627399	60.03%	10.723%
10	16.191	16.015	16.404	PBA	12191	531934	50.90%	9.092%

Sum of corrected areas: 5850879

FB102725.M Tue Oct 28 04:59:54 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032270.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 11:06
 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: Oct 28 04:51:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:50:10 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	1012863	50.402 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.709	2135468	80.991 ng/ml
2) t 2,2,4-Trimethylpentane	7.419	2428009	82.282 ng/ml
3) t n-Heptane	7.752	778345	27.910 ng/ml
4) t Benzene	7.891	959186	28.850 ng/ml
6) t Toluene	10.621	2802013	80.435 ng/ml
7) t Ethylbenzene	13.057	823829	26.510 ng/ml
8) t m-Xylene	13.191	1721184	53.273 ng/ml
9) t O-Xylene	13.918	1647704	52.525 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	1387789	52.179 ng/ml

(f)=RT Delta > 1/2 Window

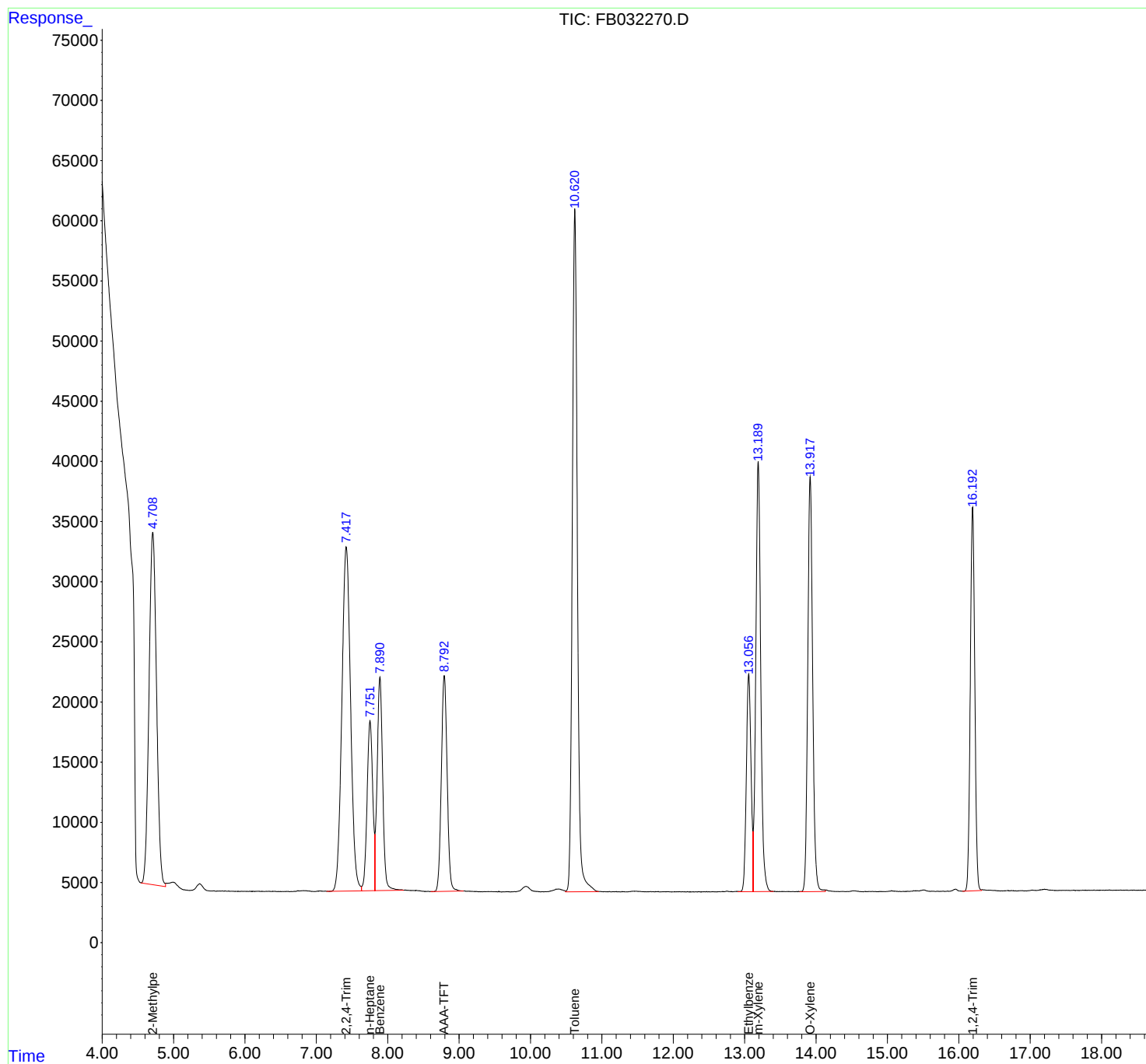
(m)=manual int.

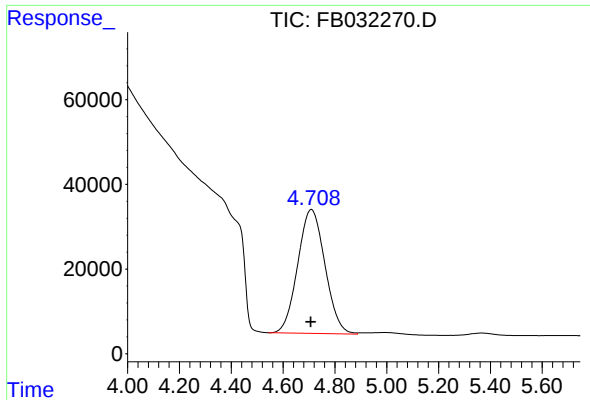
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032270.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 11:06
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Integration File: Calibration.e
Quant Time: Oct 28 04:51:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:50:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

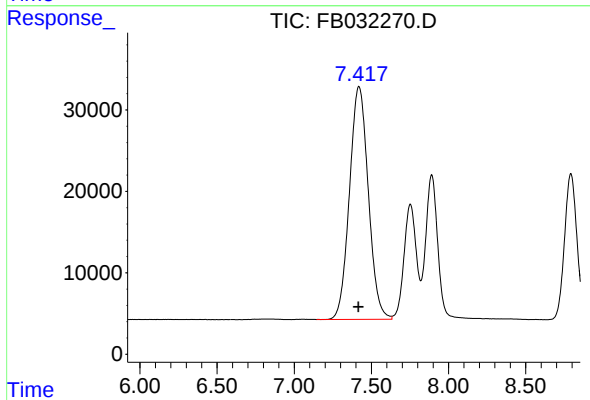




#1 2-Methylpentane

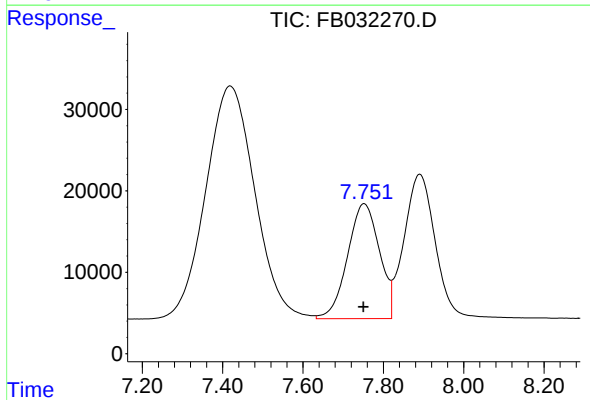
R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 2135468
Conc: 80.99 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



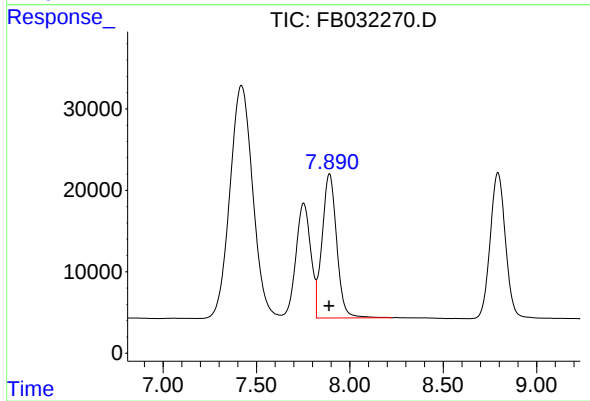
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min
Delta R.T.: 0.003 min
Response: 2428009
Conc: 82.28 ng/ml



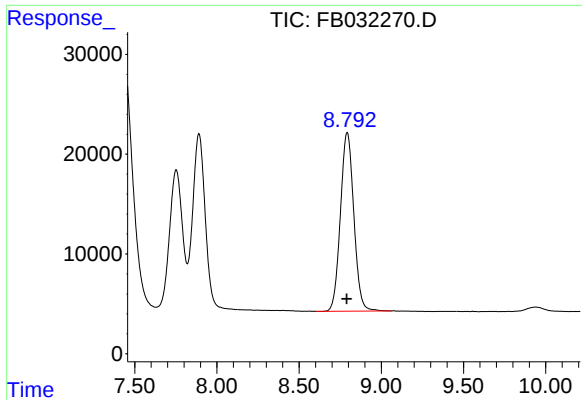
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: 0.002 min
Response: 778345
Conc: 27.91 ng/ml



#4 Benzene

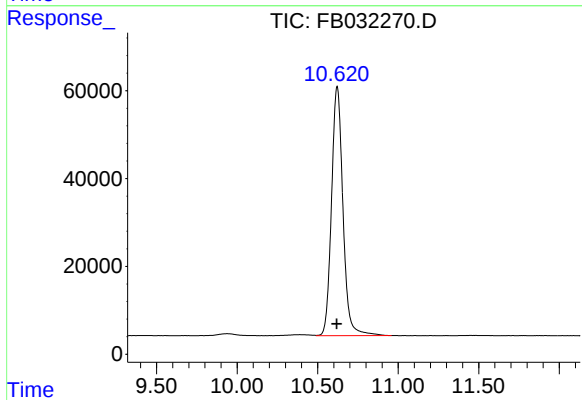
R.T.: 7.891 min
Delta R.T.: 0.002 min
Response: 959186
Conc: 28.85 ng/ml



#5 AAA-TFT

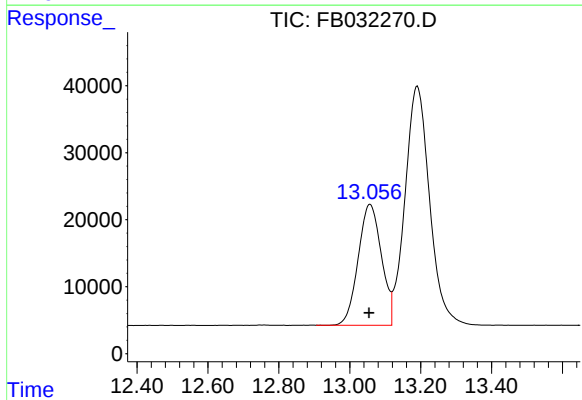
R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 1012863
Conc: 50.40 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



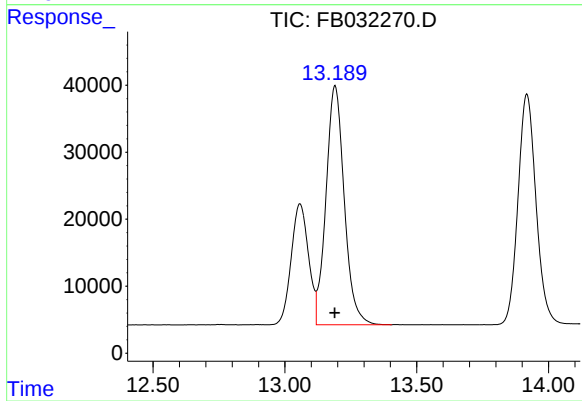
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.002 min
Response: 2802013
Conc: 80.44 ng/ml



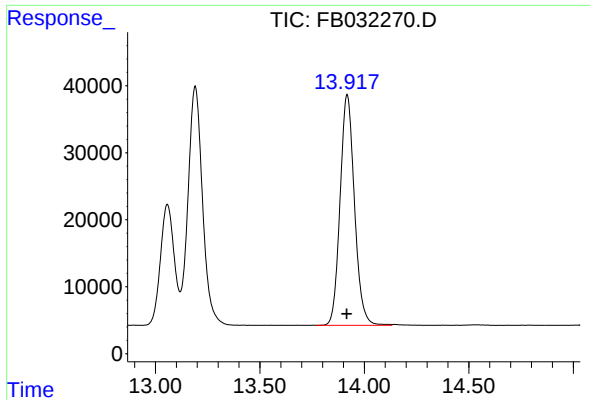
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.002 min
Response: 823829
Conc: 26.51 ng/ml



#8 m-Xylene

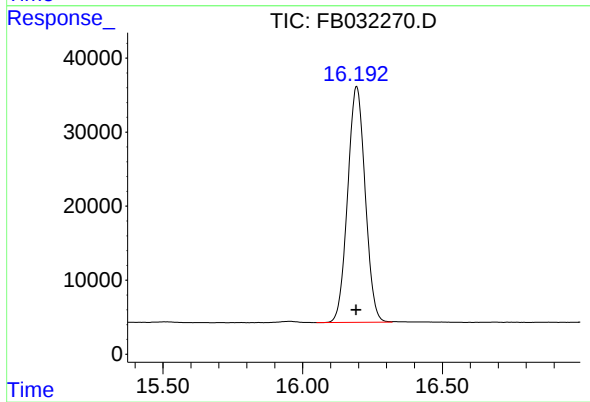
R.T.: 13.191 min
Delta R.T.: 0.002 min
Response: 1721184
Conc: 53.27 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 1647704
Conc: 52.52 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.002 min
Response: 1387789
Conc: 52.18 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032270.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 11:06
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.709	4.543	4.887	BV	29291	2135468	76.21%	13.605%
2	7.419	7.143	7.633	PV	28611	2428009	86.65%	15.469%
3	7.752	7.633	7.821	VV	14130	778345	27.78%	4.959%
4	7.891	7.821	8.225	VV	17729	959186	34.23%	6.111%
5	8.793	8.604	9.063	BV	17930	1012863	36.15%	6.453%
6	10.621	10.491	10.959	VV	56732	2802013	100.00%	17.851%
7	13.057	12.905	13.119	VV	18076	823829	29.40%	5.249%
8	13.191	13.119	13.405	VV	35718	1721184	61.43%	10.965%
9	13.918	13.769	14.131	PV	34452	1647704	58.80%	10.497%
10	16.193	16.049	16.320	PV	31886	1387789	49.53%	8.841%

Sum of corrected areas: 15696389

FB102725.M Tue Oct 28 05:05:26 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032271.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 11:34
 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: Oct 28 04:51:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:50:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
5) s AAA-TFT	8.791	2060599	102.540 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.705	4614718	175.019 ng/ml
2) t 2,2,4-Trimethylpentane	7.420	5091748	172.552 ng/ml
3) t n-Heptane	7.751	1689329	60.575 ng/ml
4) t Benzene	7.890	2034640	61.196 ng/ml
6) t Toluene	10.621	5799323	166.477 ng/ml
7) t Ethylbenzene	13.057	1681092	54.095 ng/ml
8) t m-Xylene	13.191	3521215	108.986 ng/ml
9) t O-Xylene	13.918	3354073	106.920 ng/ml
10) t 1,2,4-Trimethylbenzene	16.194	2778360	104.463 ng/ml

(f)=RT Delta > 1/2 Window

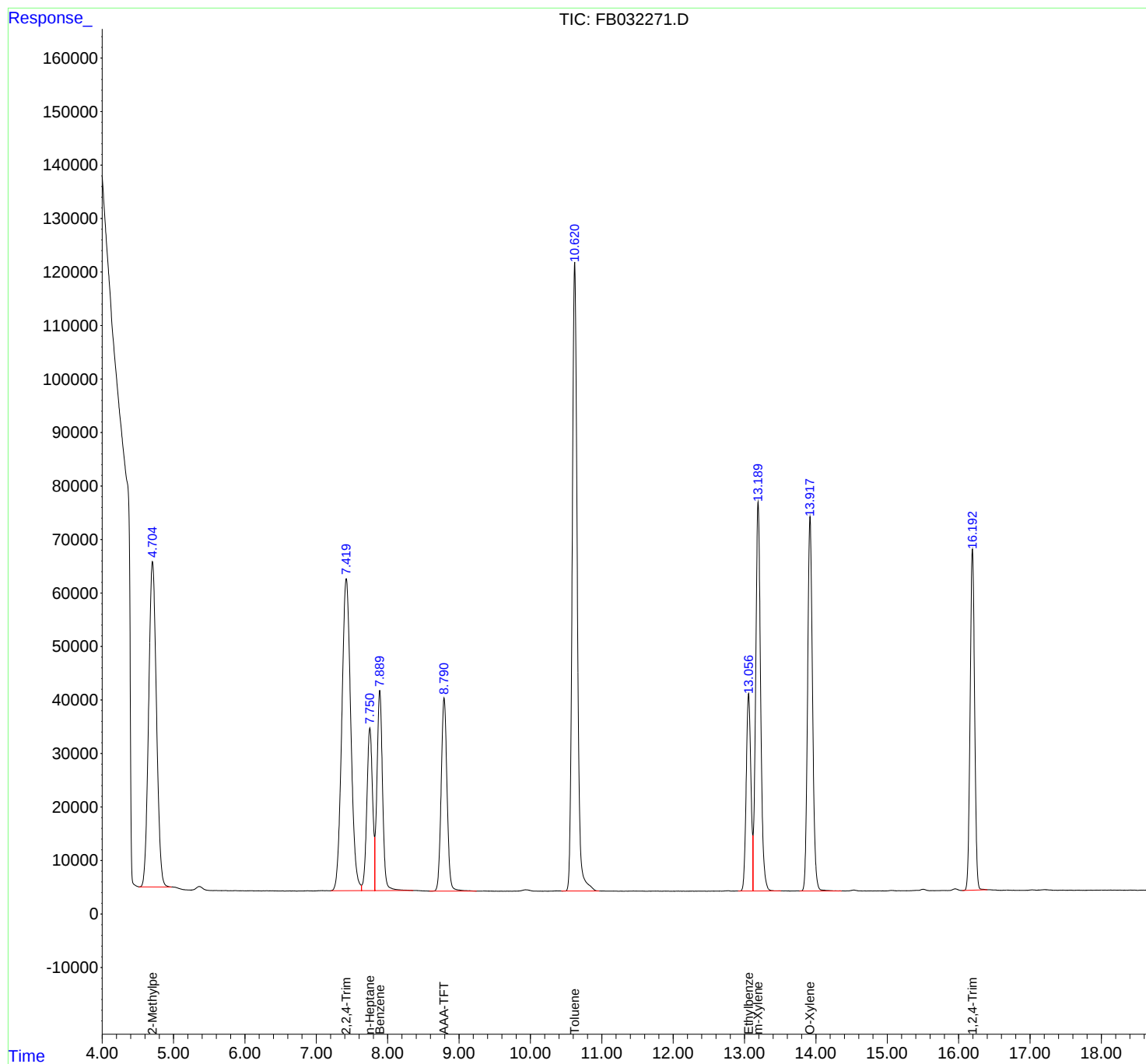
(m)=manual int.

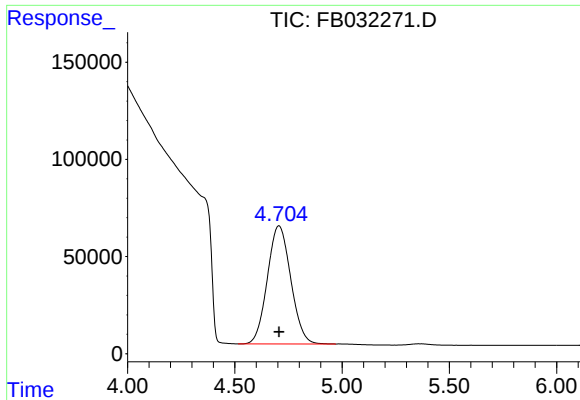
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032271.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 11:34
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
100 GRO STD

Integration File: Calibration.e
Quant Time: Oct 28 04:51:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:50:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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

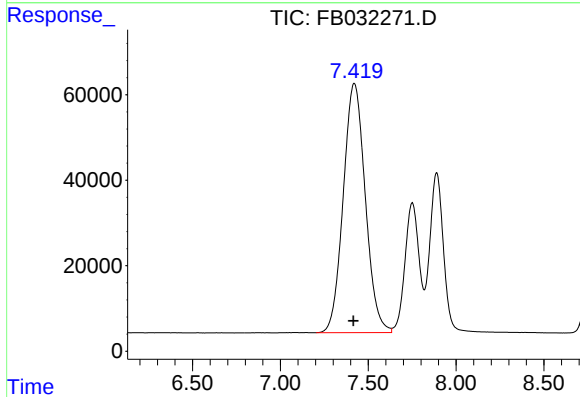




#1 2-Methylpentane

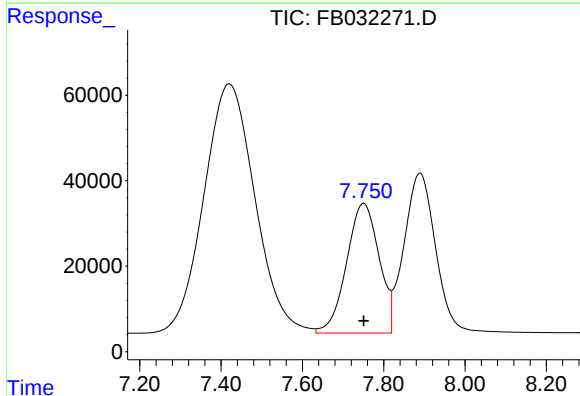
R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 4614718
Conc: 175.02 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



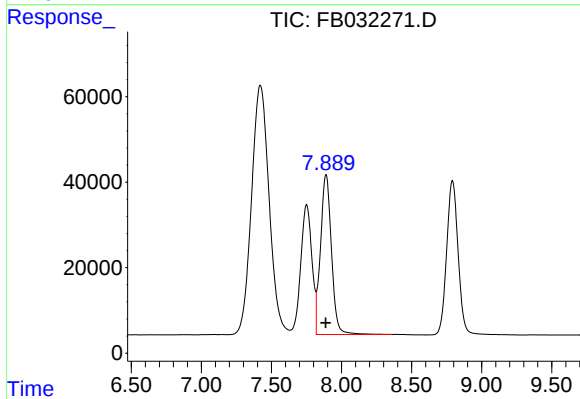
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
Delta R.T.: 0.004 min
Response: 5091748
Conc: 172.55 ng/ml



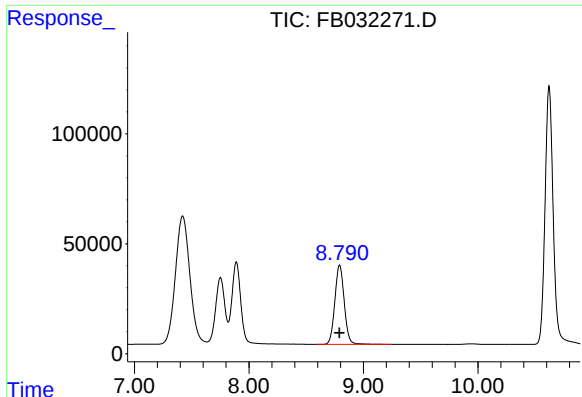
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: 0.000 min
Response: 1689329
Conc: 60.58 ng/ml



#4 Benzene

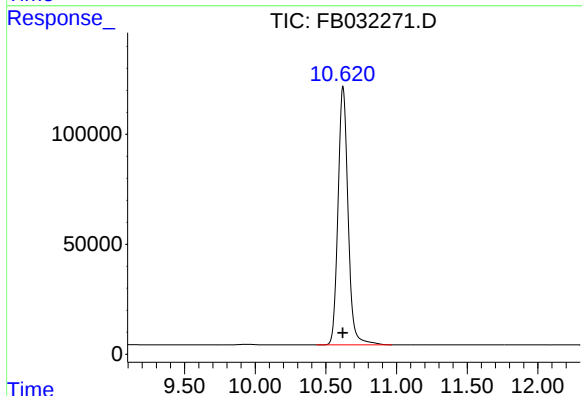
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 2034640
Conc: 61.20 ng/ml



#5 AAA-TFT

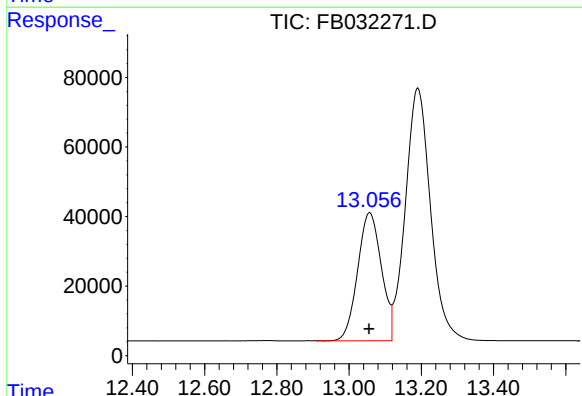
R.T.: 8.791 min
Delta R.T.: 0.000 min
Response: 2060599
Conc: 102.54 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD



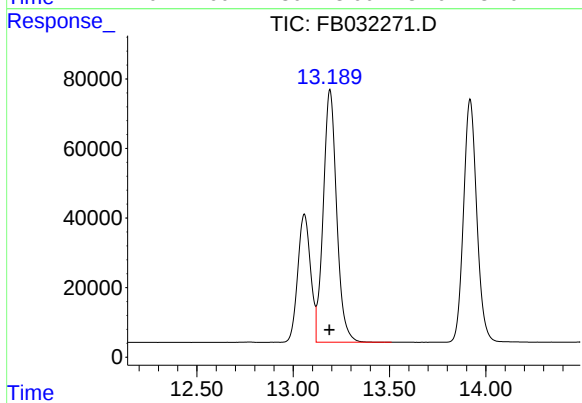
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.002 min
Response: 5799323
Conc: 166.48 ng/ml



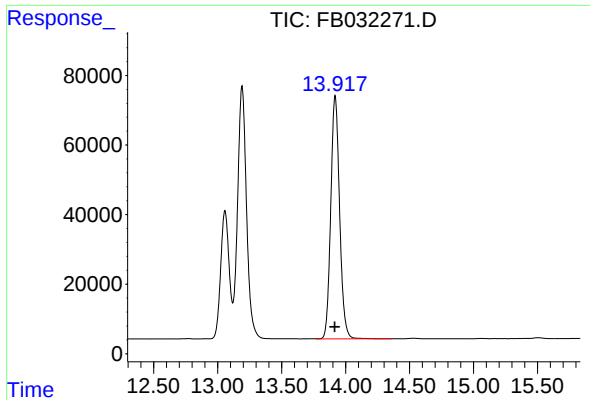
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.003 min
Response: 1681092
Conc: 54.10 ng/ml



#8 m-Xylene

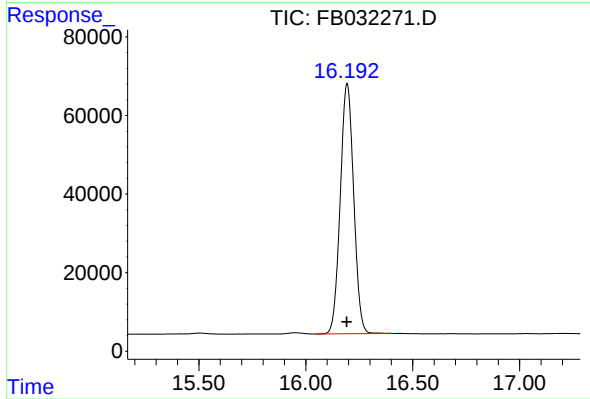
R.T.: 13.191 min
Delta R.T.: 0.002 min
Response: 3521215
Conc: 108.99 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 3354073
Conc: 106.92 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: 2778360
Conc: 104.46 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032271.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 11:34
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.705	4.515	4.971	BV	60819	4614718	79.57%	14.145%
2	7.420	7.203	7.633	PV	58336	5091748	87.80%	15.607%
3	7.751	7.633	7.820	VV	30403	1689329	29.13%	5.178%
4	7.890	7.820	8.359	VV	37452	2034640	35.08%	6.236%
5	8.791	8.587	9.247	BV	36111	2060599	35.53%	6.316%
6	10.621	10.432	10.967	BV	117470	5799323	100.00%	17.776%
7	13.058	12.909	13.119	BV	36880	1681092	28.99%	5.153%
8	13.191	13.119	13.511	VV	72664	3521215	60.72%	10.793%
9	13.918	13.770	14.360	VV	69895	3354073	57.84%	10.281%
10	16.194	16.049	16.403	PBA	63707	2778360	47.91%	8.516%

Sum of corrected areas: 32625096

FB102725.M Tue Oct 28 05:05:58 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
 Data File : FB032272.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2025 12:20
 Operator : YP/AJ
 Sample : FB1027GROICV
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 FB1027GROICV

Integration File: Calibration.e
 Quant Time: Oct 28 05:08:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
 Quant Title :
 QLast Update : Tue Oct 28 04:57:39 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	403255	19.882 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.709	861990	31.465 ng/ml
2) t 2,2,4-Trimethylpentane	7.418	959880	31.155 ng/ml
3) t n-Heptane	7.753	302582	10.327 ng/ml
4) t Benzene	7.891	350778	10.133 ng/ml
6) t Toluene	10.621	1076294	30.080 ng/ml
7) t Ethylbenzene	13.057	322035	10.126 ng/ml
8) t m-Xylene	13.191	679084	20.391 ng/ml
9) t O-Xylene	13.918	653154	20.340 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	583266	21.079 ng/ml

(f)=RT Delta > 1/2 Window

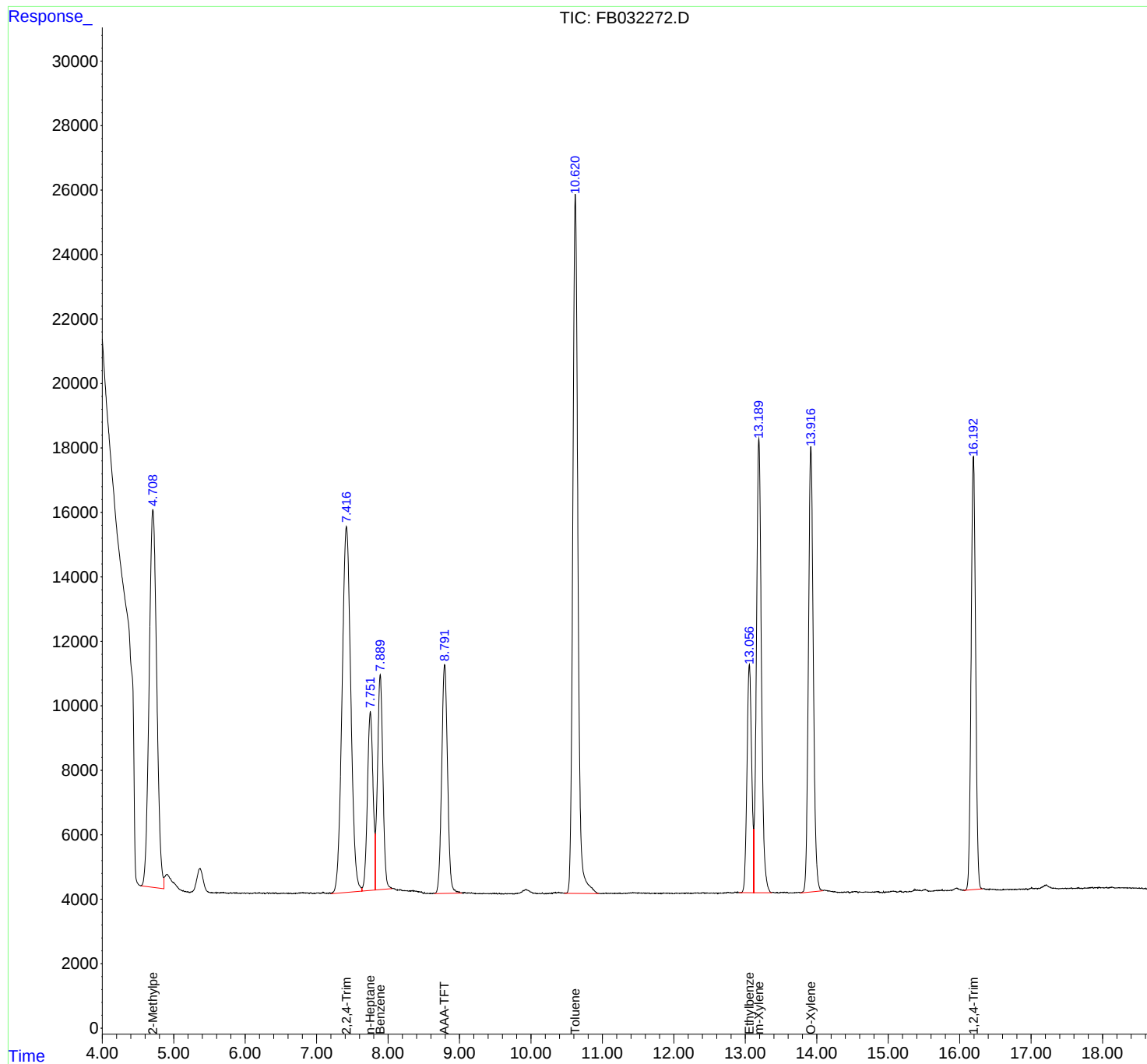
(m)=manual int.

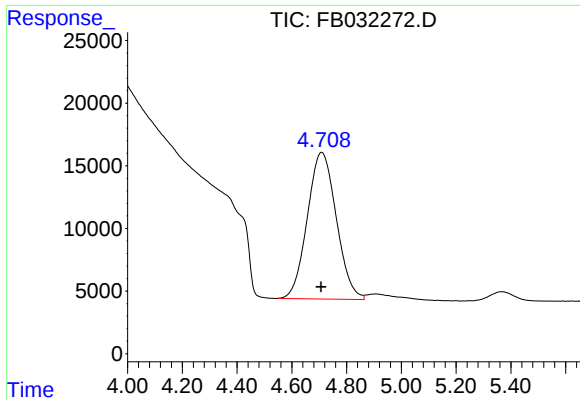
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032272.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 12:20
Operator : YP/AJ
Sample : FB1027GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB1027GROICV

Integration File: Calibration.e
Quant Time: Oct 28 05:08:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Quant Title :
QLast Update : Tue Oct 28 04:57:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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

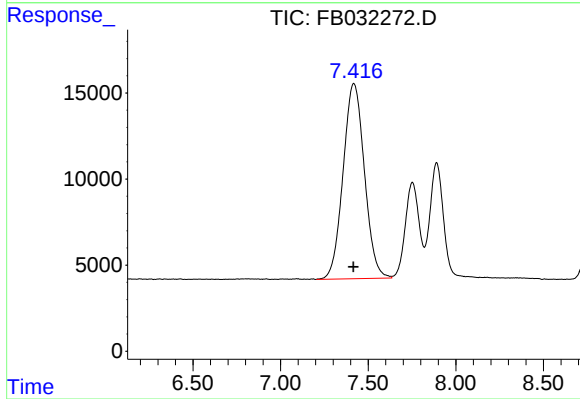




#1 2-Methylpentane

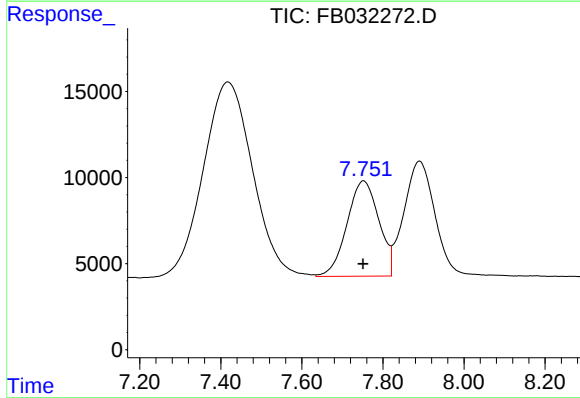
R.T.: 4.709 min
Delta R.T.: 0.002 min
Response: 861990
Conc: 31.47 ng/ml

Instrument :
FID_B
ClientSampleId :
FB1027GROICV



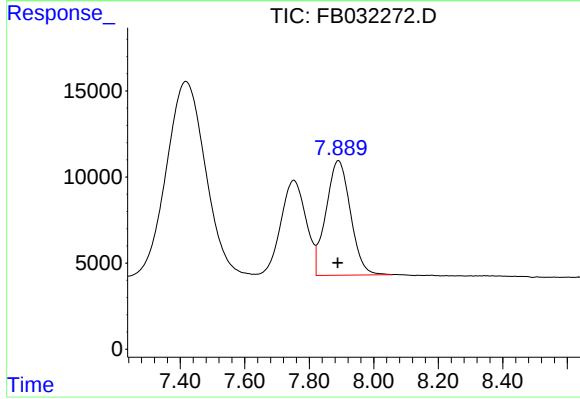
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 959880
Conc: 31.16 ng/ml



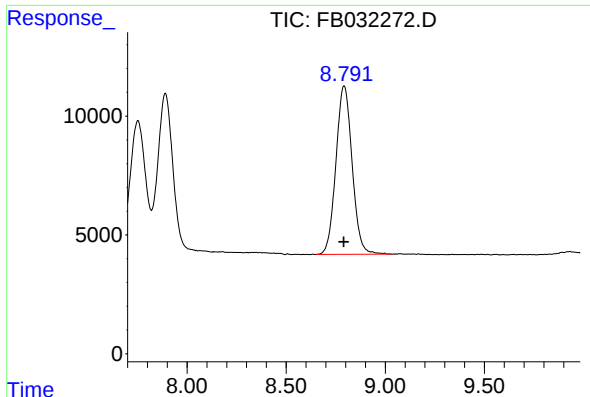
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.002 min
Response: 302582
Conc: 10.33 ng/ml



#4 Benzene

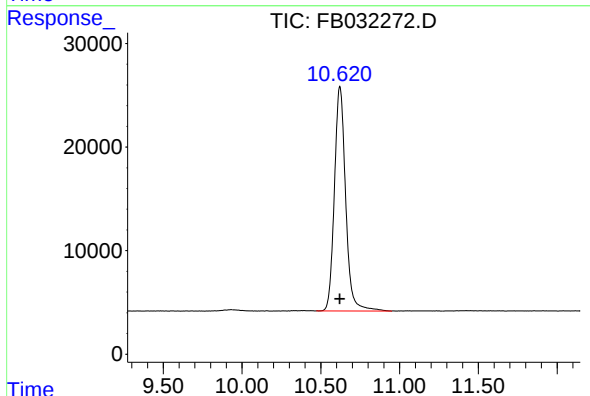
R.T.: 7.891 min
Delta R.T.: 0.002 min
Response: 350778
Conc: 10.13 ng/ml



#5 AAA-TFT

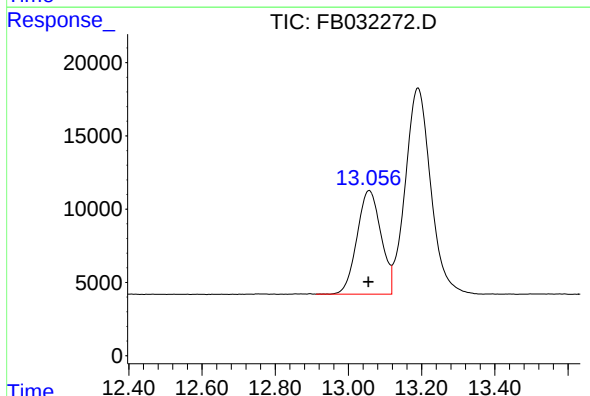
R.T.: 8.792 min
Delta R.T.: 0.002 min
Response: 403255
Conc: 19.88 ng/ml

Instrument :
FID_B
ClientSampleId :
FB1027GROICV



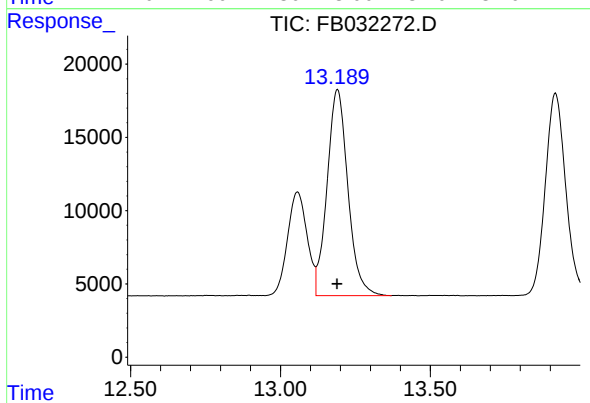
#6 Toluene

R.T.: 10.621 min
Delta R.T.: 0.002 min
Response: 1076294
Conc: 30.08 ng/ml



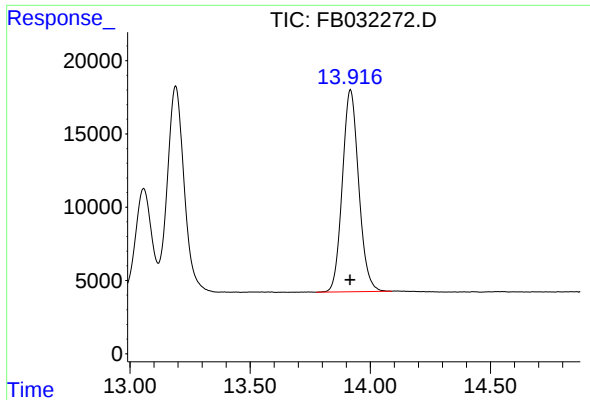
#7 Ethylbenzene

R.T.: 13.057 min
Delta R.T.: 0.002 min
Response: 322035
Conc: 10.13 ng/ml



#8 m-Xylene

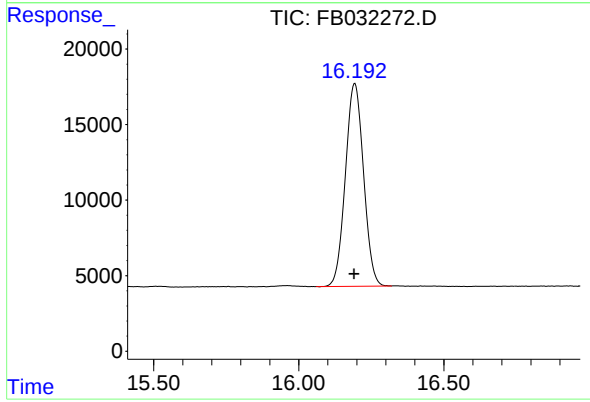
R.T.: 13.191 min
Delta R.T.: 0.002 min
Response: 679084
Conc: 20.39 ng/ml



#9 O-Xylene

R.T.: 13.918 min
Delta R.T.: 0.002 min
Response: 653154
Conc: 20.34 ng/ml

Instrument :
FID_B
ClientSampleId :
FB1027GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.002 min
Response: 583266
Conc: 21.08 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB102725\
Data File : FB032272.D
Signal(s) : FID2B.CH
Acq On : 27 Oct 2025 12:20
Sample : FB1027GR0ICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB102725.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.709	4.548	4.864	PV	11711	861990	80.09%	13.920%
2	7.418	7.204	7.635	BV	11350	959880	89.18%	15.501%
3	7.753	7.635	7.821	VV	5544	302582	28.11%	4.886%
4	7.891	7.821	8.056	VV	6663	350778	32.59%	5.665%
5	8.792	8.651	9.032	VV	7092	403255	37.47%	6.512%
6	10.621	10.471	10.951	BV	21676	1076294	100.00%	17.381%
7	13.057	12.912	13.119	BV	7075	322035	29.92%	5.201%
8	13.191	13.119	13.371	VV	14074	679084	63.09%	10.967%
9	13.918	13.775	14.090	PV	13804	653154	60.69%	10.548%
10	16.193	16.060	16.320	BV	13441	583266	54.19%	9.419%

Sum of corrected areas: 6192319

FB102725.M Tue Oct 28 05:09:18 2025