

GASOLINE RANGE ORGANICS INITIAL CALIBRATION SUMMARY

Lab Name: Chemtech Contract: JACO05
 ProjectID: Former Schlumberger STC PTC Site # D3868221
 Lab Code: CHEM Case No.: Q1478 SAS No.: Q1478 SDG No.: Q1478

Calibration Sequence : FB021125		Test : Gasoline Range Organics	
Concentration (PPB)	Area Count	Reference Factor	File ID
45	1779466	39544	FB031496.D
90	3162722	35141	FB031497.D
180	6789080	37717	FB031498.D
450	16752322	37227	FB031499.D
900	31233614	34704	FB031500.D
AVG RF : 36867		% RSD : 5.37	AVG RT : 8.786

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031496.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2025 9:32
 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: Feb 11 11:27:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 11:26:21 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	8.783	129950	5.460 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.712	252674	7.552 ng/ml
2) t 2,2,4-Trimethylpentane	7.409	308763	7.791 ng/ml
3) t n-Heptane	7.743	93540	2.498 ng/ml
4) t Benzene	7.881	113600	2.422 ng/ml
6) t Toluene	10.611	333318	7.926 ng/ml
7) t Ethylbenzene	13.048	98563	2.718 ng/ml
8) t m-Xylene	13.182	209393	5.321 ng/ml
9) t O-Xylene	13.909	201640	5.379 ng/ml
10) t 1,2,4-Trimethylbenzene	16.186	167975	5.675 ng/ml

(f)=RT Delta > 1/2 Window

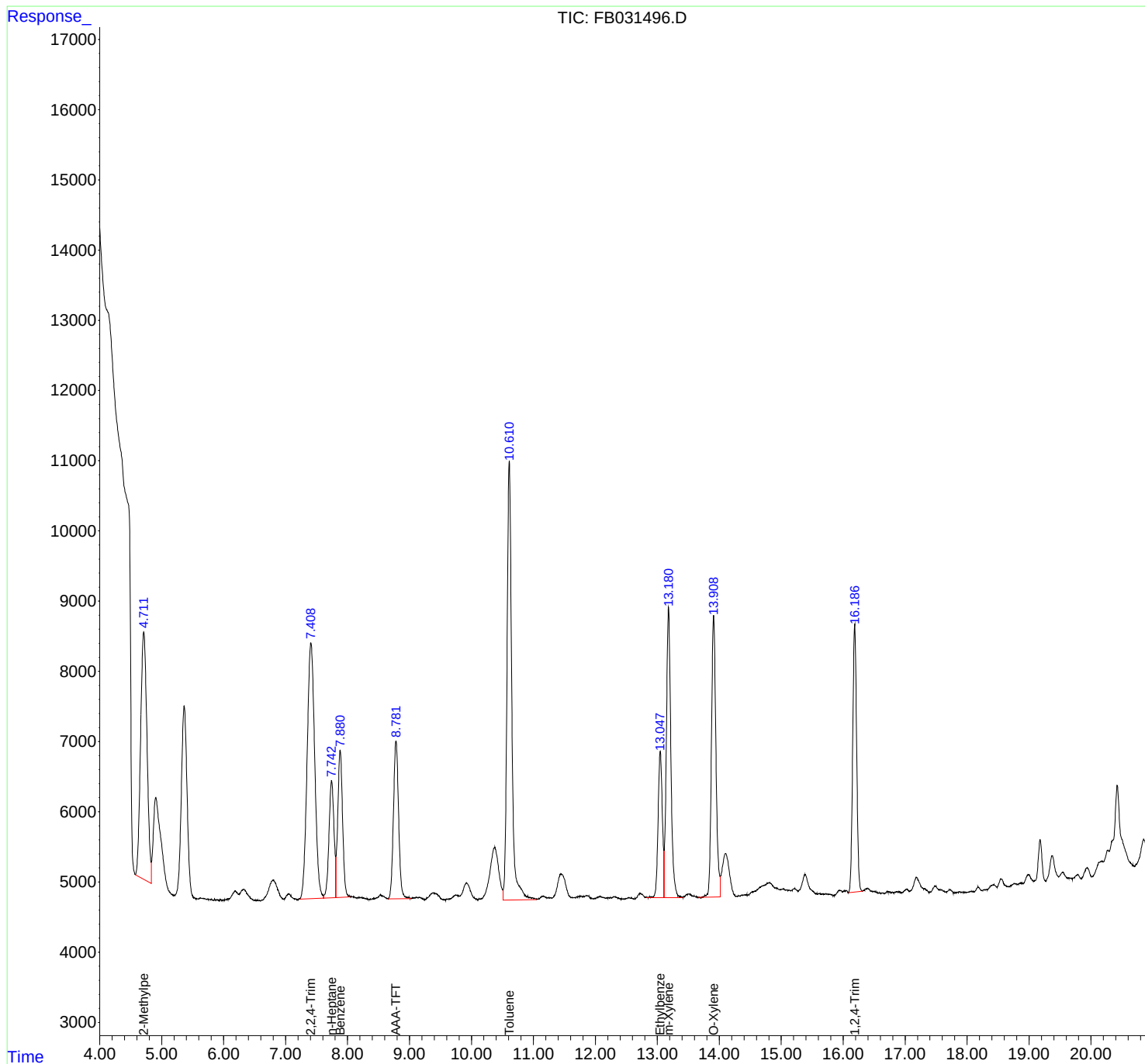
(m)=manual int.

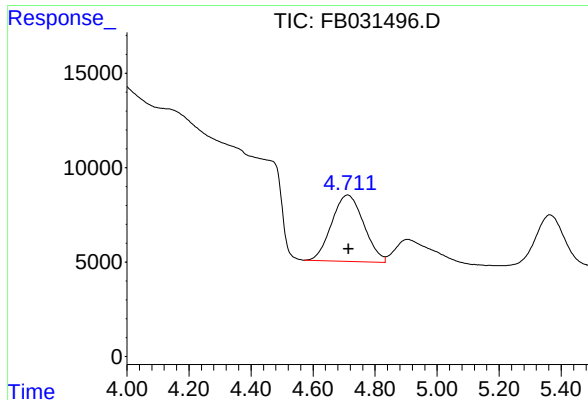
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031496.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 9:32
Operator : YP/AJ
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
5 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

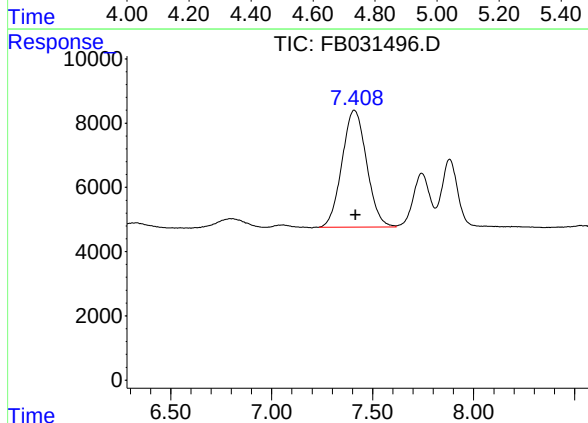




#1 2-Methylpentane

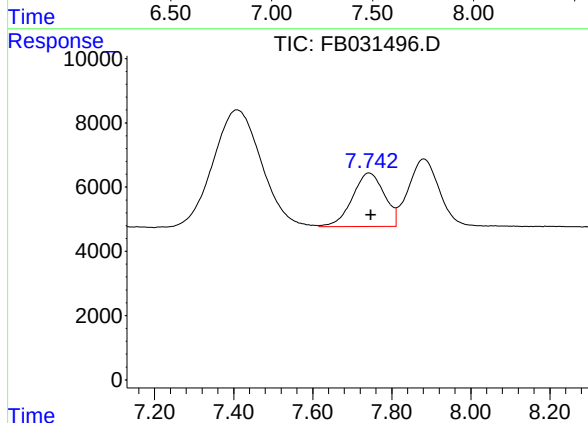
R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 252674
Conc: 7.55 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



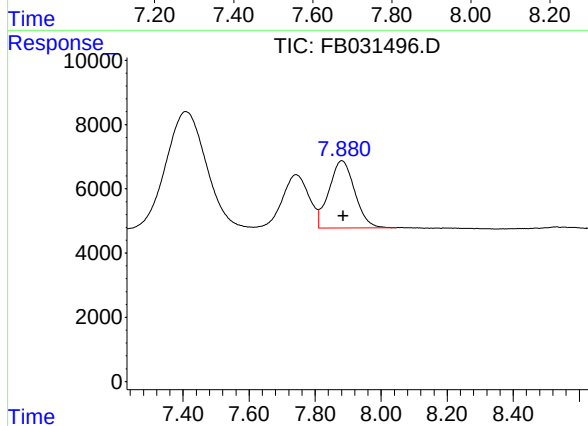
#2 2,2,4-Trimethylpentane

R.T.: 7.409 min
Delta R.T.: -0.007 min
Response: 308763
Conc: 7.79 ng/ml



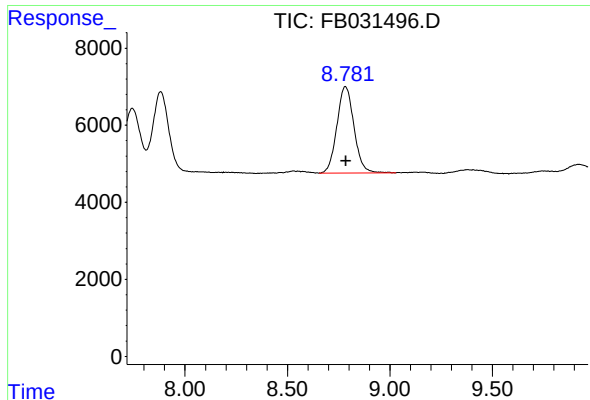
#3 n-Heptane

R.T.: 7.743 min
Delta R.T.: -0.005 min
Response: 93540
Conc: 2.50 ng/ml



#4 Benzene

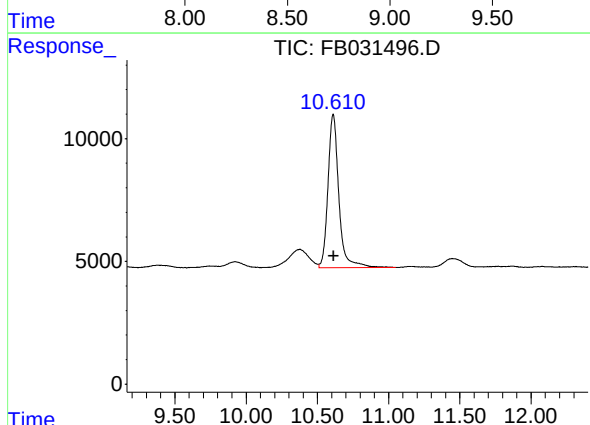
R.T.: 7.881 min
Delta R.T.: -0.004 min
Response: 113600
Conc: 2.42 ng/ml



#5 AAA-TFT

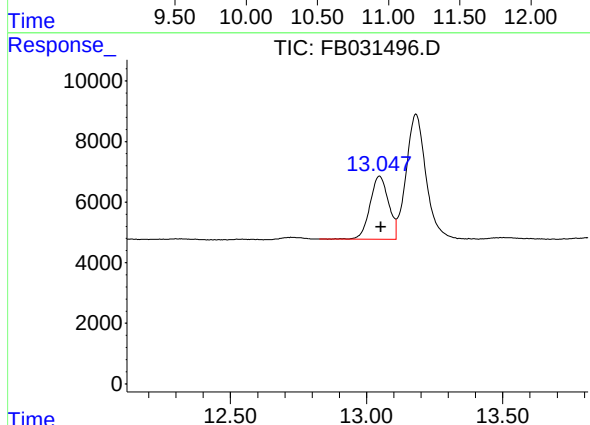
R.T.: 8.783 min
Delta R.T.: -0.004 min
Response: 129950
Conc: 5.46 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



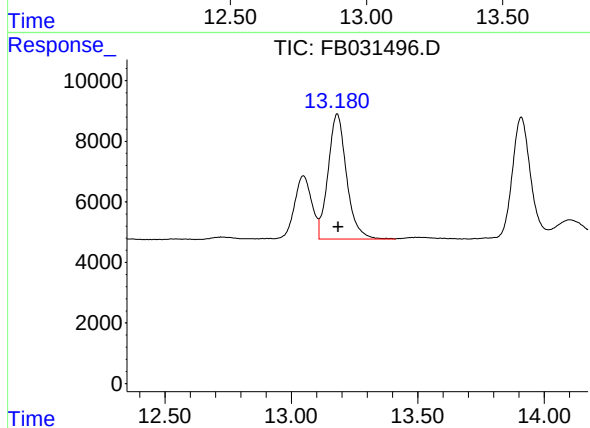
#6 Toluene

R.T.: 10.611 min
Delta R.T.: -0.004 min
Response: 333318
Conc: 7.93 ng/ml



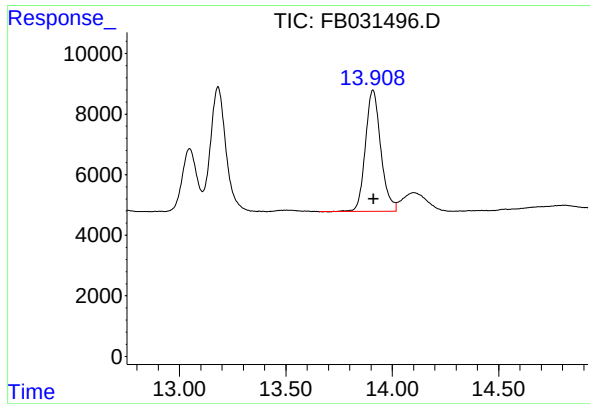
#7 Ethylbenzene

R.T.: 13.048 min
Delta R.T.: -0.005 min
Response: 98563
Conc: 2.72 ng/ml



#8 m-Xylene

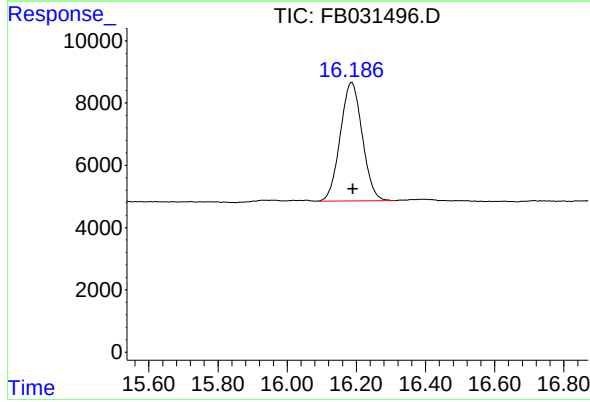
R.T.: 13.182 min
Delta R.T.: -0.004 min
Response: 209393
Conc: 5.32 ng/ml



#9 O-Xylene

R.T.: 13.909 min
Delta R.T.: -0.005 min
Response: 201640
Conc: 5.38 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.186 min
Delta R.T.: -0.004 min
Response: 167975
Conc: 5.68 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031496.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 9:32
Sample : 5 GRO STD
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.712	4.571	4.833	BV	3521	252674	75.81%	13.233%
2	7.409	7.234	7.616	BV	3644	308763	92.63%	16.171%
3	7.743	7.616	7.811	VV	1670	93540	28.06%	4.899%
4	7.881	7.811	8.044	VV	2096	113600	34.08%	5.949%
5	8.783	8.654	9.029	BB	2247	129950	38.99%	6.806%
6	10.611	10.510	11.050	VB	6251	333318	100.00%	17.457%
7	13.048	12.826	13.109	BV	2085	98563	29.57%	5.162%
8	13.182	13.109	13.413	VV	4135	209393	62.82%	10.966%
9	13.909	13.655	14.017	BV	4012	201640	60.49%	10.560%
10	16.187	16.091	16.313	BV	3813	167975	50.39%	8.797%

Sum of corrected areas: 1909417

FB021125.M Wed Feb 12 00:44:12 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031497.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2025 10:03
 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: Feb 11 11:28:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 11:26:21 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	253539	10.184 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.713	458534	13.658 ng/ml
2) t 2,2,4-Trimethylpentane	7.413	562060	13.912 ng/ml
3) t n-Heptane	7.748	170371	4.551 ng/ml
4) t Benzene	7.886	213632	4.627 ng/ml
6) t Toluene	10.614	583958	13.502 ng/ml
7) t Ethylbenzene	13.050	170164	4.497 ng/ml
8) t m-Xylene	13.184	368954	9.084 ng/ml
9) t O-Xylene	13.912	352300	9.055 ng/ml
10) t 1,2,4-Trimethylbenzene	16.188	282749	8.949 ng/ml

(f)=RT Delta > 1/2 Window

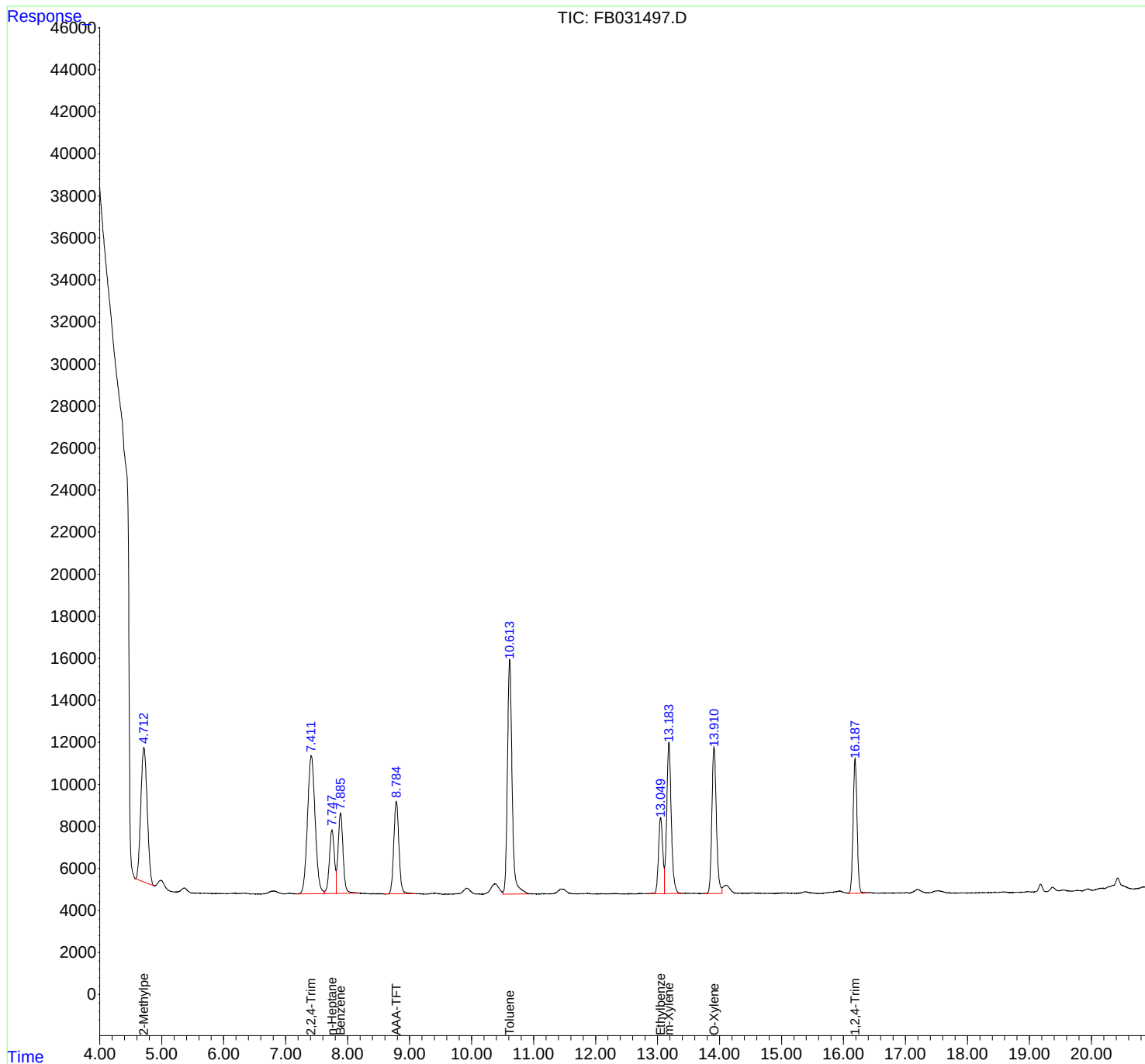
(m)=manual int.

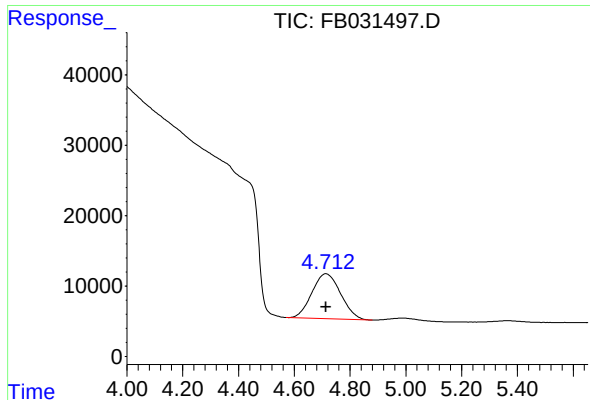
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031497.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 10:03
Operator : YP/AJ
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
10 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

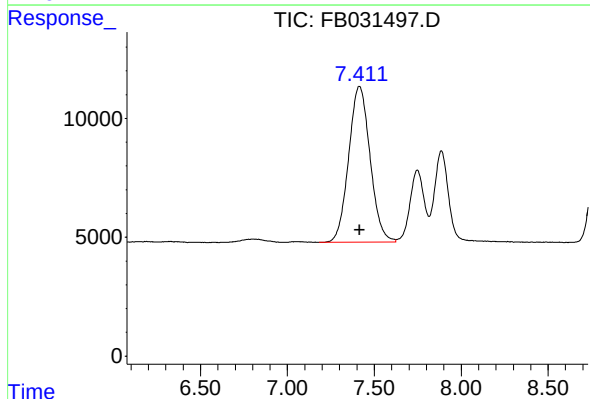




#1 2-Methylpentane

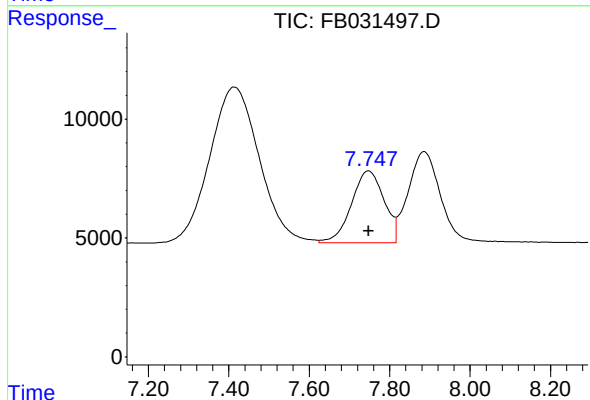
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 458534
Conc: 13.66 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



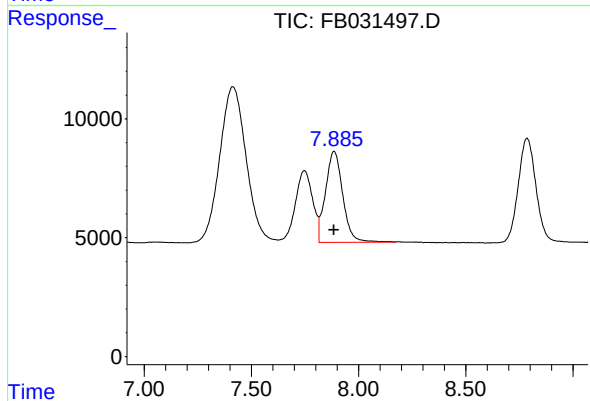
#2 2,2,4-Trimethylpentane

R.T.: 7.413 min
Delta R.T.: -0.003 min
Response: 562060
Conc: 13.91 ng/ml



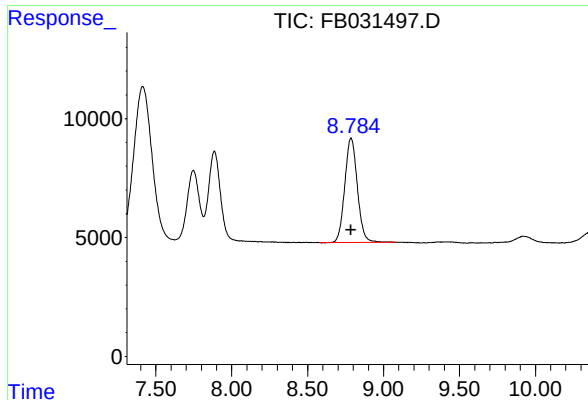
#3 n-Heptane

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 170371
Conc: 4.55 ng/ml



#4 Benzene

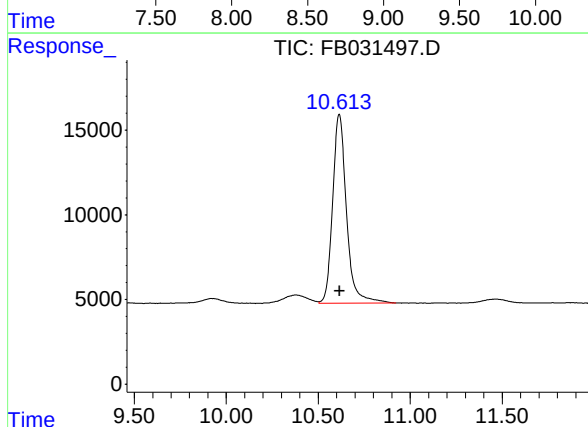
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 213632
Conc: 4.63 ng/ml



#5 AAA-TFT

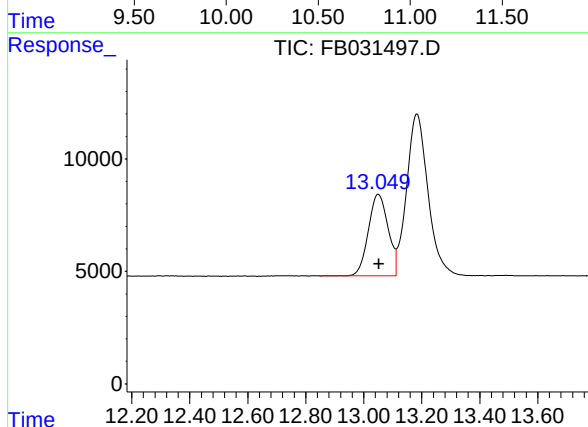
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 253539
Conc: 10.18 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



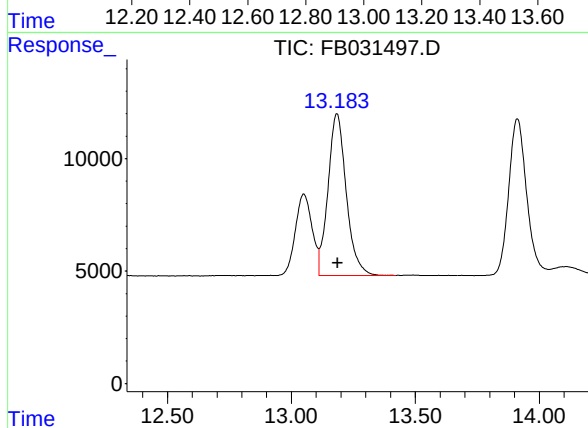
#6 Toluene

R.T.: 10.614 min
Delta R.T.: 0.000 min
Response: 583958
Conc: 13.50 ng/ml



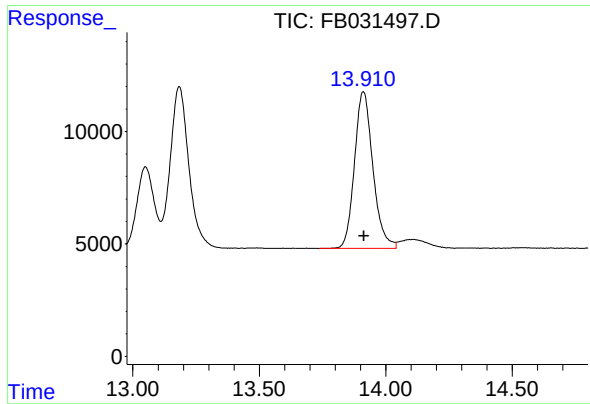
#7 Ethylbenzene

R.T.: 13.050 min
Delta R.T.: -0.002 min
Response: 170164
Conc: 4.50 ng/ml



#8 m-Xylene

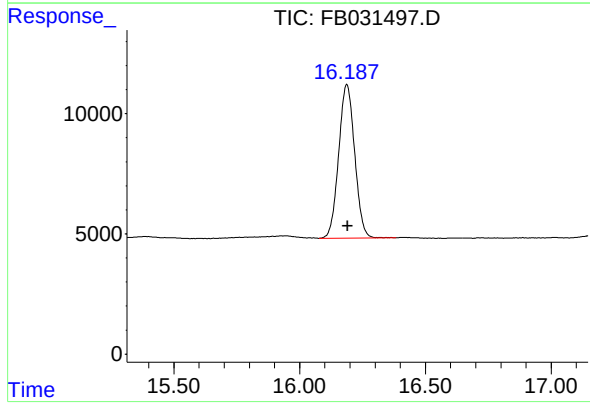
R.T.: 13.184 min
Delta R.T.: -0.002 min
Response: 368954
Conc: 9.08 ng/ml



#9 O-Xylene

R.T.: 13.912 min
Delta R.T.: -0.002 min
Response: 352300
Conc: 9.06 ng/ml

Instrument :
FID_B
ClientSampleId :
10 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.188 min
Delta R.T.: -0.003 min
Response: 282749
Conc: 8.95 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031497.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 10:03
Sample : 10 GRO STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Title :

Signal : FID2B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.713	4.571	4.880	BV	6404	458534	78.52%	13.422%
2	7.413	7.181	7.624	BV	6565	562060	96.25%	16.452%
3	7.748	7.624	7.816	VV	3030	170371	29.18%	4.987%
4	7.886	7.816	8.175	VV	3831	213632	36.58%	6.253%
5	8.786	8.576	9.082	BB	4400	253539	43.42%	7.422%
6	10.614	10.504	10.922	VV	11160	583958	100.00%	17.093%
7	13.050	12.845	13.111	BV	3624	170164	29.14%	4.981%
8	13.184	13.111	13.422	VV	7199	368954	63.18%	10.800%
9	13.912	13.736	14.041	BV	6971	352300	60.33%	10.312%
10	16.188	16.077	16.383	PV	6401	282749	48.42%	8.277%

Sum of corrected areas: 3416260

FB021125.M Wed Feb 12 00:44:47 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031498.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 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: Feb 11 11:26:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 11:26:21 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	475986	20.000 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	1003699	30.000 ng/ml
2) t 2,2,4-Trimethylpentane	7.416	1188988	30.000 ng/ml
3) t n-Heptane	7.748	374533	10.000 ng/ml
4) t Benzene	7.886	468966	10.000 ng/ml
6) t Toluene	10.615	1261676	30.000 ng/ml
7) t Ethylbenzene	13.053	362606	10.000 ng/ml
8) t m-Xylene	13.186	786989	20.000 ng/ml
9) t O-Xylene	13.914	749677	20.000 ng/ml
10) t 1,2,4-Trimethylbenzene	16.190	591946	20.000 ng/ml

(f)=RT Delta > 1/2 Window

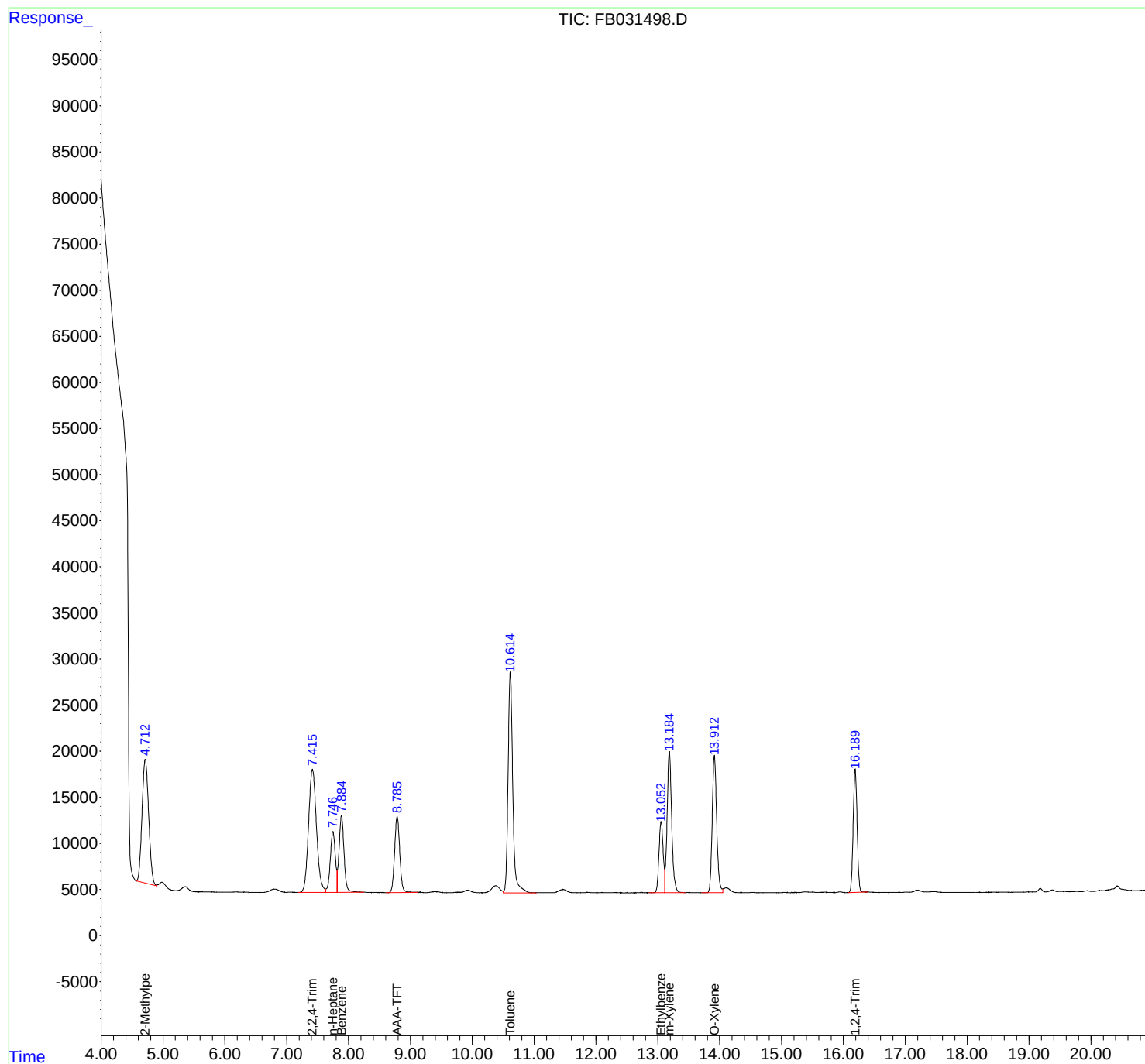
(m)=manual int.

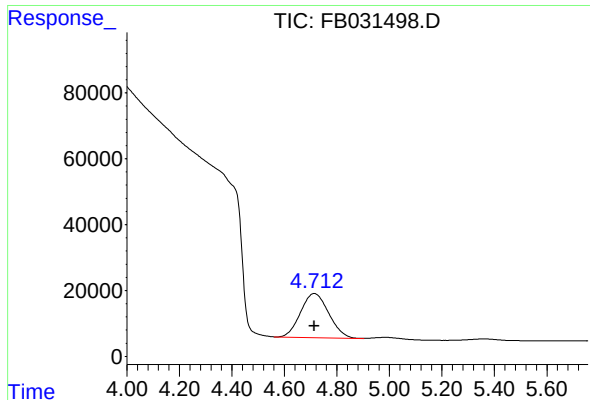
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031498.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 11:32
Operator : YP/AJ
Sample : 20 GRO STD
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
20 GRO STD

Integration File: Calibration.e
Quant Time: Feb 11 11:26:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:26:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

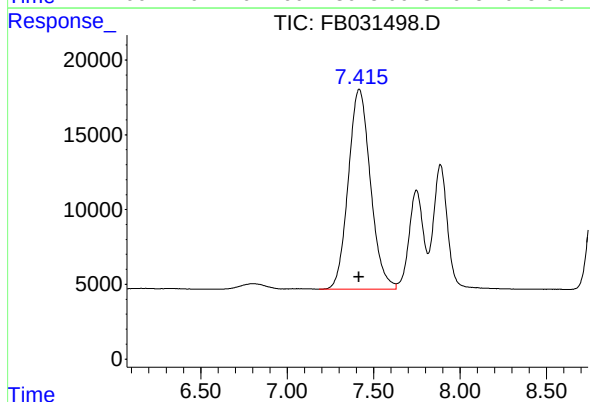




#1 2-Methylpentane

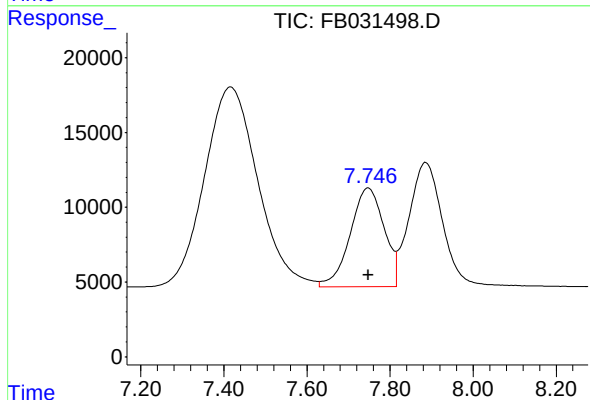
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 1003699
Conc: 30.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



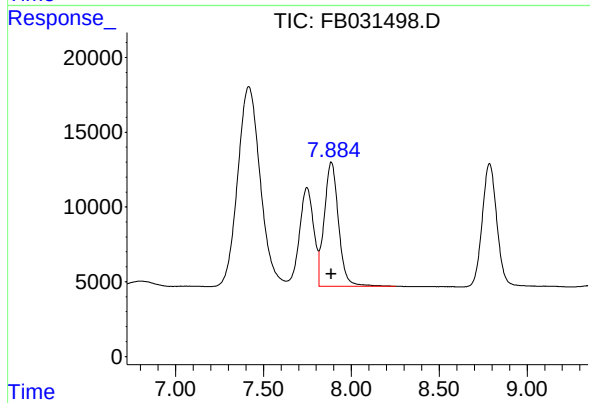
#2 2,2,4-Trimethylpentane

R.T.: 7.416 min
Delta R.T.: 0.000 min
Response: 1188988
Conc: 30.00 ng/ml



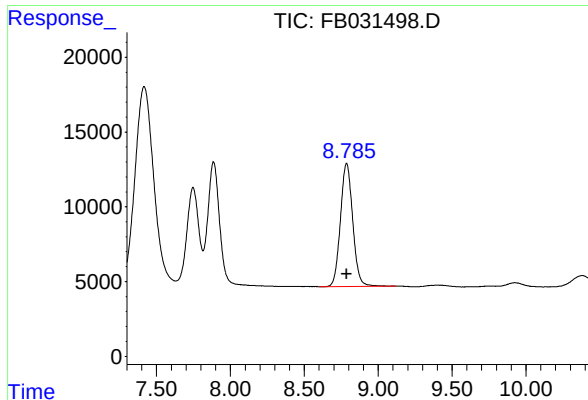
#3 n-Heptane

R.T.: 7.748 min
Delta R.T.: 0.000 min
Response: 374533
Conc: 10.00 ng/ml



#4 Benzene

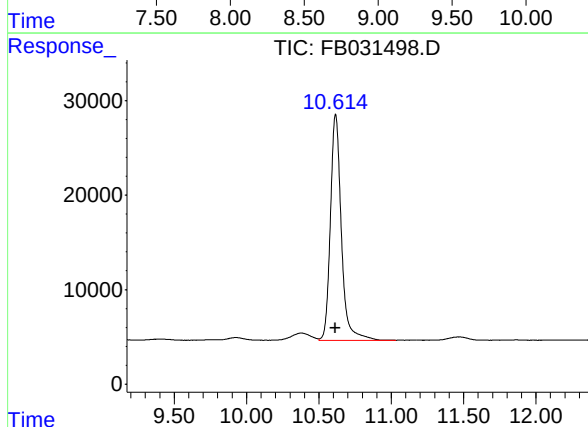
R.T.: 7.886 min
Delta R.T.: 0.000 min
Response: 468966
Conc: 10.00 ng/ml



#5 AAA-TFT

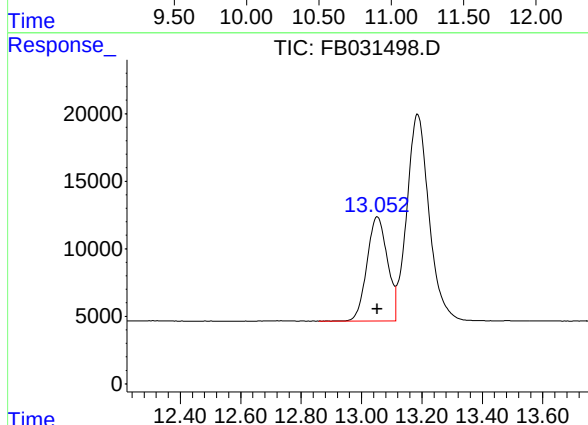
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 475986
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



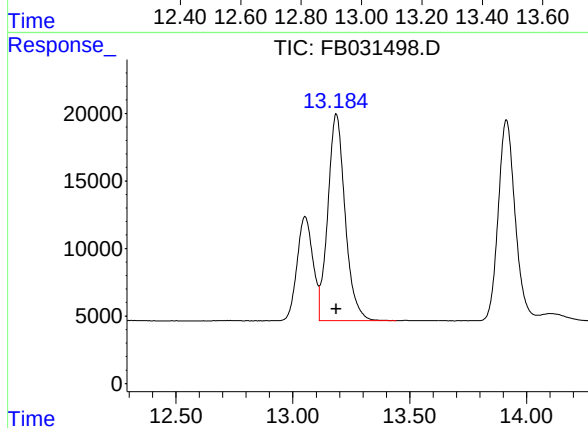
#6 Toluene

R.T.: 10.615 min
Delta R.T.: 0.000 min
Response: 1261676
Conc: 30.00 ng/ml



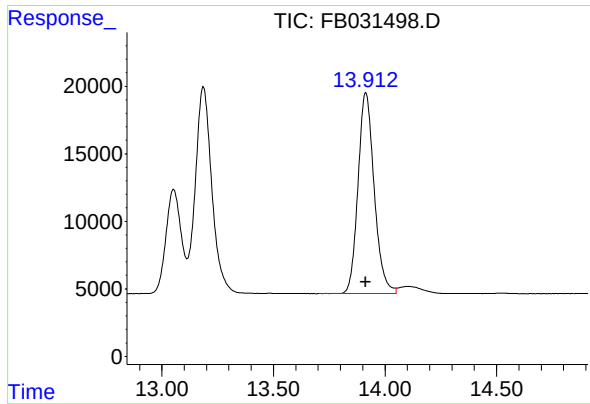
#7 Ethylbenzene

R.T.: 13.053 min
Delta R.T.: 0.000 min
Response: 362606
Conc: 10.00 ng/ml



#8 m-Xylene

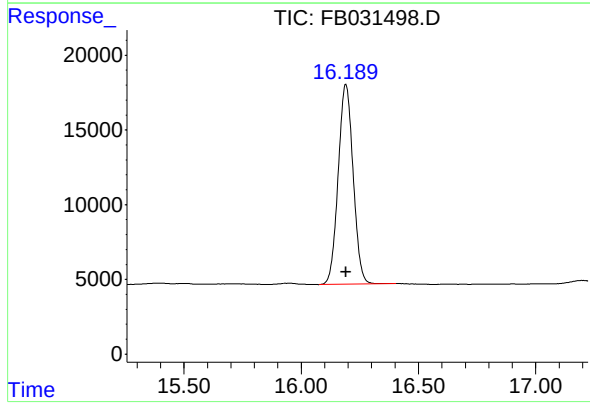
R.T.: 13.186 min
Delta R.T.: 0.000 min
Response: 786989
Conc: 20.00 ng/ml



#9 O-Xylene

R.T.: 13.914 min
Delta R.T.: 0.000 min
Response: 749677
Conc: 20.00 ng/ml

Instrument :
FID_B
ClientSampleId :
20 GRO STD



#10 1,2,4-Trimethylbenzene

R.T.: 16.190 min
Delta R.T.: 0.000 min
Response: 591946
Conc: 20.00 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031498.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 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\FB021125.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	4.902	BV	13428	1003699	79.55%	13.815%
2	7.416	7.184	7.629	BV	13369	1188988	94.24%	16.366%
3	7.748	7.629	7.815	VV	6606	374533	29.69%	5.155%
4	7.886	7.815	8.253	VB	8312	468966	37.17%	6.455%
5	8.786	8.601	9.121	BV	8245	475986	37.73%	6.552%
6	10.615	10.501	11.032	VV	23923	1261676	100.00%	17.366%
7	13.053	12.858	13.113	BV	7724	362606	28.74%	4.991%
8	13.186	13.113	13.442	VV	15322	786989	62.38%	10.833%
9	13.914	13.704	14.049	BV	14884	749677	59.42%	10.319%
10	16.190	16.075	16.404	PBA	13383	591946	46.92%	8.148%

Sum of corrected areas: 7265067

FB021125.M Wed Feb 12 00:45:20 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031499.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2025 12:03
 Operator : YP/AJ
 Sample : 50 GRO STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 50 GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: Calibration.e
 Quant Time: Feb 11 11:57:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 11:28:50 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	8.787	1046375	41.775 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.713	2396841	73.586 ng/mlm
2) t 2,2,4-Trimethylpentane	7.420	2988084	75.794 ng/ml
3) t n-Heptane	7.749	801791	22.079 ng/ml
4) t Benzene	7.888	1109196	24.637 ng/ml
6) t Toluene	10.616	3076531	73.584 ng/ml
7) t Ethylbenzene	13.054	930011	25.429 ng/ml
8) t m-Xylene	13.187	2030191	51.561 ng/ml
9) t O-Xylene	13.915	1916993	50.875 ng/ml
10) t 1,2,4-Trimethylbenzene	16.192	1502684	49.286 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031499.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:03
Operator : YP/AJ
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

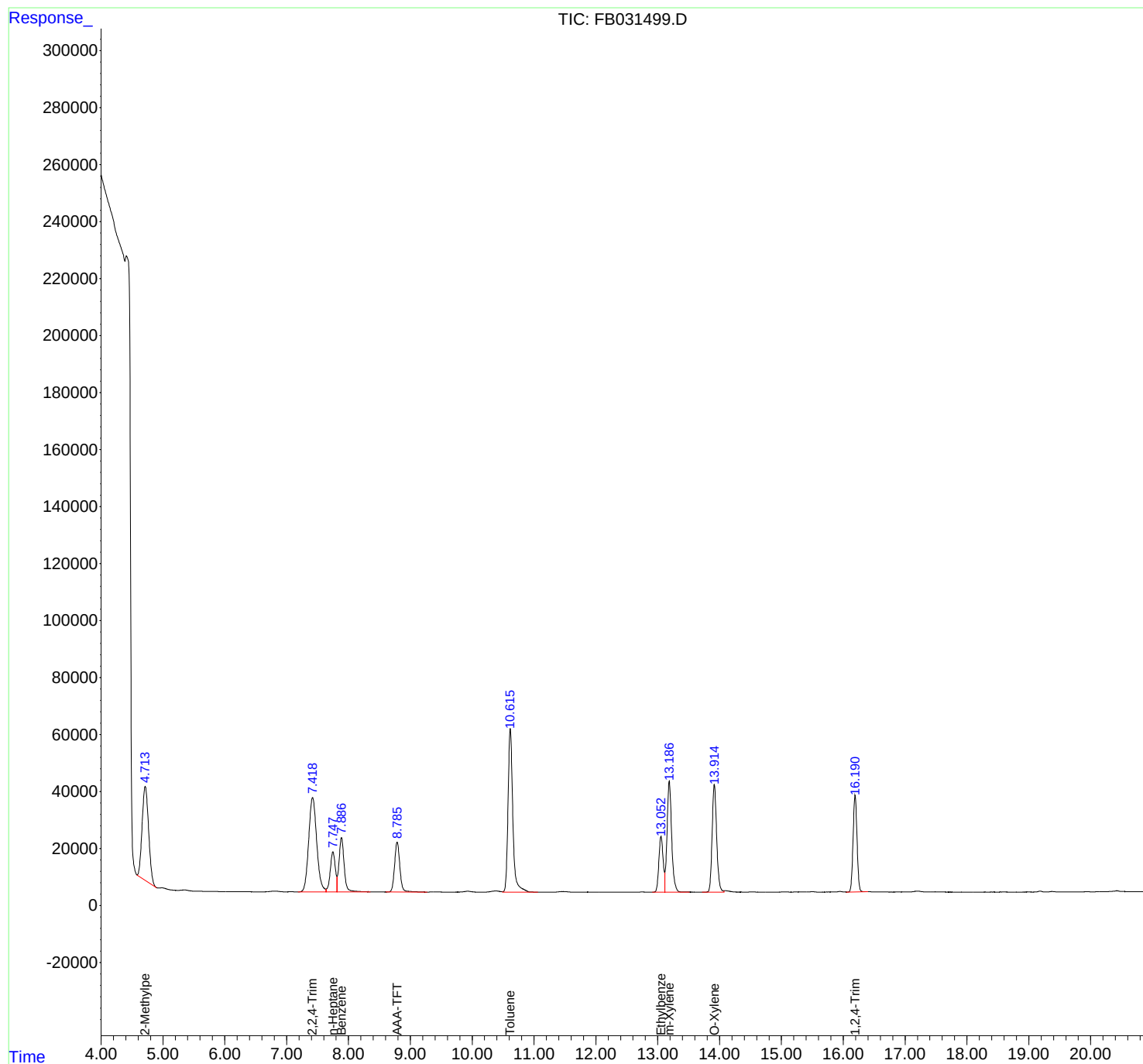
Instrument :
FID_B
ClientSampleId :
50 GRO STD

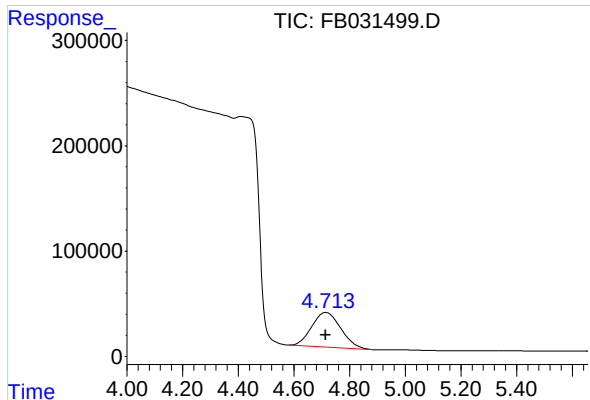
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Integration File: Calibration.e
Quant Time: Feb 11 11:57:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 11:28:50 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.: 4.713 min
 Delta R.T.: 0.000 min
 Response: 2396841
 Conc: 73.59 ng/ml

Instrument :

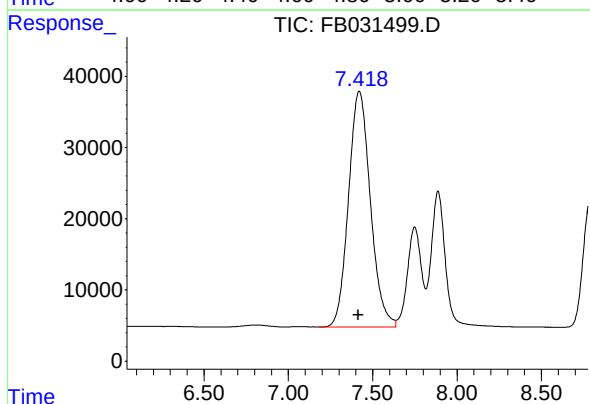
FID_B

ClientSampleId :

50 GRO STD

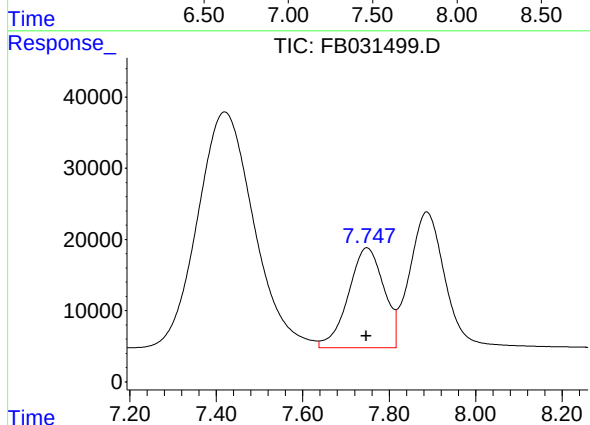
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025



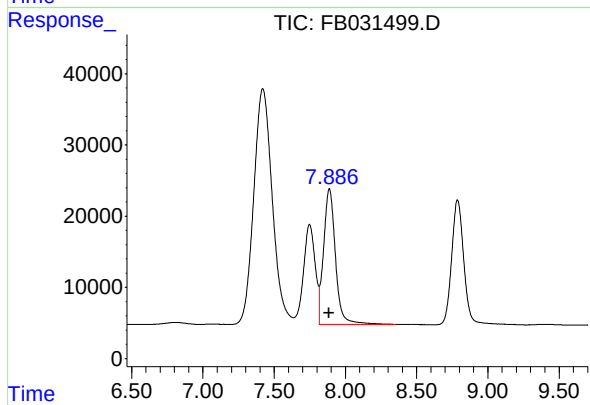
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
 Delta R.T.: 0.004 min
 Response: 2988084
 Conc: 75.79 ng/ml



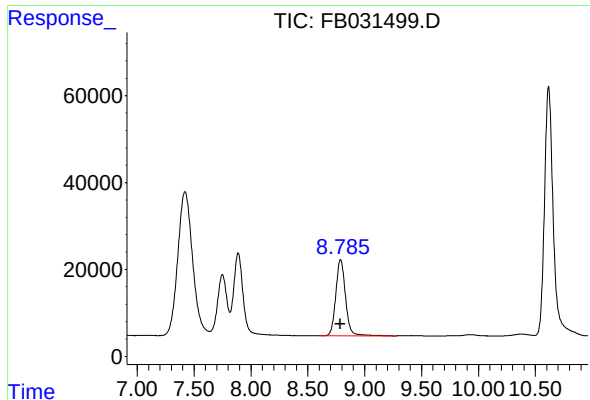
#3 n-Heptane

R.T.: 7.749 min
 Delta R.T.: 0.001 min
 Response: 801791
 Conc: 22.08 ng/ml



#4 Benzene

R.T.: 7.888 min
 Delta R.T.: 0.002 min
 Response: 1109196
 Conc: 24.64 ng/ml



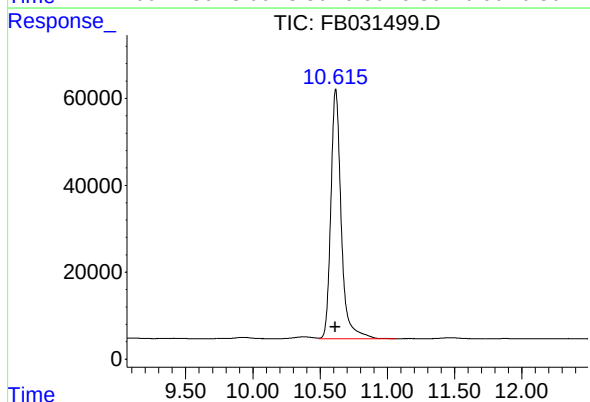
#5 AAA-TFT

R.T.: 8.787 min
Delta R.T.: 0.001 min
Response: 1046375
Conc: 41.78 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD

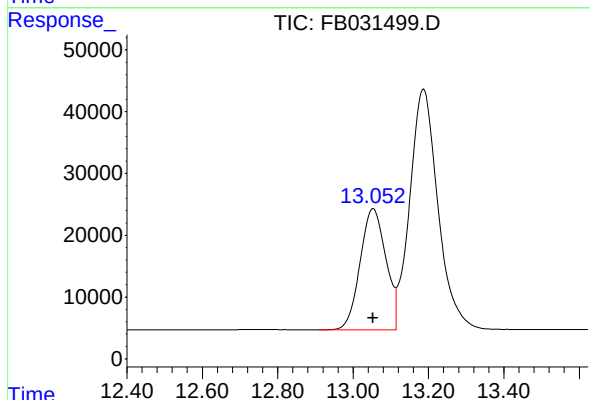
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



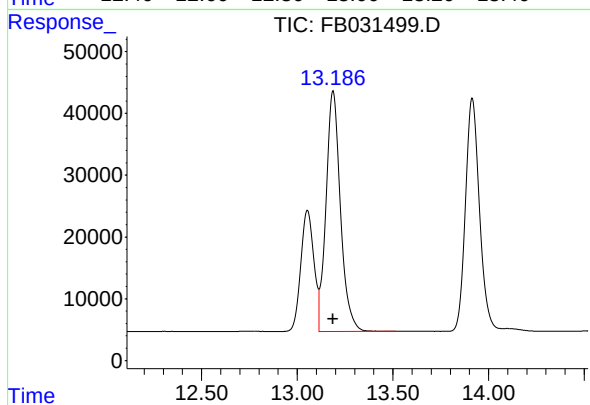
#6 Toluene

R.T.: 10.616 min
Delta R.T.: 0.001 min
Response: 3076531
Conc: 73.58 ng/ml



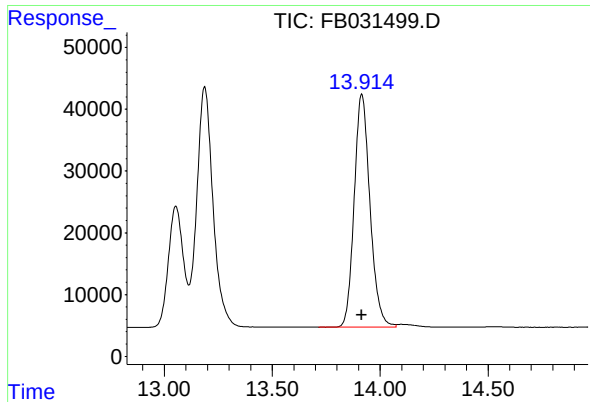
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.000 min
Response: 930011
Conc: 25.43 ng/ml



#8 m-Xylene

R.T.: 13.187 min
Delta R.T.: 0.000 min
Response: 2030191
Conc: 51.56 ng/ml



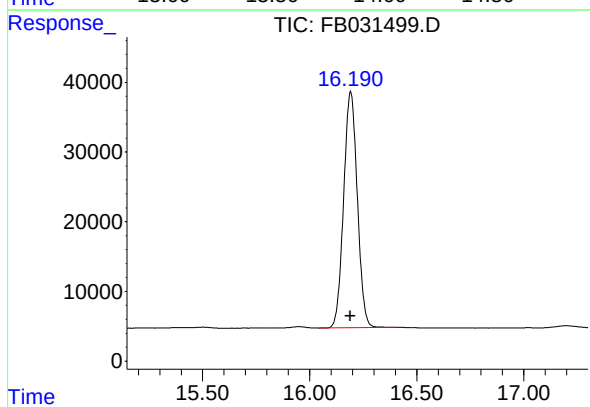
#9 O-Xylene

R.T.: 13.915 min
Delta R.T.: 0.001 min
Response: 1916993
Conc: 50.87 ng/ml

Instrument :
FID_B
ClientSampleId :
50 GRO STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.192 min
Delta R.T.: 0.001 min
Response: 1502684
Conc: 49.29 ng/ml

rteres

Instrument :
FID_B
LabSampleId :
50 GRO STD
Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125.M
Data File : FB031499.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:03
Sample : 50 GRO STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.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	4.576	4.930	BV	32794	2364210	76.85%	13.307%
2	7.420	7.181	7.637	BV	33139	2988084	97.13%	16.819%
3	7.749	7.637	7.816	VV	14054	801791	26.06%	4.513%
4	7.888	7.816	8.356	VV	19073	1109196	36.05%	6.243%
5	8.787	8.598	9.274	BV	17552	1046375	34.01%	5.890%
6	10.616	10.492	11.064	VV	57441	3076531	100.00%	17.317%
7	13.054	12.909	13.114	BV	19614	930011	30.23%	5.235%
8	13.187	13.114	13.516	VB	38963	2030191	65.99%	11.427%
9	13.915	13.717	14.074	BV	37763	1916993	62.31%	10.790%
10	16.192	16.043	16.403	PBA	33918	1502684	48.84%	8.458%

Sum of corrected areas: 17766068

FB021125.M Wed Feb 12 00:45:56 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031500.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2025 12:34
 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 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: Calibration.e
 Quant Time: Feb 11 12:31:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 12:31:17 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	2147540	89.415 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.714	4506855	139.022 ng/mlm
2) t 2,2,4-Trimethylpentane	7.424	5465363	138.265 ng/ml
3) t n-Heptane	7.749	1560135	44.254 ng/ml
4) t Benzene	7.888	2127694	47.432 ng/ml
6) t Toluene	10.618	5840600	140.358 ng/ml
7) t Ethylbenzene	13.055	1730637	47.118 ng/ml
8) t m-Xylene	13.188	3773935	95.105 ng/ml
9) t O-Xylene	13.917	3563540	94.160 ng/ml
10) t 1,2,4-Trimethylbenzene	16.193	2664855	87.717 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031500.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:34
Operator : YP/AJ
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

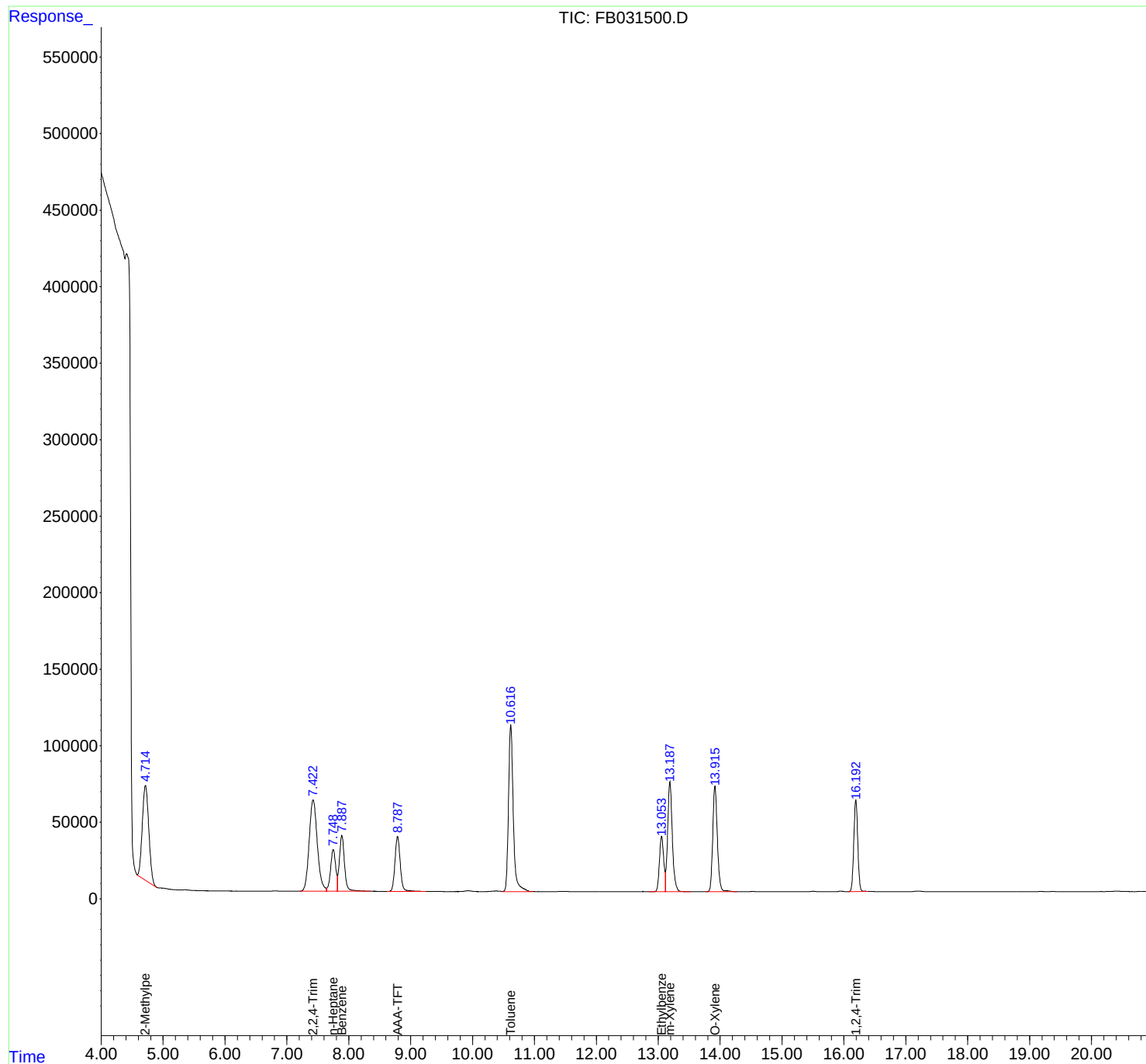
Instrument :
FID_B
ClientSampleId :
100 GRO STD

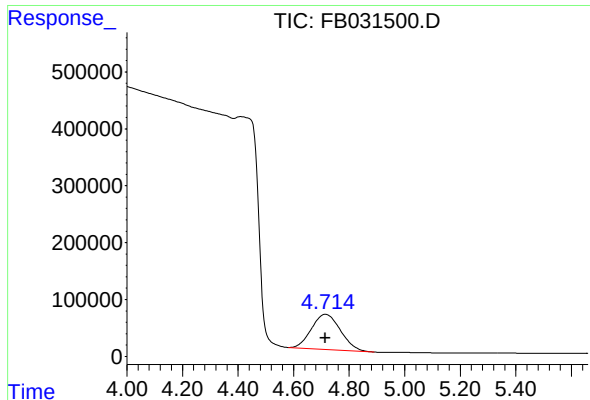
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Integration File: Calibration.e
Quant Time: Feb 11 12:31:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:31:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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





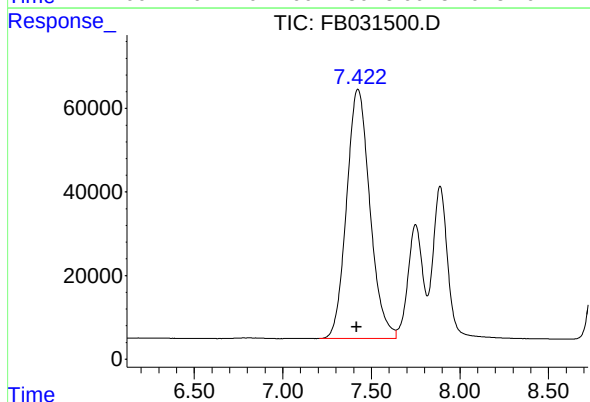
#1 2-Methylpentane

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 4506855
Conc: 139.02 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

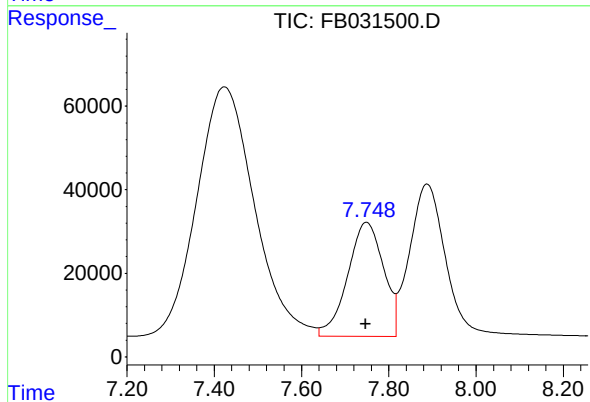
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



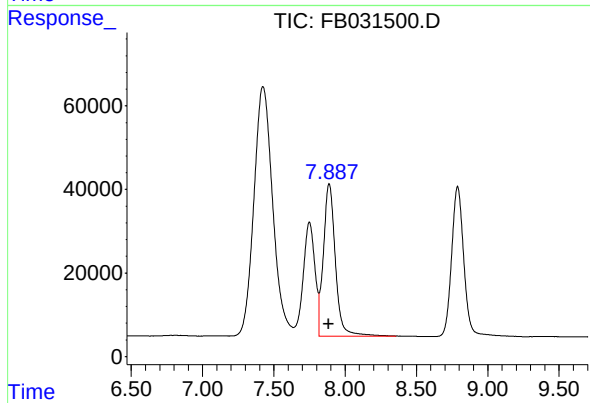
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min
Delta R.T.: 0.008 min
Response: 5465363
Conc: 138.26 ng/ml



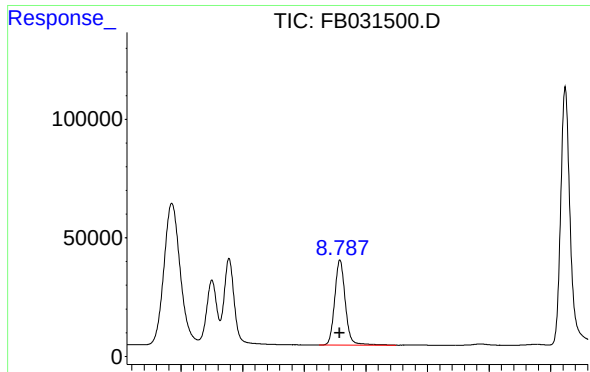
#3 n-Heptane

R.T.: 7.749 min
Delta R.T.: 0.002 min
Response: 1560135
Conc: 44.25 ng/ml



#4 Benzene

R.T.: 7.888 min
Delta R.T.: 0.002 min
Response: 2127694
Conc: 47.43 ng/ml



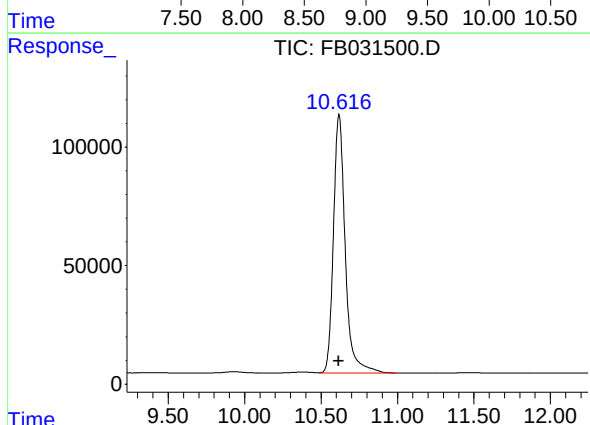
#5 AAA-TFT

R.T.: 8.788 min
Delta R.T.: 0.002 min
Response: 2147540
Conc: 89.41 ng/ml

Instrument :
FID_B
ClientSampleId :
100 GRO STD

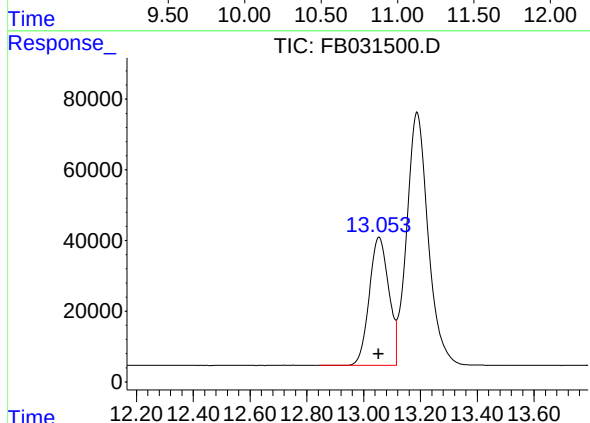
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



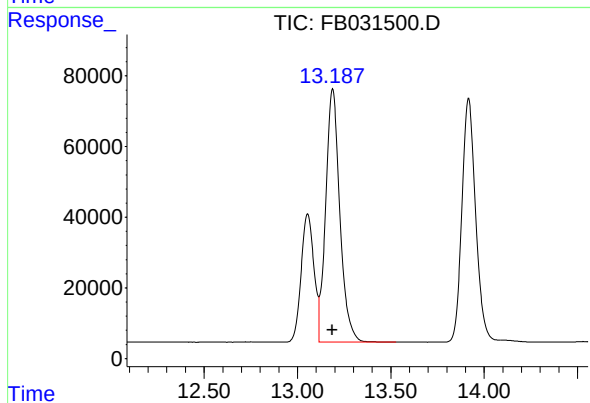
#6 Toluene

R.T.: 10.618 min
Delta R.T.: 0.003 min
Response: 5840600
Conc: 140.36 ng/ml



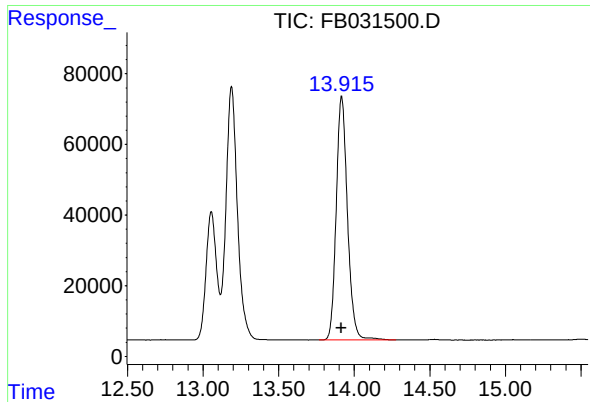
#7 Ethylbenzene

R.T.: 13.055 min
Delta R.T.: 0.002 min
Response: 1730637
Conc: 47.12 ng/ml



#8 m-Xylene

R.T.: 13.188 min
Delta R.T.: 0.002 min
Response: 3773935
Conc: 95.10 ng/ml



#9 O-Xylene

R.T.: 13.917 min
Delta R.T.: 0.002 min
Response: 3563540
Conc: 94.16 ng/ml

Instrument :

FID_B

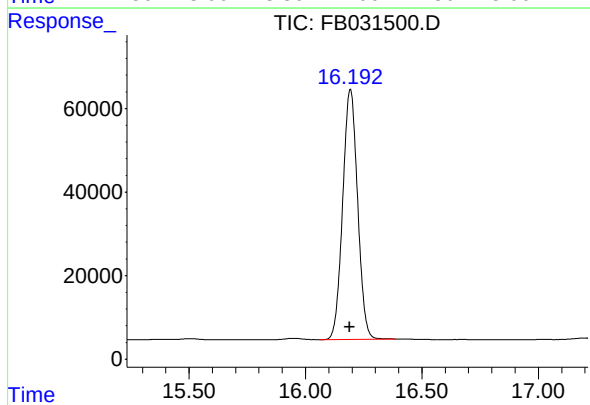
ClientSampleId :

100 GRO STD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: 0.003 min
Response: 2664855
Conc: 87.72 ng/ml

rteres

Instrument :

FID_B

LabSampleId :

100 GRO STD

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125
Data File : FB031500.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 12:34
Sample : 100 GRO STD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.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	4.576	5.289	BV	60190	3619041	61.96%	11.138%
2	7.424	7.205	7.640	PV	59704	5465363	93.58%	16.820%
3	7.749	7.640	7.817	VV	27317	1560135	26.71%	4.801%
4	7.888	7.817	8.356	VV	36441	2127694	36.43%	6.548%
5	8.788	8.619	9.244	PV	35969	2147540	36.77%	6.609%
6	10.618	10.486	10.989	VV	109080	5840600	100.00%	17.975%
7	13.055	12.844	13.115	PV	36308	1730637	29.63%	5.326%
8	13.188	13.115	13.527	VV	71713	3773935	64.62%	11.614%
9	13.917	13.767	14.276	PV	69098	3563540	61.01%	10.967%
10	16.193	16.059	16.389	PV	59971	2664855	45.63%	8.201%

Sum of corrected areas: 32493340

FB021125.M Wed Feb 12 00:46:42 2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
 Data File : FB031501.D
 Signal(s) : FID2B.CH
 Acq On : 11 Feb 2025 13:19
 Operator : YP/AJ
 Sample : FB021125GROICV
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 FB021125GROICV

Integration File: Calibration.e
 Quant Time: Feb 11 13:18:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
 Quant Title :
 QLast Update : Tue Feb 11 12:33:57 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	412631	17.552 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	975103	30.526 ng/ml
2) t 2,2,4-Trimethylpentane	7.418	1199605	30.830 ng/ml
3) t n-Heptane	7.750	305835	8.879 ng/ml
4) t Benzene	7.889	429873	9.682 ng/ml
6) t Toluene	10.617	1229234	29.925 ng/ml
7) t Ethylbenzene	13.054	376963	10.383 ng/ml
8) t m-Xylene	13.187	828142	21.076 ng/ml
9) t O-Xylene	13.915	791395	21.158 ng/ml
10) t 1,2,4-Trimethylbenzene	16.192	625943	21.123 ng/ml

(f)=RT Delta > 1/2 Window

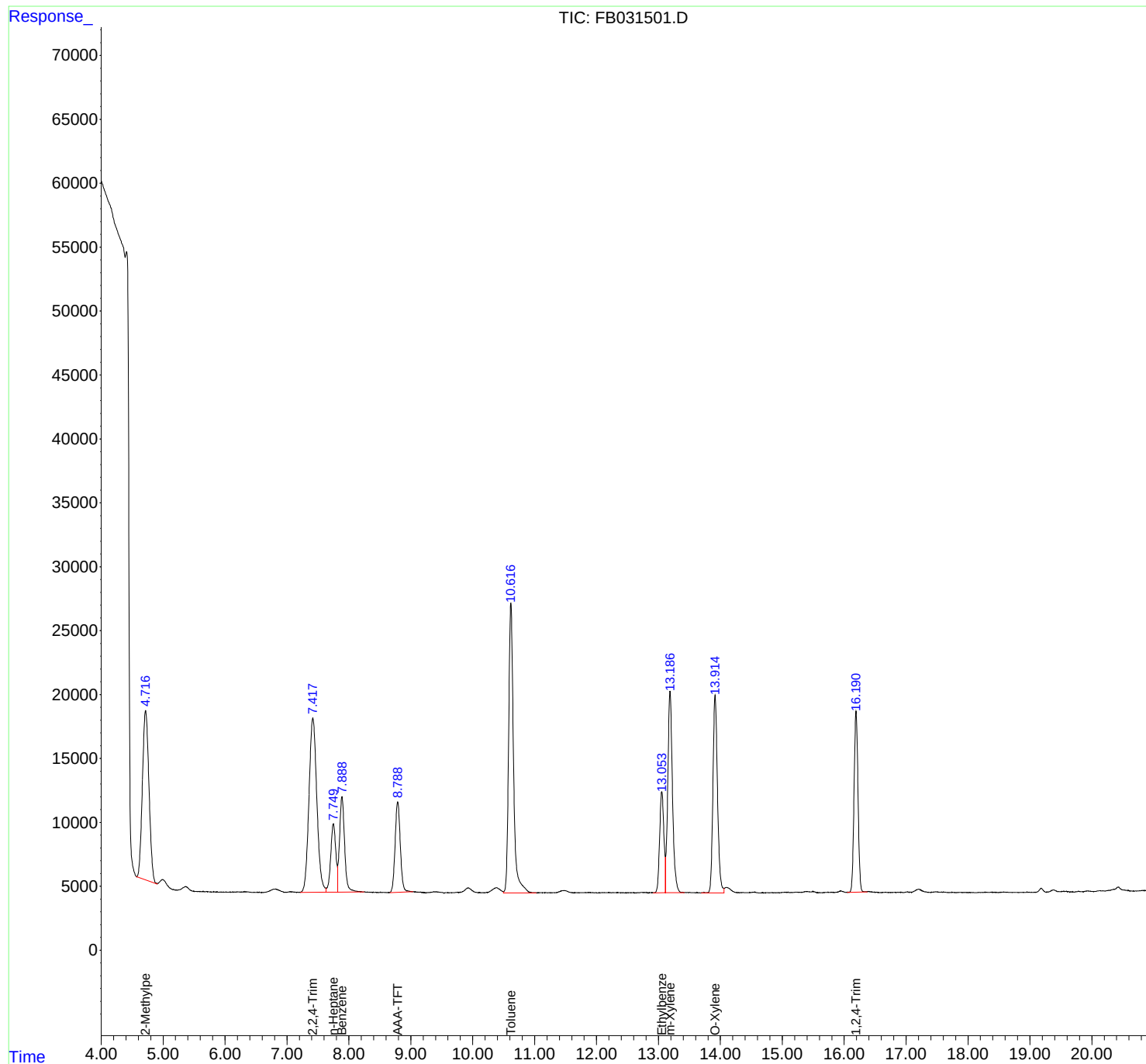
(m)=manual int.

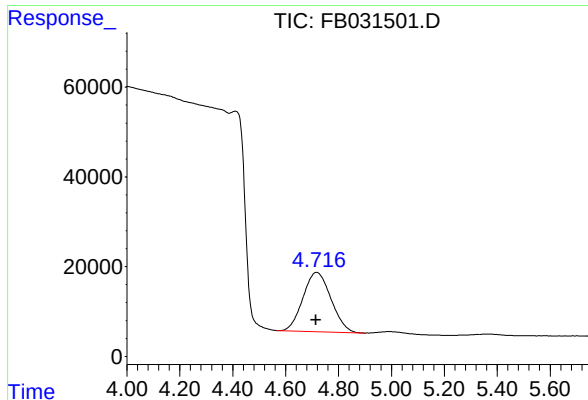
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031501.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 13:19
Operator : YP/AJ
Sample : FB021125GROICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
FID_B
ClientSampleId :
FB021125GROICV

Integration File: Calibration.e
Quant Time: Feb 11 13:18:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.M
Quant Title :
QLast Update : Tue Feb 11 12:33:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

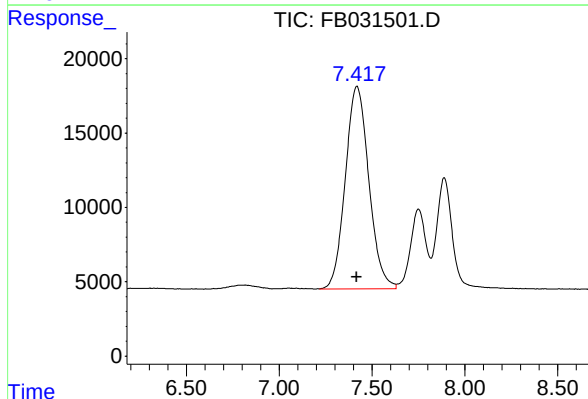




#1 2-Methylpentane

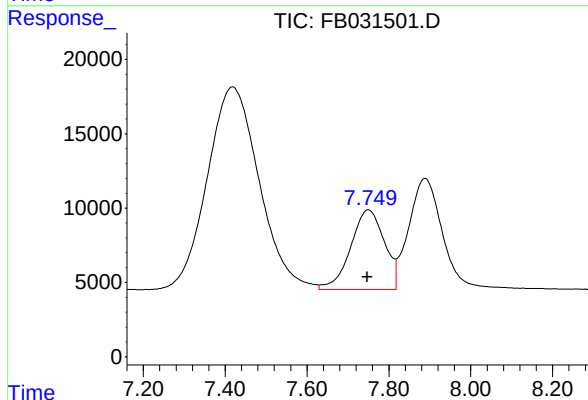
R.T.: 4.717 min
Delta R.T.: 0.003 min
Response: 975103
Conc: 30.53 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



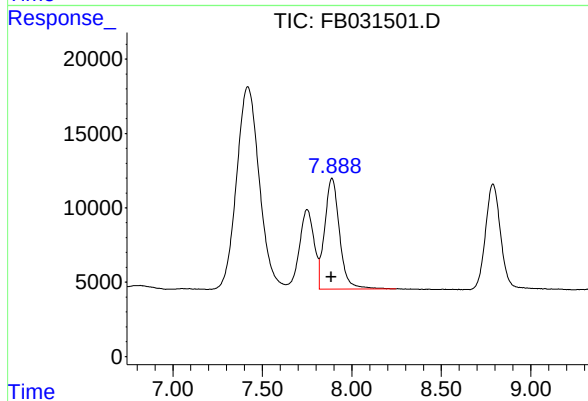
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 1199605
Conc: 30.83 ng/ml



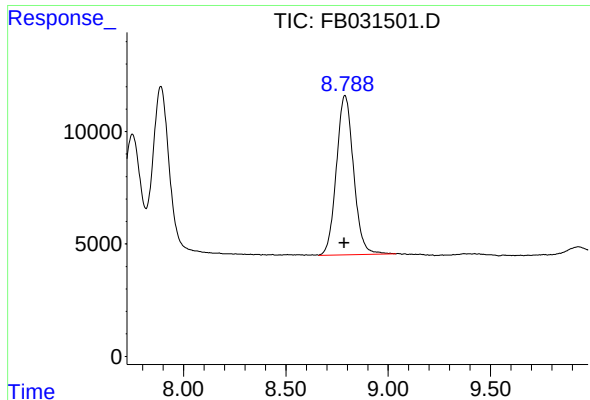
#3 n-Heptane

R.T.: 7.750 min
Delta R.T.: 0.003 min
Response: 305835
Conc: 8.88 ng/ml



#4 Benzene

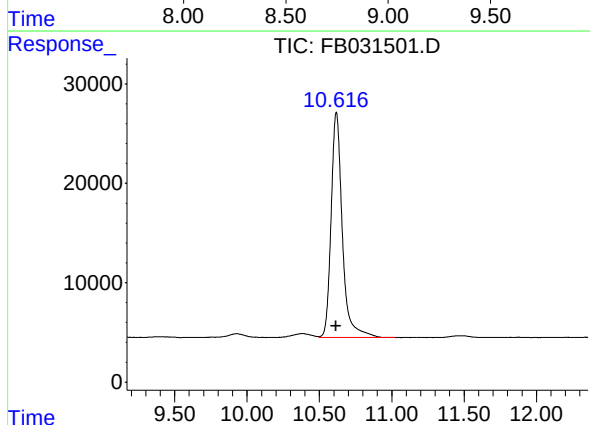
R.T.: 7.889 min
Delta R.T.: 0.003 min
Response: 429873
Conc: 9.68 ng/ml



#5 AAA-TFT

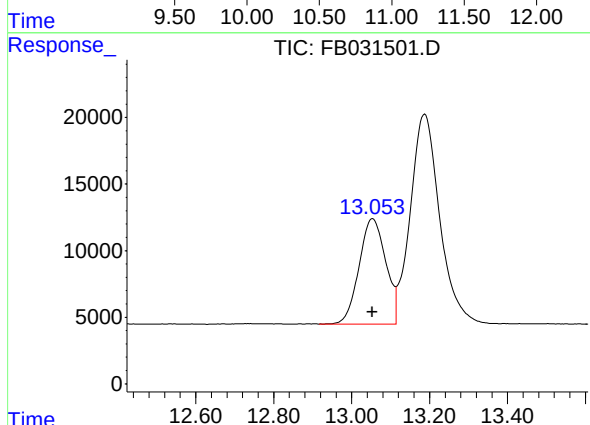
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 412631
Conc: 17.55 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



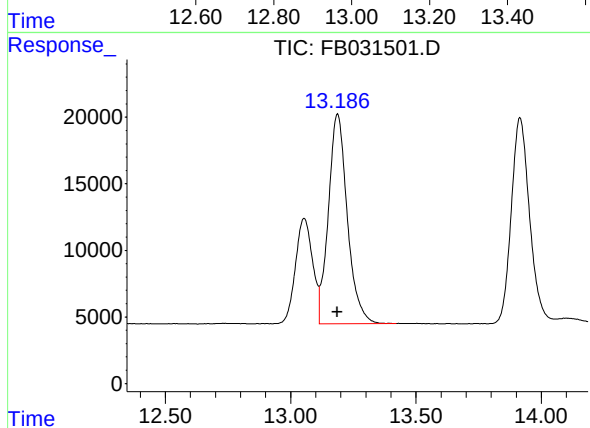
#6 Toluene

R.T.: 10.617 min
Delta R.T.: 0.002 min
Response: 1229234
Conc: 29.92 ng/ml



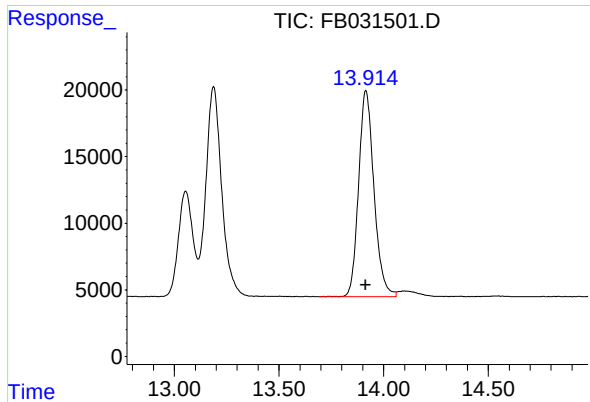
#7 Ethylbenzene

R.T.: 13.054 min
Delta R.T.: 0.002 min
Response: 376963
Conc: 10.38 ng/ml



#8 m-Xylene

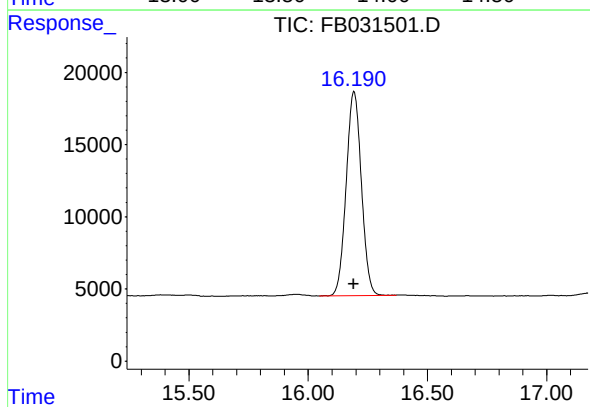
R.T.: 13.187 min
Delta R.T.: 0.001 min
Response: 828142
Conc: 21.08 ng/ml



#9 O-Xylene

R.T.: 13.915 min
Delta R.T.: 0.001 min
Response: 791395
Conc: 21.16 ng/ml

Instrument :
FID_B
ClientSampleId :
FB021125GROICV



#10 1,2,4-Trimethylbenzene

R.T.: 16.192 min
Delta R.T.: 0.002 min
Response: 625943
Conc: 21.12 ng/ml

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB021125\
Data File : FB031501.D
Signal(s) : FID2B.CH
Acq On : 11 Feb 2025 13:19
Sample : FB021125GR0ICV
Misc :
ALS Vial : 6 Sample Multiplier: 1

Integration File: Calibration.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB021125.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	4.902	BV	13249	975103	79.33%	13.591%
2	7.418	7.215	7.629	PV	13631	1199605	97.59%	16.720%
3	7.750	7.629	7.817	VV	5349	305835	24.88%	4.263%
4	7.889	7.817	8.247	VV	7468	429873	34.97%	5.991%
5	8.789	8.661	9.038	PV	7086	412631	33.57%	5.751%
6	10.617	10.496	11.028	VV	22683	1229234	100.00%	17.133%
7	13.054	12.916	13.114	VV	7910	376963	30.67%	5.254%
8	13.187	13.114	13.422	VV	15773	828142	67.37%	11.542%
9	13.915	13.692	14.059	BV	15480	791395	64.38%	11.030%
10	16.192	16.046	16.369	PV	14154	625943	50.92%	8.724%

Sum of corrected areas: 7174724

FB021125.M Wed Feb 12 00:48:23 2025