

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB091725\
 Data File : FB032202.D
 Signal(s) : FID2B.CH
 Acq On : 17 Sep 2025 13:41
 Operator : YP/AJ
 Sample : Q3015-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 WP0925-RR-GAS-WP

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2025
 Supervised By :mohammad ahmed 09/22/2025

Integration File: Calibration.e
 Quant Time: Sep 18 04:08:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082125.M
 Quant Title :
 QLast Update : Thu Aug 21 10:58:34 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	8.854	1838541	106.832 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.716	1411873	61.670 ng/ml
2) t 2,2,4-Trimethylpentane	7.420	4370660	170.734 ng/ml
3) t n-Heptane	7.758	2826569	114.834 ng/ml
4) t Benzene	7.895	1036407	32.565 ng/ml
6) t Toluene	10.627	10503579	320.241 ng/mlm
7) t Ethylbenzene	13.063	2818606	97.067 ng/ml
8) t m-Xylene	13.195	9064169	302.752 ng/ml
9) t O-Xylene	13.923	3039075	106.311 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.200	2440858	93.900 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : Q3015-18
Misc :
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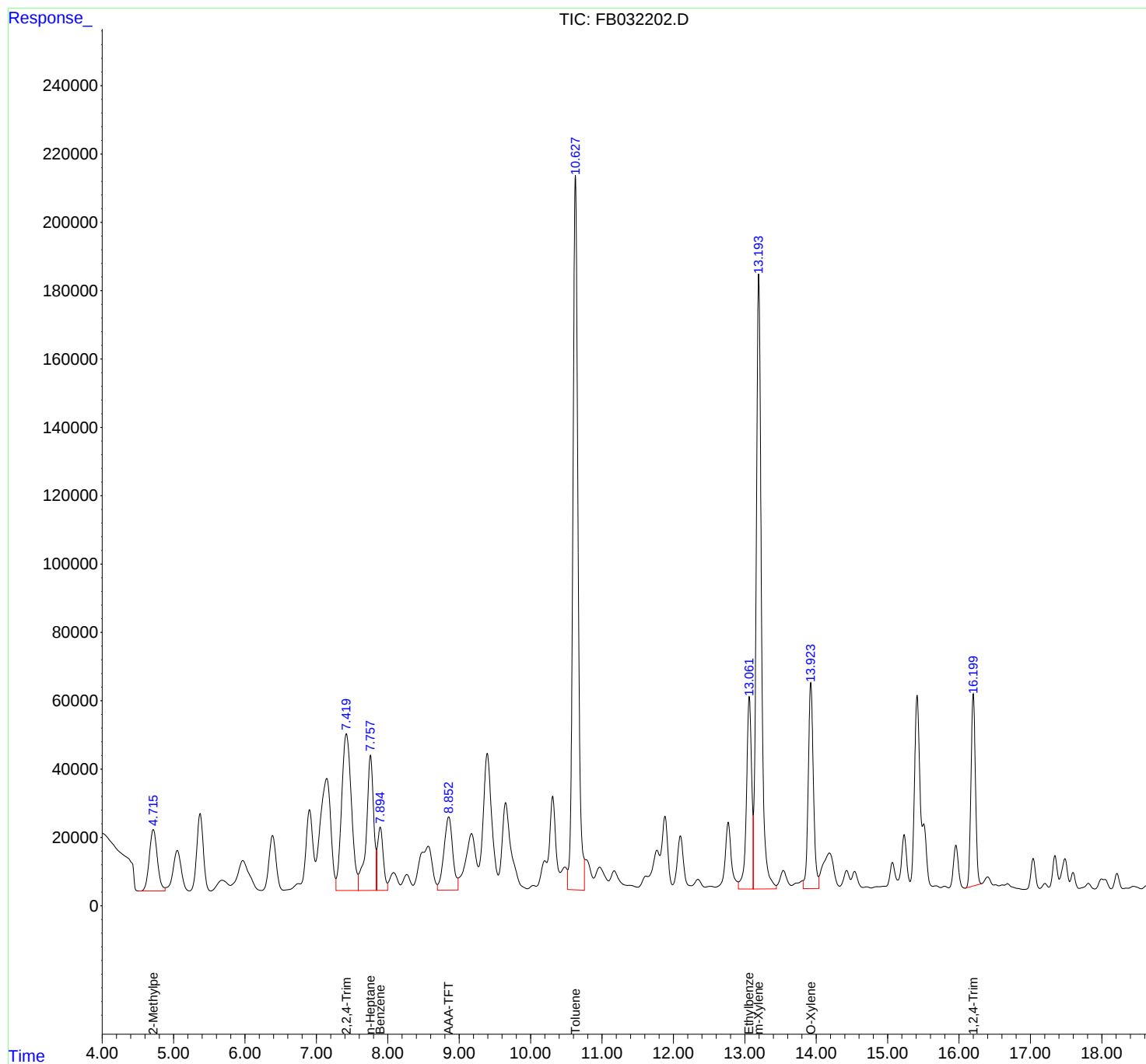
Instrument :
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ClientSampleId :
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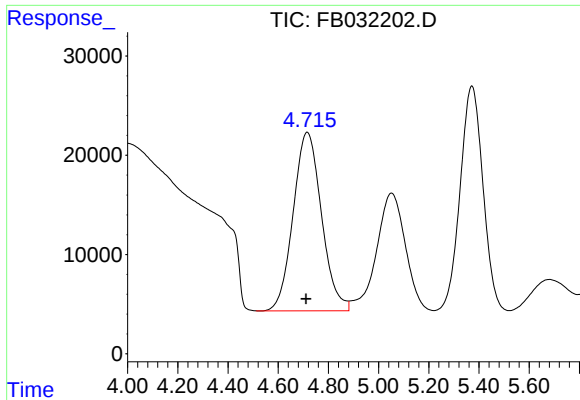
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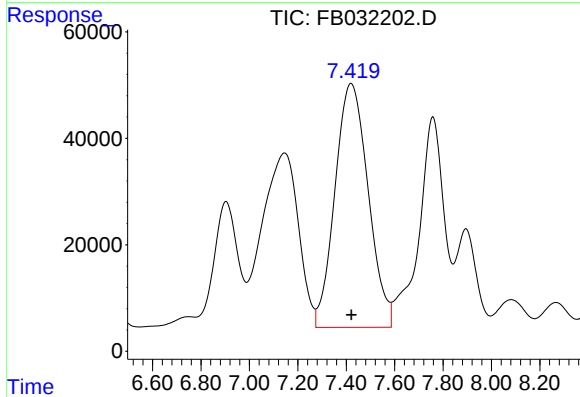
#1 2-Methylpentane

R.T.: 4.716 min
Delta R.T.: 0.005 min
Response: 1411873
Conc: 61.67 ng/ml

Instrument :
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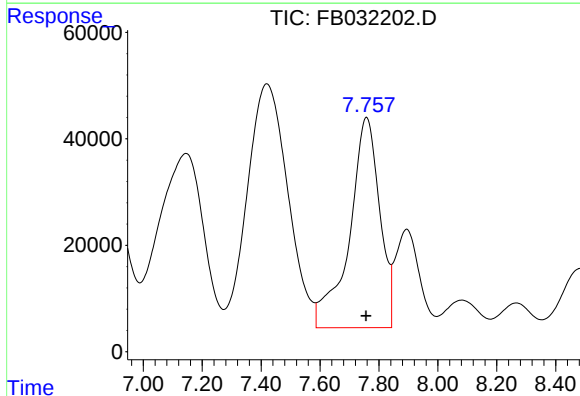
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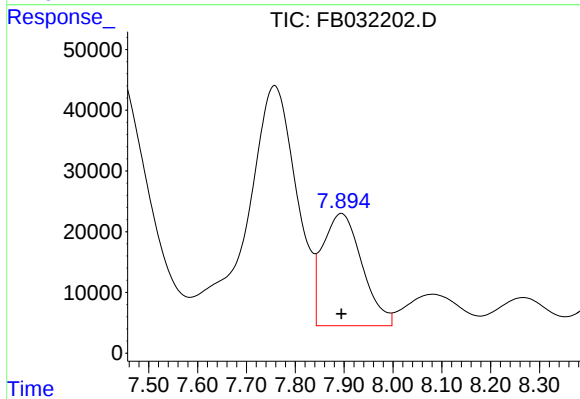
#2 2,2,4-Trimethylpentane

R.T.: 7.420 min
Delta R.T.: -0.002 min
Response: 4370660
Conc: 170.73 ng/ml



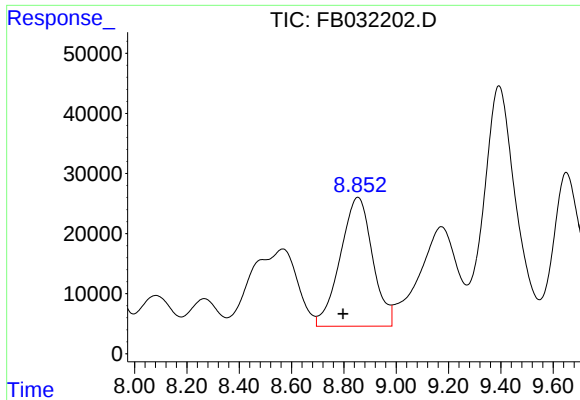
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.002 min
Response: 2826569
Conc: 114.83 ng/ml



#4 Benzene

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 1036407
Conc: 32.56 ng/ml



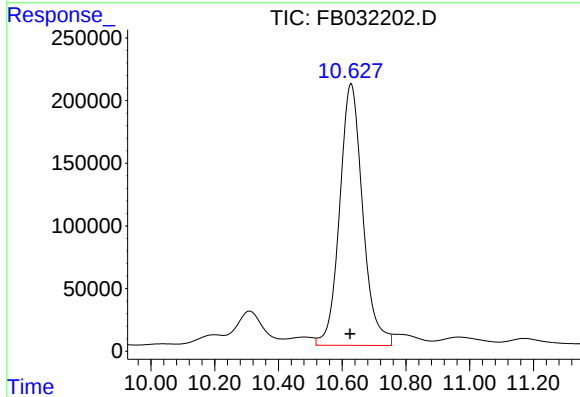
#5 AAA-TFT

R.T.: 8.854 min
Delta R.T.: 0.057 min
Response: 1838541
Conc: 106.83 ng/ml

Instrument :
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ClientSampleId :
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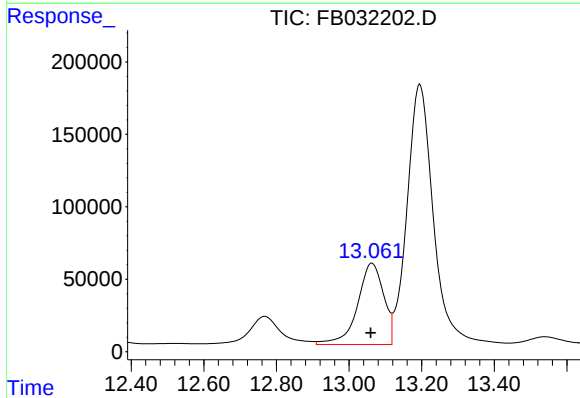
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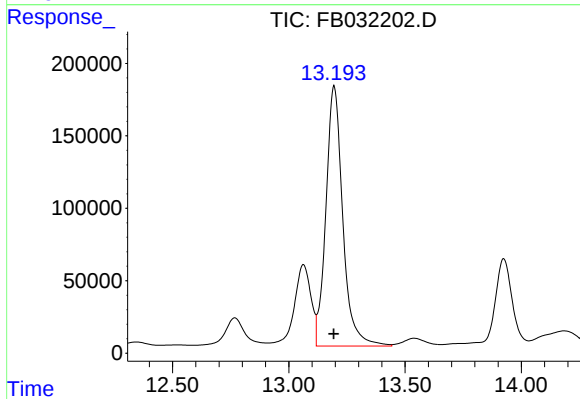
#6 Toluene

R.T.: 10.627 min
Delta R.T.: 0.002 min
Response: 10503579
Conc: 320.24 ng/ml m



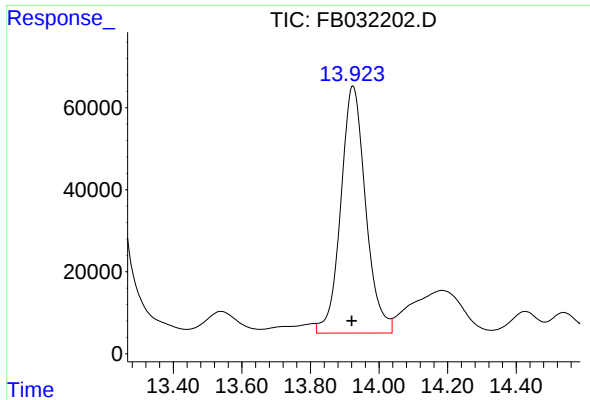
#7 Ethylbenzene

R.T.: 13.063 min
Delta R.T.: 0.003 min
Response: 2818606
Conc: 97.07 ng/ml



#8 m-Xylene

R.T.: 13.195 min
Delta R.T.: 0.002 min
Response: 9064169
Conc: 302.75 ng/ml



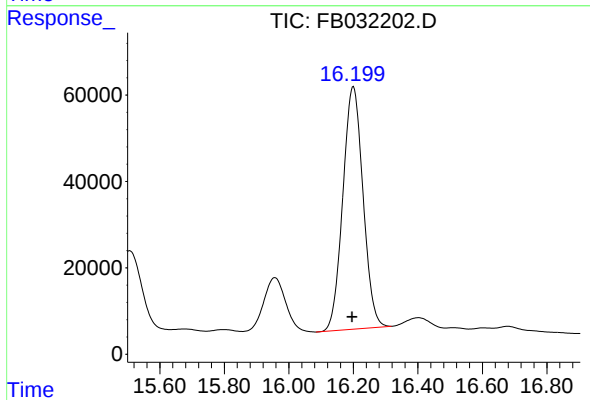
#9 O-Xylene

R.T.: 13.923 min
Delta R.T.: 0.002 min
Response: 3039075
Conc: 106.31 ng/ml

Instrument :
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#10 1,2,4-Trimethylbenzene

R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2440858
Conc: 93.90 ng/ml

nteres

Instrument :

FID_B

ClientSampleId :

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Area Percent Report

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB09172
Data File : FB032202.D
Signal(s) : FID2B.CH
Acq On : 17 Sep 2025 13:41
Sample : Q3015-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB082125.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	4.487	4.881	BV	17935	1393749	12.68%	1.904%
2	5.682	5.522	5.795	PV	3132	313381	2.85%	0.428%
3	5.971	5.795	6.227	VV	8875	1029448	9.36%	1.406%
4	6.386	6.227	6.546	VV	16186	1112979	10.12%	1.520%
5	6.904	6.775	6.989	VV	23708	1622261	14.75%	2.216%
6	7.145	6.989	7.274	VV	32813	3387589	30.81%	4.627%
7	7.420	7.274	7.586	VV	45863	4370617	39.75%	5.970%
8	7.758	7.586	7.843	VV	39569	2826535	25.71%	3.861%
9	7.895	7.843	7.998	VV	18500	1036387	9.43%	1.416%
10	8.082	7.998	8.179	VV	5166	389877	3.55%	0.533%
11	8.267	8.179	8.353	VV	4619	320933	2.92%	0.438%
12	8.566	8.353	8.695	VV	12879	1577178	14.34%	2.154%
13	8.854	8.695	8.984	VV	21450	1838508	16.72%	2.511%
14	9.173	8.984	9.270	VV	16541	1656477	15.06%	2.262%
15	9.393	9.270	9.548	VV	39943	3359886	30.56%	4.589%
16	9.651	9.548	9.952	VV	25520	2250394	20.47%	3.074%
17	10.039	9.952	10.078	VV	1251	66602	0.61%	0.091%
18	10.310	10.078	10.416	VV	27365	2120918	19.29%	2.897%
19	10.481	10.416	10.520	VV	6607	373704	3.40%	0.510%
20	10.628	10.520	10.884	VV	208795	10995809	100.00%	15.019%
21	10.967	10.884	11.092	VV	6538	587904	5.35%	0.803%
22	11.172	11.092	11.494	VV	5473	564227	5.13%	0.771%
23	11.618	11.494	11.642	VV	3874	209267	1.90%	0.286%
24	11.771	11.642	11.809	VV	11467	772935	7.03%	1.056%
25	11.882	11.809	11.989	VV	21419	1270488	11.55%	1.735%
26	12.098	11.989	12.251	VV	15645	975402	8.87%	1.332%
27	12.345	12.251	12.446	VV	2880	200221	1.82%	0.273%
28	12.521	12.446	12.588	VV	824	61055	0.56%	0.083%
29	12.768	12.588	12.910	VV	19568	1205193	10.96%	1.646%
30	13.063	12.910	13.118	VV	56274	2818595	25.63%	3.850%
31	13.195	13.118	13.442	VV	179377	9064155	82.43%	12.380%
32	13.540	13.442	13.655	VV	5393	370027	3.37%	0.505%
33	13.925	13.655	14.035	VV	60237	3204668	29.14%	4.377%
34	14.185	14.035	14.329	VV	10459	1115630	10.15%	1.524%
35	14.427	14.329	14.484	VV	5323	296360	2.70%	0.405%
36	14.539	14.484	14.656	VV	5048	278336	2.53%	0.380%

					rters				
37	14.707	14.656	14.772	VV	516	26444	0.24%	0.036%	
38	15.068	14.772	15.143	VV	7620	460533			
39	15.232	15.143	15.314	VV	15776	809381			
40	15.414	15.314	15.636	VV	56415	3709026	33		
41	15.676	15.636	15.744	VV	732	35758	0		
42	15.798	15.744	15.854	VV	583	25772	0		
43	15.957	15.854	16.084	VV	12618	598582	5.44%	0.818%	
44	16.200	16.084	16.318	PV	56659	2511263	22.84%	3.430%	
Sum of corrected areas:						73214456			

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FB082125.M Thu Sep 18 06:05:10 2025