

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB110325\
 Data File : FB032277.D
 Signal(s) : FID2B.CH
 Acq On : 3 Nov 2025 13:21
 Operator : YP/AJ
 Sample : Q3483-15
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

HW1025-PT-GAS-SOIL

Manual Integrations**APPROVED**

Reviewed By :Amit Patel 11/04/2025

Supervised By :mohammad ahmed 11/05/2025

Integration File: Calibration.e
 Quant Time: Nov 04 05:03:40 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	8.946	521397008	25706.360 ng/mlm
Target Compounds			
1) t 2-Methylpentane	4.764	316698370	11560.440 ng/mlm
2) t 2,2,4-Trimethylpentane	7.532	1018028293	33042.639 ng/mlm
3) t n-Heptane	7.885	1242174383	42393.607 ng/mlm
4) t Benzene	7.885	1102636462	31851.456 ng/mlm
6) t Toluene	10.786	3880350233	108447.158 ng/mlm
7) t Ethylbenzene	13.367f	2904003275	91309.986 ng/mlm
8) t m-Xylene	13.367	2878860631	86445.194 ng/mlm
9) t O-Xylene	14.017	463192795	14424.277 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.216	25808698	932.728 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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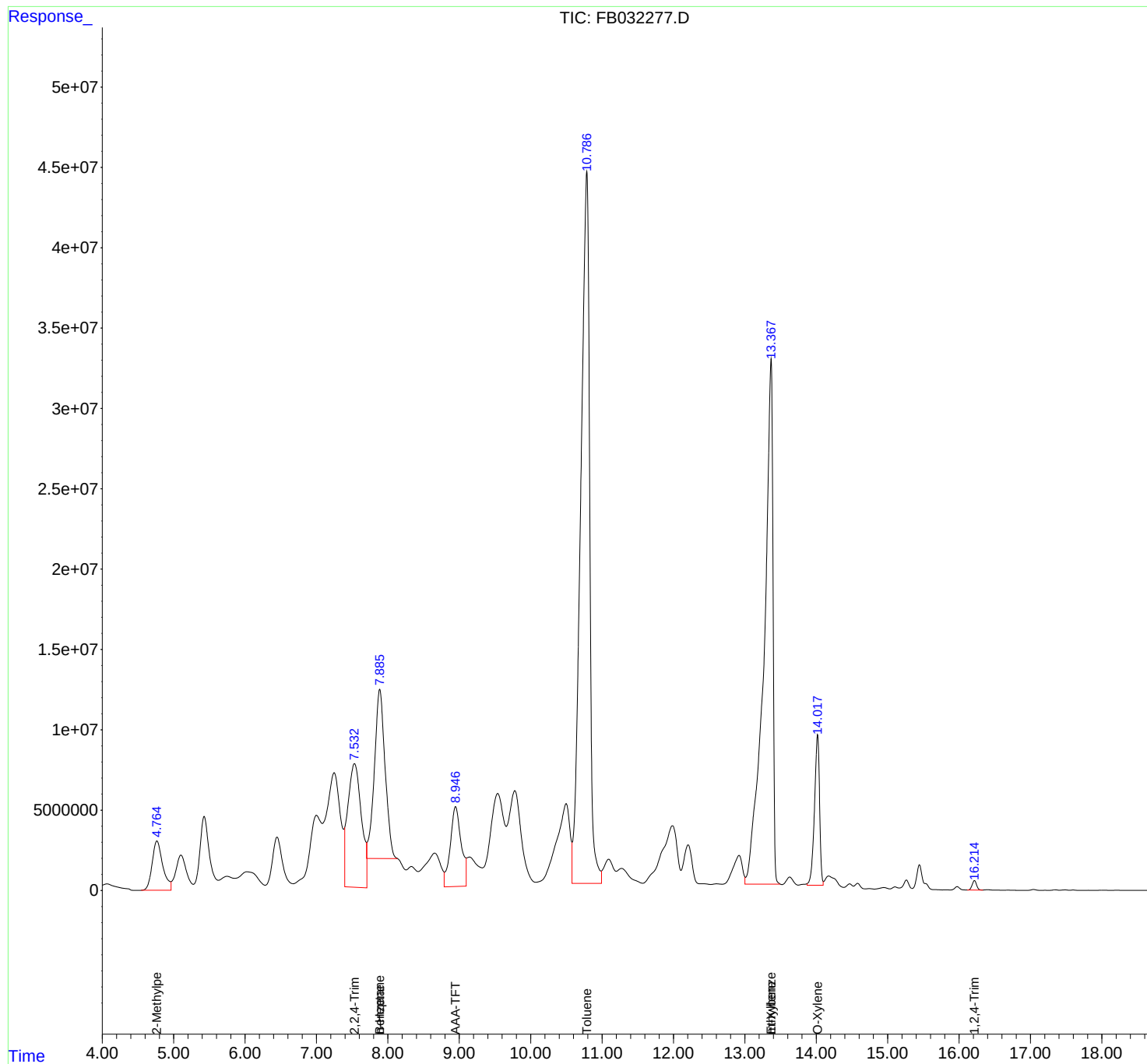
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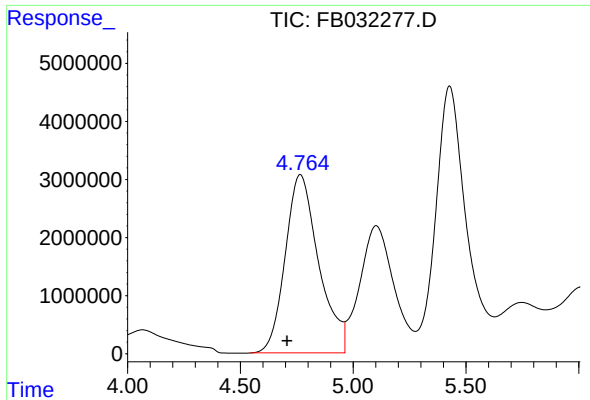
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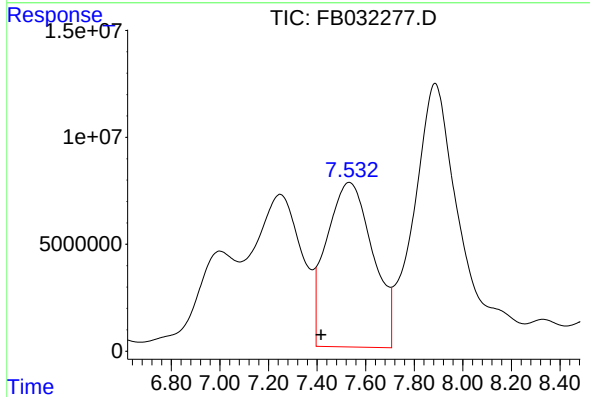
#1 2-Methylpentane

R.T.: 4.764 min
Delta R.T.: 0.057 min
Response: 316698370
Conc: 11560.44 ng/ml

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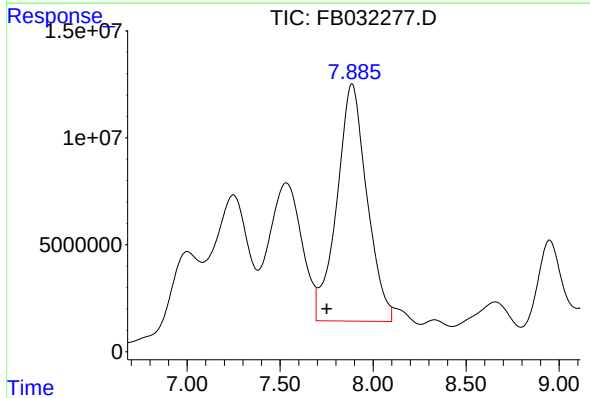
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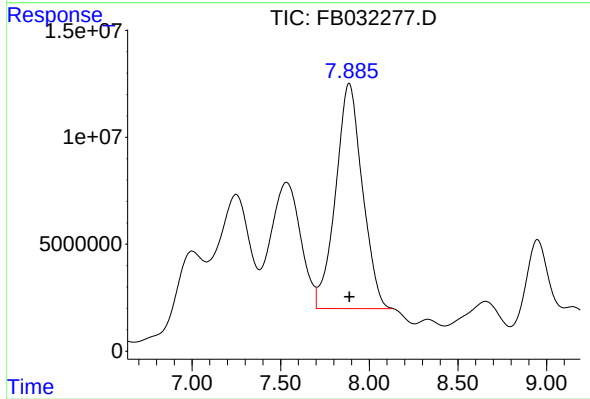
#2 2,2,4-Trimethylpentane

R.T.: 7.532 min
Delta R.T.: 0.116 min
Response: 1018028293
Conc: 33042.64 ng/ml m



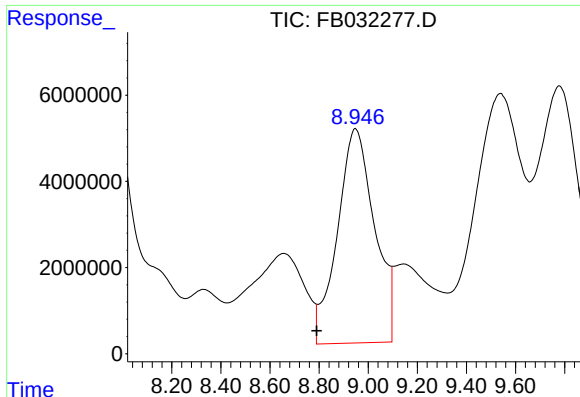
#3 n-Heptane

R.T.: 7.885 min
Delta R.T.: 0.134 min
Response: 1242174383
Conc: 42393.61 ng/ml m



#4 Benzene

R.T.: 7.885 min
Delta R.T.: -0.004 min
Response: 1102636462
Conc: 31851.46 ng/ml m



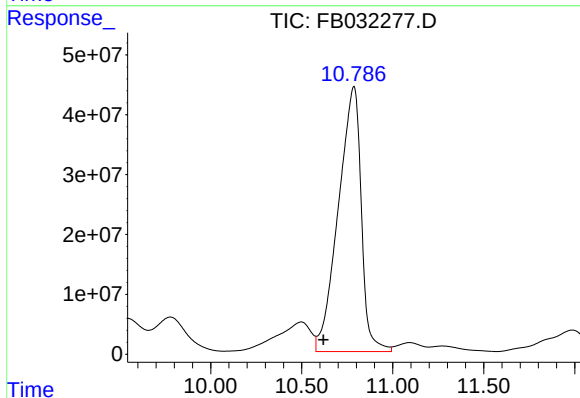
#5 AAA-TFT

R.T.: 8.946 min
Delta R.T.: 0.155 min
Response: 521397008
Conc: 25706.36 ng/ml

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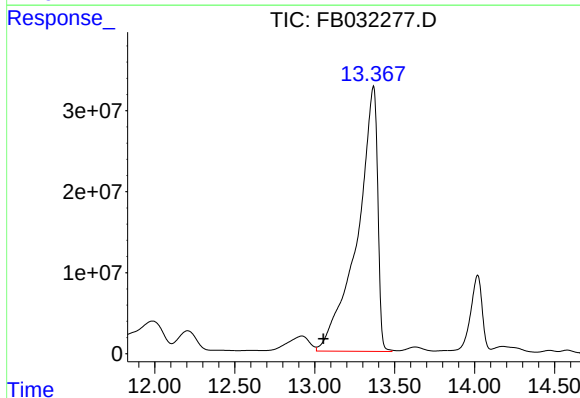
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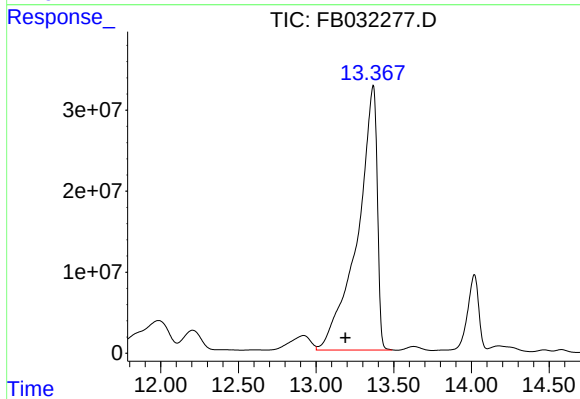
#6 Toluene

R.T.: 10.786 min
Delta R.T.: 0.167 min
Response: 3880350233
Conc: 108447.16 ng/ml m



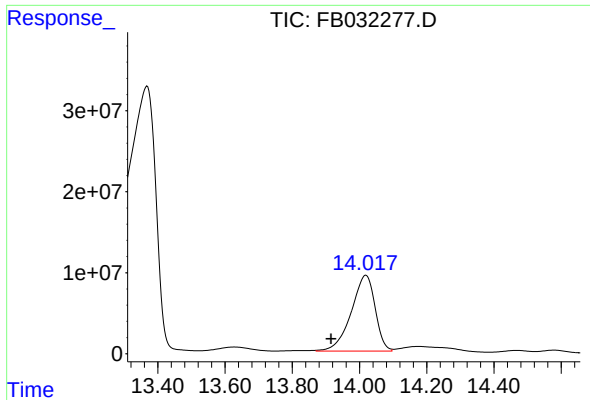
#7 Ethylbenzene

R.T.: 13.367 min
Delta R.T.: 0.312 min
Response: 2904003275
Conc: 91309.99 ng/ml m



#8 m-Xylene

R.T.: 13.367 min
Delta R.T.: 0.178 min
Response: 2878860631
Conc: 86445.19 ng/ml m



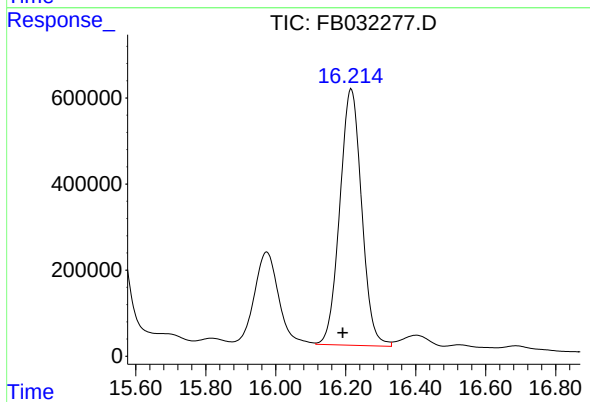
#9 O-Xylene

R.T.: 14.017 min
Delta R.T.: 0.102 min
Response: 463192795
Conc: 14424.28 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.216 min
Delta R.T.: 0.024 min
Response: 25808698
Conc: 932.73 ng/ml