

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB082725\
 Data File : FB032183.D
 Signal(s) : FID2B.CH
 Acq On : 27 Aug 2025 14:22
 Operator : YP/AJ
 Sample : Q2893-03
 Misc : 1 PPB SOIL MDL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/28/2025
 Supervised By :mohammad ahmed 08/29/2025

Integration File: Calibration.e
 Quant Time: Aug 28 02:37:39 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	8.798	311464	18.098 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.717	22260	0.972 ng/ml
2) t 2,2,4-Trimethylpentane	7.415	30880	1.206 ng/ml
3) t n-Heptane	7.760	7531	0.306 ng/mlm
4) t Benzene	7.893	7806	0.245 ng/ml
6) t Toluene	10.625	37005	1.128 ng/ml
7) t Ethylbenzene	13.060	12244	0.422 ng/ml
8) t m-Xylene	13.191	24080	0.804 ng/ml
9) t O-Xylene	13.922	23583	0.825 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	29723	1.143 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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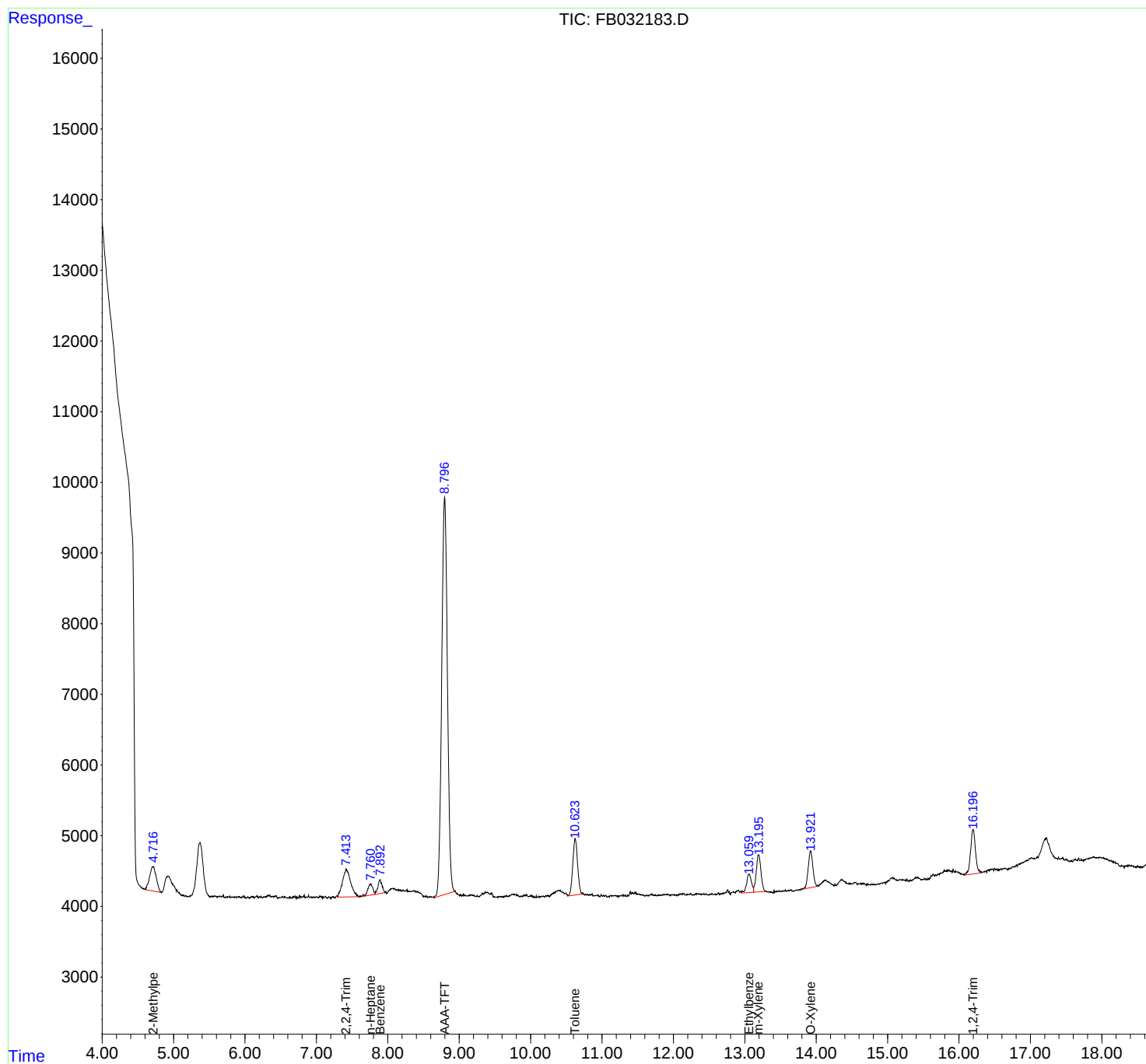
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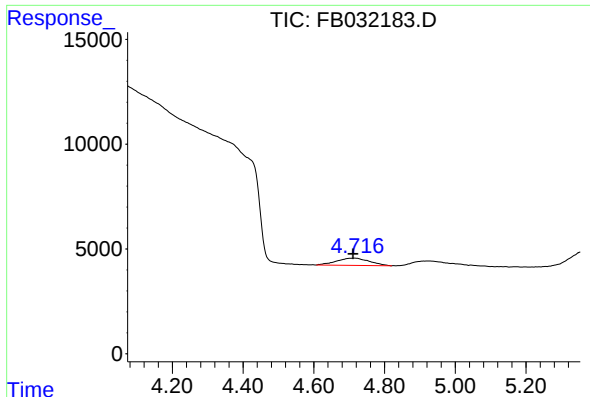
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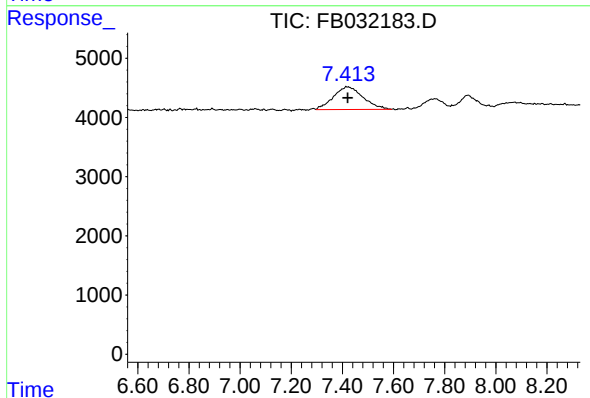
#1 2-Methylpentane

R.T.: 4.717 min
Delta R.T.: 0.006 min
Response: 22260
Conc: 0.97 ng/ml

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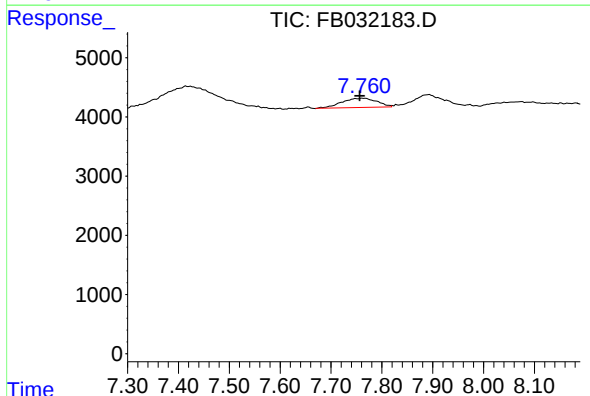
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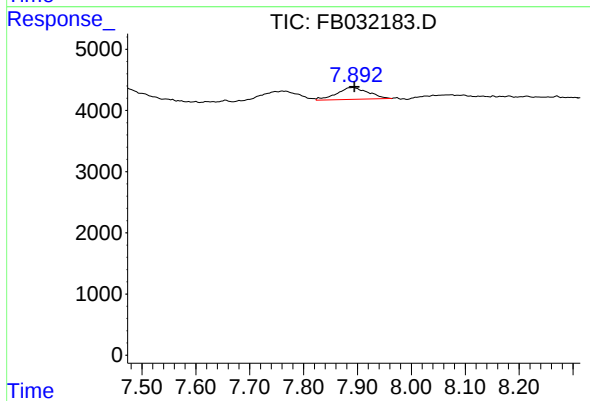
#2 2,2,4-Trimethylpentane

R.T.: 7.415 min
Delta R.T.: -0.006 min
Response: 30880
Conc: 1.21 ng/ml



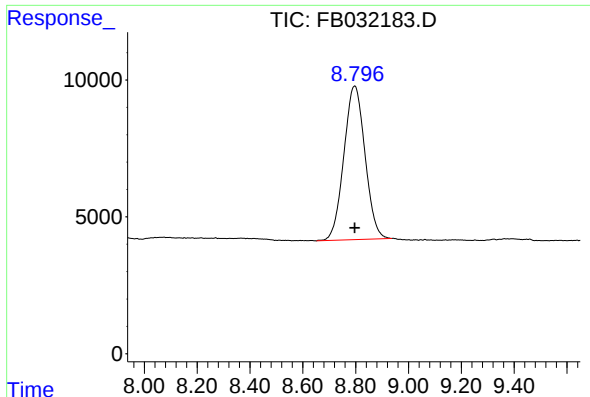
#3 n-Heptane

R.T.: 7.760 min
Delta R.T.: 0.003 min
Response: 7531
Conc: 0.31 ng/ml m



#4 Benzene

R.T.: 7.893 min
Delta R.T.: -0.001 min
Response: 7806
Conc: 0.25 ng/ml



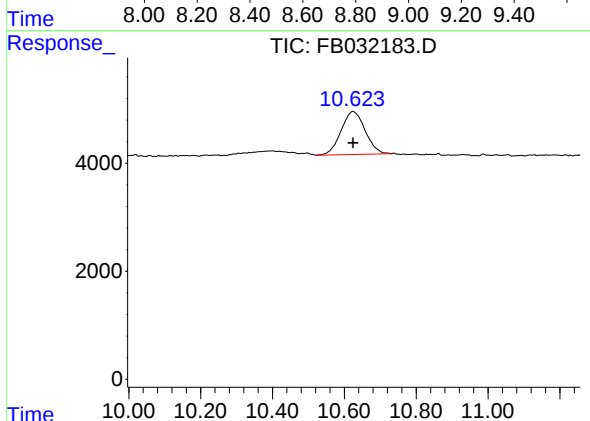
#5 AAA-TFT

R.T.: 8.798 min
Delta R.T.: 0.000 min
Response: 311464
Conc: 18.10 ng/ml

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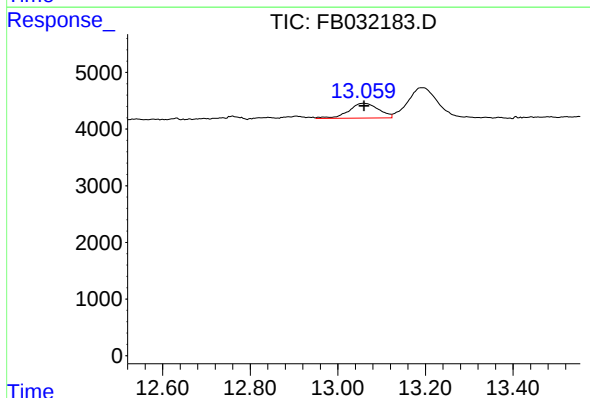
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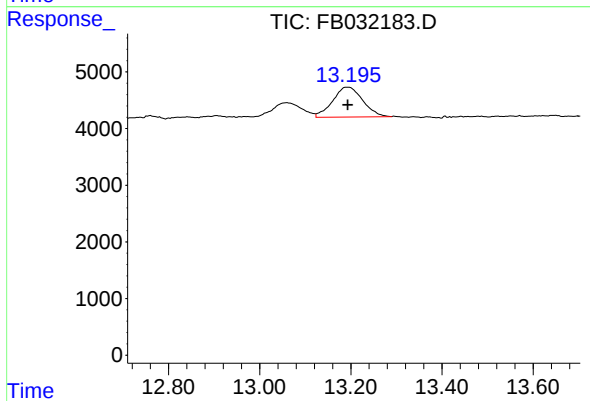
#6 Toluene

R.T.: 10.625 min
Delta R.T.: 0.000 min
Response: 37005
Conc: 1.13 ng/ml



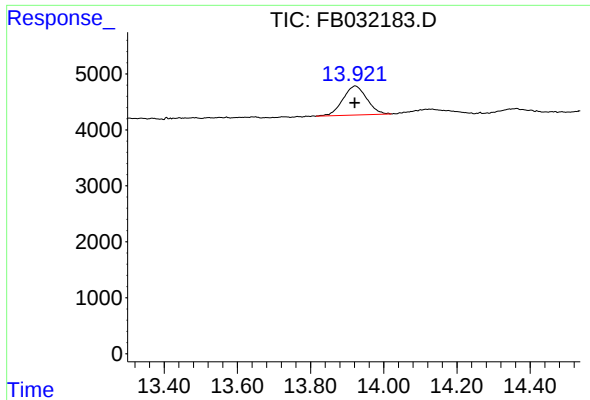
#7 Ethylbenzene

R.T.: 13.060 min
Delta R.T.: 0.000 min
Response: 12244
Conc: 0.42 ng/ml



#8 m-Xylene

R.T.: 13.191 min
Delta R.T.: -0.002 min
Response: 24080
Conc: 0.80 ng/ml



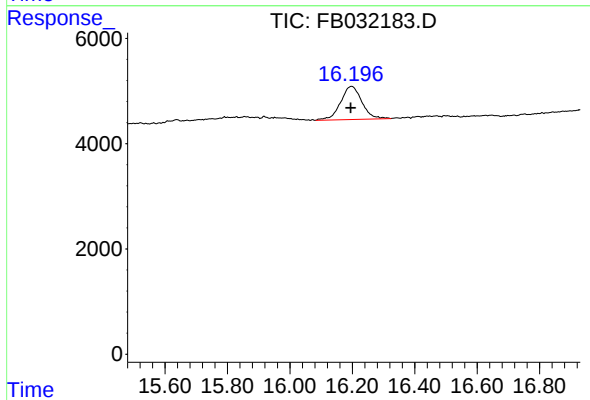
#9 O-Xylene

R.T.: 13.922 min
Delta R.T.: 0.002 min
Response: 23583
Conc: 0.82 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.003 min
Response: 29723
Conc: 1.14 ng/ml