

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB053025\
 Data File : FB031830.D
 Signal(s) : FID2B.CH
 Acq On : 30 May 2025 10:13
 Operator : YP/AJ
 Sample : 5 GRO STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 5 GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/02/2025
 Supervised By :mohammad ahmed 06/03/2025

Integration File: Calibration.e
 Quant Time: May 30 15:27:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB053025.M
 Quant Title :
 QLast Update : Fri May 30 15:26:58 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	8.796	69596	6.038 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.702	132874	7.498 ng/ml
2) t 2,2,4-Trimethylpentane	7.418	162806	7.586 ng/ml
3) t n-Heptane	7.753	43202	2.421 ng/mlm
4) t Benzene	7.890	53902	2.774 ng/mlm
6) t Toluene	10.627	150967	7.963 ng/ml
7) t Ethylbenzene	13.068	41062	2.619 ng/ml
8) t m-Xylene	13.199	93127	5.250 ng/ml
9) t O-Xylene	13.928	86108	5.265 ng/ml
10) t 1,2,4-Trimethylbenzene	16.202	66333	5.529 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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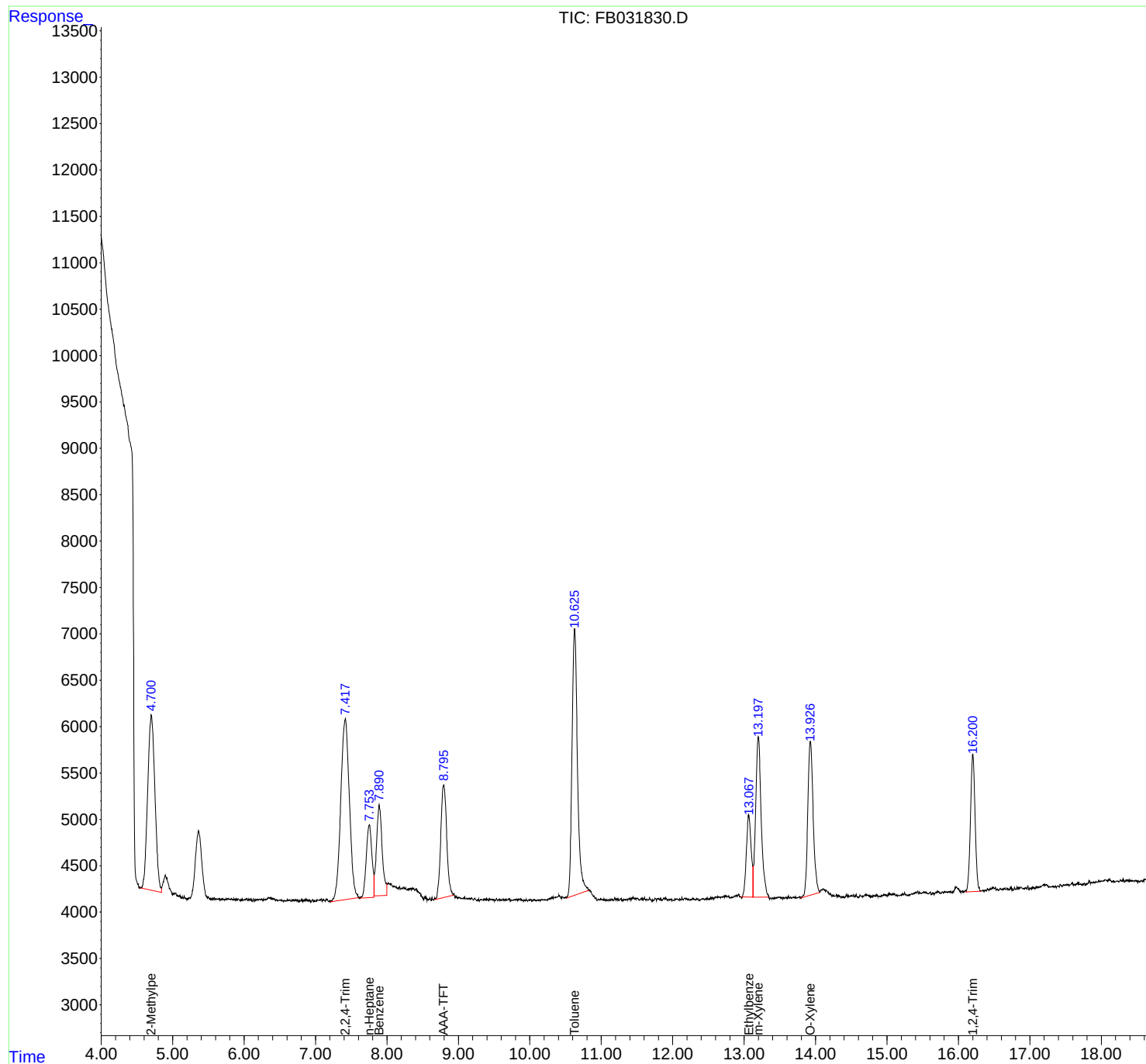
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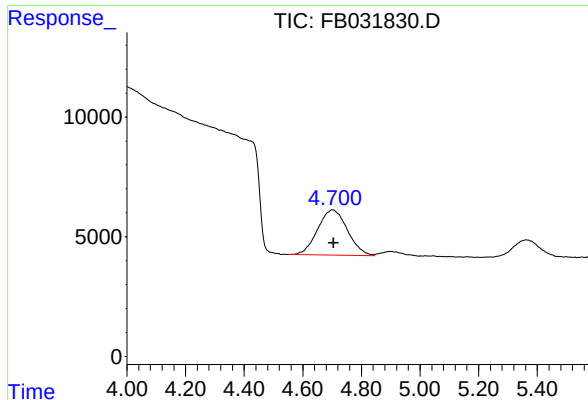
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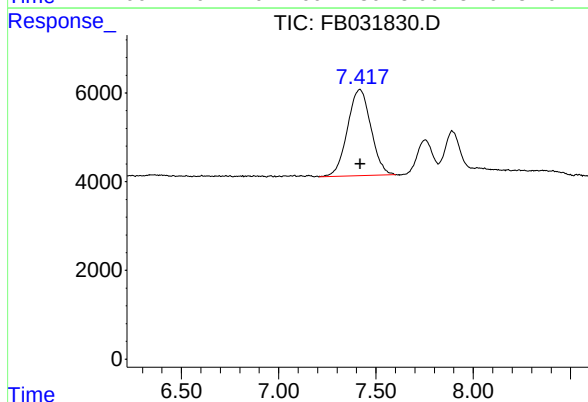
#1 2-Methylpentane

R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 132874
Conc: 7.50 ng/ml

Instrument :
FID_B
ClientSampleId :
5 GRO STD

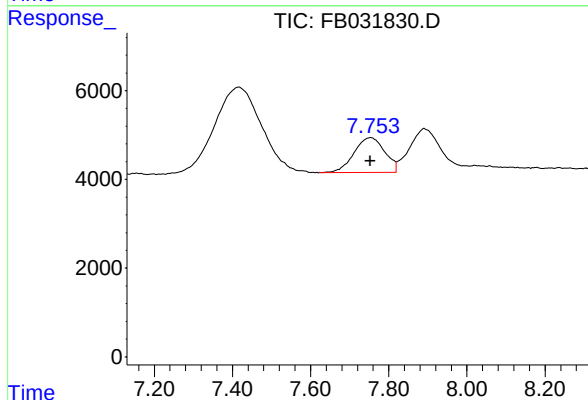
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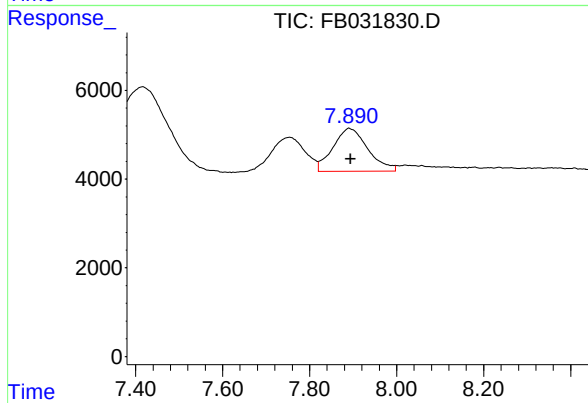
#2 2,2,4-Trimethylpentane

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 162806
Conc: 7.59 ng/ml



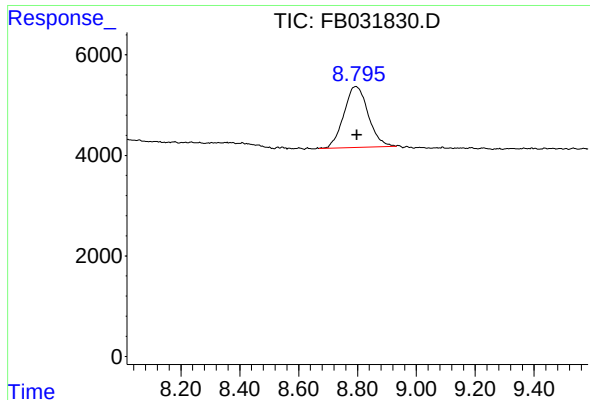
#3 n-Heptane

R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 43202
Conc: 2.42 ng/ml m



#4 Benzene

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 53902
Conc: 2.77 ng/ml m



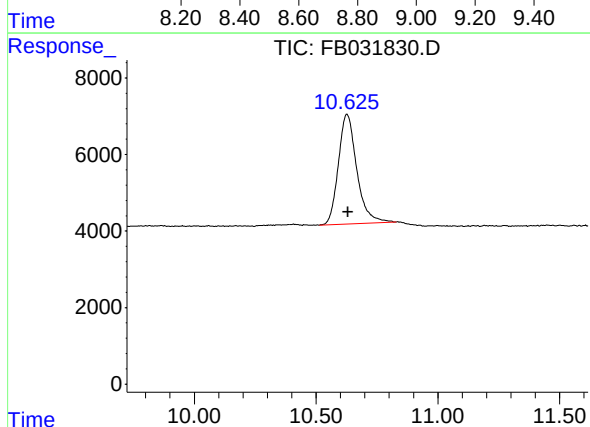
#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: -0.002 min
Response: 69596
Conc: 6.04 ng/ml

Instrument :
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5 GRO STD

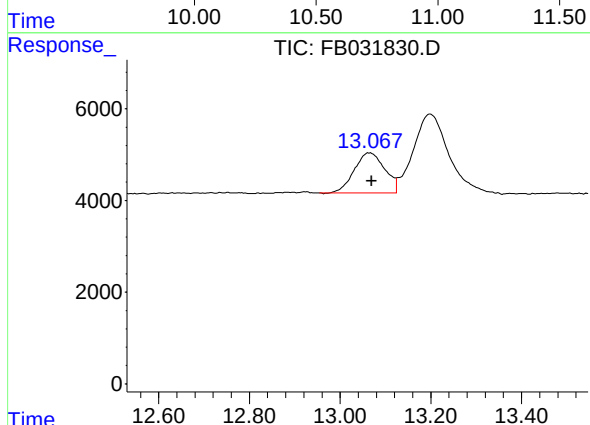
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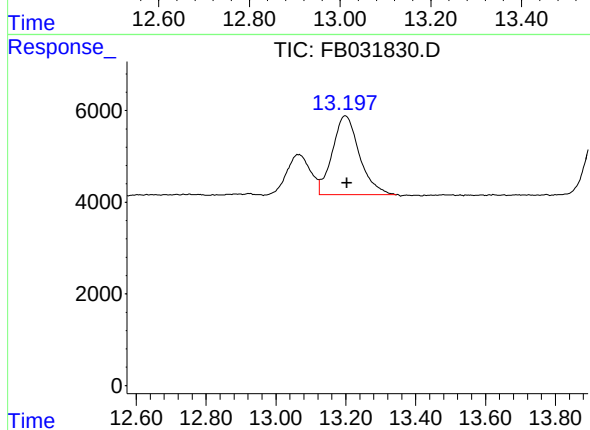
#6 Toluene

R.T.: 10.627 min
Delta R.T.: -0.004 min
Response: 150967
Conc: 7.96 ng/ml



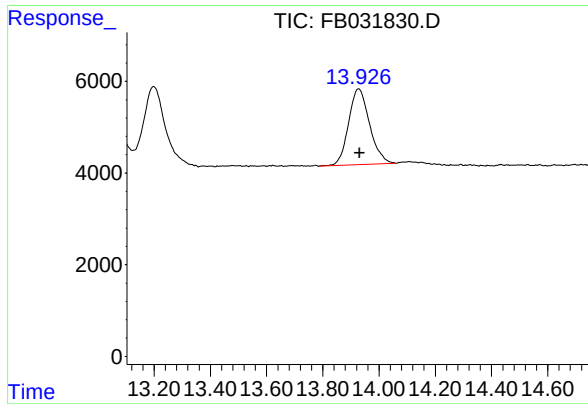
#7 Ethylbenzene

R.T.: 13.068 min
Delta R.T.: -0.002 min
Response: 41062
Conc: 2.62 ng/ml



#8 m-Xylene

R.T.: 13.199 min
Delta R.T.: -0.004 min
Response: 93127
Conc: 5.25 ng/ml



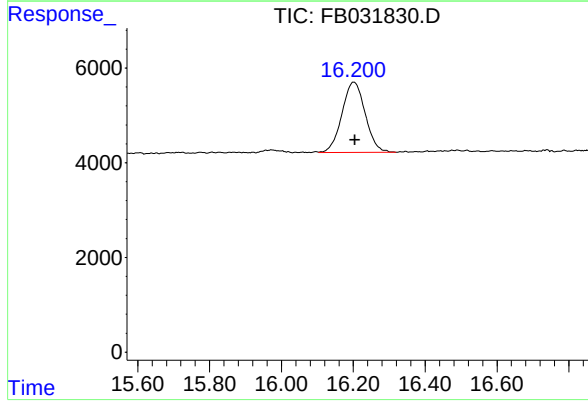
#9 O-Xylene

R.T.: 13.928 min
Delta R.T.: -0.004 min
Response: 86108
Conc: 5.26 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.202 min
Delta R.T.: -0.003 min
Response: 66333
Conc: 5.53 ng/ml