

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB060325\
 Data File : FB031864.D
 Signal(s) : FID2B.CH
 Acq On : 3 Jun 2025 13:33
 Operator : YP/AJ
 Sample : Q2126-09
 Misc : 5.00G/5.00 ML DI WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/04/2025
 Supervised By :mohammad ahmed 06/05/2025

Integration File: Calibration.e
 Quant Time: Jun 04 01:21:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB053025.M
 Quant Title :
 QLast Update : Fri May 30 15:30:47 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	8.791	236518	19.383 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.696	28546	1.676 ng/ml
2) t 2,2,4-Trimethylpentane	7.422	40986	1.992 ng/mlm
3) t n-Heptane	7.751	10432	0.610 ng/mlm
4) t Benzene	7.885	13245	0.666 ng/mlm
6) t Toluene	10.619	46052	2.449 ng/ml
7) t Ethylbenzene	13.052	12918	0.847 ng/ml
8) t m-Xylene	13.187	27132	1.589 ng/ml
9) t O-Xylene	13.916	25750	1.624 ng/mlm
10) t 1,2,4-Trimethylbenzene	16.193	24831	2.152 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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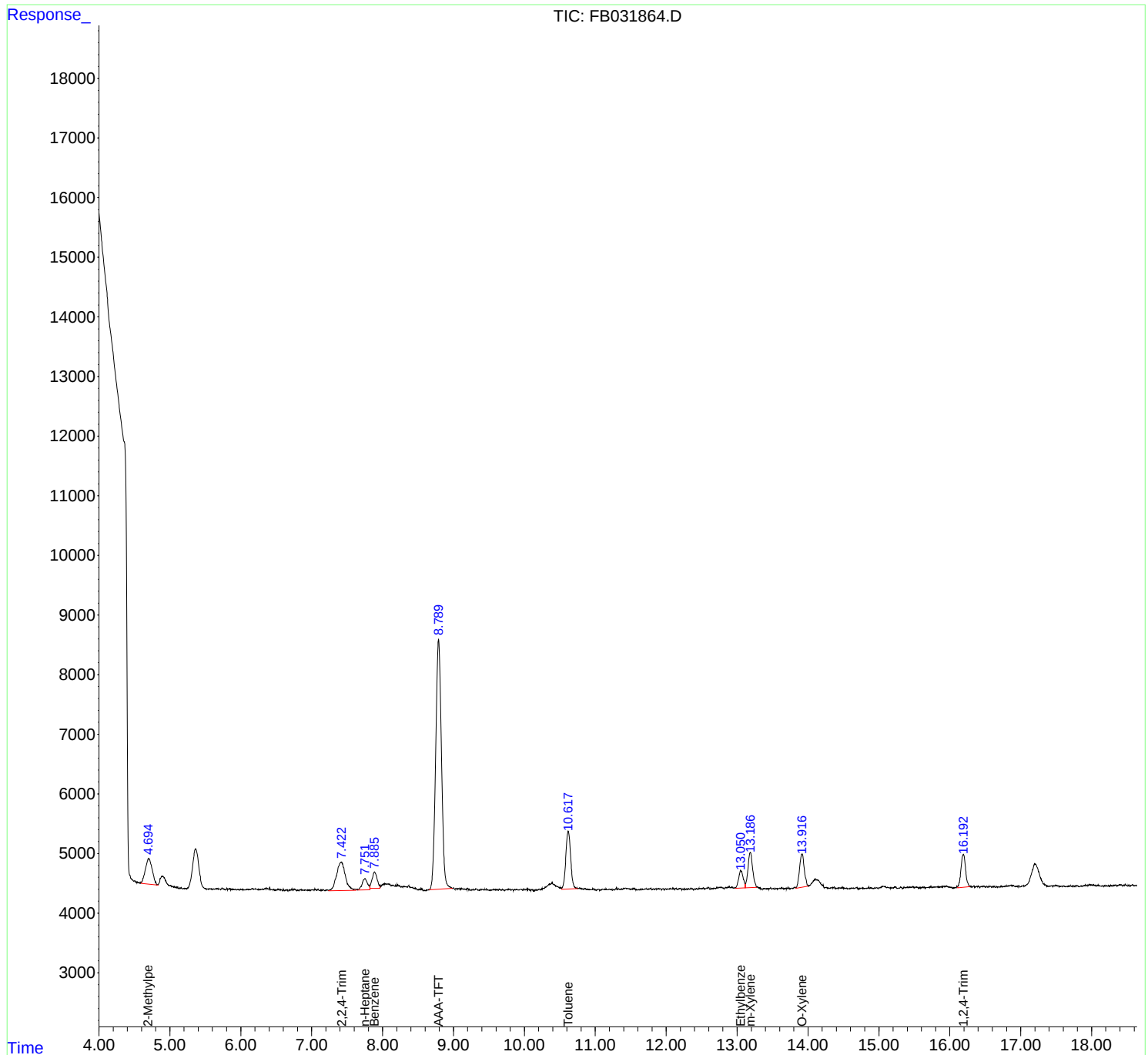
Instrument :
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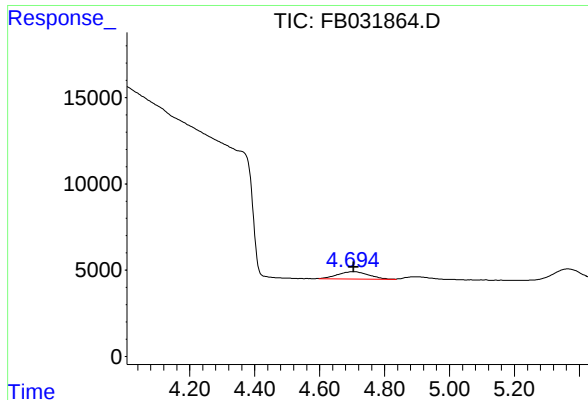
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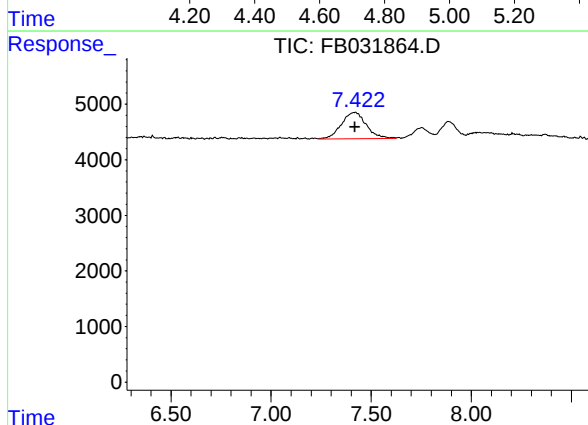
#1 2-Methylpentane

R.T.: 4.696 min
Delta R.T.: -0.009 min
Response: 28546
Conc: 1.68 ng/ml

Instrument : FID_B
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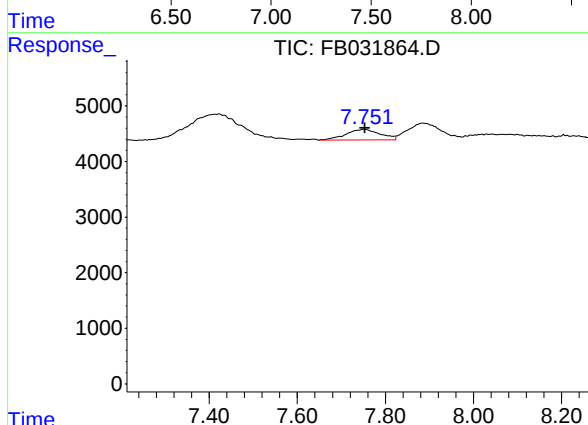
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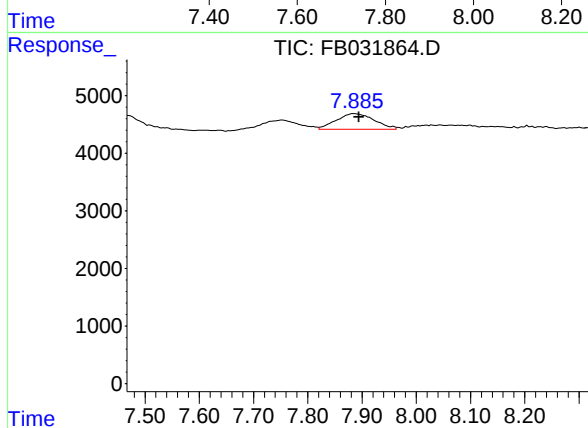
#2 2,2,4-Trimethylpentane

R.T.: 7.422 min
Delta R.T.: 0.003 min
Response: 40986
Conc: 1.99 ng/ml m



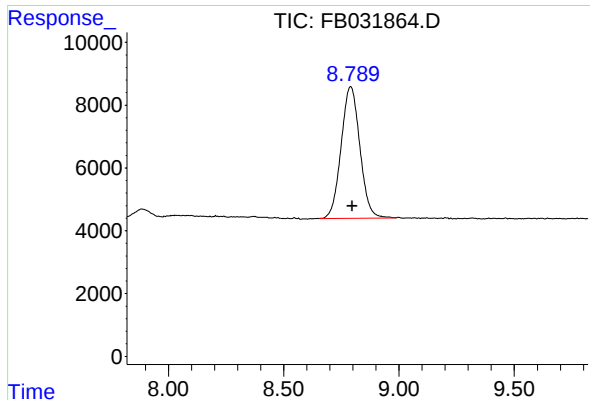
#3 n-Heptane

R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 10432
Conc: 0.61 ng/ml m



#4 Benzene

R.T.: 7.885 min
Delta R.T.: -0.010 min
Response: 13245
Conc: 0.67 ng/ml m



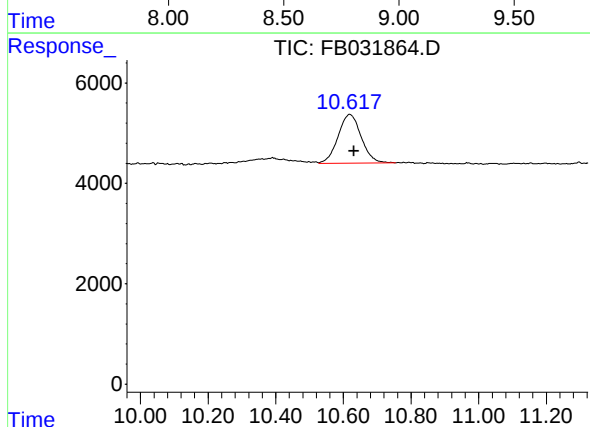
#5 AAA-TFT

R.T.: 8.791 min
Delta R.T.: -0.007 min
Response: 236518
Conc: 19.38 ng/ml

Instrument : FID_B
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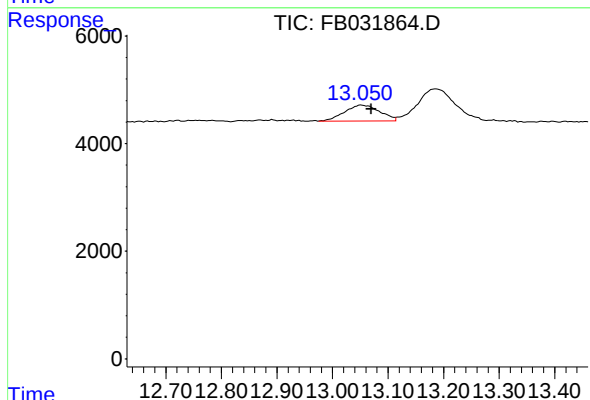
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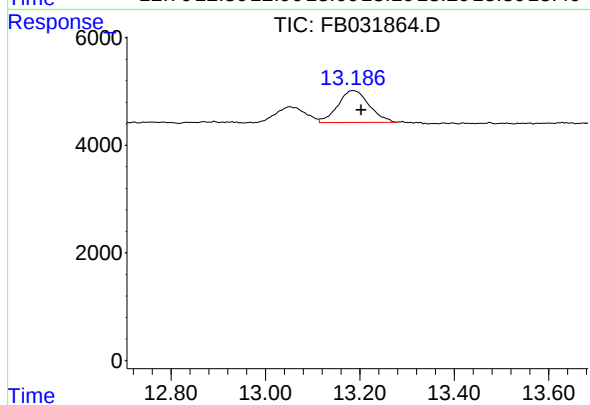
#6 Toluene

R.T.: 10.619 min
Delta R.T.: -0.012 min
Response: 46052
Conc: 2.45 ng/ml



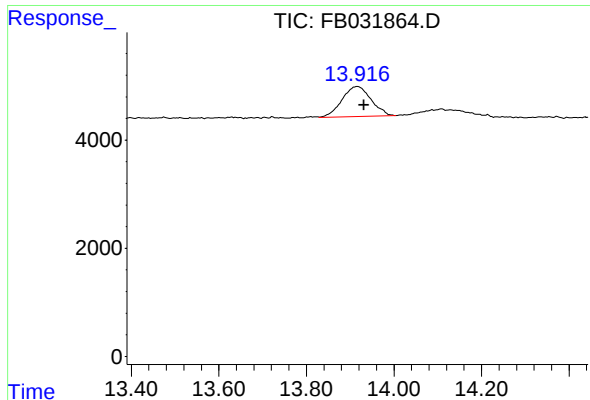
#7 Ethylbenzene

R.T.: 13.052 min
Delta R.T.: -0.018 min
Response: 12918
Conc: 0.85 ng/ml



#8 m-Xylene

R.T.: 13.187 min
Delta R.T.: -0.016 min
Response: 27132
Conc: 1.59 ng/ml



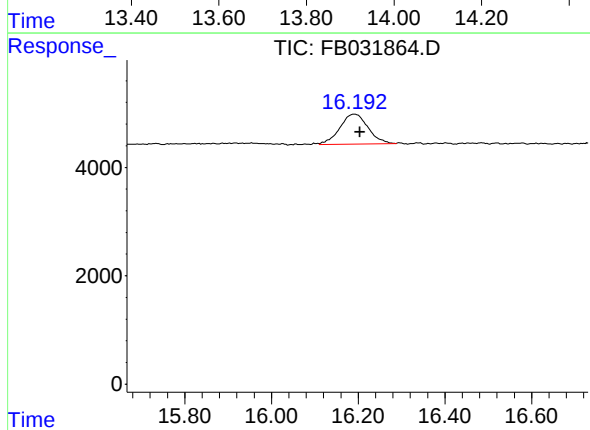
#9 O-Xylene

R.T.: 13.916 min
Delta R.T.: -0.016 min
Response: 25750
Conc: 1.62 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.193 min
Delta R.T.: -0.012 min
Response: 24831
Conc: 2.15 ng/ml