

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB082125\
 Data File : FB032168.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2025 15:55
 Operator : YP/AJ
 Sample : Q2893-08
 Misc : 4 PPB WATER LOQ
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 LOQ-WATER-02-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2025
 Supervised By :mohammad ahmed 08/25/2025

Integration File: Calibration.e
 Quant Time: Aug 22 06:59:20 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	8.800	350963	20.393 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.718	134612	5.880 ng/ml
2) t 2,2,4-Trimethylpentane	7.425	152150	5.944 ng/ml
3) t n-Heptane	7.758	43348	1.761 ng/ml
4) t Benzene	7.897	61570	1.935 ng/ml
6) t Toluene	10.628	212075	6.466 ng/ml
7) t Ethylbenzene	13.063	61516	2.118 ng/ml
8) t m-Xylene	13.196	127411	4.256 ng/ml
9) t O-Xylene	13.921	123254	4.312 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	105398	4.055 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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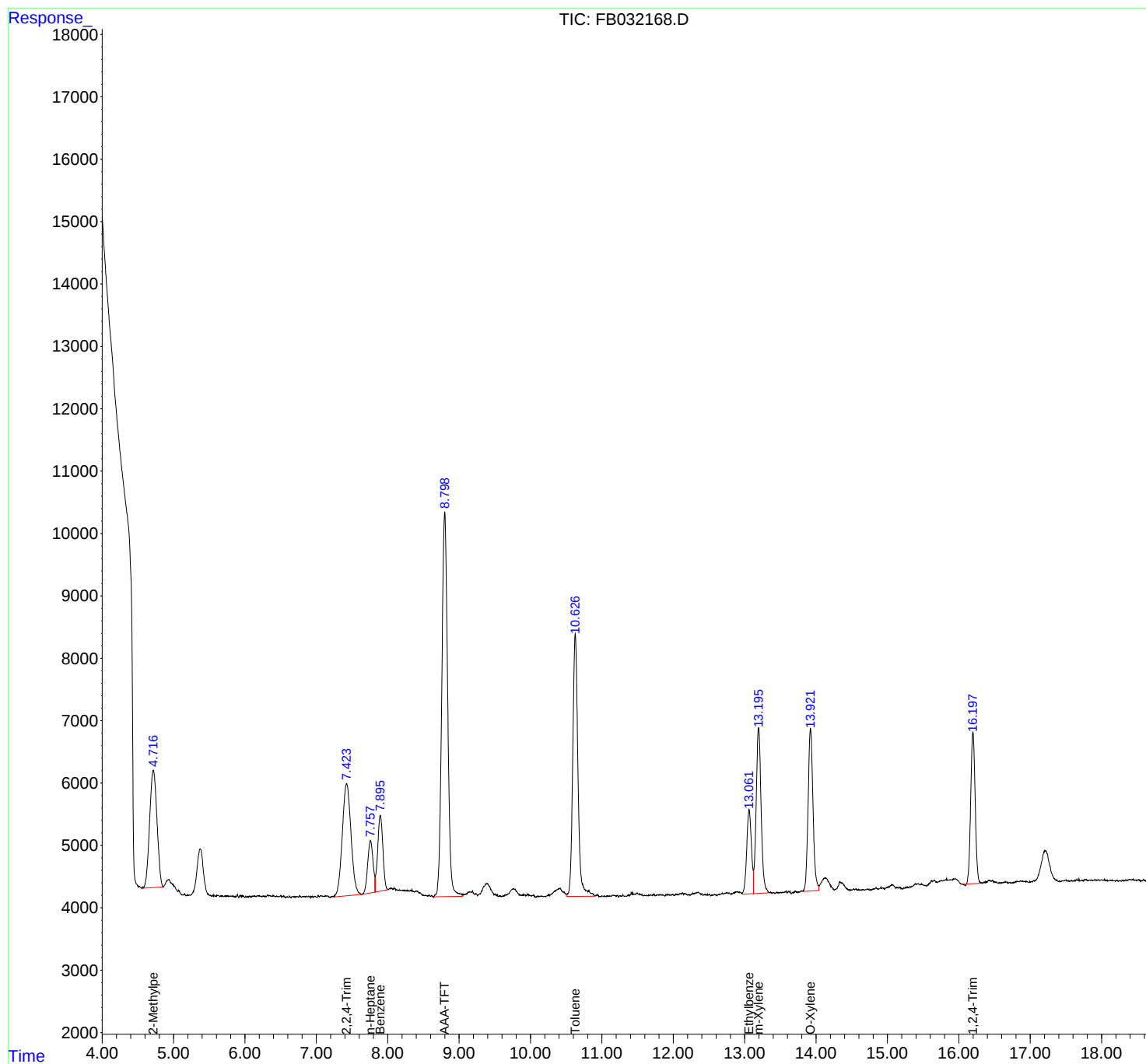
Instrument :
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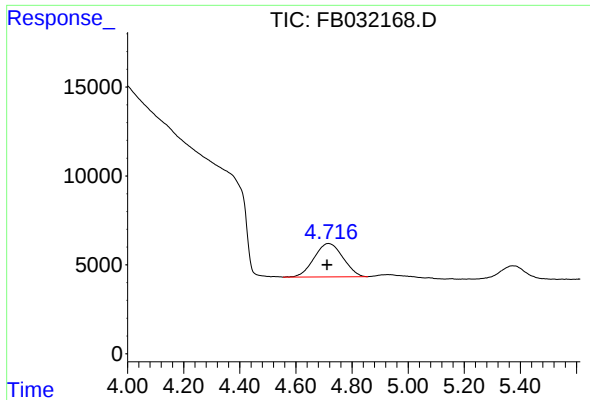
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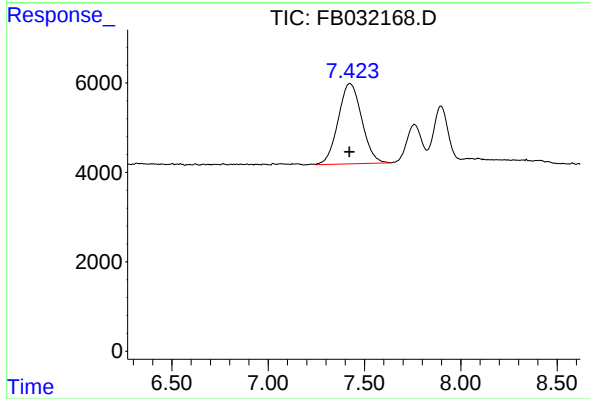
#1 2-Methylpentane

R.T.: 4.718 min
Delta R.T.: 0.007 min
Response: 134612
Conc: 5.88 ng/ml

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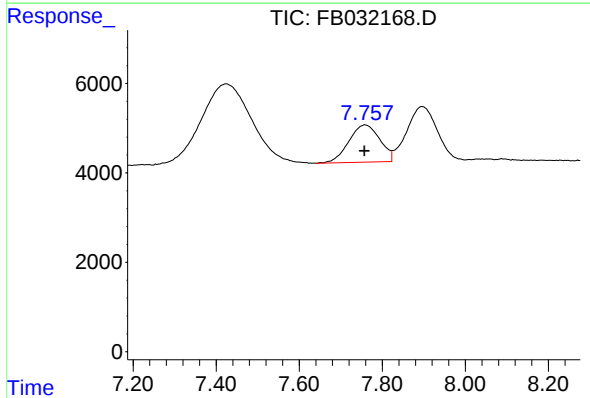
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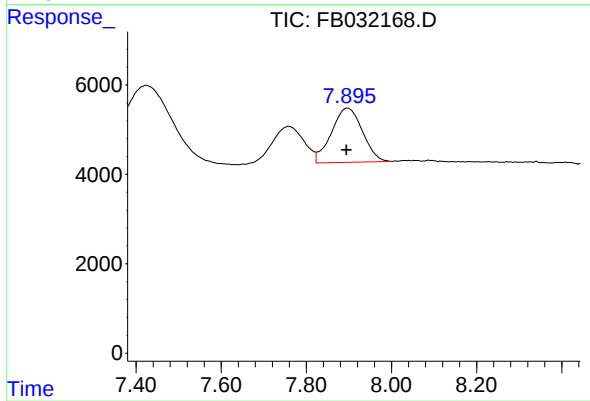
#2 2,2,4-Trimethylpentane

R.T.: 7.425 min
Delta R.T.: 0.003 min
Response: 152150
Conc: 5.94 ng/ml



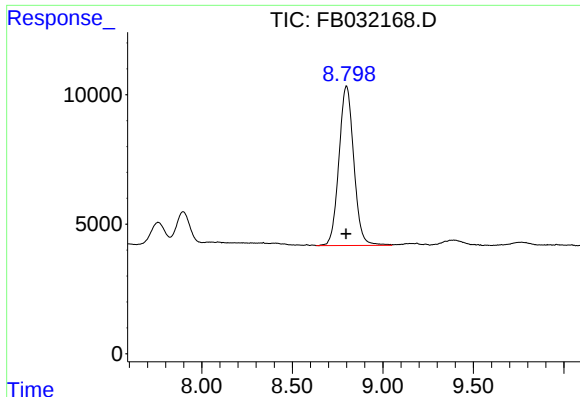
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.002 min
Response: 43348
Conc: 1.76 ng/ml



#4 Benzene

R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 61570
Conc: 1.93 ng/ml



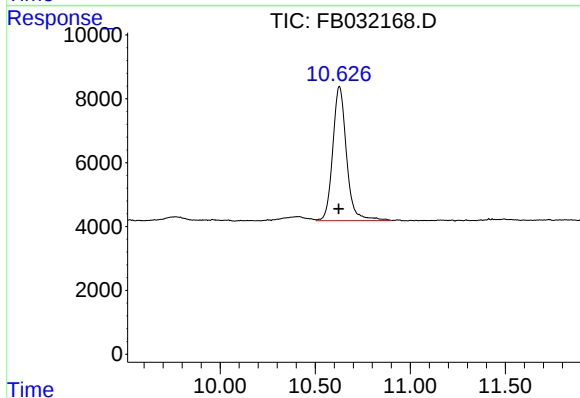
#5 AAA-TFT

R.T.: 8.800 min
Delta R.T.: 0.003 min
Response: 350963
Conc: 20.39 ng/ml

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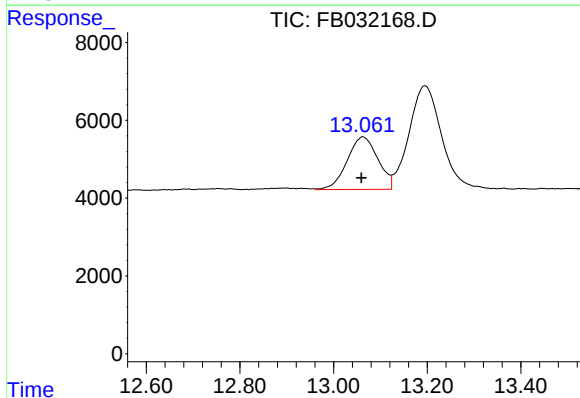
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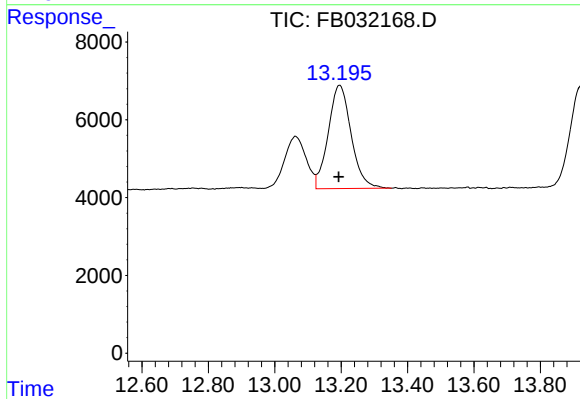
#6 Toluene

R.T.: 10.628 min
Delta R.T.: 0.003 min
Response: 212075
Conc: 6.47 ng/ml



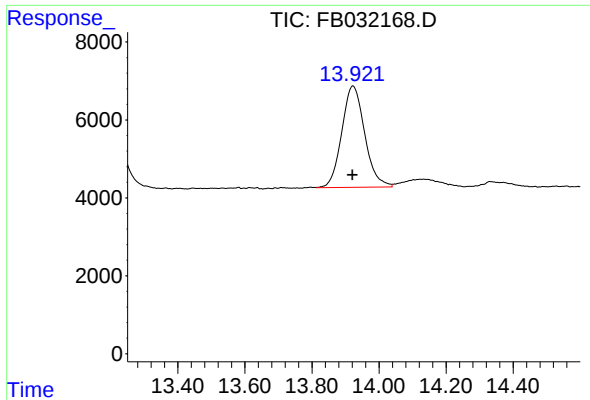
#7 Ethylbenzene

R.T.: 13.063 min
Delta R.T.: 0.003 min
Response: 61516
Conc: 2.12 ng/ml



#8 m-Xylene

R.T.: 13.196 min
Delta R.T.: 0.003 min
Response: 127411
Conc: 4.26 ng/ml



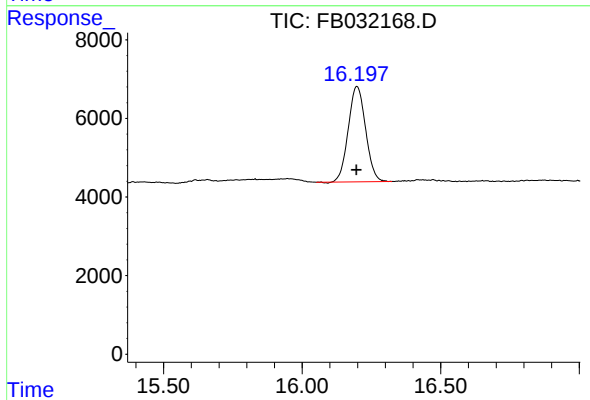
#9 O-Xylene

R.T.: 13.921 min
Delta R.T.: 0.000 min
Response: 123254
Conc: 4.31 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.003 min
Response: 105398
Conc: 4.05 ng/ml