

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB042925\
 Data File : FB031666.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2025 17:21
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: Calibration.e
 Quant Time: Apr 30 02:34:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_B\Method\FB042325.M
 Quant Title :
 QLast Update : Wed Apr 23 13:48:24 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	8.797	522141	22.768 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.725	700936	31.543 ng/mlm
2) t 2,2,4-Trimethylpentane	7.426	1121357	32.828 ng/ml
3) t n-Heptane	7.758	323860	10.529 ng/ml
4) t Benzene	7.899	461445	11.284 ng/ml
6) t Toluene	10.626	1361986	34.185 ng/ml
7) t Ethylbenzene	13.062	416836	11.665 ng/ml
8) t m-Xylene	13.195	945395	24.196 ng/ml
9) t O-Xylene	13.924	862480	23.409 ng/ml
10) t 1,2,4-Trimethylbenzene	16.198	662191	24.549 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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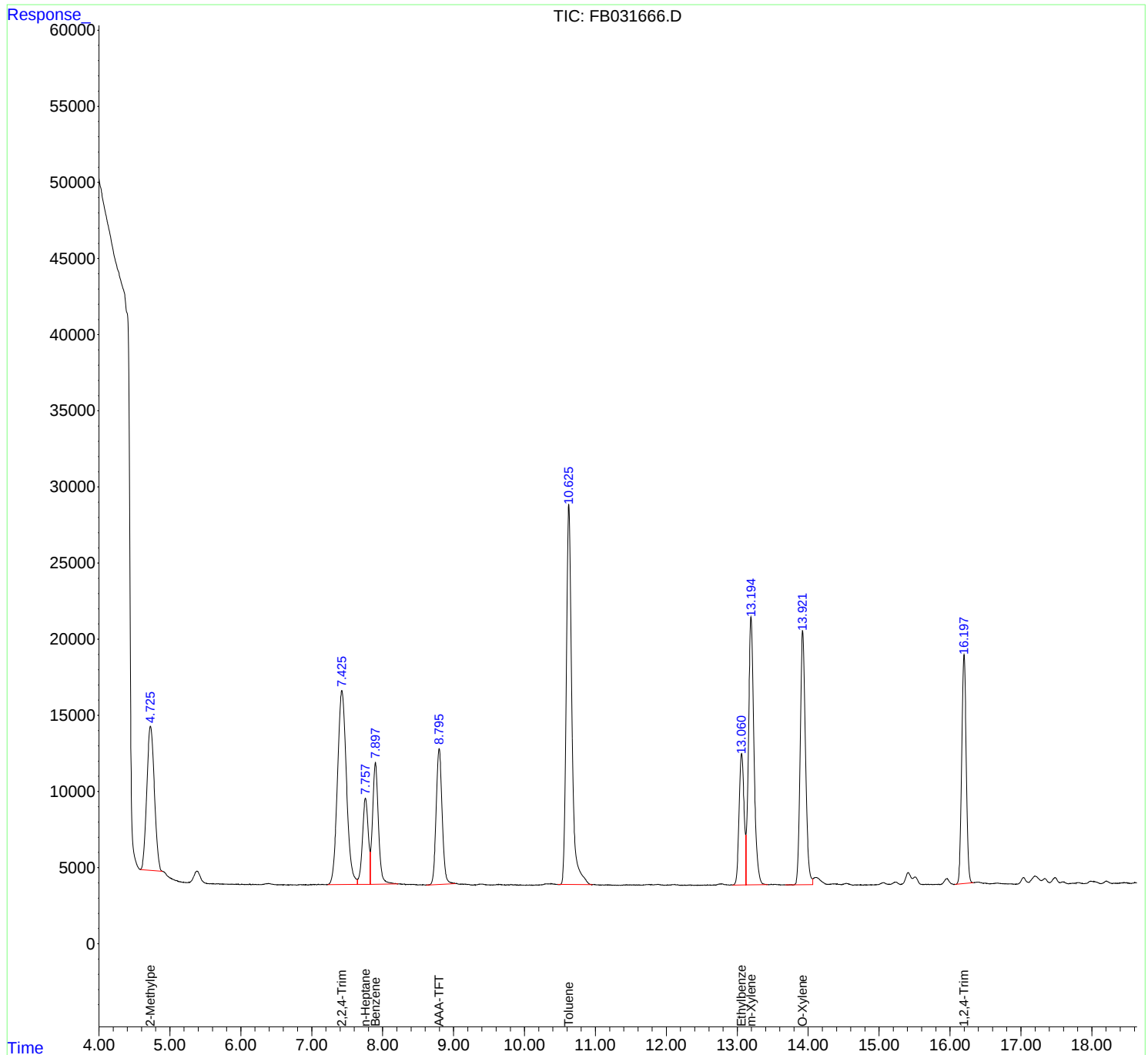
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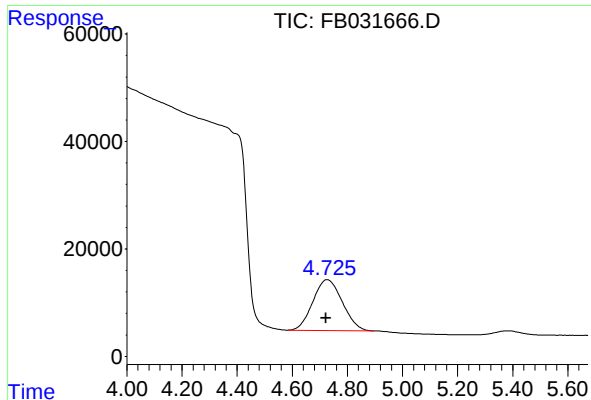
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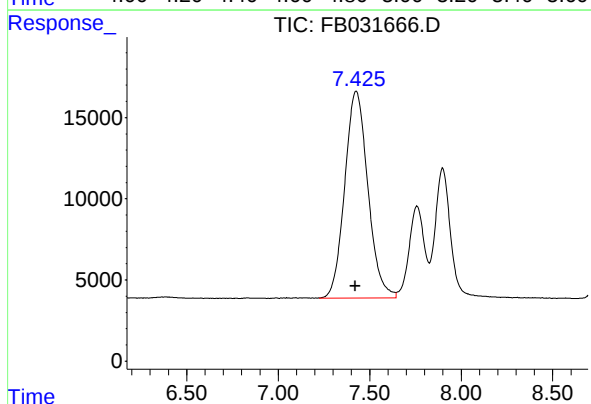
#1 2-Methylpentane

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 700936
Conc: 31.54 ng/ml

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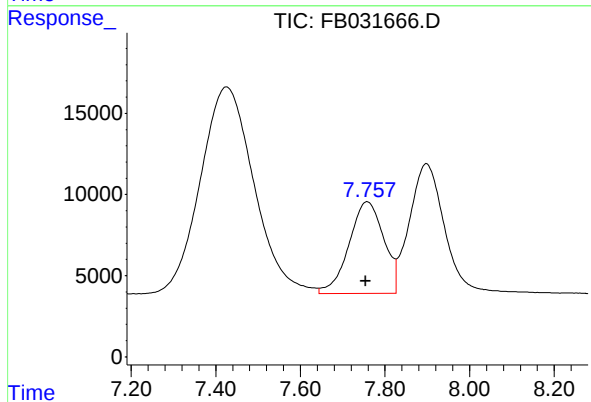
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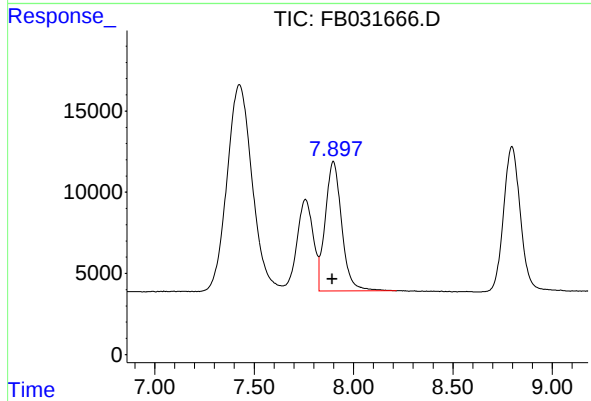
#2 2,2,4-Trimethylpentane

R.T.: 7.426 min
Delta R.T.: 0.005 min
Response: 1121357
Conc: 32.83 ng/ml



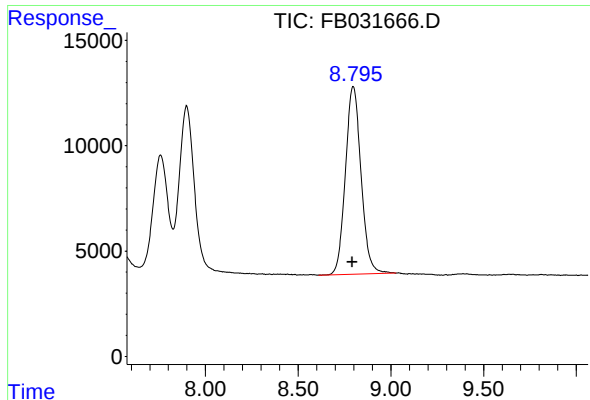
#3 n-Heptane

R.T.: 7.758 min
Delta R.T.: 0.005 min
Response: 323860
Conc: 10.53 ng/ml



#4 Benzene

R.T.: 7.899 min
Delta R.T.: 0.005 min
Response: 461445
Conc: 11.28 ng/ml



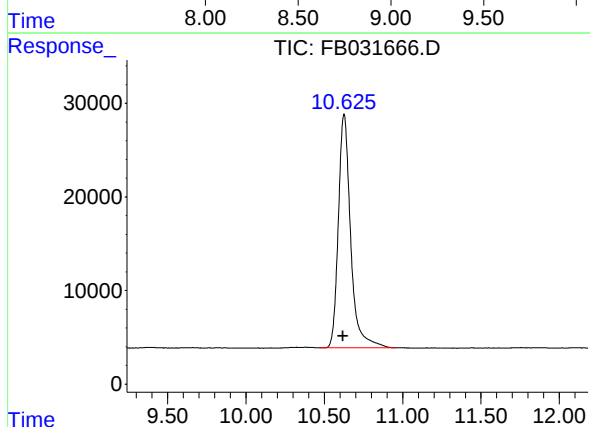
#5 AAA-TFT

R.T.: 8.797 min
Delta R.T.: 0.005 min
Response: 522141
Conc: 22.77 ng/ml

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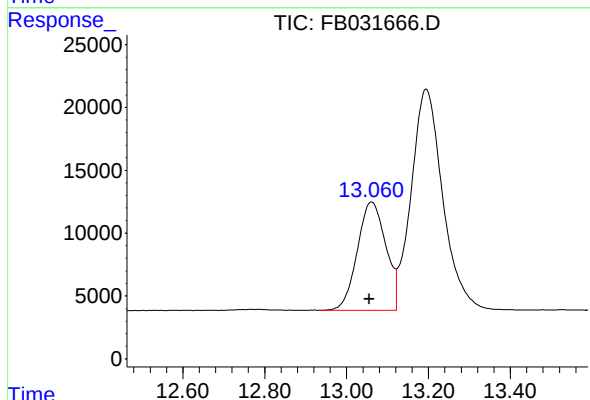
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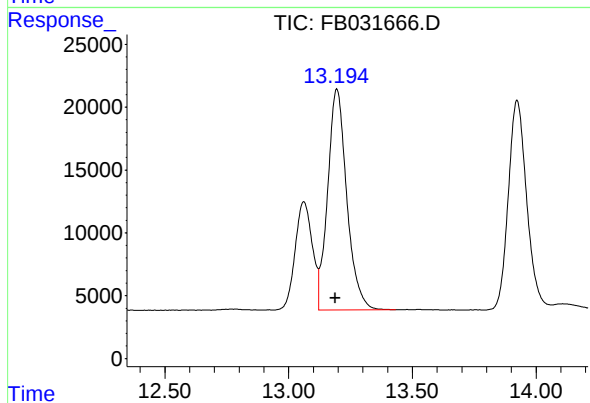
#6 Toluene

R.T.: 10.626 min
Delta R.T.: 0.006 min
Response: 1361986
Conc: 34.18 ng/ml



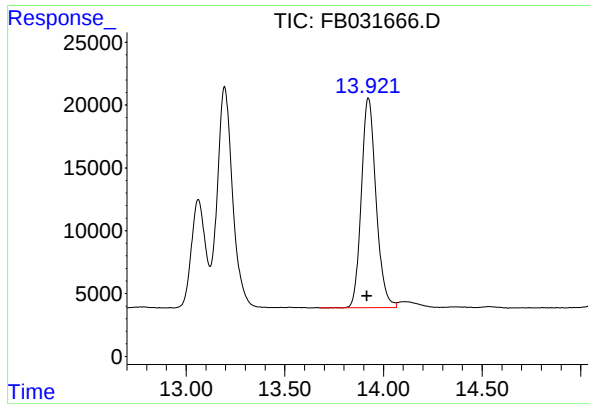
#7 Ethylbenzene

R.T.: 13.062 min
Delta R.T.: 0.006 min
Response: 416836
Conc: 11.67 ng/ml



#8 m-Xylene

R.T.: 13.195 min
Delta R.T.: 0.006 min
Response: 945395
Conc: 24.20 ng/ml



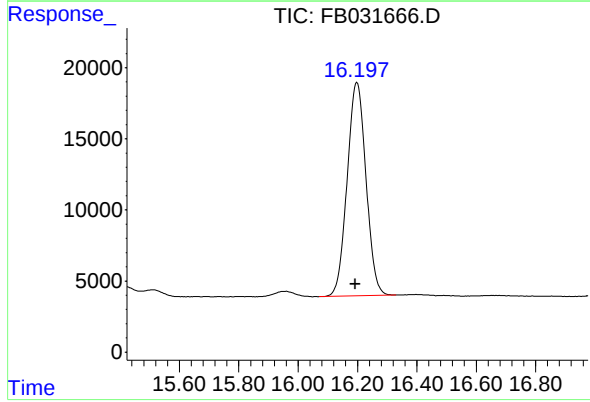
#9 O-Xylene

R.T.: 13.924 min
Delta R.T.: 0.007 min
Response: 862480
Conc: 23.41 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.198 min
Delta R.T.: 0.005 min
Response: 662191
Conc: 24.55 ng/ml