

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB050625\
 Data File : FB031688.D
 Signal(s) : FID2B.CH
 Acq On : 6 May 2025 16:21
 Operator : YP/AJ
 Sample : 20 PPB GRO STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_B
 ClientSampleId :
 20 PPB GRO STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File: Calibration.e
 Quant Time: May 07 05:53:07 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	8.796	401463	17.506 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.727	622375	28.008 ng/mlm
2) t 2,2,4-Trimethylpentane	7.425	1039785	30.440 ng/ml
3) t n-Heptane	7.757	301402	9.799 ng/ml
4) t Benzene	7.897	423301	10.352 ng/ml
6) t Toluene	10.624	1240870	31.145 ng/ml
7) t Ethylbenzene	13.061	372314	10.419 ng/ml
8) t m-Xylene	13.194	820385	20.997 ng/ml
9) t O-Xylene	13.922	765847	20.787 ng/ml
10) t 1,2,4-Trimethylbenzene	16.197	559588	20.745 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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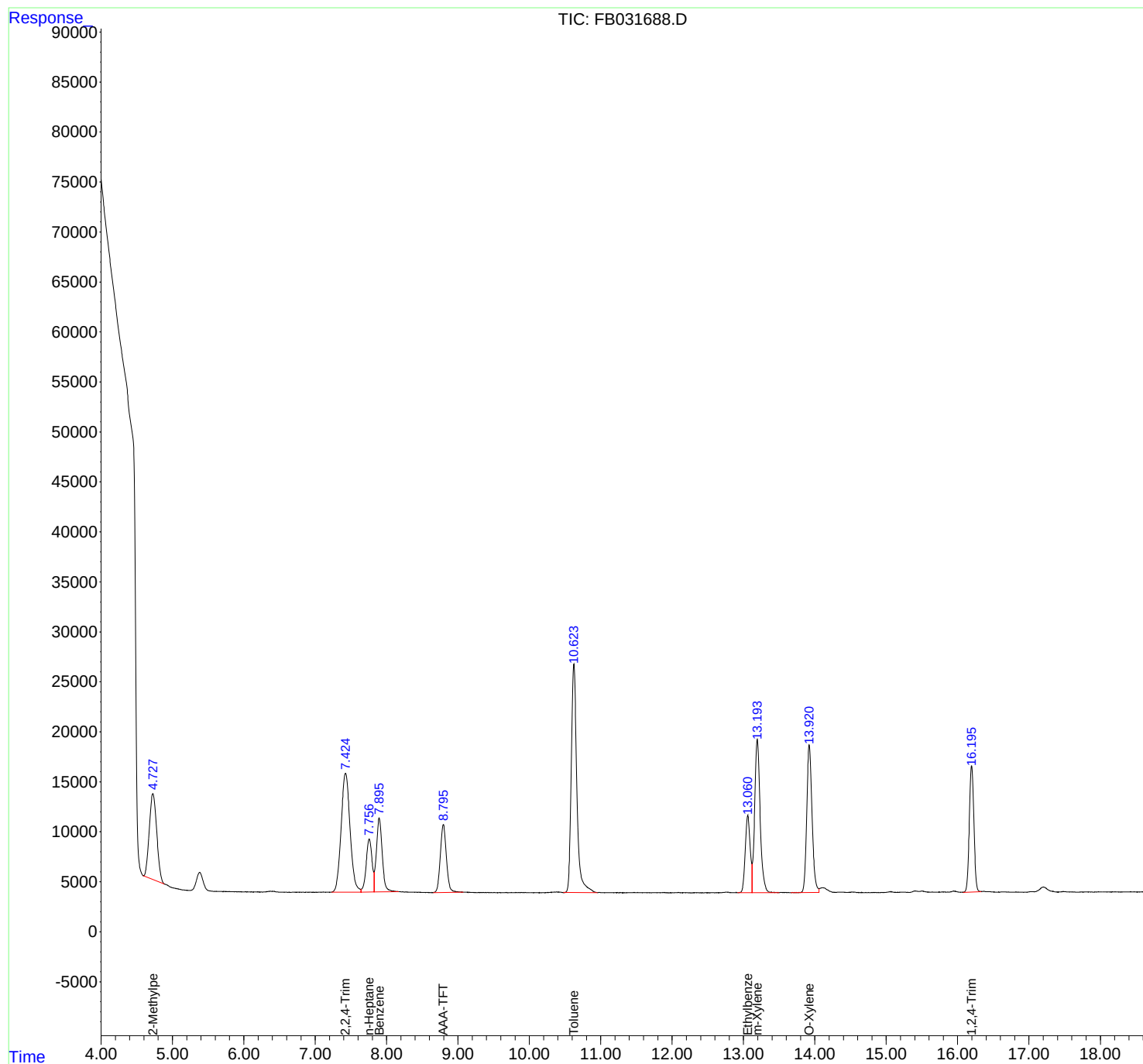
Instrument :
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20 PPB GRO STD

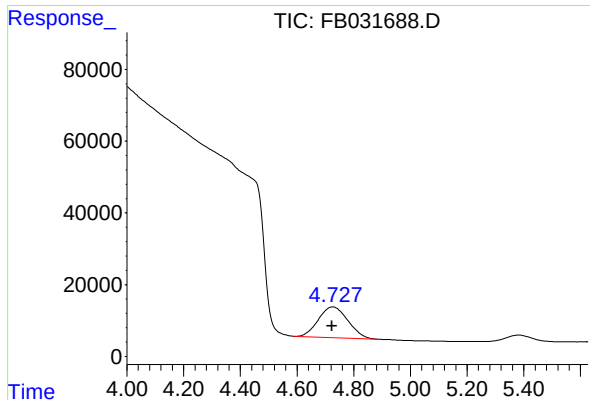
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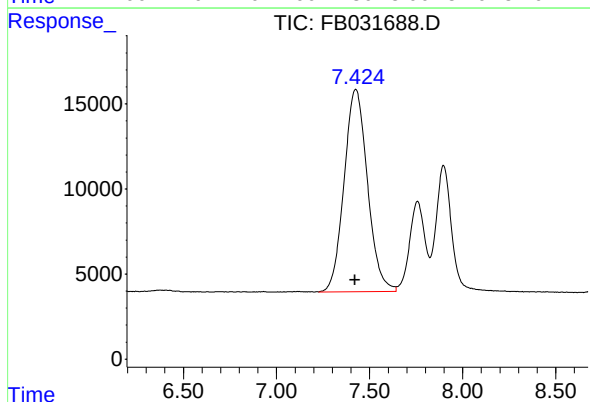
#1 2-Methylpentane

R.T.: 4.727 min
Delta R.T.: 0.004 min
Response: 622375
Conc: 28.01 ng/ml

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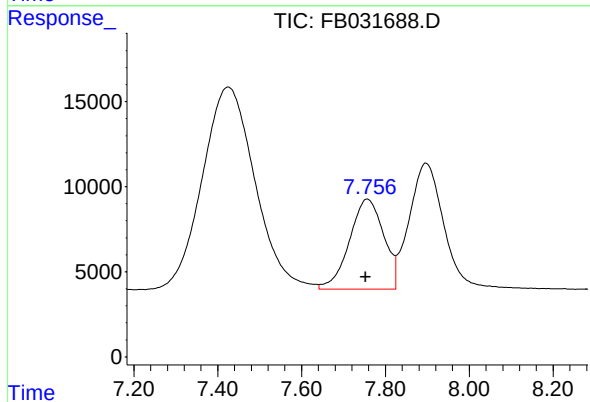
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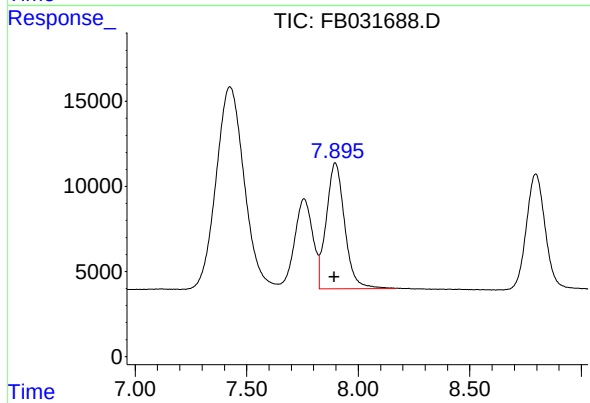
#2 2,2,4-Trimethylpentane

R.T.: 7.425 min
Delta R.T.: 0.005 min
Response: 1039785
Conc: 30.44 ng/ml



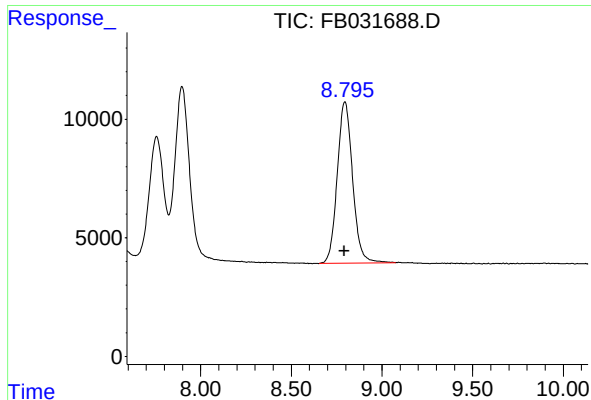
#3 n-Heptane

R.T.: 7.757 min
Delta R.T.: 0.004 min
Response: 301402
Conc: 9.80 ng/ml



#4 Benzene

R.T.: 7.897 min
Delta R.T.: 0.004 min
Response: 423301
Conc: 10.35 ng/ml



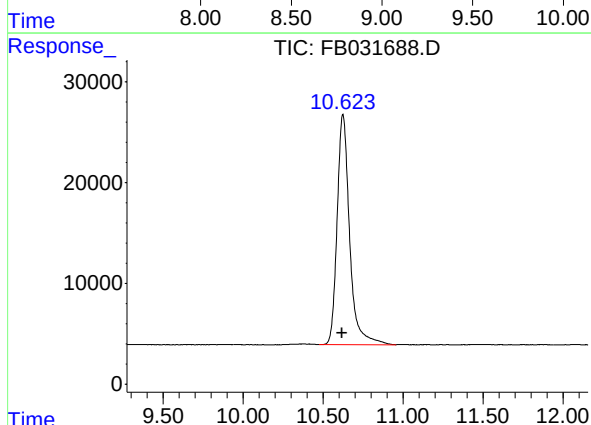
#5 AAA-TFT

R.T.: 8.796 min
Delta R.T.: 0.004 min
Response: 401463
Conc: 17.51 ng/ml

Instrument :
FID_B
ClientSampleId :
20 PPB GRO STD

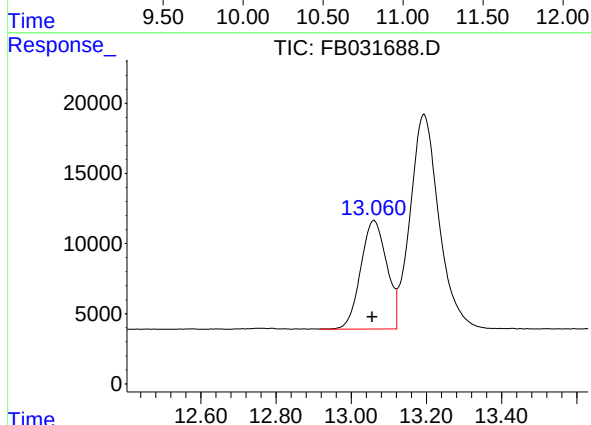
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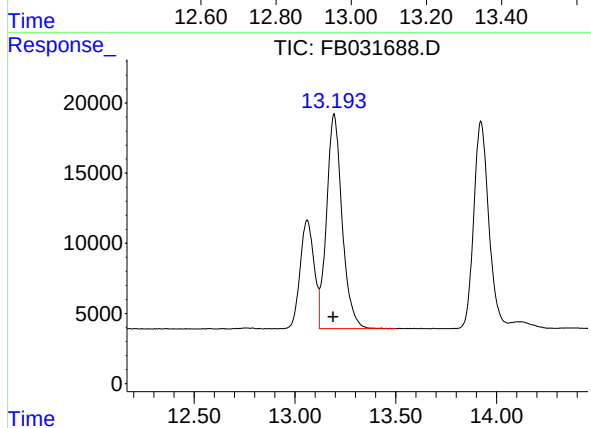
#6 Toluene

R.T.: 10.624 min
Delta R.T.: 0.004 min
Response: 1240870
Conc: 31.15 ng/ml



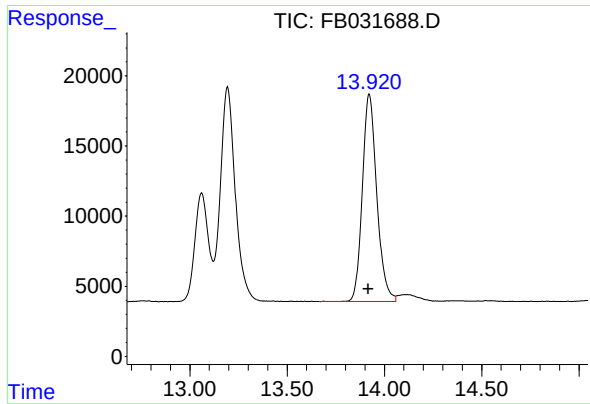
#7 Ethylbenzene

R.T.: 13.061 min
Delta R.T.: 0.005 min
Response: 372314
Conc: 10.42 ng/ml



#8 m-Xylene

R.T.: 13.194 min
Delta R.T.: 0.005 min
Response: 820385
Conc: 21.00 ng/ml



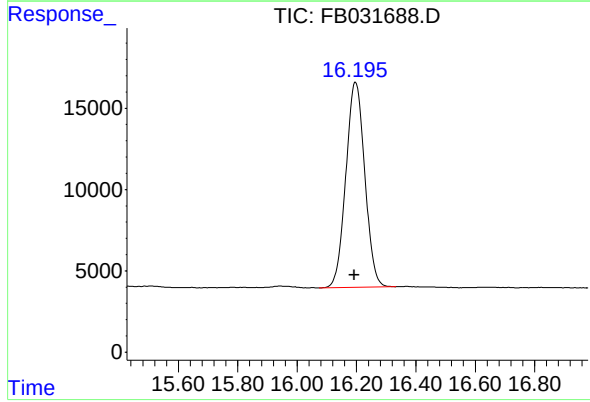
#9 O-Xylene

R.T.: 13.922 min
Delta R.T.: 0.005 min
Response: 765847
Conc: 20.79 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.197 min
Delta R.T.: 0.004 min
Response: 559588
Conc: 20.75 ng/ml