

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB031125\  
 Data File : FB031583.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Mar 2025 17:20  
 Operator : YP/AJ  
 Sample : 20 PPB GRO STD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 20 PPB GRO STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :mohammad ahmed 04/10/2025

Integration File: Calibration.e  
 Quant Time: Mar 12 04:49:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB030625.M  
 Quant Title :  
 QLast Update : Thu Mar 06 13:17:04 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  | 400847   | 17.702 ng/ml  |
| Target Compounds             |        |          |               |
| 1) t 2-Methylpentane         | 4.723  | 620413   | 24.394 ng/mlm |
| 2) t 2,2,4-Trimethylpentane  | 7.424  | 959911   | 27.686 ng/ml  |
| 3) t n-Heptane               | 7.757  | 267167   | 8.631 ng/ml   |
| 4) t Benzene                 | 7.896  | 387188   | 9.161 ng/ml   |
| 6) t Toluene                 | 10.625 | 1124769  | 28.434 ng/ml  |
| 7) t Ethylbenzene            | 13.062 | 337461   | 9.568 ng/ml   |
| 8) t m-Xylene                | 13.195 | 738014   | 19.146 ng/ml  |
| 9) t O-Xylene                | 13.923 | 698181   | 18.919 ng/ml  |
| 10) t 1,2,4-Trimethylbenzene | 16.199 | 530330   | 18.770 ng/ml  |
| -----                        |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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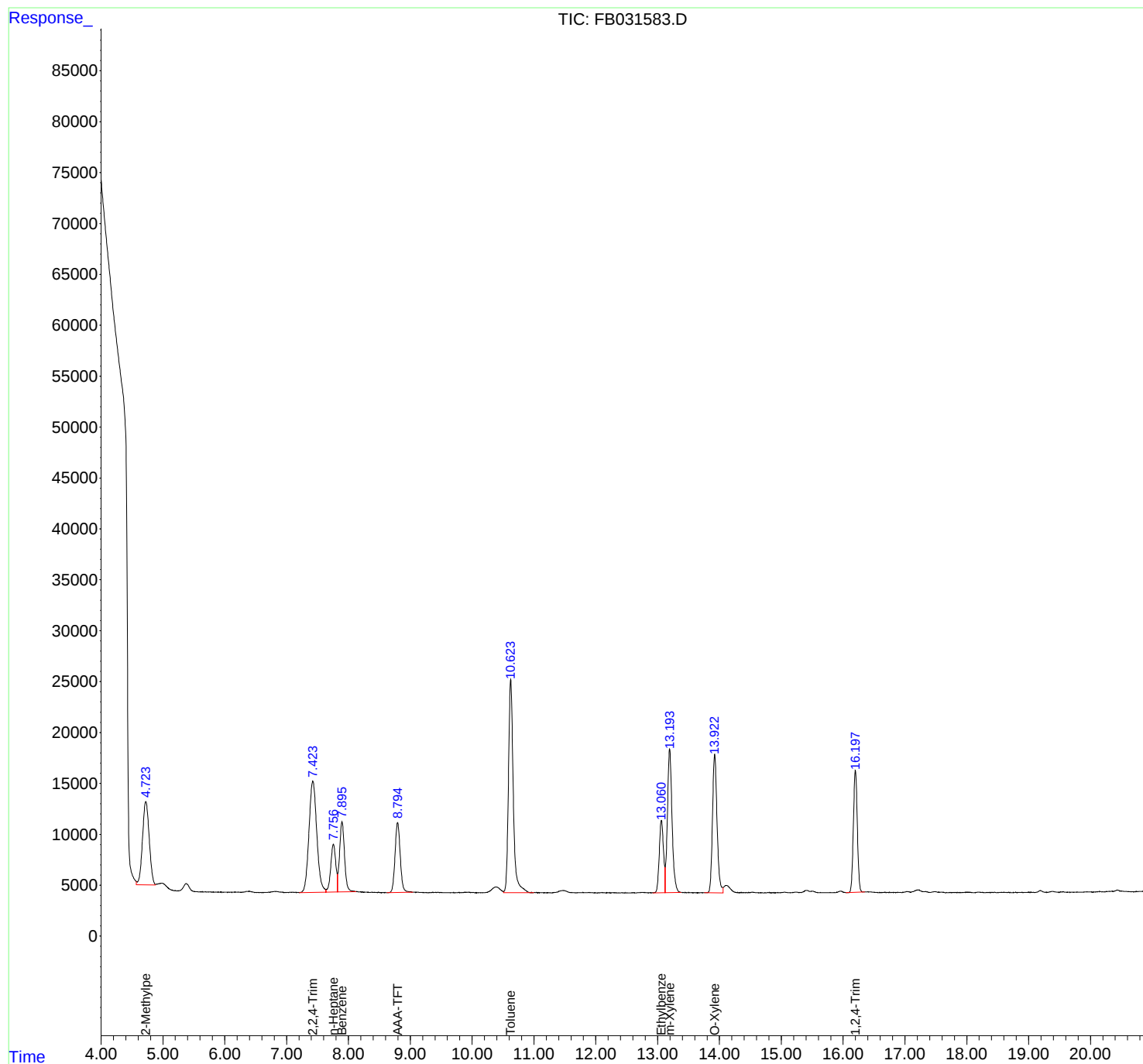
Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD

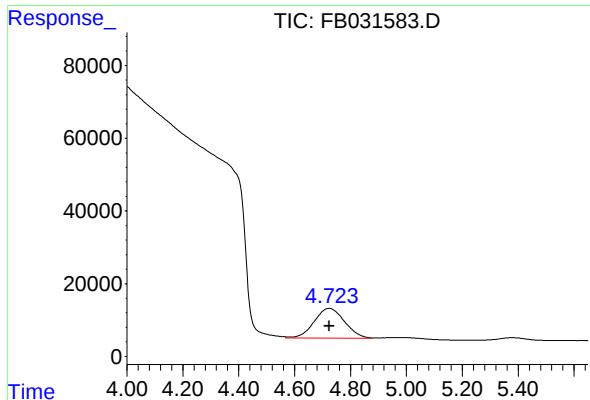
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Signal Info : 60mx0.53mmx3.00um





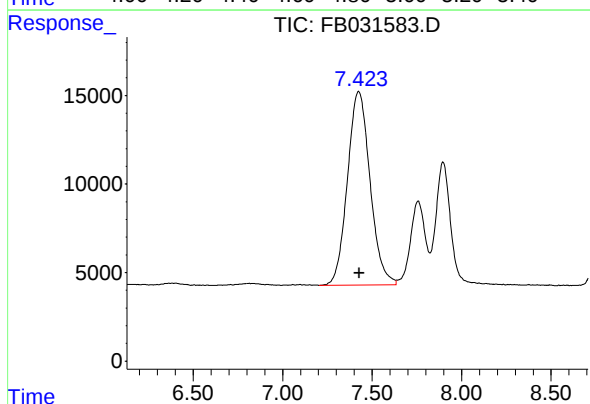
#1 2-Methylpentane

R.T.: 4.723 min  
Delta R.T.: -0.001 min  
Response: 620413  
Conc: 24.39 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
20 PPB GRO STD

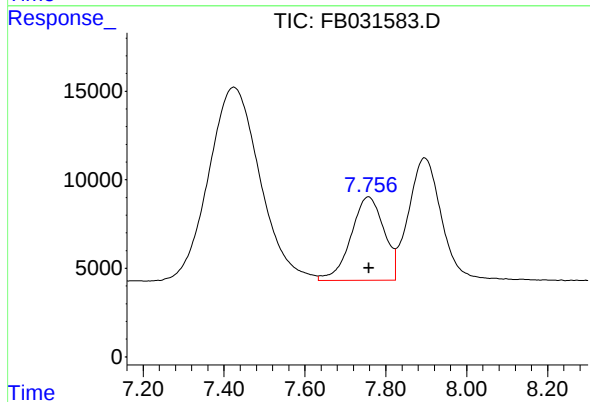
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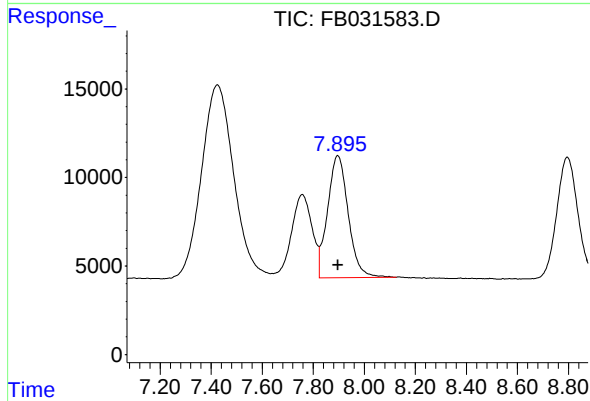
#2 2,2,4-Trimethylpentane

R.T.: 7.424 min  
Delta R.T.: -0.004 min  
Response: 959911  
Conc: 27.69 ng/ml



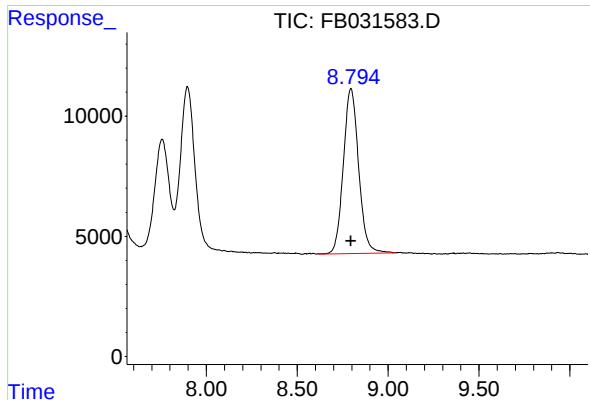
#3 n-Heptane

R.T.: 7.757 min  
Delta R.T.: -0.001 min  
Response: 267167  
Conc: 8.63 ng/ml



#4 Benzene

R.T.: 7.896 min  
Delta R.T.: 0.000 min  
Response: 387188  
Conc: 9.16 ng/ml



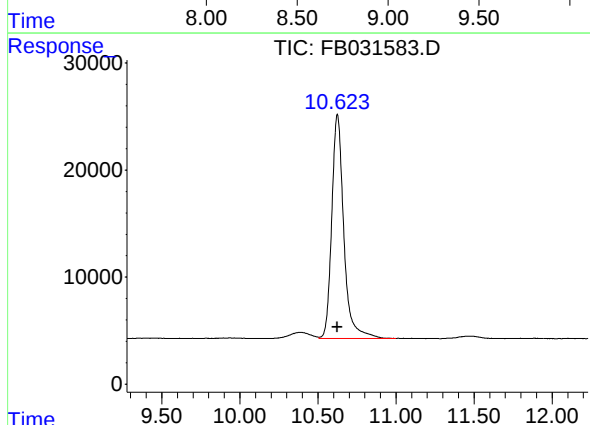
#5 AAA-TFT

R.T.: 8.796 min  
Delta R.T.: 0.000 min  
Response: 400847  
Conc: 17.70 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
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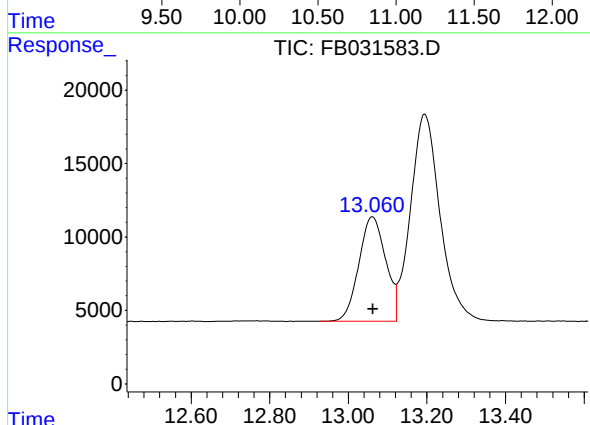
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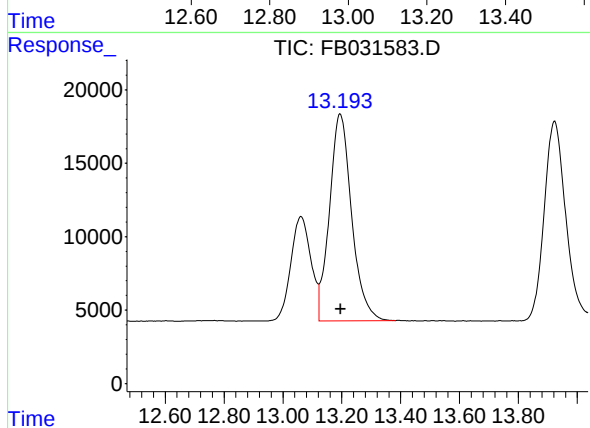
#6 Toluene

R.T.: 10.625 min  
Delta R.T.: 0.000 min  
Response: 1124769  
Conc: 28.43 ng/ml



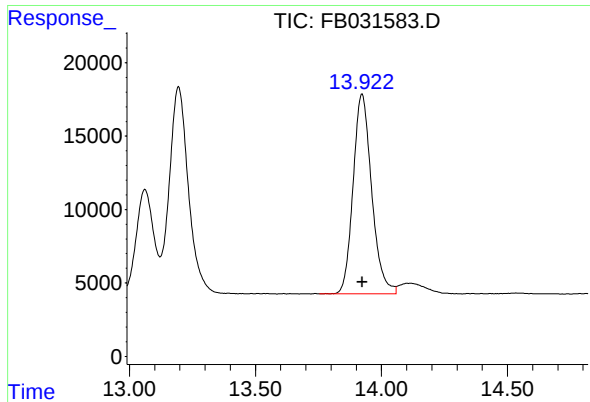
#7 Ethylbenzene

R.T.: 13.062 min  
Delta R.T.: 0.000 min  
Response: 337461  
Conc: 9.57 ng/ml



#8 m-Xylene

R.T.: 13.195 min  
Delta R.T.: 0.000 min  
Response: 738014  
Conc: 19.15 ng/ml



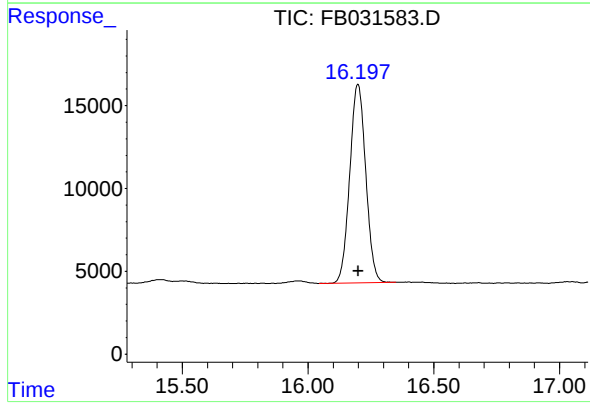
#9 O-Xylene

R.T.: 13.923 min  
Delta R.T.: -0.001 min  
Response: 698181  
Conc: 18.92 ng/ml

Instrument :  
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#10 1,2,4-Trimethylbenzene

R.T.: 16.199 min  
Delta R.T.: -0.002 min  
Response: 530330  
Conc: 18.77 ng/ml