

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB042325\  
 Data File : FB031641.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Apr 2025 13:32  
 Operator : YP/AJ  
 Sample : 50 GRO STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 50 GRO STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/24/2025  
 Supervised By :mohammad ahmed 04/26/2025

Integration File: Calibration.e  
 Quant Time: Apr 23 13:20:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB042325.M  
 Quant Title :  
 QLast Update : Wed Apr 23 13:04:06 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                 | 8.793  | 1282415  | 61.385 ng/ml  |
| Target Compounds             |        |          |               |
| 1) t 2-Methylpentane         | 4.721  | 1943857  | 95.776 ng/mlm |
| 2) t 2,2,4-Trimethylpentane  | 7.423  | 2821839  | 87.375 ng/ml  |
| 3) t n-Heptane               | 7.754  | 876961   | 31.561 ng/ml  |
| 4) t Benzene                 | 7.895  | 1147039  | 30.446 ng/ml  |
| 6) t Toluene                 | 10.621 | 3223272  | 85.021 ng/ml  |
| 7) t Ethylbenzene            | 13.058 | 952749   | 27.535 ng/ml  |
| 8) t m-Xylene                | 13.191 | 2078731  | 54.895 ng/ml  |
| 9) t O-Xylene                | 13.920 | 1953108  | 54.031 ng/ml  |
| 10) t 1,2,4-Trimethylbenzene | 16.194 | 1364367  | 49.012 ng/ml  |
| -----                        |        |          |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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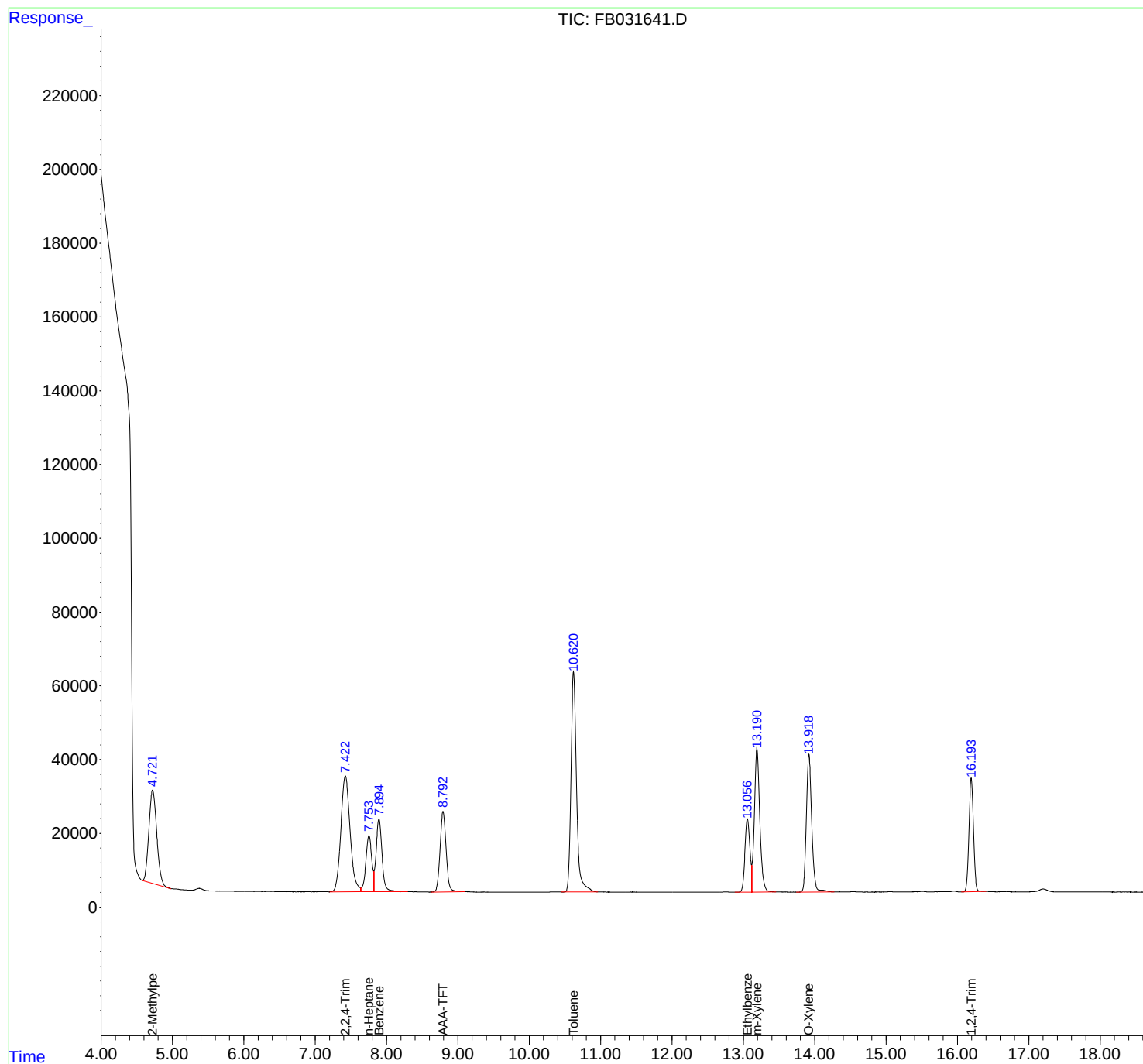
Instrument :  
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50 GRO STD

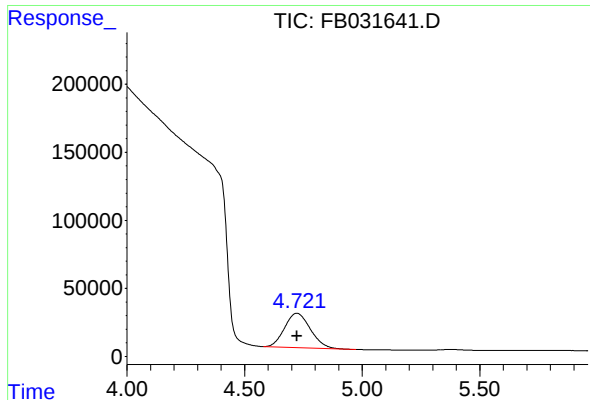
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Signal Info : 60mx0.53mmx3.00um





#1 2-Methylpentane

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 1943857  
Conc: 95.78 ng/ml

Instrument :

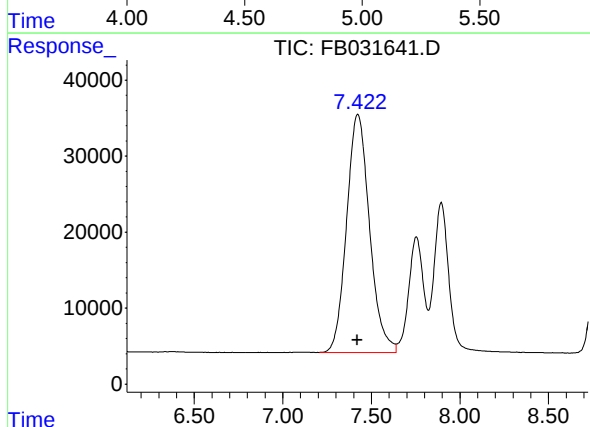
FID\_B

ClientSampleId :

50 GRO STD

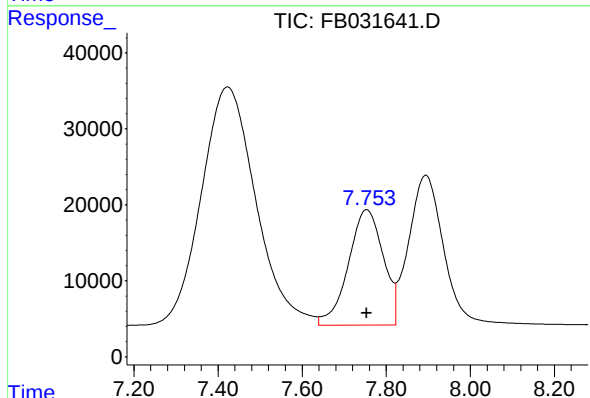
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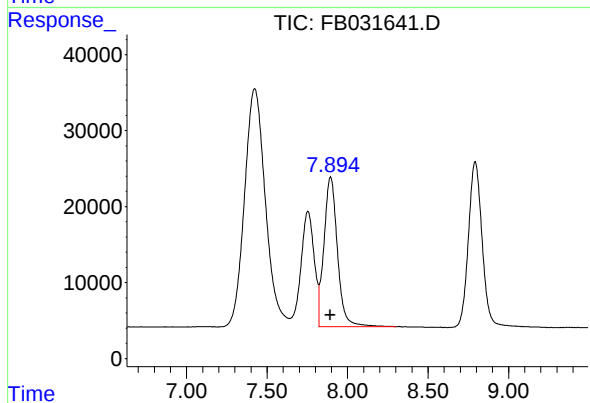
#2 2,2,4-Trimethylpentane

R.T.: 7.423 min  
Delta R.T.: 0.003 min  
Response: 2821839  
Conc: 87.38 ng/ml



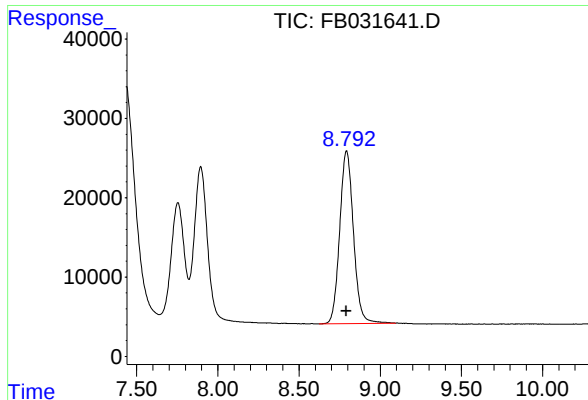
#3 n-Heptane

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 876961  
Conc: 31.56 ng/ml



#4 Benzene

R.T.: 7.895 min  
Delta R.T.: 0.002 min  
Response: 1147039  
Conc: 30.45 ng/ml



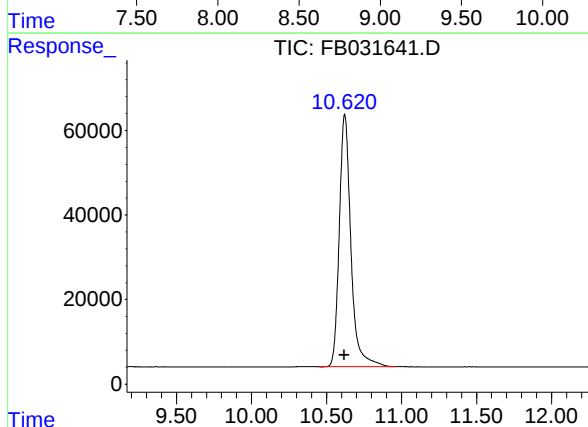
#5 AAA-TFT

R.T.: 8.793 min  
Delta R.T.: 0.000 min  
Response: 1282415  
Conc: 61.38 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
50 GRO STD

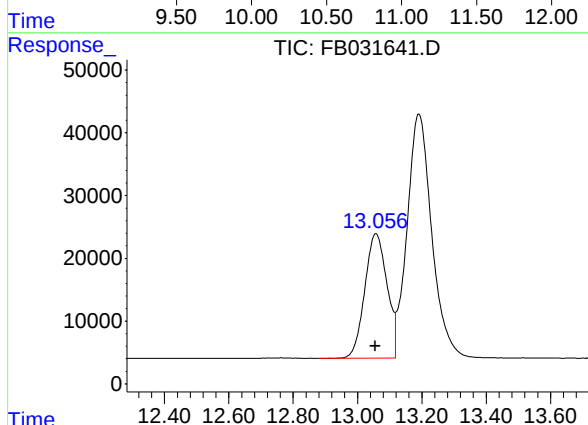
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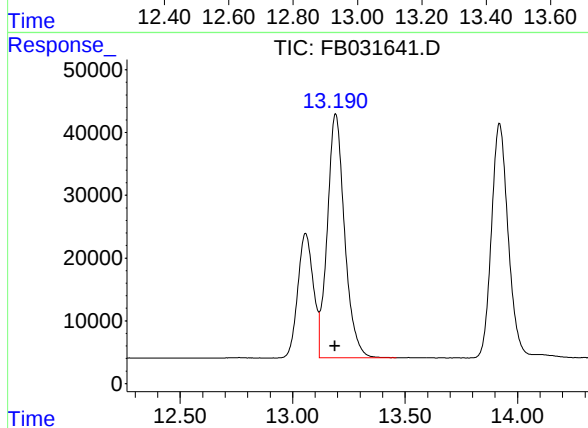
#6 Toluene

R.T.: 10.621 min  
Delta R.T.: 0.002 min  
Response: 3223272  
Conc: 85.02 ng/ml



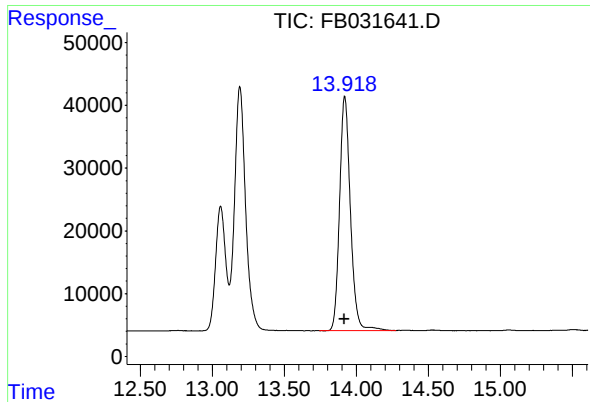
#7 Ethylbenzene

R.T.: 13.058 min  
Delta R.T.: 0.002 min  
Response: 952749  
Conc: 27.54 ng/ml



#8 m-Xylene

R.T.: 13.191 min  
Delta R.T.: 0.003 min  
Response: 2078731  
Conc: 54.90 ng/ml



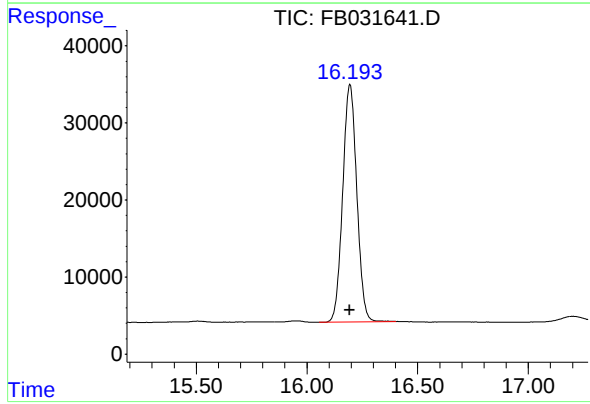
#9 O-Xylene

R.T.: 13.920 min  
Delta R.T.: 0.003 min  
Response: 1953108  
Conc: 54.03 ng/ml

Instrument :  
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#10 1,2,4-Trimethylbenzene

R.T.: 16.194 min  
Delta R.T.: 0.002 min  
Response: 1364367  
Conc: 49.01 ng/ml