

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB051925\  
 Data File : FB031777.D  
 Signal(s) : FID2B.CH  
 Acq On : 19 May 2025 10:58  
 Operator : YP/AJ  
 Sample : 100 GRO STD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 FID\_B  
 ClientSampleId :  
 100 GRO STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/21/2025

Integration File: Calibration.e  
 Quant Time: May 19 10:45:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB051925.M  
 Quant Title :  
 QLast Update : Mon May 19 10:26:51 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  | 2327262  | 109.718 ng/ml  |
| Target Compounds             |        |          |                |
| 1) t 2-Methylpentane         | 4.723  | 5132315  | 154.958 ng/mlm |
| 2) t 2,2,4-Trimethylpentane  | 7.434  | 6058215  | 151.985 ng/ml  |
| 3) t n-Heptane               | 7.757  | 2057407  | 54.827 ng/ml   |
| 4) t Benzene                 | 7.898  | 2452206  | 52.904 ng/ml   |
| 6) t Toluene                 | 10.627 | 6522187  | 147.157 ng/ml  |
| 7) t Ethylbenzene            | 13.065 | 1859290  | 47.437 ng/ml   |
| 8) t m-Xylene                | 13.199 | 4071492  | 93.135 ng/ml   |
| 9) t O-Xylene                | 13.928 | 3710342  | 91.366 ng/ml   |
| 10) t 1,2,4-Trimethylbenzene | 16.202 | 2332915  | 78.199 ng/ml   |
| -----                        |        |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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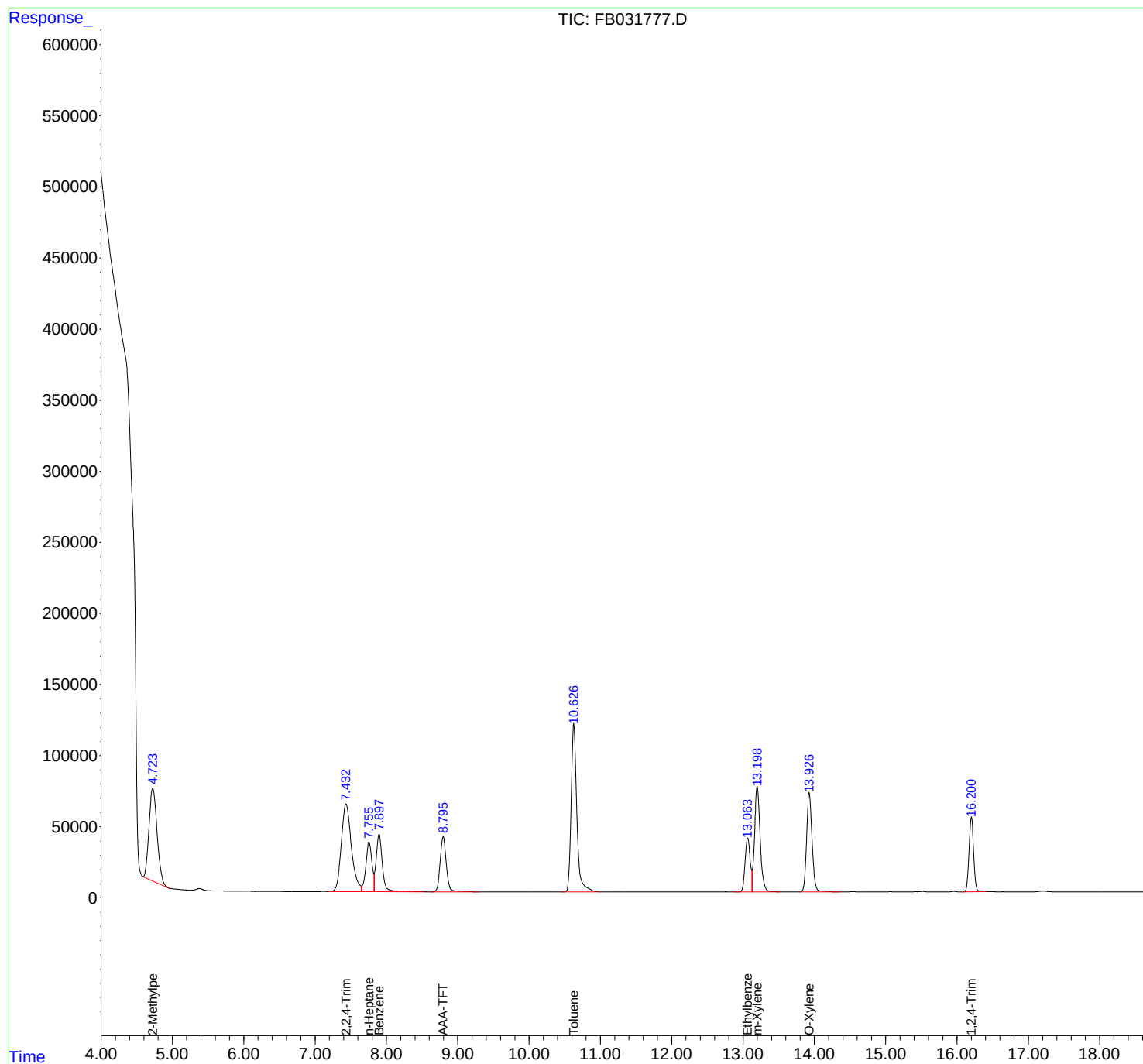
Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD

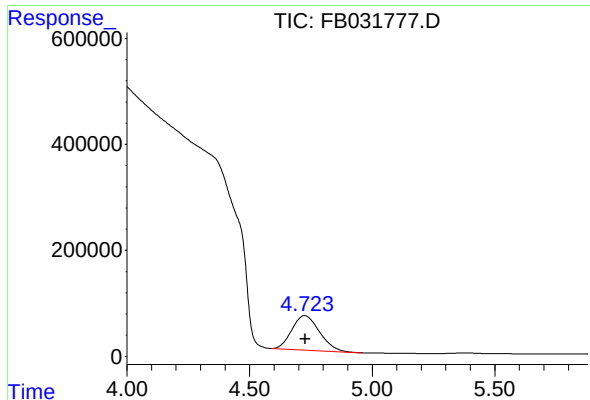
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Signal Phase : RTX-502.2  
Signal Info : 60mx0.53mmx3.00um





#1 2-Methylpentane

R.T.: 4.723 min  
Delta R.T.: -0.004 min  
Response: 5132315  
Conc: 154.96 ng/ml

Instrument :

FID\_B

ClientSampleId :

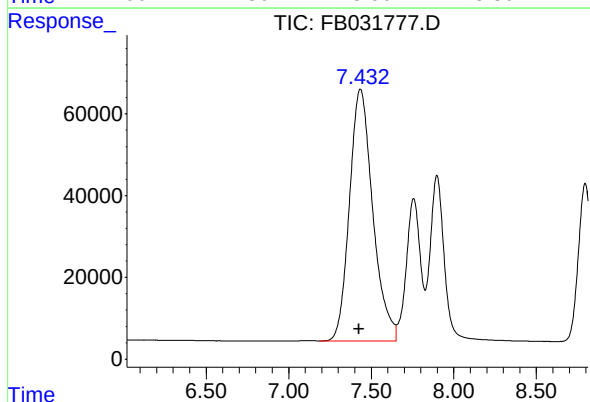
100 GRO STD

Manual Integrations

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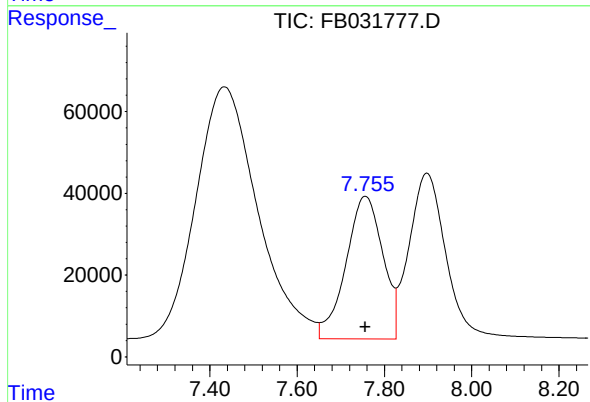
Reviewed By :Yogesh Patel 05/20/2025

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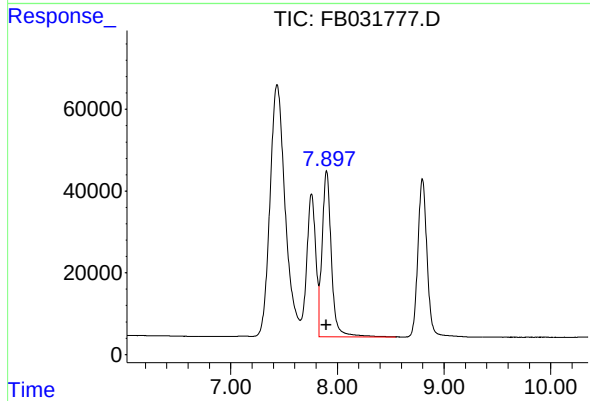
#2 2,2,4-Trimethylpentane

R.T.: 7.434 min  
Delta R.T.: 0.007 min  
Response: 6058215  
Conc: 151.99 ng/ml



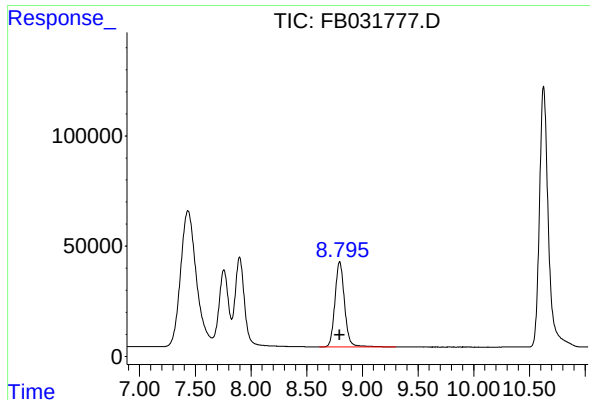
#3 n-Heptane

R.T.: 7.757 min  
Delta R.T.: 0.000 min  
Response: 2057407  
Conc: 54.83 ng/ml



#4 Benzene

R.T.: 7.898 min  
Delta R.T.: 0.002 min  
Response: 2452206  
Conc: 52.90 ng/ml



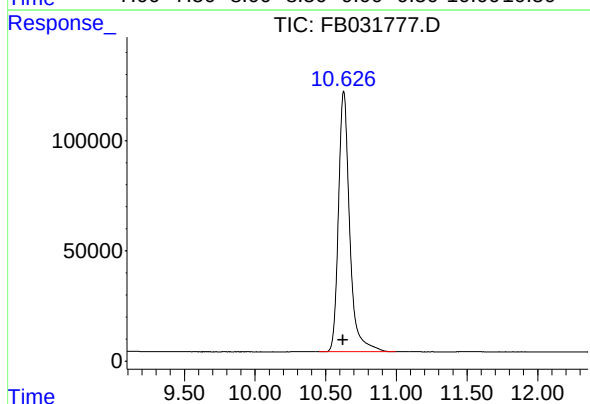
#5 AAA-TFT

R.T.: 8.796 min  
Delta R.T.: 0.000 min  
Response: 2327262  
Conc: 109.72 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
100 GRO STD

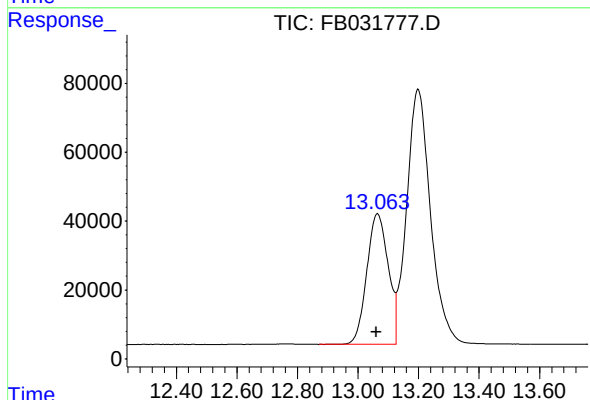
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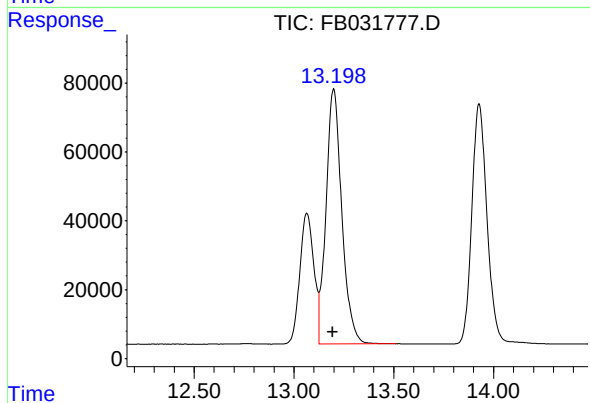
#6 Toluene

R.T.: 10.627 min  
Delta R.T.: 0.003 min  
Response: 6522187  
Conc: 147.16 ng/ml



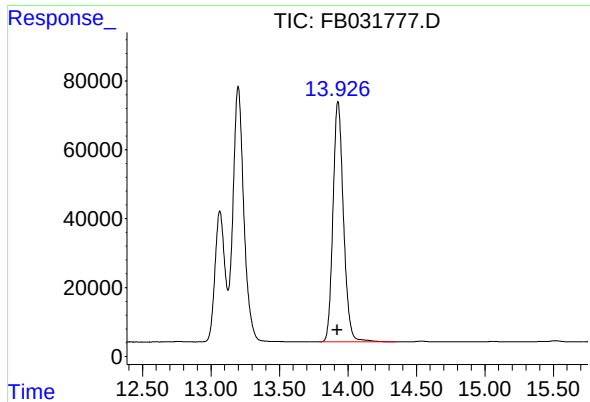
#7 Ethylbenzene

R.T.: 13.065 min  
Delta R.T.: 0.004 min  
Response: 1859290  
Conc: 47.44 ng/ml



#8 m-Xylene

R.T.: 13.199 min  
Delta R.T.: 0.005 min  
Response: 4071492  
Conc: 93.14 ng/ml



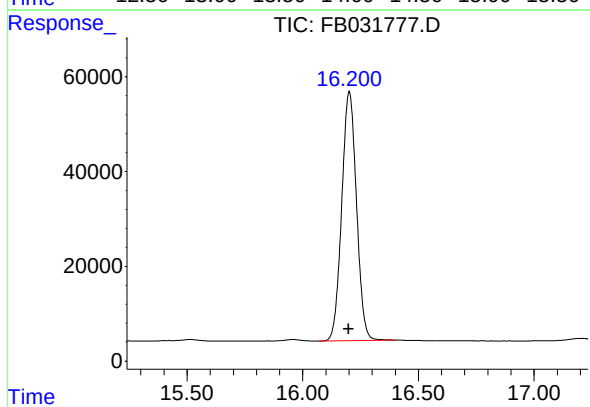
#9 O-Xylene

R.T.: 13.928 min  
Delta R.T.: 0.005 min  
Response: 3710342  
Conc: 91.37 ng/ml

Instrument :  
FID\_B  
ClientSampleId :  
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#10 1,2,4-Trimethylbenzene

R.T.: 16.202 min  
Delta R.T.: 0.004 min  
Response: 2332915  
Conc: 78.20 ng/ml