

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_B\Data\FB050625\
 Data File : FB031684.D
 Signal(s) : FID2B.CH
 Acq On : 6 May 2025 14:30
 Operator : YP/AJ
 Sample : Q1956-03MS
 Misc : 6.02G/5.00 ML DI WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_B

ClientSampleId :

SB2-4-5MS

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 05:52:23 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	8.793	346482	15.109 ng/ml
Target Compounds			
1) t 2-Methylpentane	4.683	1358178	61.121 ng/mlm
2) t 2,2,4-Trimethylpentane	7.419	725398	21.236 ng/ml
3) t n-Heptane	7.752	205882	6.694 ng/ml
4) t Benzene	7.895	323225	7.904 ng/ml
6) t Toluene	10.625	933372	23.427 ng/ml
7) t Ethylbenzene	13.064	276086	7.726 ng/ml
8) t m-Xylene	13.198	603771	15.453 ng/ml
9) t O-Xylene	13.927	550899	14.953 ng/ml
10) t 1,2,4-Trimethylbenzene	16.201	351148	13.018 ng/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Manual Integrations

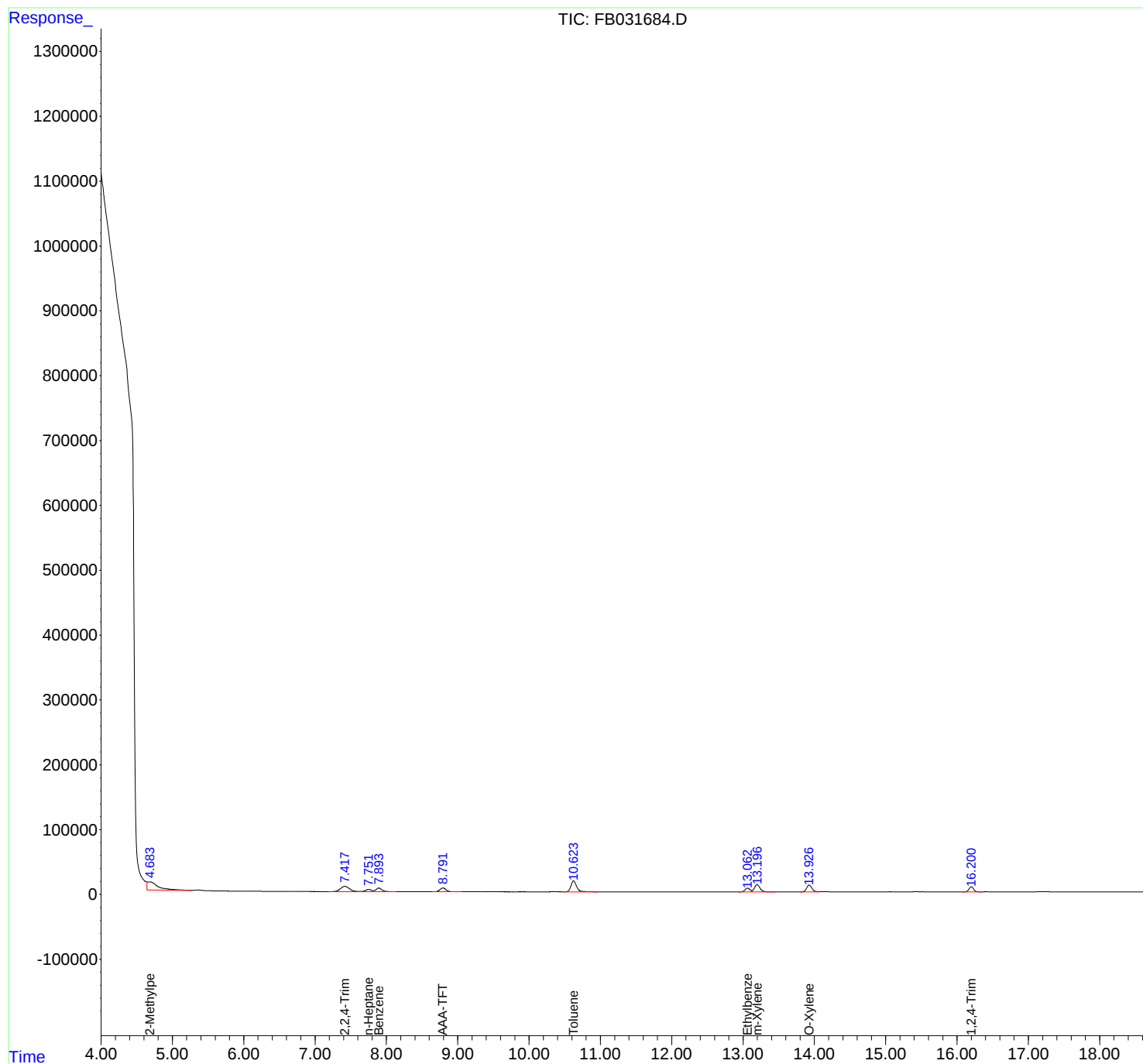
APPROVED

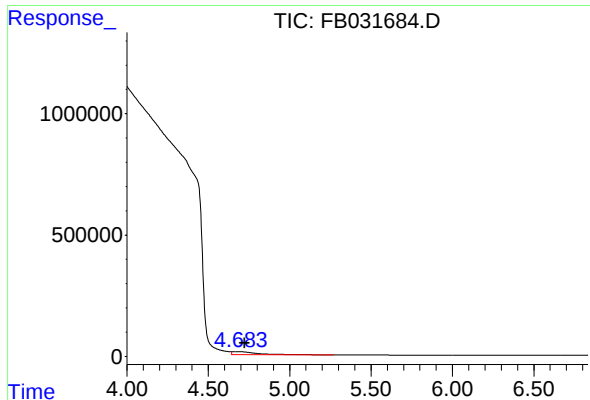
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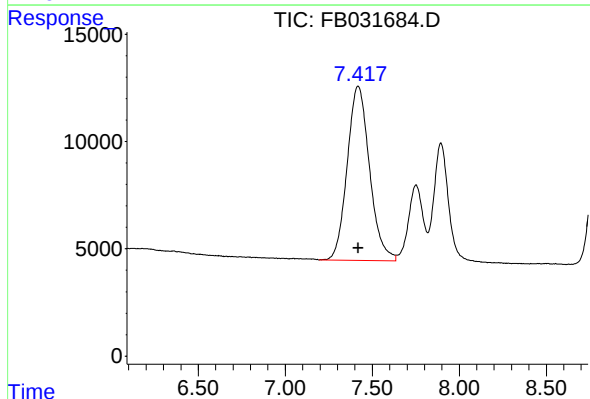
#1 2-Methylpentane

R.T.: 4.683 min
Delta R.T.: -0.040 min
Response: 1358178
Conc: 61.12 ng/ml

Instrument :
FID_B
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SB2-4-5MS

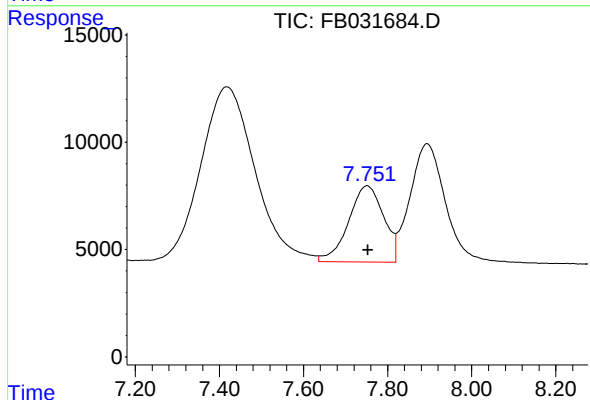
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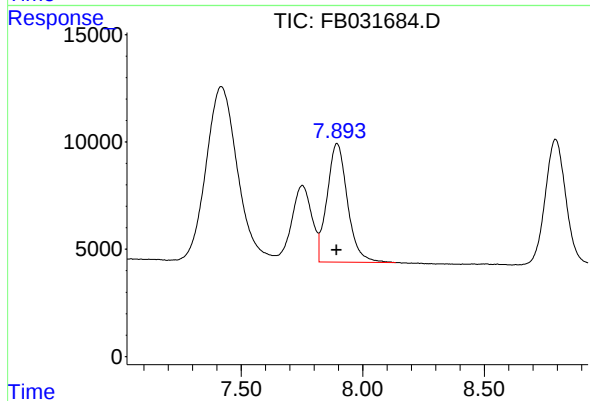
#2 2,2,4-Trimethylpentane

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 725398
Conc: 21.24 ng/ml



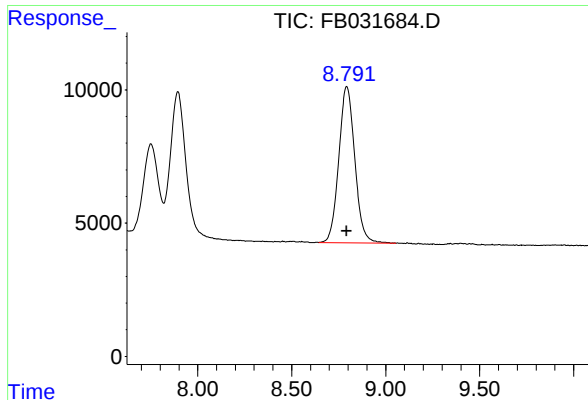
#3 n-Heptane

R.T.: 7.752 min
Delta R.T.: -0.002 min
Response: 205882
Conc: 6.69 ng/ml



#4 Benzene

R.T.: 7.895 min
Delta R.T.: 0.001 min
Response: 323225
Conc: 7.90 ng/ml



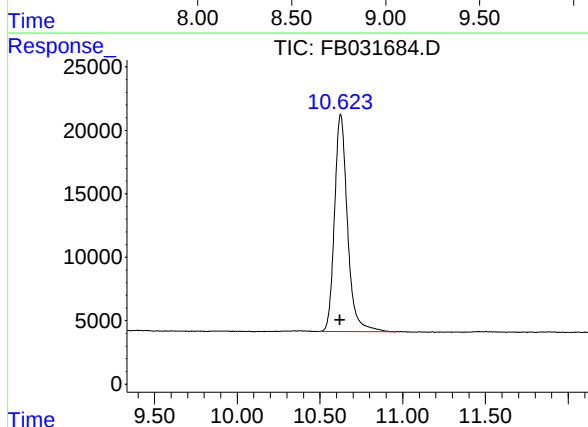
#5 AAA-TFT

R.T.: 8.793 min
Delta R.T.: 0.001 min
Response: 346482
Conc: 15.11 ng/ml

Instrument : FID_B
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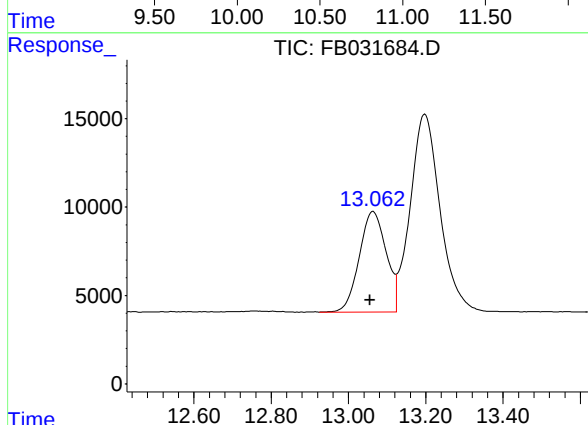


#6 Toluene

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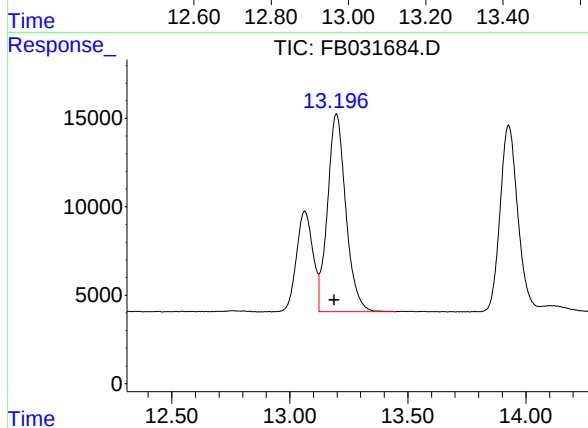
      R.T.:    10.625 min
Delta R.T.:    0.005 min
  Response:    933372
      Conc:    23.43 ng/ml

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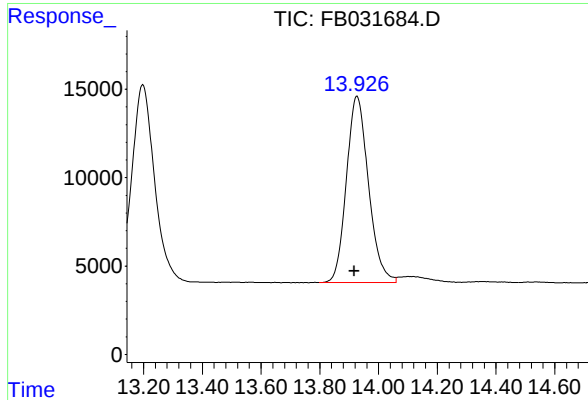
#7 Ethylbenzene

R.T.: 13.064 min
Delta R.T.: 0.008 min
Response: 276086
Conc: 7.73 ng/ml



#8 m-Xylene

R.T.: 13.198 min
Delta R.T.: 0.009 min
Response: 603771
Conc: 15.45 ng/ml



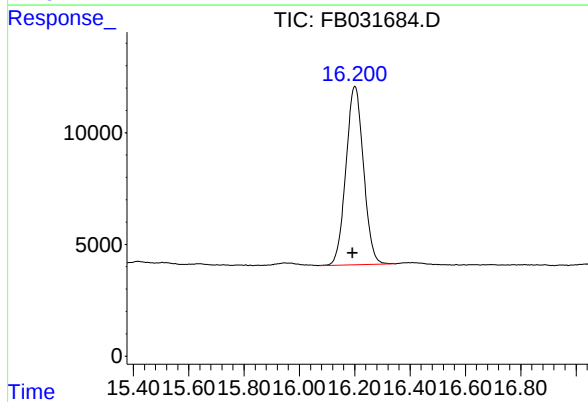
#9 O-Xylene

R.T.: 13.927 min
Delta R.T.: 0.010 min
Response: 550899
Conc: 14.95 ng/ml

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#10 1,2,4-Trimethylbenzene

R.T.: 16.201 min
Delta R.T.: 0.008 min
Response: 351148
Conc: 13.02 ng/ml