

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082625\
 Data File : FG016402.D
 Signal(s) : FID1A.ch
 Acq On : 26 Aug 2025 18:27
 Operator : YP\AJ
 Sample : Q2893-07
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/27/2025
 Supervised By :mohammad ahmed 08/28/2025

Integration File: autoint1.e
 Quant Time: Aug 27 04:18:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.193	2081694	21.850 ug/ml
Target Compounds			
2) N-DECANE	4.662	125572	1.162 ug/ml
3) N-DODECANE	6.843	118837	1.093 ug/ml
4) N-TETRADECANE	8.683	125815	1.151 ug/mlm
5) N-HEXADECANE	10.305	129023	1.187 ug/ml
6) N-OCTADECANE	11.758	138215	1.250 ug/ml
7) N-EICOSANE	13.078	143216	1.267 ug/ml
8) N-DOCOSANE	14.286	139100	1.266 ug/ml
10) N-TETRACOSANE	15.398	154223	1.408 ug/ml
11) N-HEXACOSANE	16.427	137825	1.289 ug/ml
12) N-OCTACOSANE	17.384	144136	1.338 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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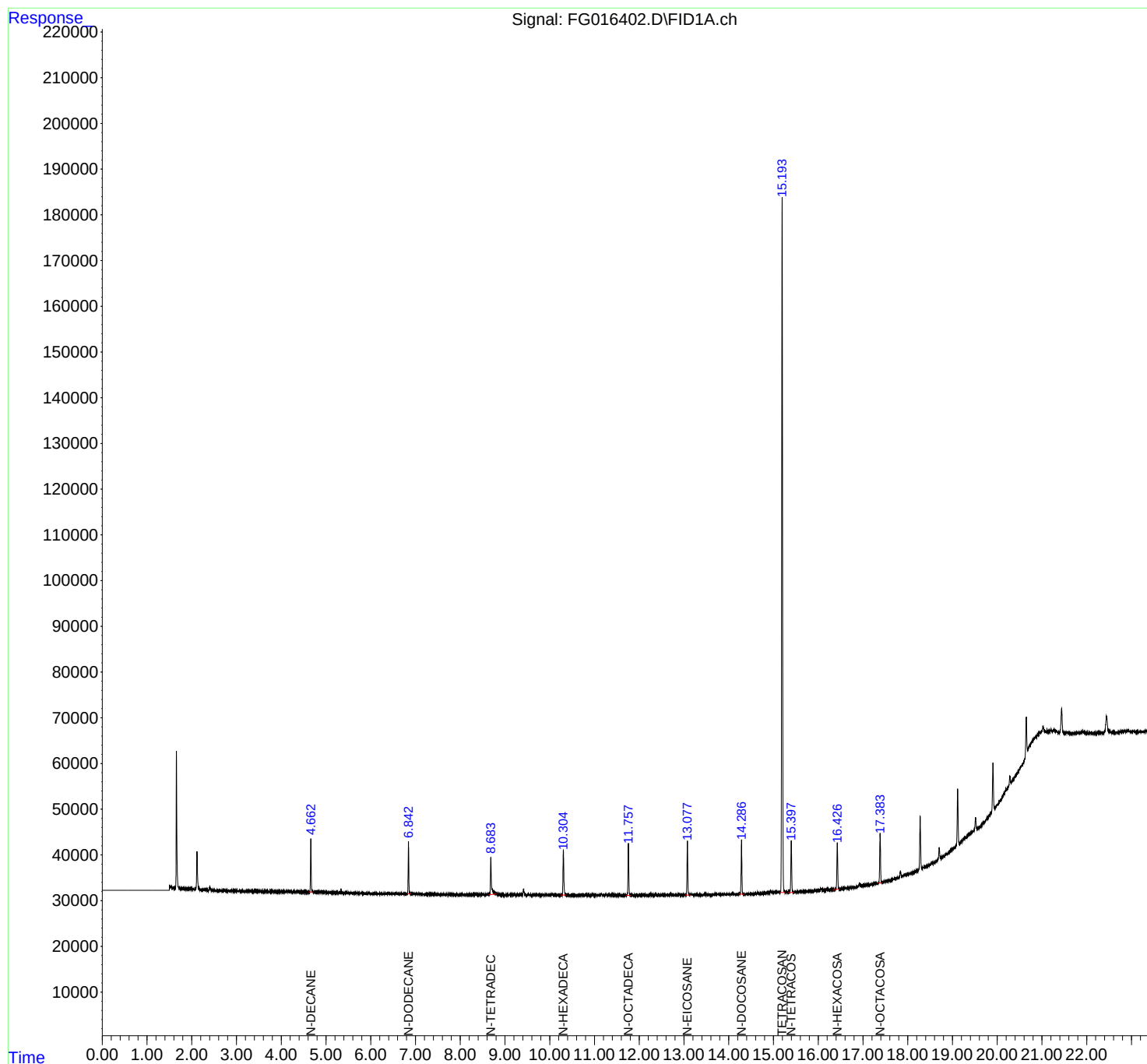
Instrument :
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ClientSampleId :

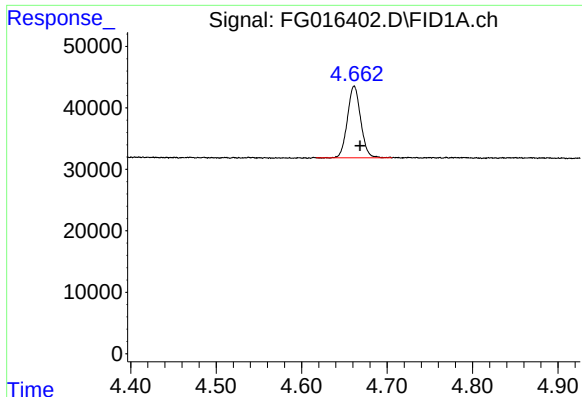
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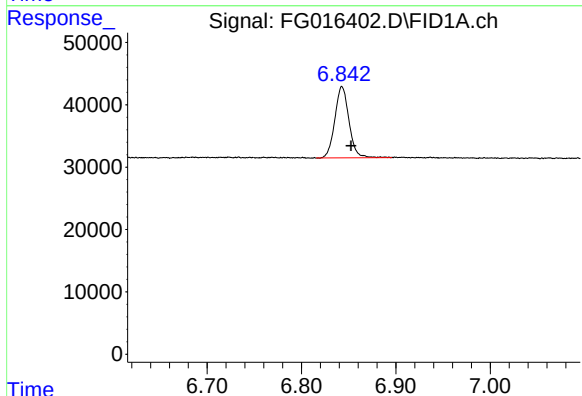
#2 N-DECANE

R.T.: 4.662 min
Delta R.T.: -0.007 min
Response: 125572
Conc: 1.16 ug/ml

Instrument :
FID_G
ClientSampleId :

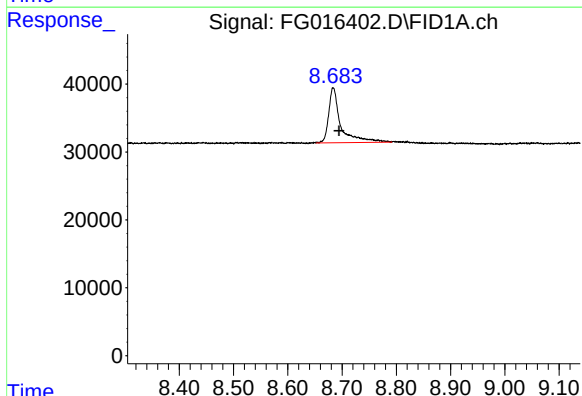
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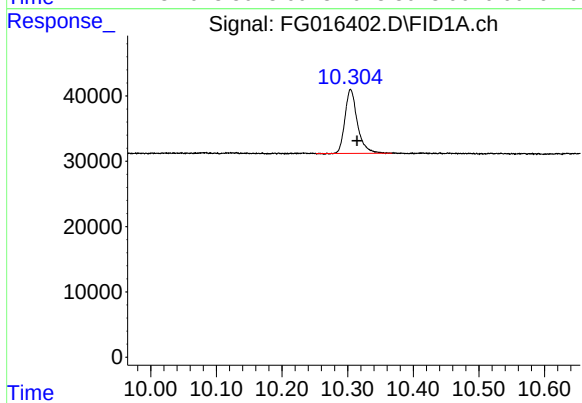
#3 N-DODECANE

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 118837
Conc: 1.09 ug/ml



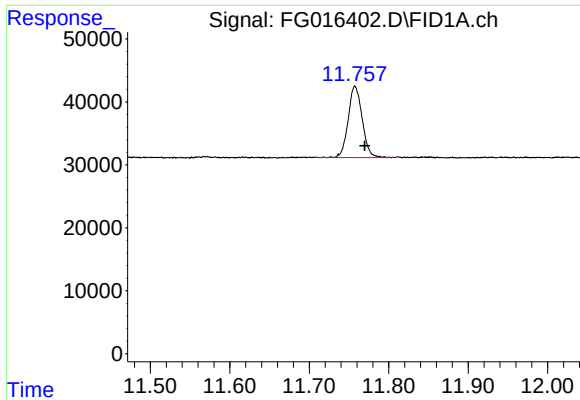
#4 N-TETRADECANE

R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 125815
Conc: 1.15 ug/ml m



#5 N-HEXADECANE

R.T.: 10.305 min
Delta R.T.: -0.010 min
Response: 129023
Conc: 1.19 ug/ml



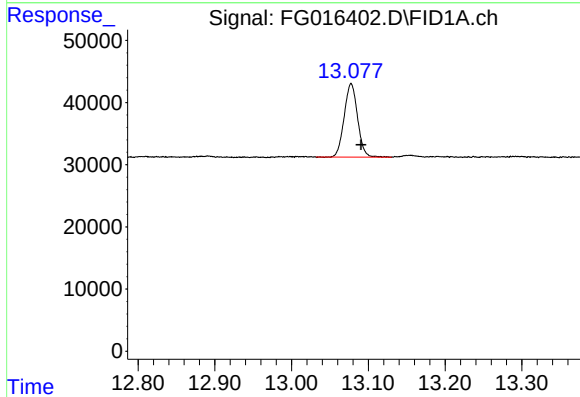
#6 N-OCTADECANE

R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 138215
Conc: 1.25 ug/ml

Instrument :
FID_G
ClientSampleId :

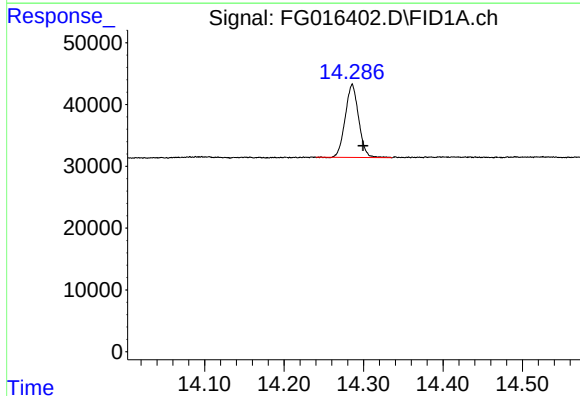
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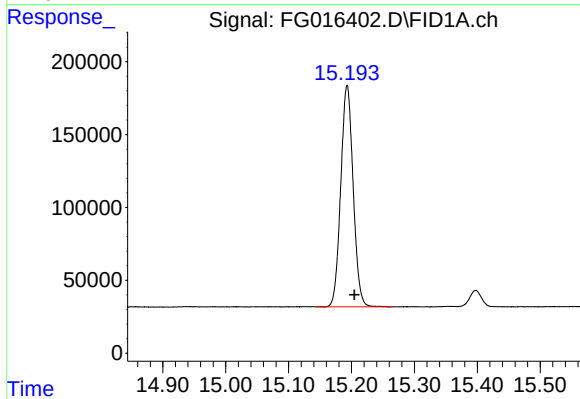
#7 N-EICOSANE

R.T.: 13.078 min
Delta R.T.: -0.013 min
Response: 143216
Conc: 1.27 ug/ml



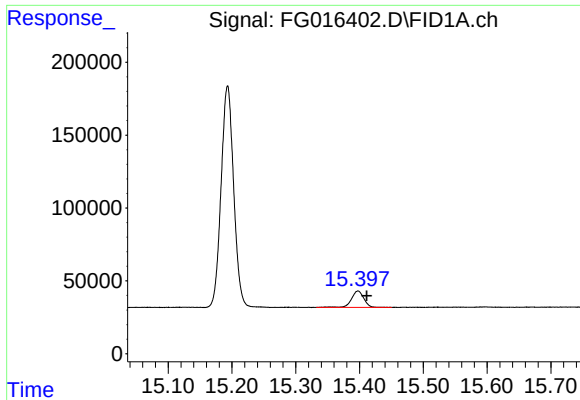
#8 N-DOCOSANE

R.T.: 14.286 min
Delta R.T.: -0.014 min
Response: 139100
Conc: 1.27 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.193 min
Delta R.T.: -0.012 min
Response: 2081694
Conc: 21.85 ug/ml



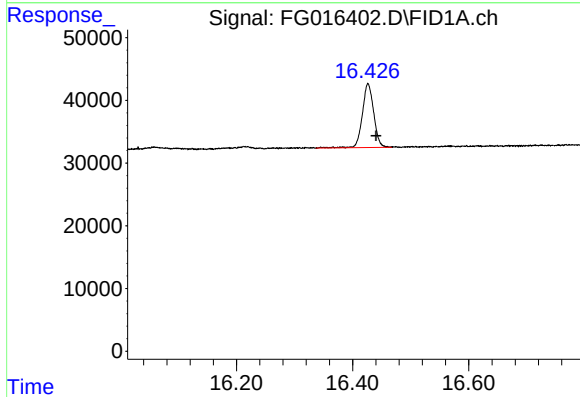
#10 N-TETRACOSANE

R.T.: 15.398 min
Delta R.T.: -0.014 min
Response: 154223
Conc: 1.41 ug/ml

Instrument :
FID_G
ClientSampleId :

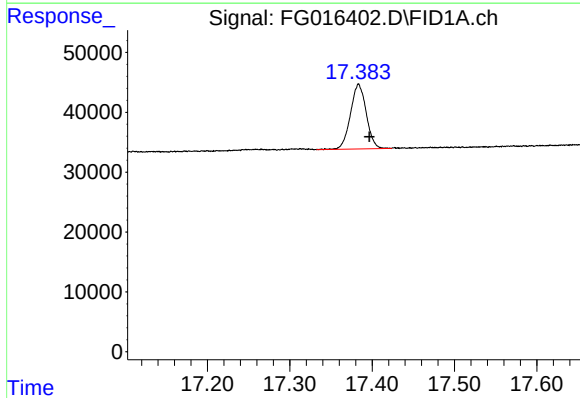
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#11 N-HEXACOSANE

R.T.: 16.427 min
Delta R.T.: -0.014 min
Response: 137825
Conc: 1.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.384 min
Delta R.T.: -0.013 min
Response: 144136
Conc: 1.34 ug/ml