

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016037.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 05:19
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2025
 Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e
 Quant Time: Jun 11 06:00:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.970	2211063	18.040 ug/ml
Target Compounds			
2) N-DECANE	4.476	92857	0.790 ug/mlm
3) N-DODECANE	6.659	98328	0.810 ug/mlm
4) N-TETRADECANE	8.497	102198	0.800 ug/mlm
5) N-HEXADECANE	10.109	97924	0.735 ug/mlm
6) N-OCTADECANE	11.554	108145	0.784 ug/ml
7) N-EICOSANE	12.866	129949	0.920 ug/ml
8) N-DOCOSANE	14.066	139018	1.012 ug/ml
10) N-TETRACOSANE	15.173	151972	1.105 ug/mlm
11) N-HEXACOSANE	16.198	148165	1.091 ug/ml
12) N-OCTACOSANE	17.150	161147	1.195 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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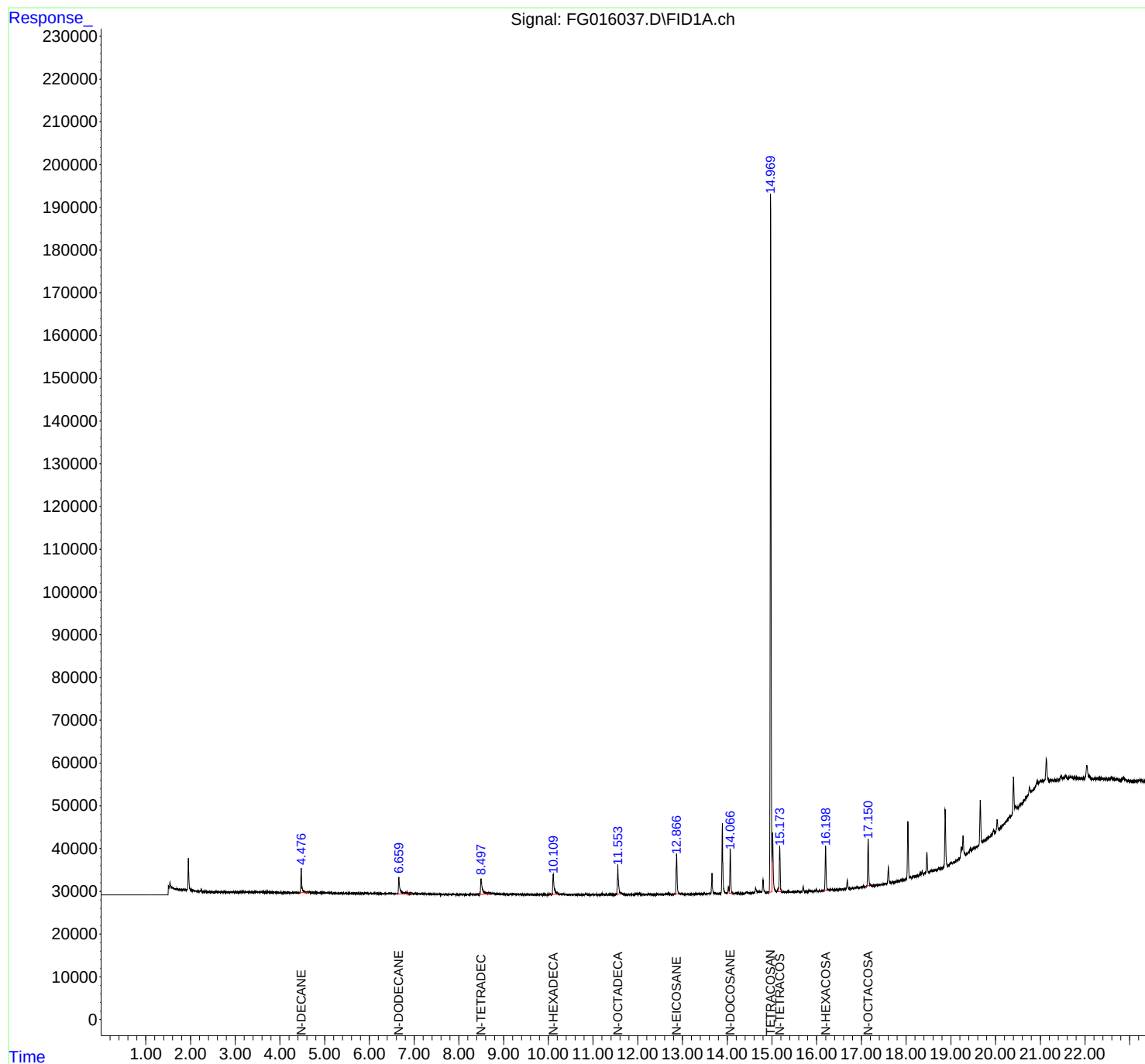
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LOD-MDL-WATER-01-QT2-2025

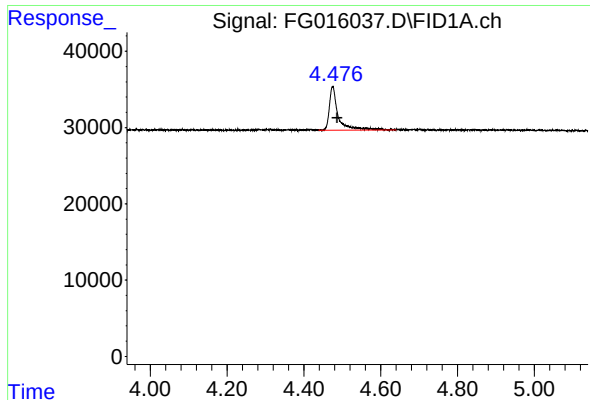
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Signal Info : 20mx0.18mmx0.18um





#2 N-DECANE

R.T.: 4.476 min
Delta R.T.: -0.011 min
Response: 92857
Conc: 0.79 ug/ml

Instrument :

FID_G

ClientSampleId :

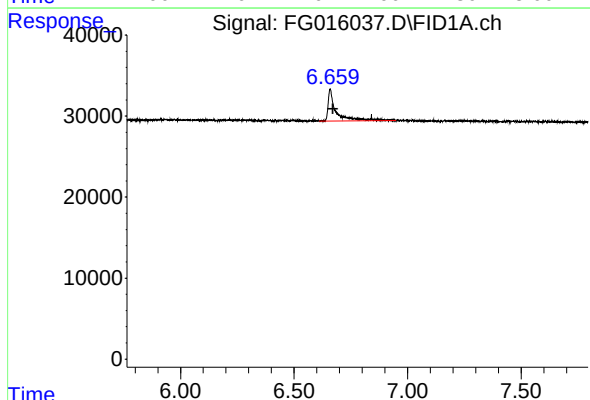
LOD-MDL-WATER-01-QT2-2025

Manual Integrations

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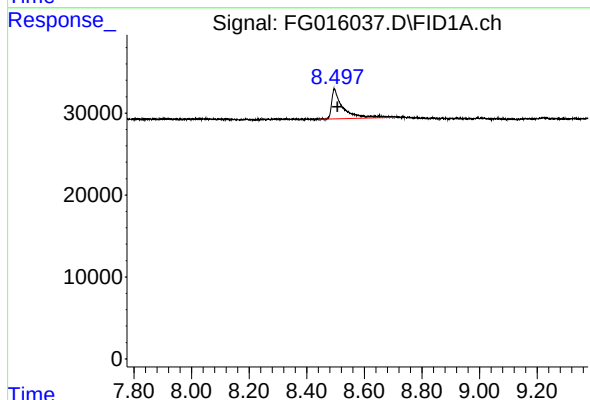
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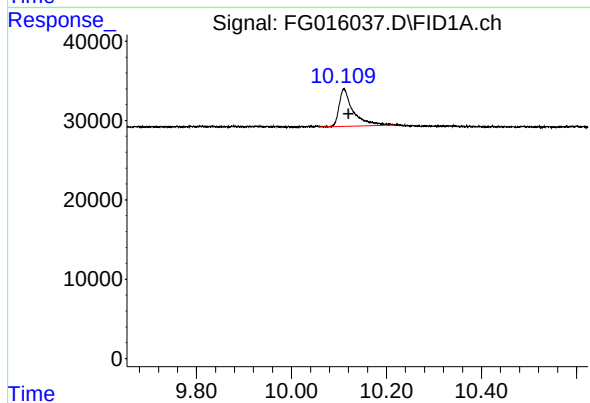
#3 N-DODECANE

R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 98328
Conc: 0.81 ug/ml m



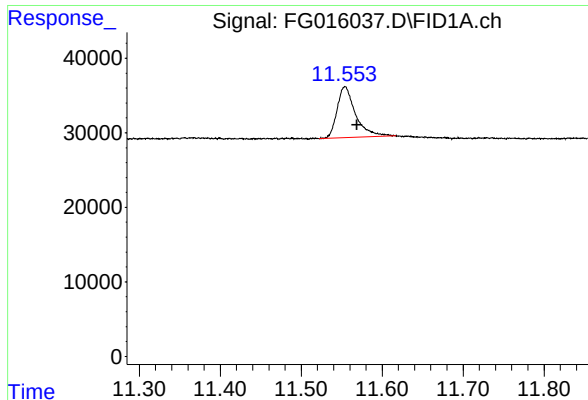
#4 N-TETRADECANE

R.T.: 8.497 min
Delta R.T.: -0.010 min
Response: 102198
Conc: 0.80 ug/ml m



#5 N-HEXADECANE

R.T.: 10.109 min
Delta R.T.: -0.011 min
Response: 97924
Conc: 0.74 ug/ml m



#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.014 min
Response: 108145
Conc: 0.78 ug/ml

Instrument :

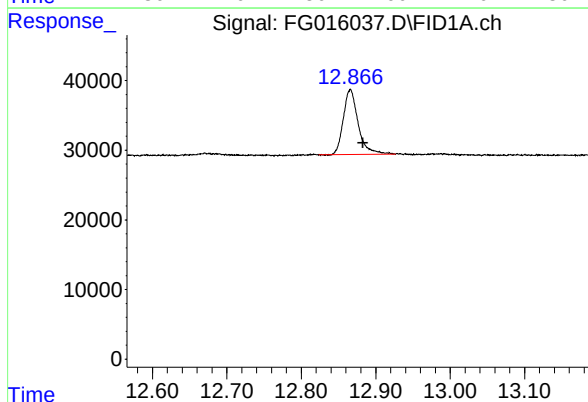
FID_G

ClientSampleId :

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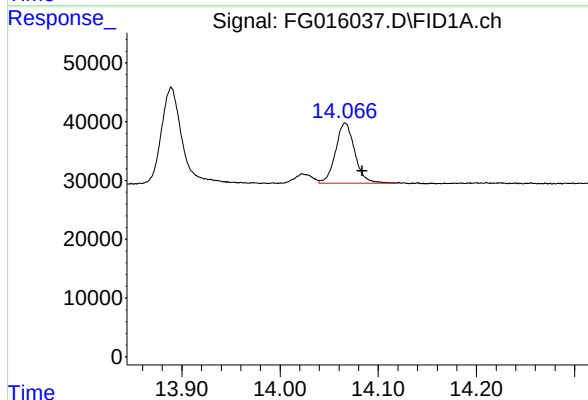
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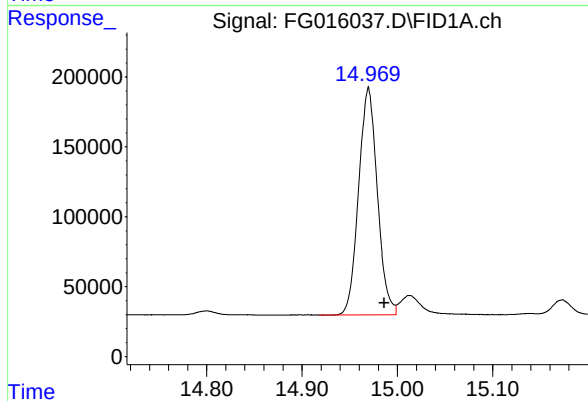
#7 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.017 min
Response: 129949
Conc: 0.92 ug/ml



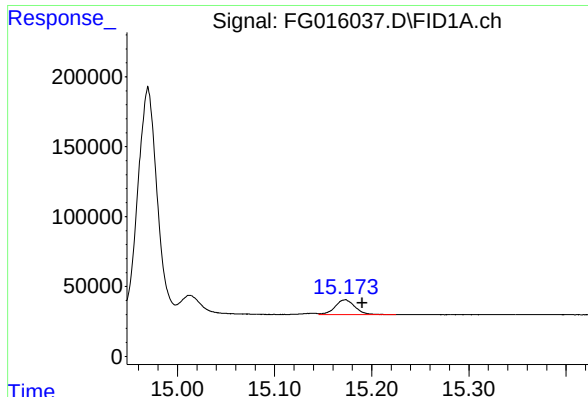
#8 N-DOCOSANE

R.T.: 14.066 min
Delta R.T.: -0.017 min
Response: 139018
Conc: 1.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.970 min
Delta R.T.: -0.017 min
Response: 2211063
Conc: 18.04 ug/ml



#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: -0.017 min
Response: 151972
Conc: 1.11 ug/ml

Instrument :

FID_G

ClientSampleId :

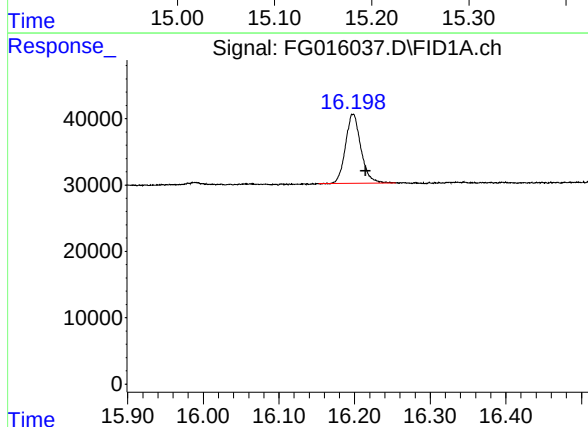
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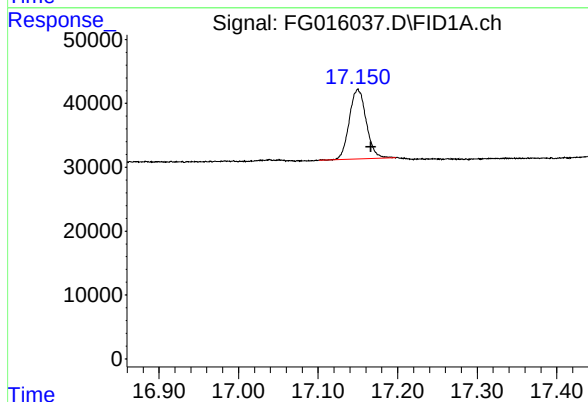
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#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: -0.017 min
Response: 148165
Conc: 1.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.016 min
Response: 161147
Conc: 1.20 ug/ml