

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016038.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 05:48
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 81 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 06:50:45 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...	14.969	2180674	17.793 ug/ml
Target Compounds			
2) N-DECANE	4.474	234818	1.998 ug/mlm
3) N-DODECANE	6.656	227014	1.870 ug/mlm
4) N-TETRADECANE	8.494	236761	1.854 ug/ml
5) N-HEXADECANE	10.108	264271	1.984 ug/ml
6) N-OCTADECANE	11.553	294986	2.137 ug/ml
7) N-EICOSANE	12.866	312210	2.210 ug/ml
8) N-DOCOSANE	14.066	308915	2.249 ug/ml
10) N-TETRACOSANE	15.173	313412	2.280 ug/ml
11) N-HEXACOSANE	16.198	307610	2.264 ug/ml
12) N-OCTACOSANE	17.150	322305	2.391 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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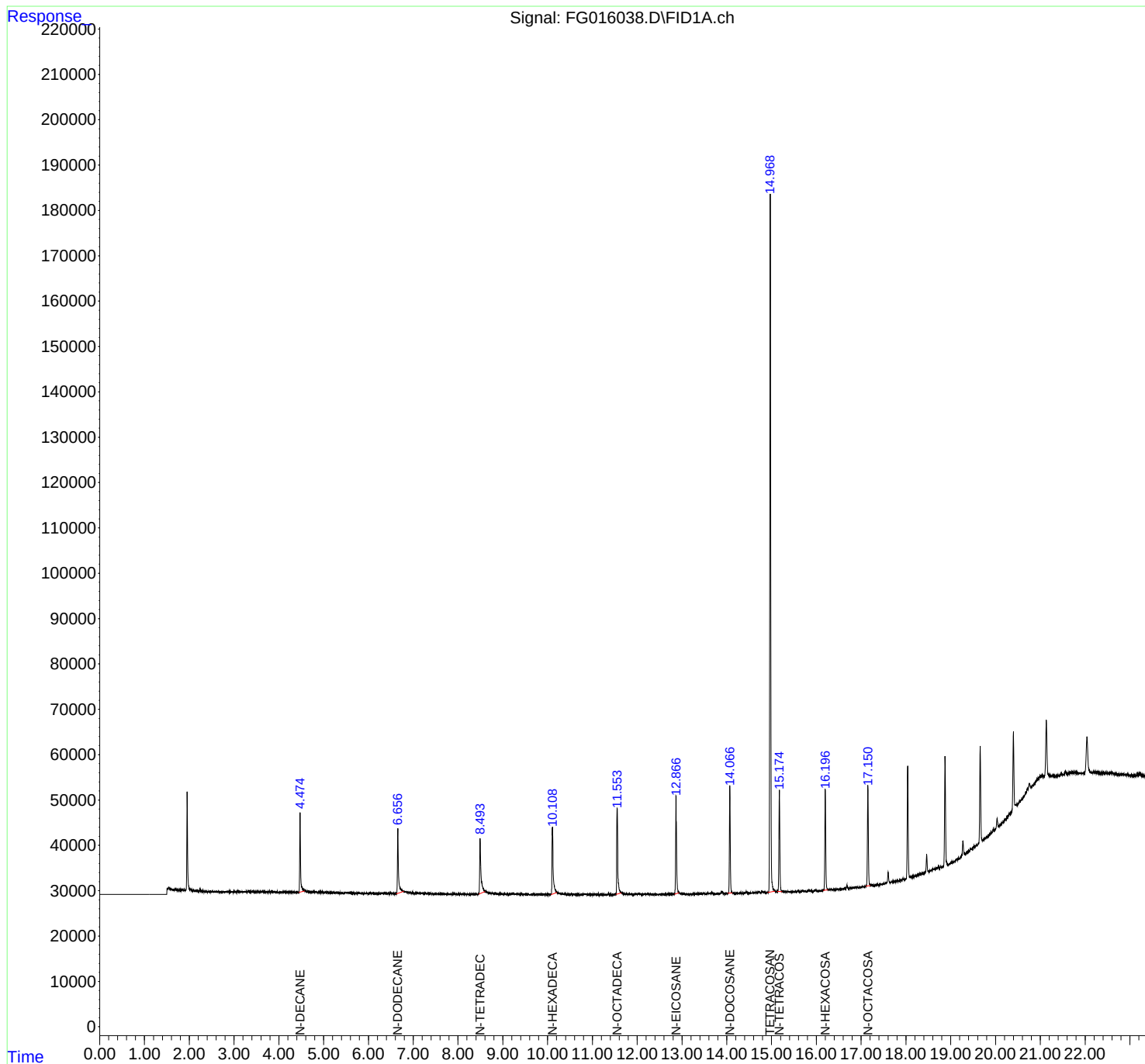
Instrument :
FID_G
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LOD-MDL-WATER-01-QT2-2025

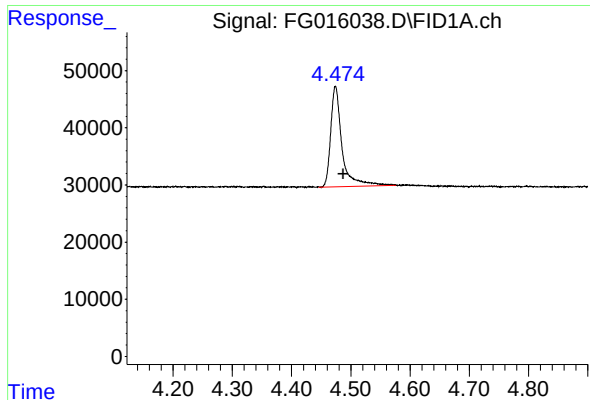
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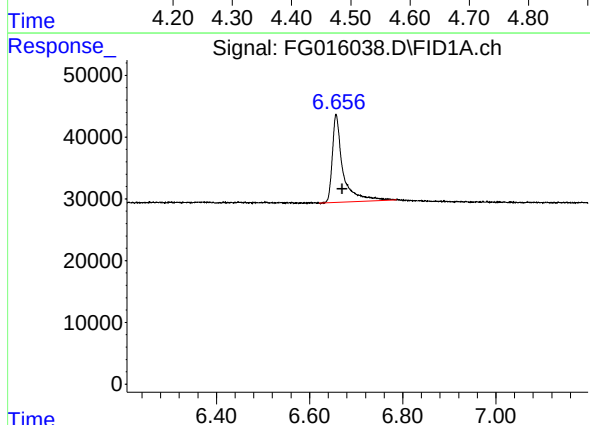
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 234818
Conc: 2.00 ug/ml

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

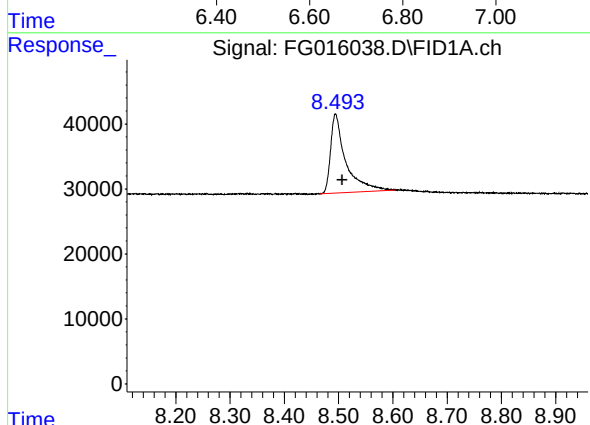
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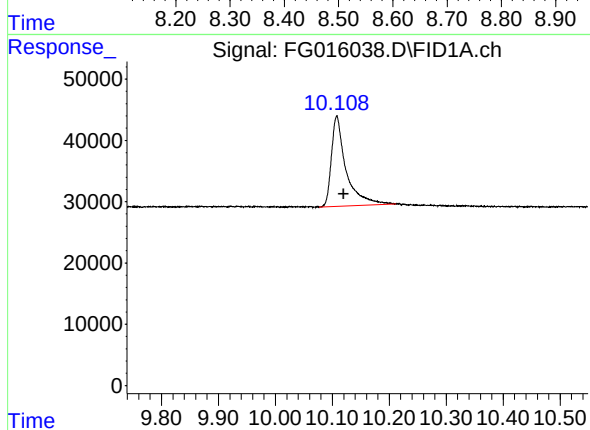
#3 N-DODECANE

R.T.: 6.656 min
Delta R.T.: -0.014 min
Response: 227014
Conc: 1.87 ug/ml m



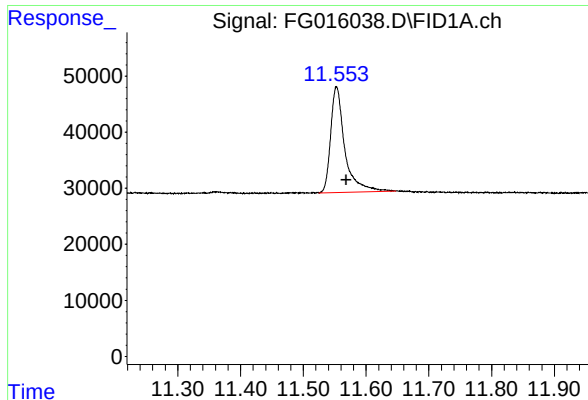
#4 N-TETRADECANE

R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 236761
Conc: 1.85 ug/ml



#5 N-HEXADECANE

R.T.: 10.108 min
Delta R.T.: -0.012 min
Response: 264271
Conc: 1.98 ug/ml



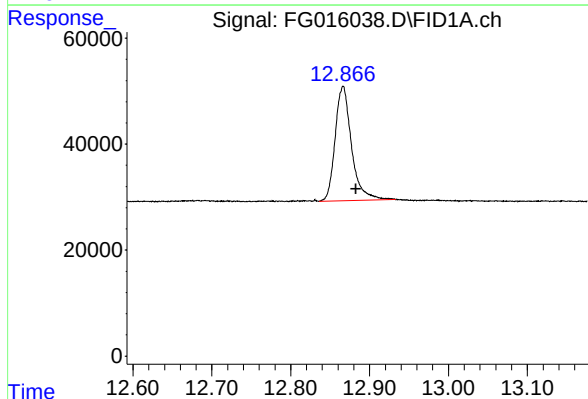
#6 N-OCTADECANE

R.T.: 11.553 min
Delta R.T.: -0.016 min
Response: 294986
Conc: 2.14 ug/ml

Instrument :
FID_G
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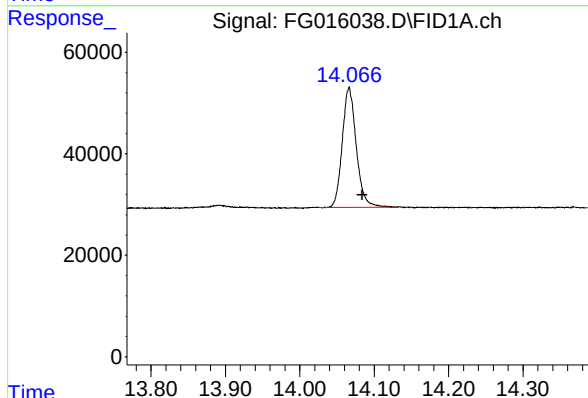
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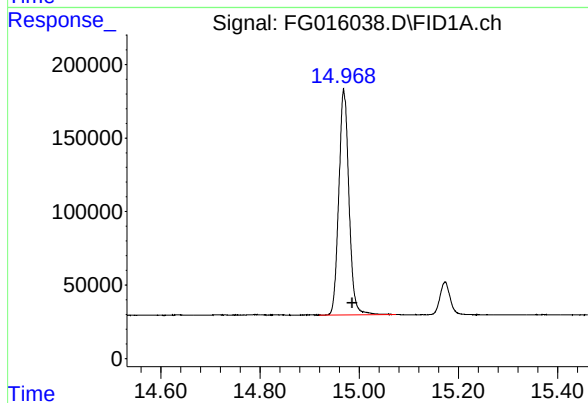
#7 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.016 min
Response: 312210
Conc: 2.21 ug/ml



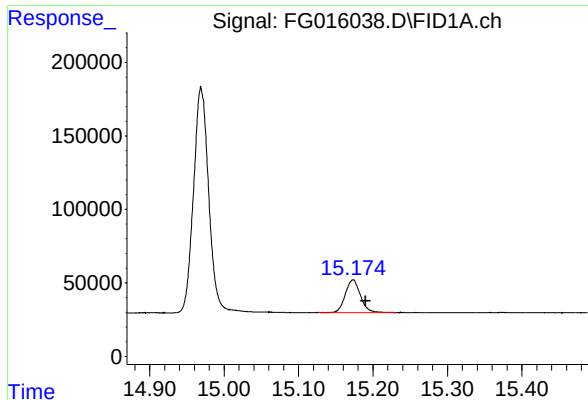
#8 N-DOCOSANE

R.T.: 14.066 min
Delta R.T.: -0.018 min
Response: 308915
Conc: 2.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.969 min
Delta R.T.: -0.017 min
Response: 2180674
Conc: 17.79 ug/ml



#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: -0.017 min
Response: 313412
Conc: 2.28 ug/ml

Instrument :

FID_G

ClientSampleId :

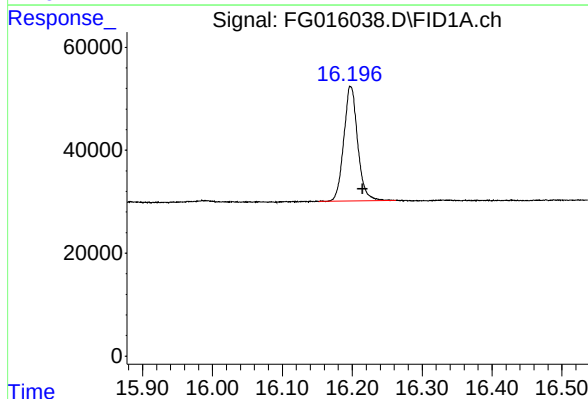
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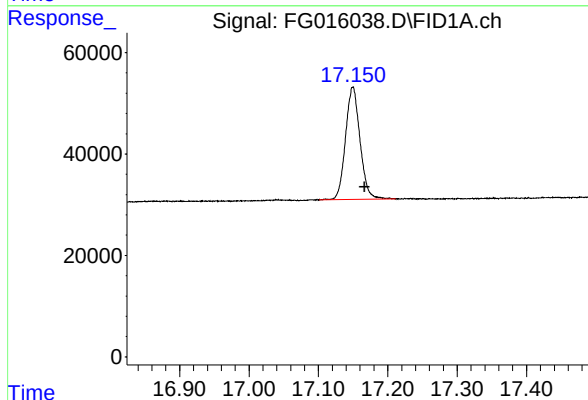
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#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: -0.017 min
Response: 307610
Conc: 2.26 ug/ml



#12 N-OCTACOSANE

R.T.: 17.150 min
Delta R.T.: -0.017 min
Response: 322305
Conc: 2.39 ug/ml