

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016974.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 18:30
 Operator : YP\AJ
 Sample : Q3530-07
 Misc : LOD-MDL-WATER-0.05 ML-QT4-2025
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/26/2025
 Supervised By :mohammad ahmed 11/27/2025

Integration File: autoint1.e
 Quant Time: Nov 26 04:59:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:18:34 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...	15.140	1887721	17.548 ug/ml
Target Compounds			
2) N-DECANE	4.619	89499	0.774 ug/ml
3) N-DODECANE	6.804	48095	0.413 ug/ml
4) N-TETRADECANE	8.674	27267	0.239 ug/mlm
5) N-HEXADECANE	10.276	64461	0.561 ug/mlm
6) N-OCTADECANE	11.720	75251	0.619 ug/ml
7) N-EICOSANE	13.034	99684	0.792 ug/ml
8) N-DOCOSANE	14.238	112650	0.915 ug/ml
10) N-TETRACOSANE	15.348	127622	1.044 ug/ml
11) N-HEXACOSANE	16.386	86368	0.731 ug/ml
12) N-OCTACOSANE	17.342	94870	0.802 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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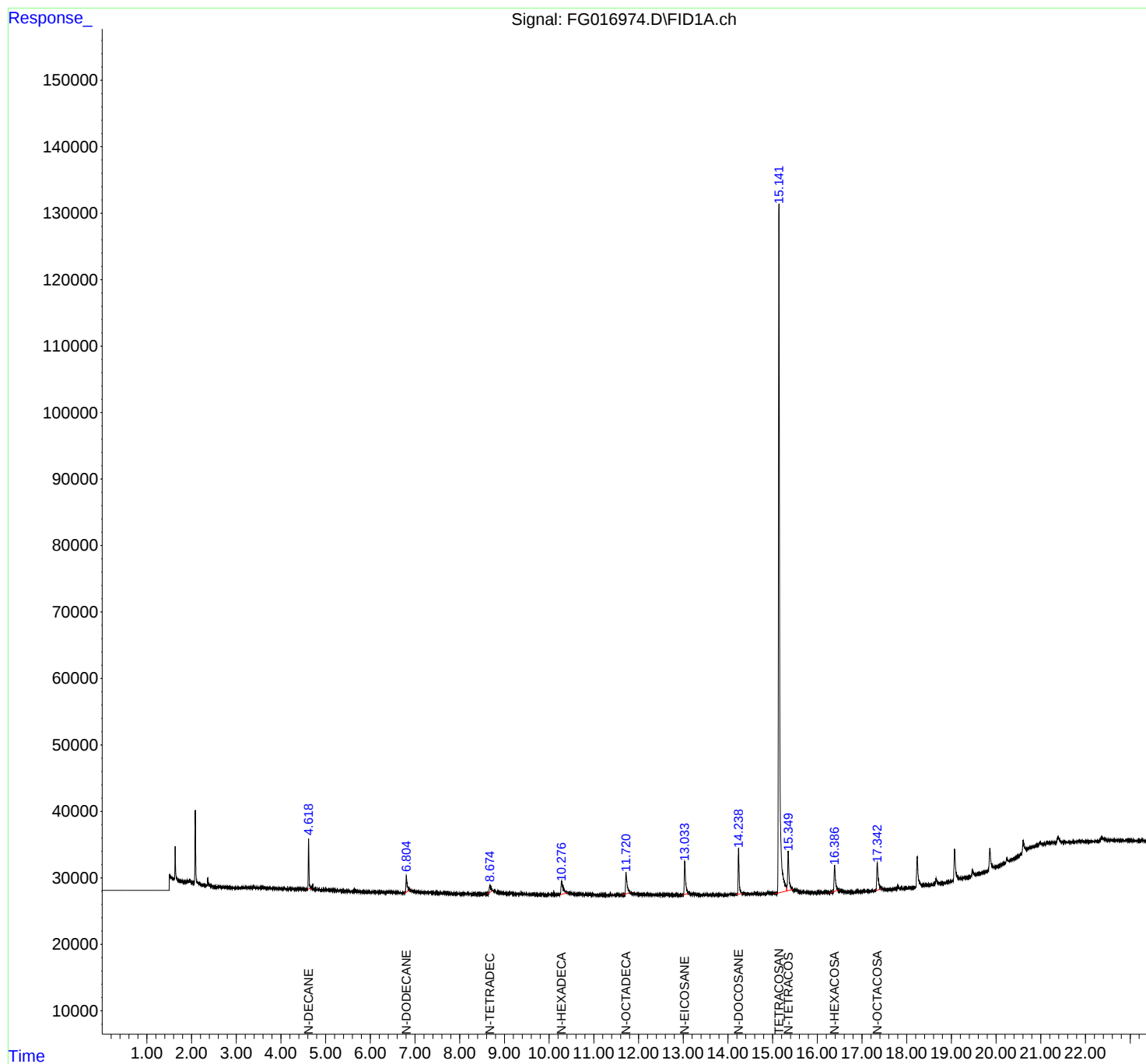
Instrument :
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LOD-MDL-WATER-01-QT4-2025

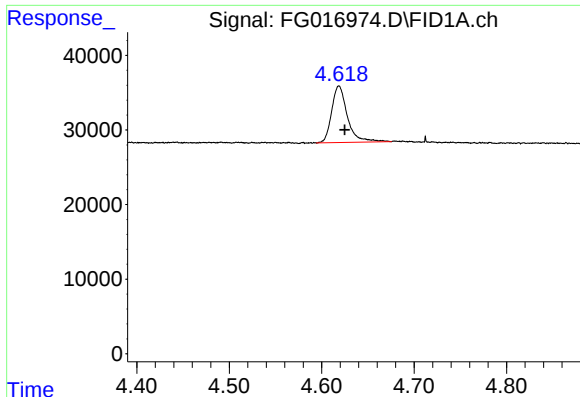
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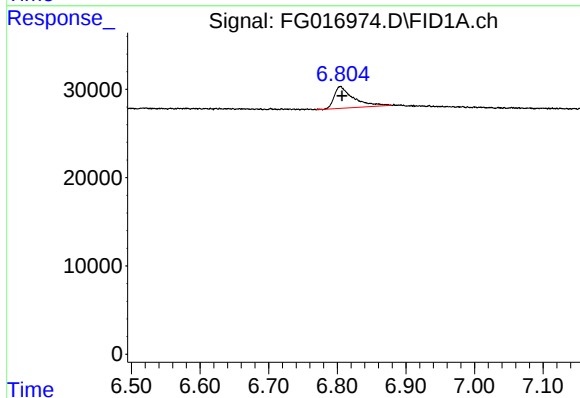
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: -0.006 min
Response: 89499
Conc: 0.77 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2025

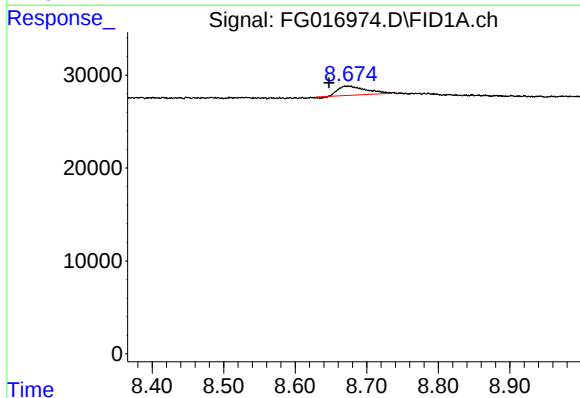
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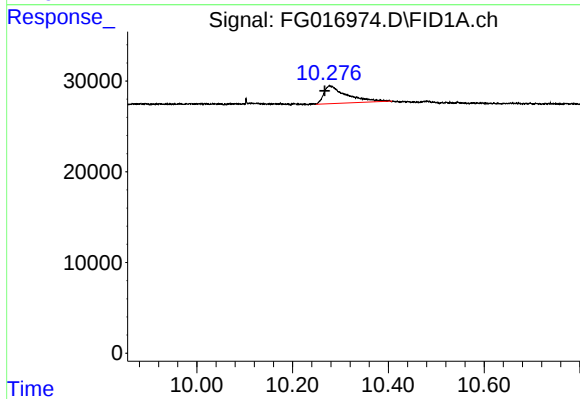
#3 N-DODECANE

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 48095
Conc: 0.41 ug/ml



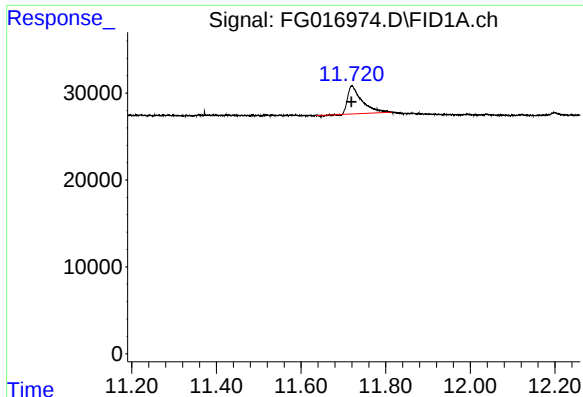
#4 N-TETRADECANE

R.T.: 8.674 min
Delta R.T.: 0.027 min
Response: 27267
Conc: 0.24 ug/ml m



#5 N-HEXADECANE

R.T.: 10.276 min
Delta R.T.: 0.009 min
Response: 64461
Conc: 0.56 ug/ml m



#6 N-OCTADECANE

R.T.: 11.720 min
Delta R.T.: 0.001 min
Response: 75251
Conc: 0.62 ug/ml

Instrument :

FID_G

ClientSampleId :

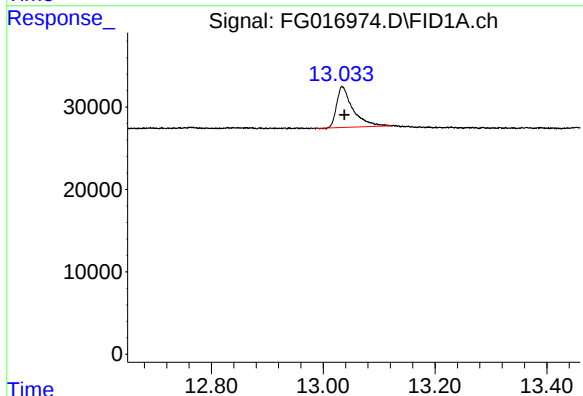
LOD-MDL-WATER-01-QT4-2025

Manual Integrations

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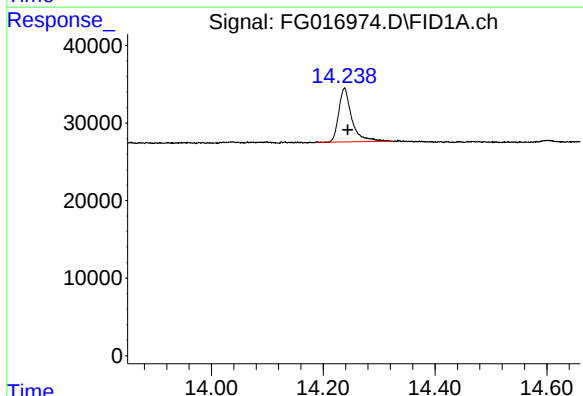
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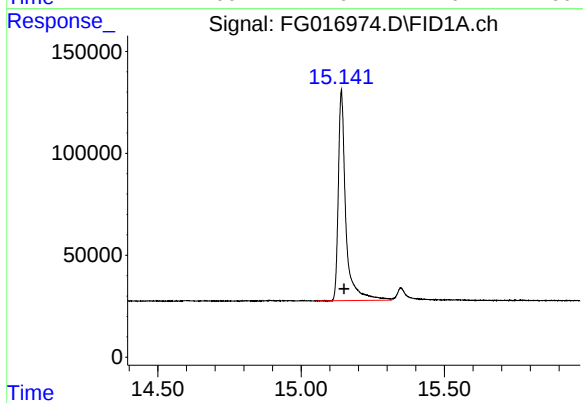
#7 N-EICOSANE

R.T.: 13.034 min
Delta R.T.: -0.004 min
Response: 99684
Conc: 0.79 ug/ml



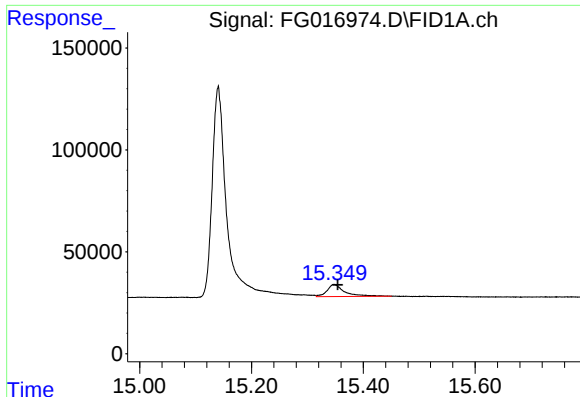
#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: -0.006 min
Response: 112650
Conc: 0.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.140 min
Delta R.T.: -0.009 min
Response: 1887721
Conc: 17.55 ug/ml



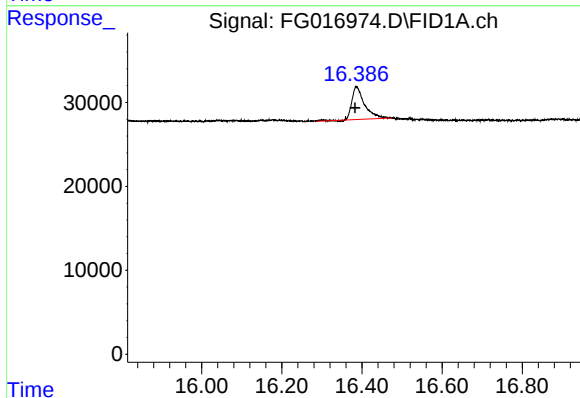
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: -0.007 min
Response: 127622
Conc: 1.04 ug/ml

Instrument :
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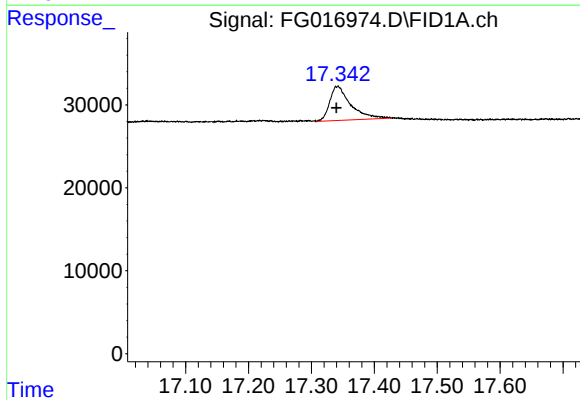
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#11 N-HEXACOSANE

R.T.: 16.386 min
Delta R.T.: 0.003 min
Response: 8636
Conc: 0.73 ug/ml



#12 N-OCTACOSANE

R.T.: 17.342 min
Delta R.T.: 0.002 min
Response: 94870
Conc: 0.80 ug/ml