

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG112125\
 Data File : FG016970.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2025 16:32
 Operator : YP\AJ
 Sample : Q3530-01
 Misc : LOD-MDL-SOIL-0.05 ML-QT4-2025
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-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 04:58:19 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...	15.141	1906674	17.724 ug/ml
Target Compounds			
2) N-DECANE	4.618	96243	0.833 ug/ml
3) N-DODECANE	6.804	50884	0.437 ug/ml
4) N-TETRADECANE	8.671	31165	0.273 ug/mlm
5) N-HEXADECANE	10.279	48860	0.425 ug/ml
6) N-OCTADECANE	11.721	83721	0.688 ug/ml
7) N-EICOSANE	13.035	102056	0.810 ug/ml
8) N-DOCOSANE	14.238	111878	0.909 ug/ml
10) N-TETRACOSANE	15.348	134842	1.103 ug/ml
11) N-HEXACOSANE	16.387	98836	0.837 ug/ml
12) N-OCTACOSANE	17.340	101211	0.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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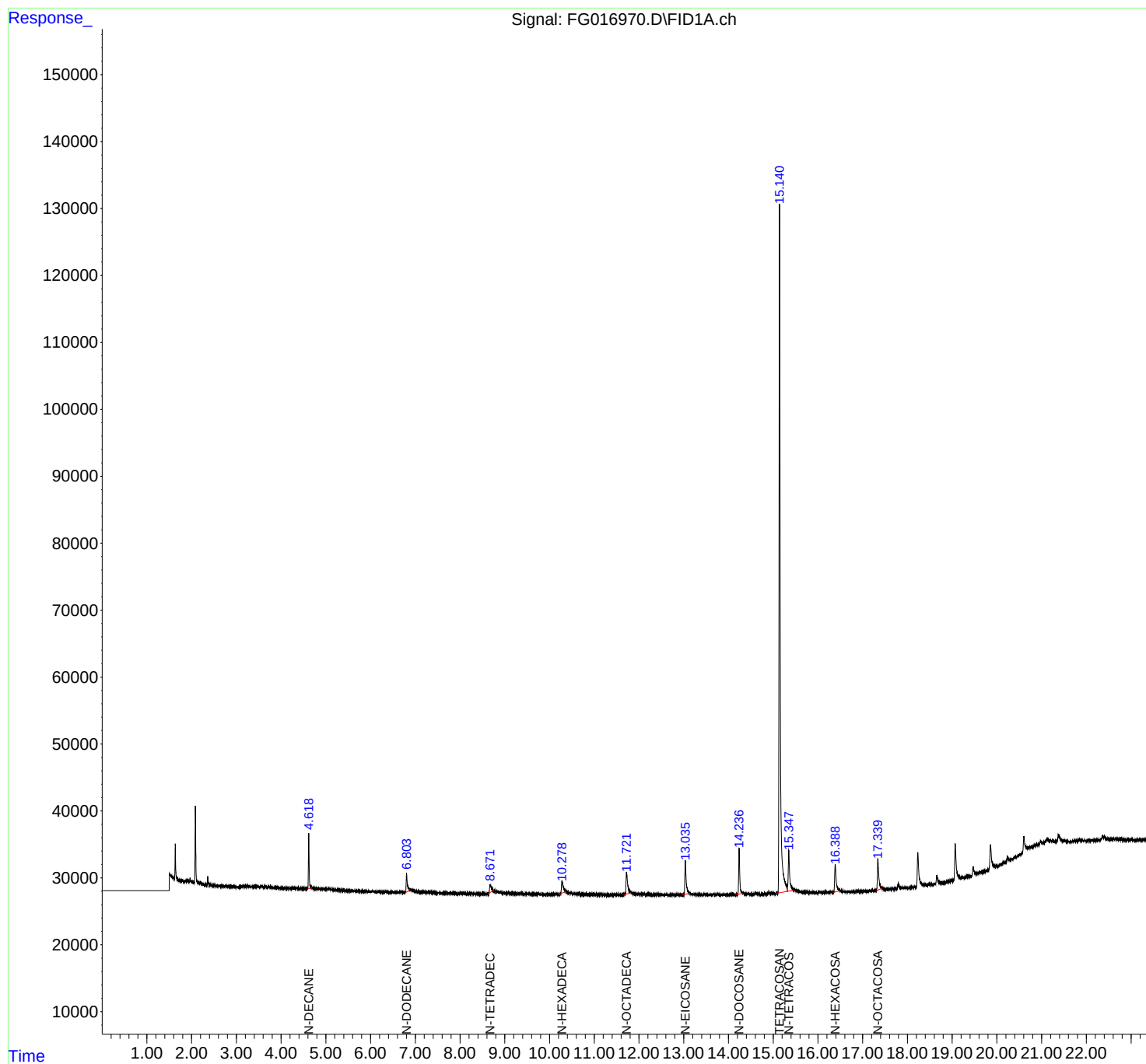
Instrument :
FID_G
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LOD-MDL-SOIL-01-QT4-2025

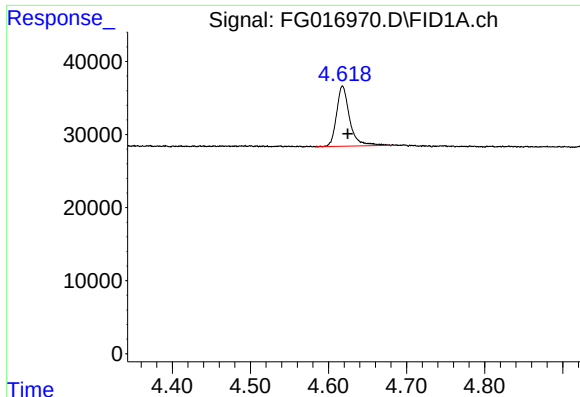
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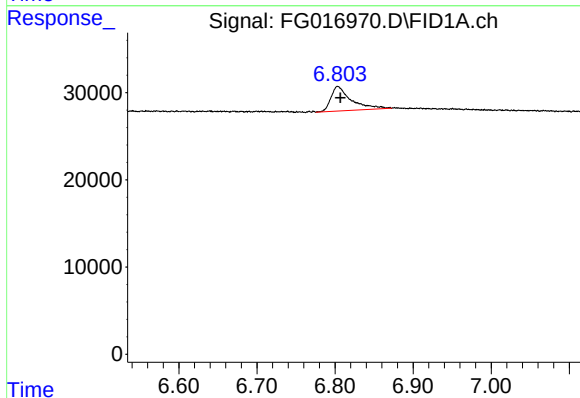
#2 N-DECANE

R.T.: 4.618 min
Delta R.T.: -0.007 min
Response: 96243
Conc: 0.83 ug/ml

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

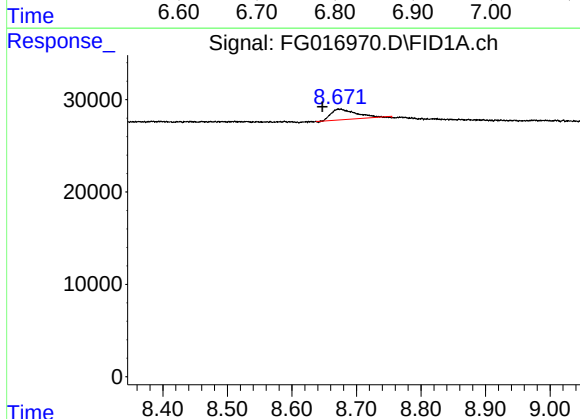
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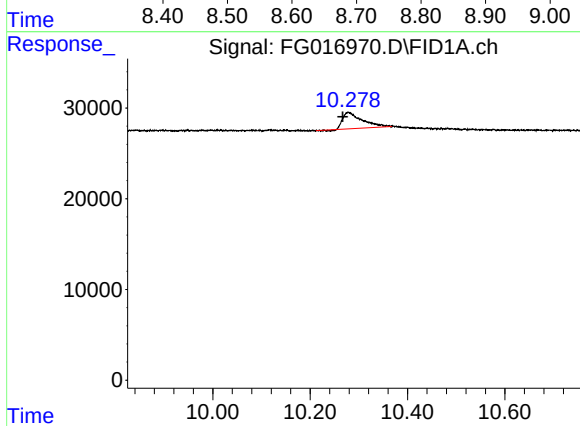
#3 N-DODECANE

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 50884
Conc: 0.44 ug/ml



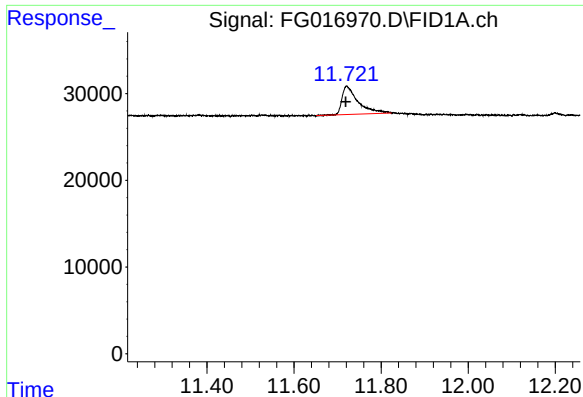
#4 N-TETRADECANE

R.T.: 8.671 min
Delta R.T.: 0.023 min
Response: 31165
Conc: 0.27 ug/ml m



#5 N-HEXADECANE

R.T.: 10.279 min
Delta R.T.: 0.012 min
Response: 48860
Conc: 0.43 ug/ml



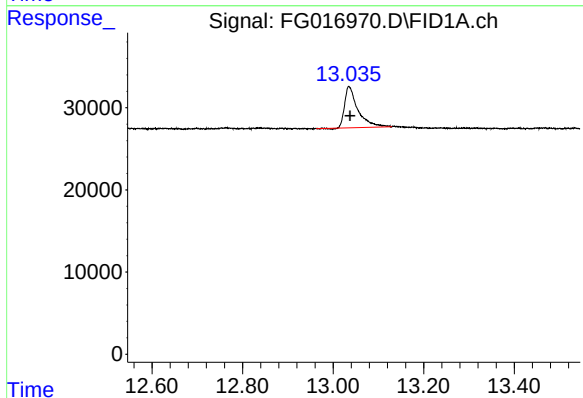
#6 N-OCTADECANE

R.T.: 11.721 min
Delta R.T.: 0.002 min
Response: 83721
Conc: 0.69 ug/ml

Instrument :
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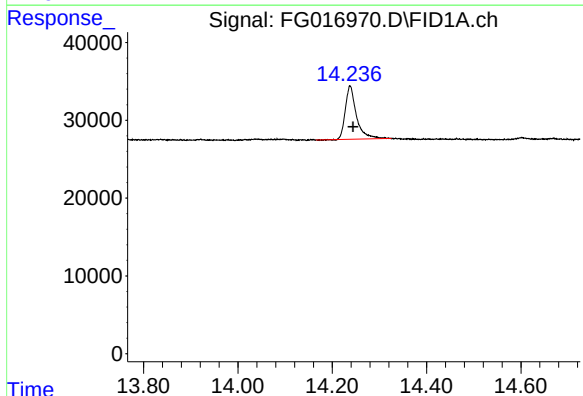
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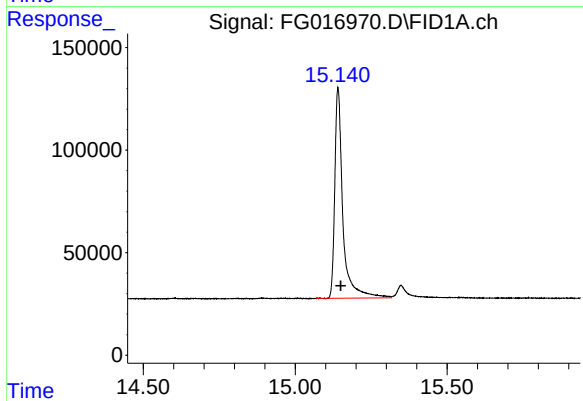
#7 N-EICOSANE

R.T.: 13.035 min
Delta R.T.: -0.002 min
Response: 102056
Conc: 0.81 ug/ml



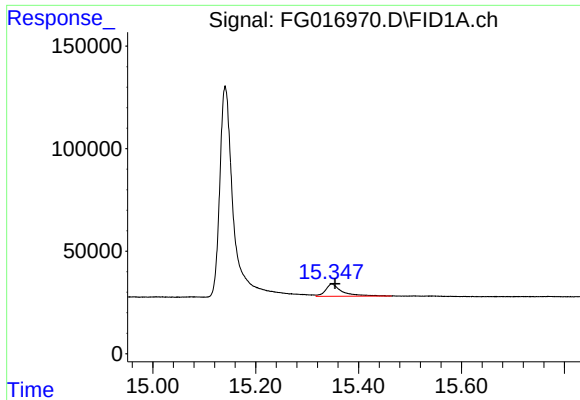
#8 N-DOCOSANE

R.T.: 14.238 min
Delta R.T.: -0.006 min
Response: 111878
Conc: 0.91 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.141 min
Delta R.T.: -0.009 min
Response: 1906674
Conc: 17.72 ug/ml



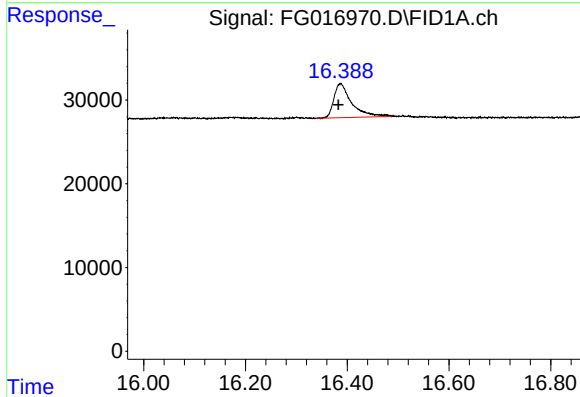
#10 N-TETRACOSANE

R.T.: 15.348 min
Delta R.T.: -0.006 min
Response: 134842
Conc: 1.10 ug/ml

Instrument :
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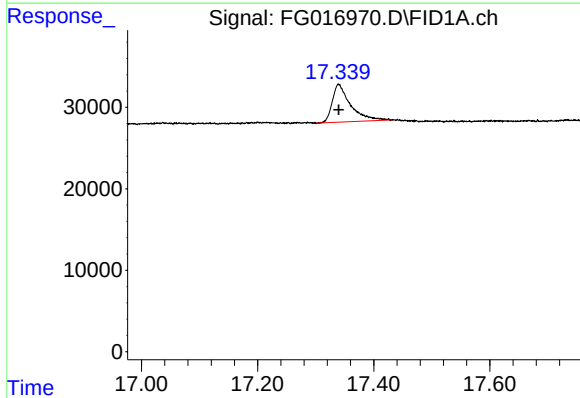
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#11 N-HEXACOSANE

R.T.: 16.387 min
Delta R.T.: 0.004 min
Response: 98836
Conc: 0.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.340 min
Delta R.T.: 0.000 min
Response: 101211
Conc: 0.86 ug/ml