

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061125\
 Data File : FG016047.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 13:15
 Operator : YP\AJ
 Sample : Q2126-03
 Misc : 1 PPM SOIL MDL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/12/2025
 Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e
 Quant Time: Jun 12 02:13:49 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	1810877	14.775 ug/ml
Target Compounds			
2) N-DECANE	4.474	84917	0.723 ug/mlm
3) N-DODECANE	6.660	86664	0.714 ug/mlm
4) N-TETRADECANE	8.507	96523	0.756 ug/mlm
5) N-HEXADECANE	10.115	98089	0.736 ug/mlm
6) N-OCTADECANE	11.557	99570	0.721 ug/mlm
7) N-EICOSANE	12.868	103224	0.731 ug/ml
8) N-DOCOSANE	14.067	105523	0.768 ug/ml
10) N-TETRACOSANE	15.173	109715	0.798 ug/ml
11) N-HEXACOSANE	16.200	102962	0.758 ug/ml
12) N-OCTACOSANE	17.152	109922	0.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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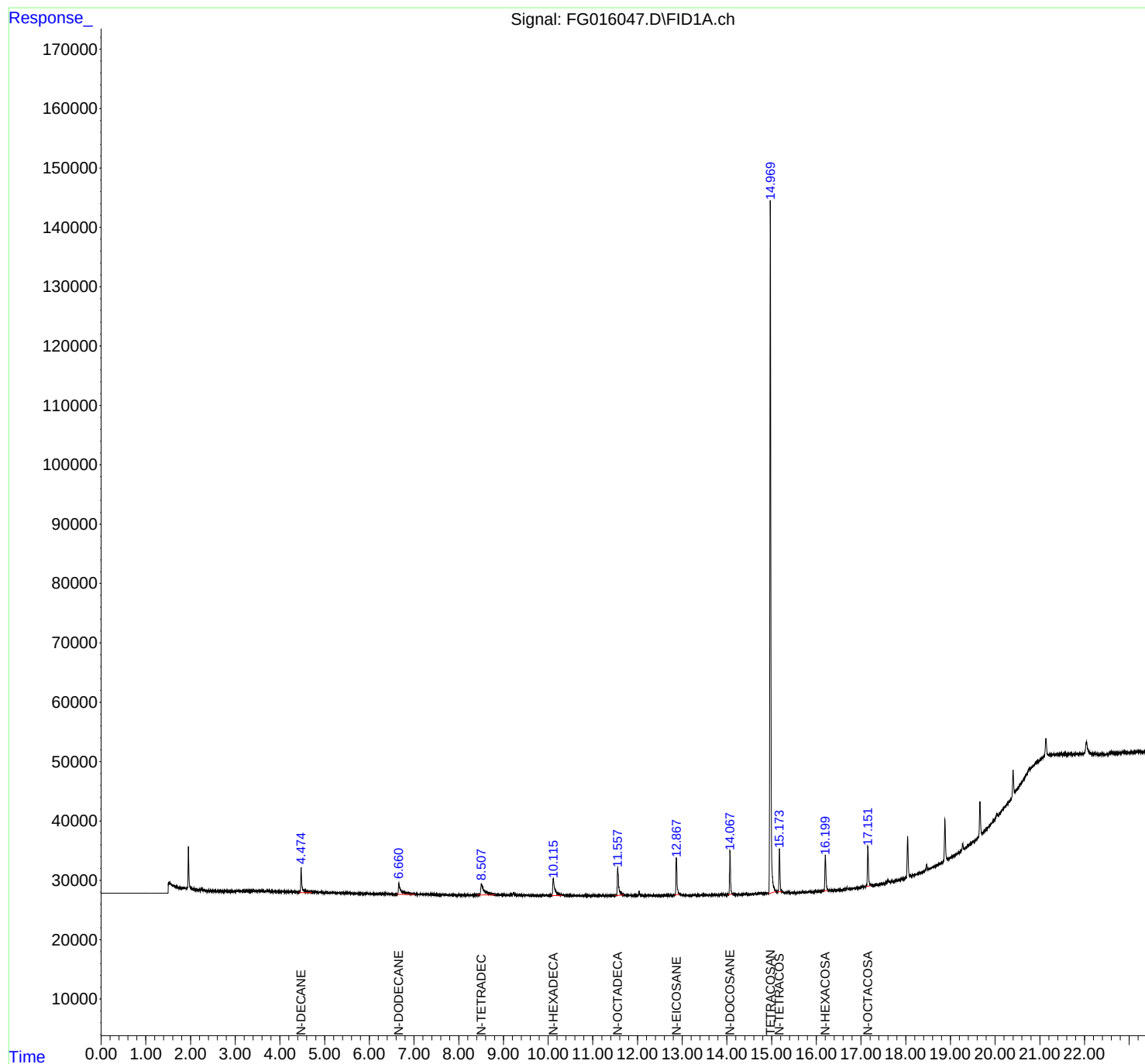
Instrument :
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MDL-SOIL-03-QT2-2025

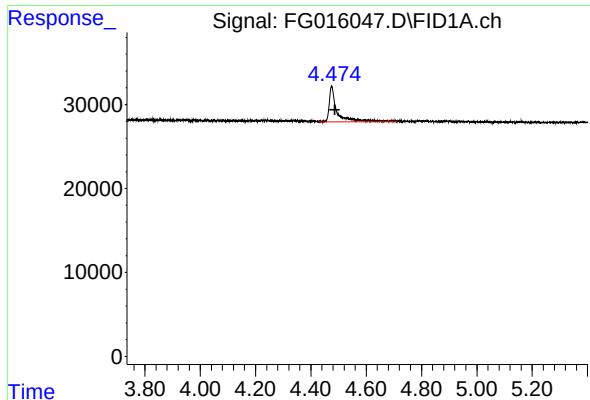
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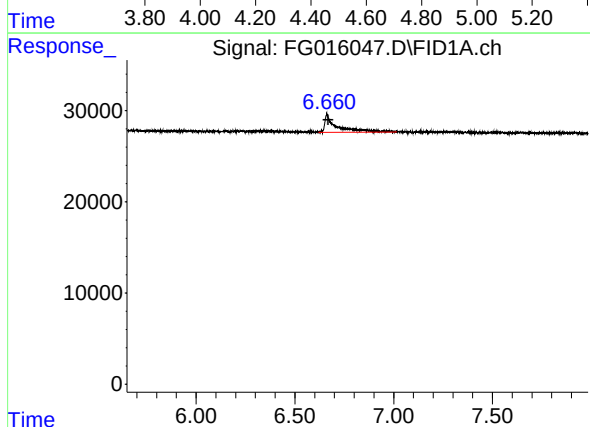
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 84917
Conc: 0.72 ug/ml

Instrument :
FID_G
ClientSampleId :
MDL-SOIL-03-QT2-2025

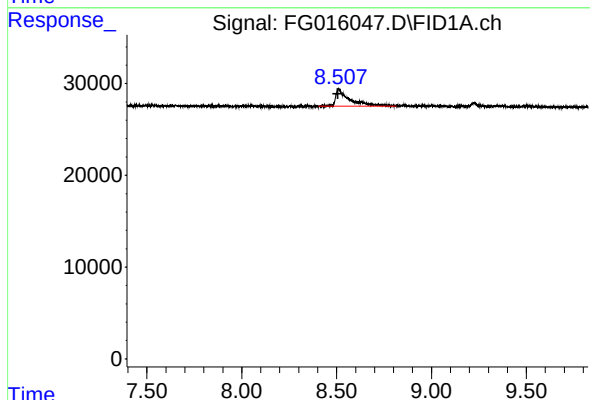
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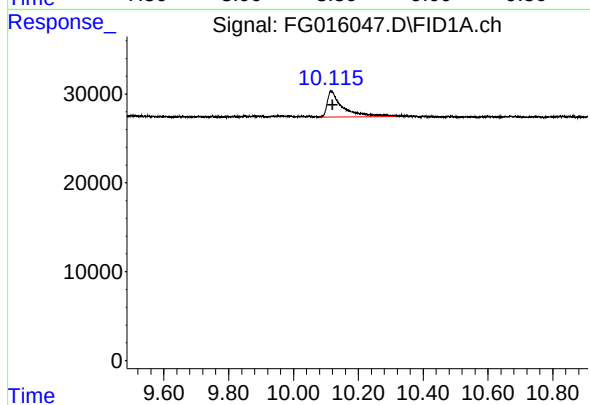
#3 N-DODECANE

R.T.: 6.660 min
Delta R.T.: -0.010 min
Response: 86664
Conc: 0.71 ug/ml



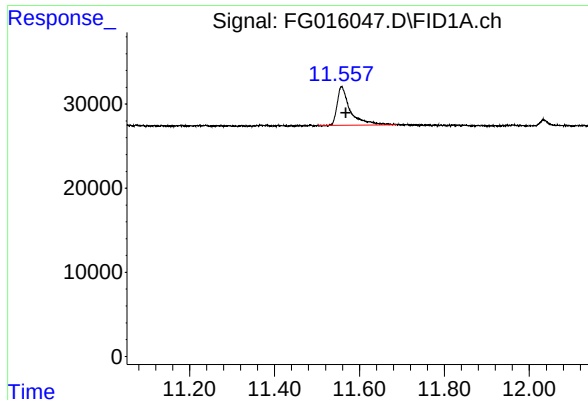
#4 N-TETRADECANE

R.T.: 8.507 min
Delta R.T.: 0.000 min
Response: 96523
Conc: 0.76 ug/ml



#5 N-HEXADECANE

R.T.: 10.115 min
Delta R.T.: -0.005 min
Response: 98089
Conc: 0.74 ug/ml



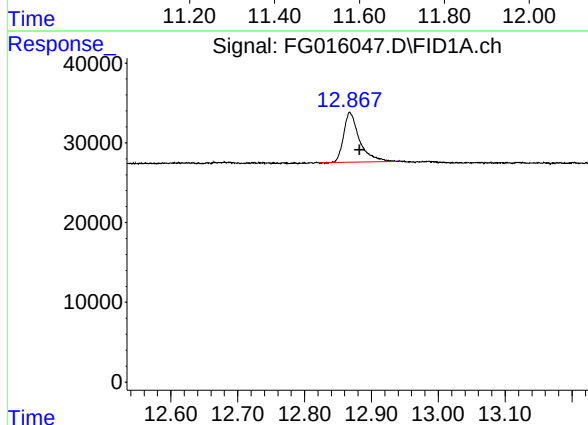
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.011 min
Response: 99570
Conc: 0.72 ug/ml

Instrument :
FID_G
ClientSampleId :
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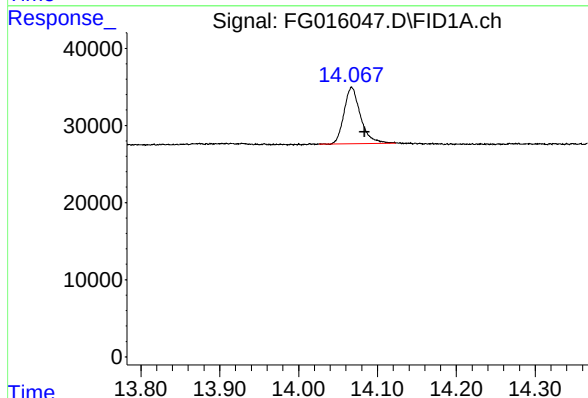
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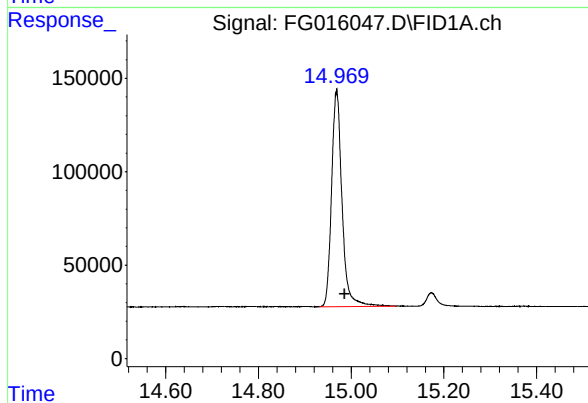
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: -0.015 min
Response: 103224
Conc: 0.73 ug/ml



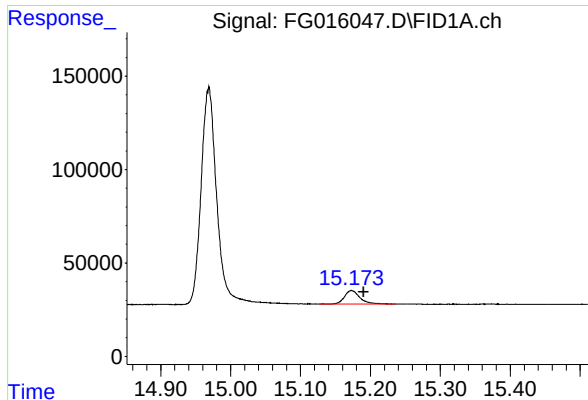
#8 N-DOCOSANE

R.T.: 14.067 min
Delta R.T.: -0.016 min
Response: 105523
Conc: 0.77 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.969 min
Delta R.T.: -0.017 min
Response: 1810877
Conc: 14.78 ug/ml



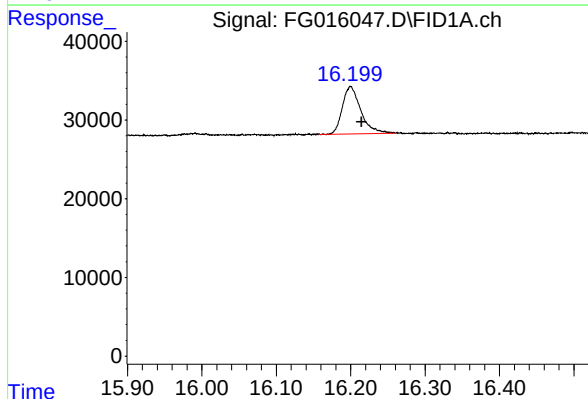
#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: -0.017 min
Response: 109715
Conc: 0.80 ug/ml

Instrument : FID_G
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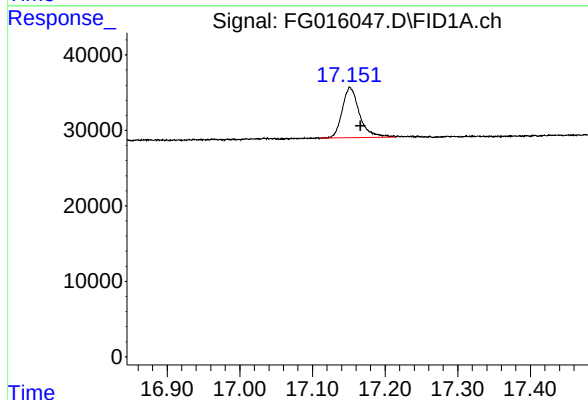
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#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.015 min
Response: 102962
Conc: 0.76 ug/ml



#12 N-OCTACOSANE

R.T.: 17.152 min
Delta R.T.: -0.015 min
Response: 109922
Conc: 0.82 ug/ml