

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015151.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 00:41
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:07:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.046	2146705	16.735 ug/ml
Target Compounds			
2) N-DECANE	4.542	118296	0.916 ug/mlm
3) N-DODECANE	6.722	122649	0.900 ug/mlm
4) N-TETRADECANE	8.557	126893	0.927 ug/mlm
5) N-HEXADECANE	10.172	127722	0.905 ug/mlm
6) N-OCTADECANE	11.622	132437	0.903 ug/mlm
7) N-EICOSANE	12.937	132117	0.909 ug/mlm
8) N-DOCOSANE	14.140	129033	0.899 ug/mlm
10) N-TETRACOSANE	15.248	125588	0.879 ug/mlm
11) N-HEXACOSANE	16.274	125246	0.889 ug/mlm
12) N-OCTACOSANE	17.226	127534	0.911 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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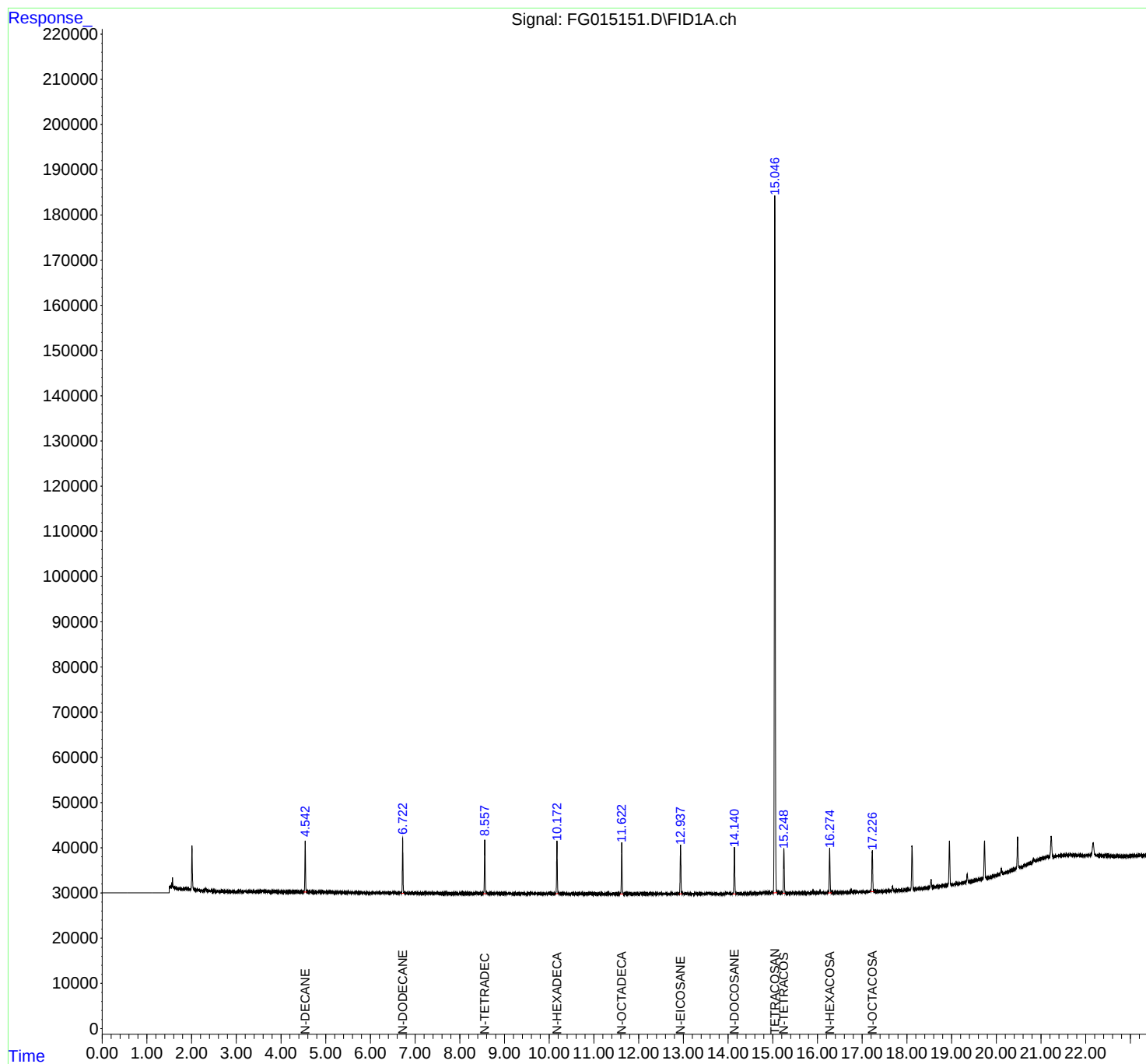
Instrument :
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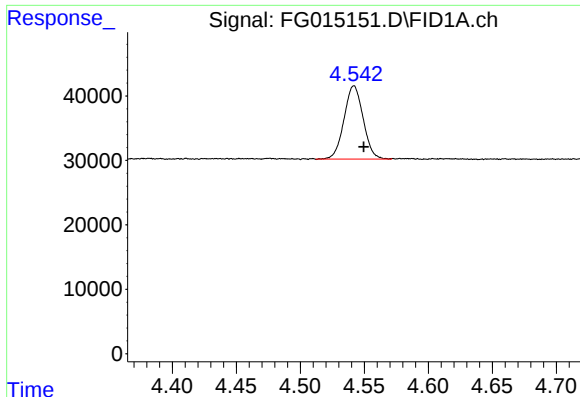
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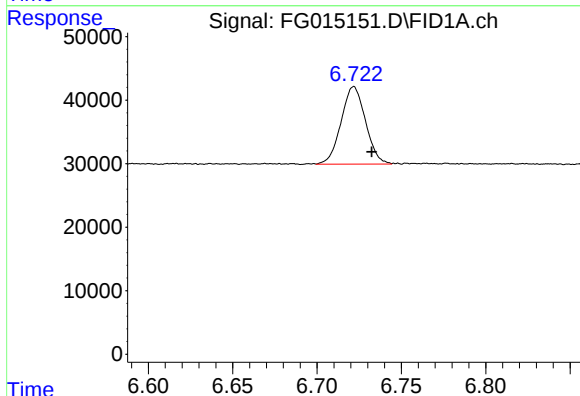
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.008 min
Response: 118296
Conc: 0.92 ug/ml

Instrument :
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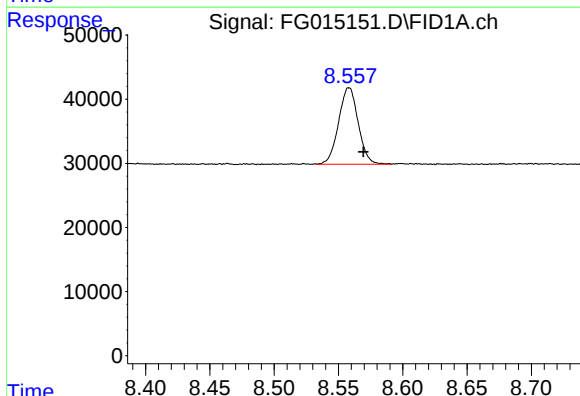
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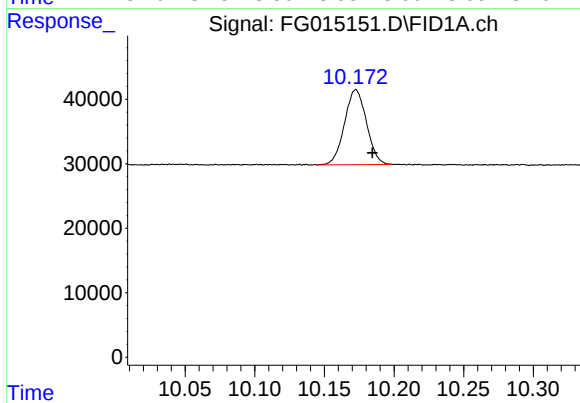
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.011 min
Response: 122649
Conc: 0.90 ug/ml m



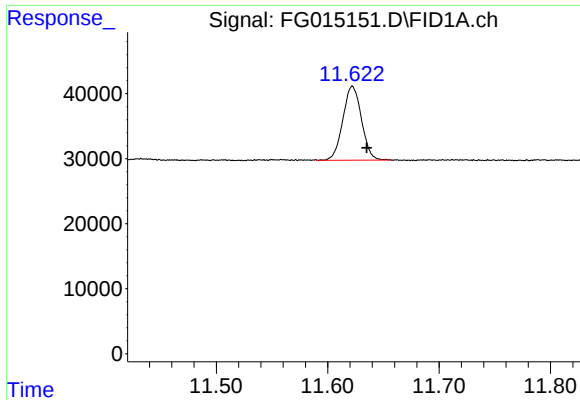
#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 126893
Conc: 0.93 ug/ml m



#5 N-HEXADECANE

R.T.: 10.172 min
Delta R.T.: -0.012 min
Response: 127722
Conc: 0.91 ug/ml m



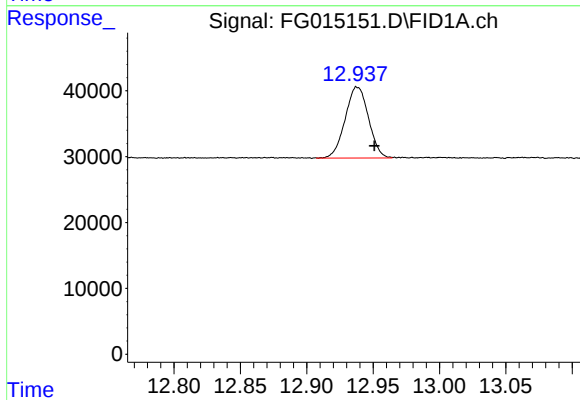
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 132437
Conc: 0.90 ug/ml

Instrument :
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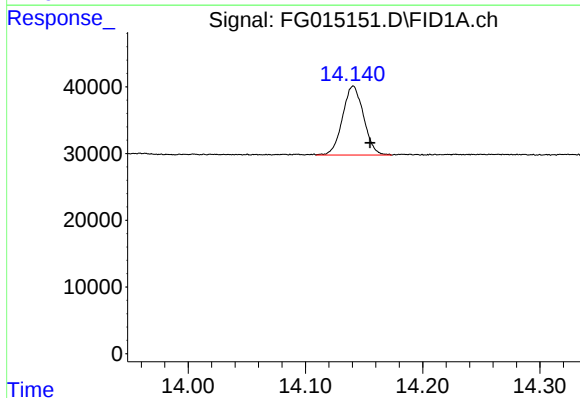
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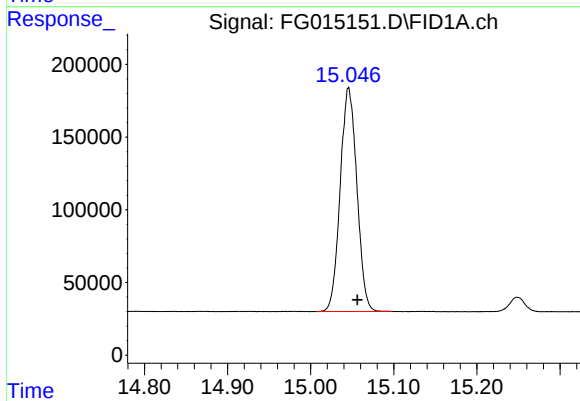
#7 N-EICOSANE

R.T.: 12.937 min
Delta R.T.: -0.014 min
Response: 132117
Conc: 0.91 ug/ml m



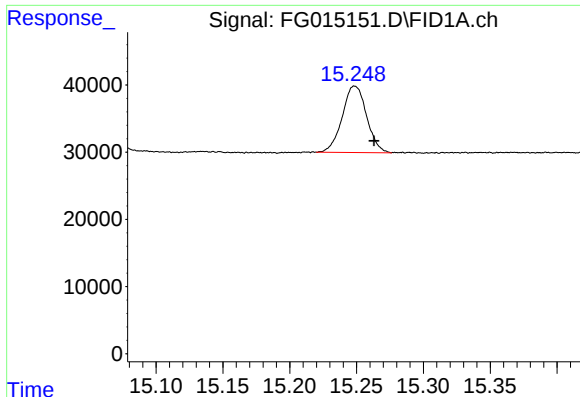
#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: -0.015 min
Response: 129033
Conc: 0.90 ug/ml m



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.046 min
Delta R.T.: -0.011 min
Response: 2146705
Conc: 16.74 ug/ml



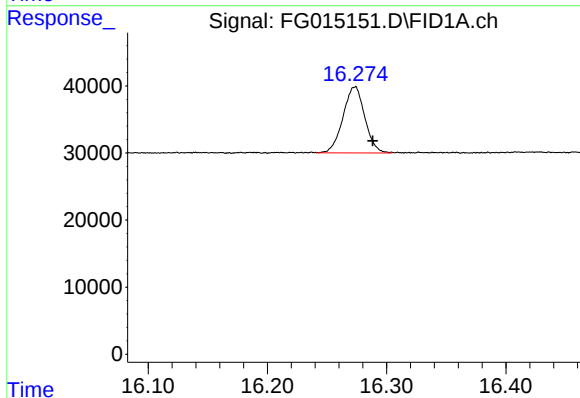
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.016 min
Response: 125588
Conc: 0.88 ug/ml

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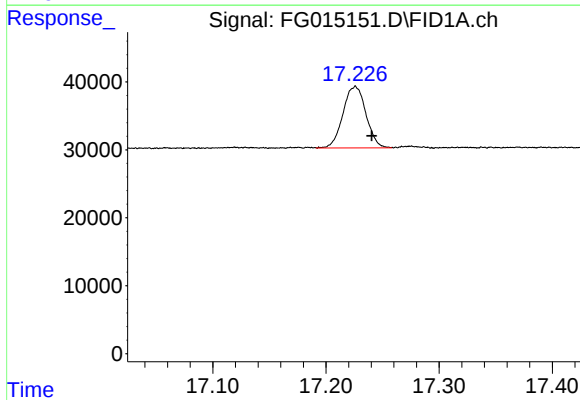
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#11 N-HEXACOSANE

R.T.: 16.274 min
Delta R.T.: -0.014 min
Response: 125246
Conc: 0.89 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.226 min
Delta R.T.: -0.015 min
Response: 127534
Conc: 0.91 ug/ml m