

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014405.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 11:02
 Operator : YP\AJ
 Sample : P4368-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 03:00:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 2024
 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...	14.913	2135721	17.247 ug/ml
Target Compounds			
2) N-DECANE	4.432	310851	2.639 ug/ml
3) N-DODECANE	6.603	238535	2.038 ug/ml
4) N-TETRADECANE	8.469	309308	2.547 ug/mlm
5) N-HEXADECANE	10.064	324623	2.550 ug/ml
6) N-OCTADECANE	11.500	353823	2.647 ug/ml
7) N-EICOSANE	12.808	346357	2.492 ug/ml
8) N-DOCOSANE	14.008	363656	2.651 ug/ml
10) N-TETRACOSANE	15.119	374355	2.716 ug/ml
11) N-HEXACOSANE	16.148	365332	2.643 ug/ml
12) N-OCTACOSANE	17.099	362958	2.649 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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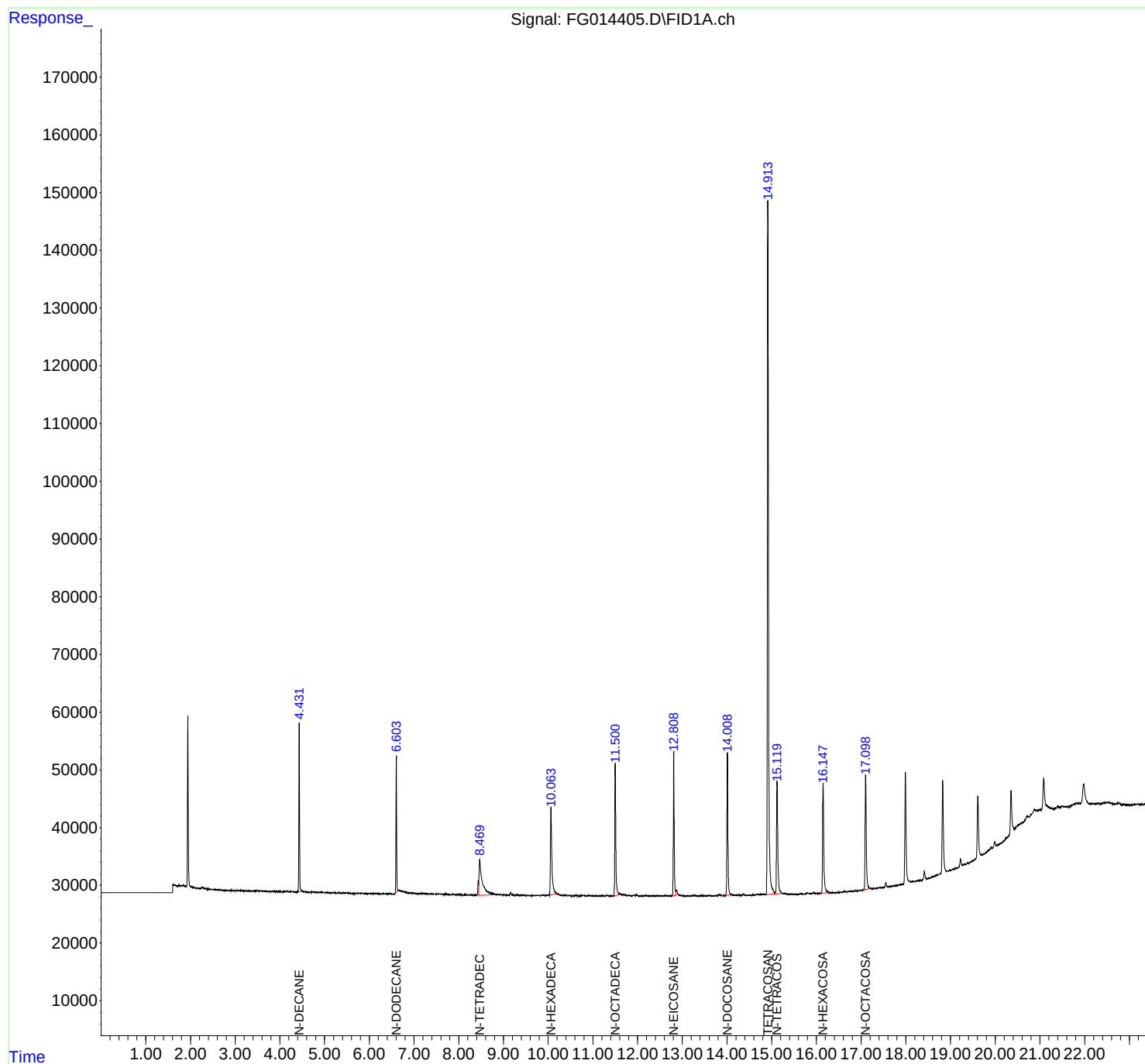
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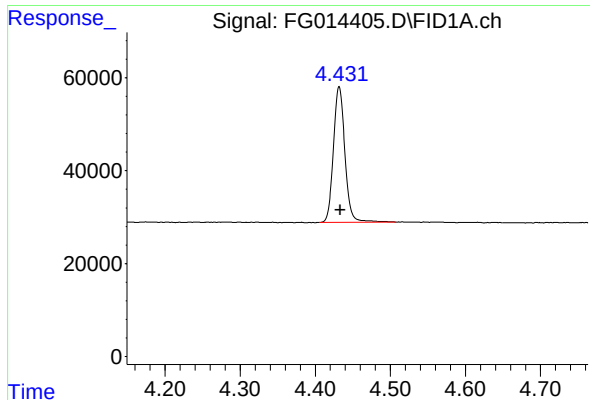
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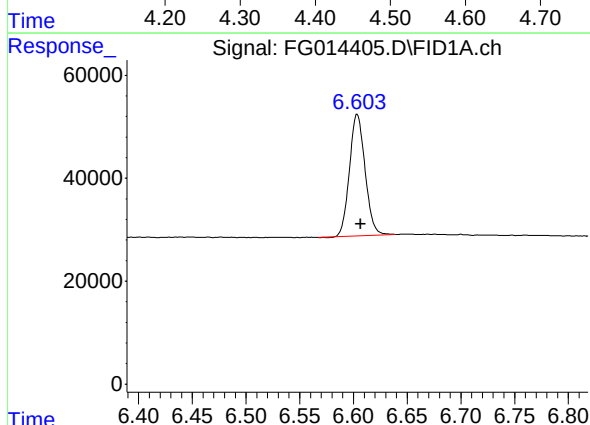
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 310851
Conc: 2.64 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024

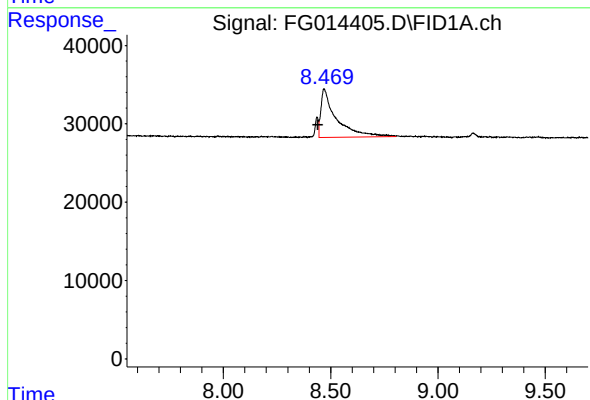
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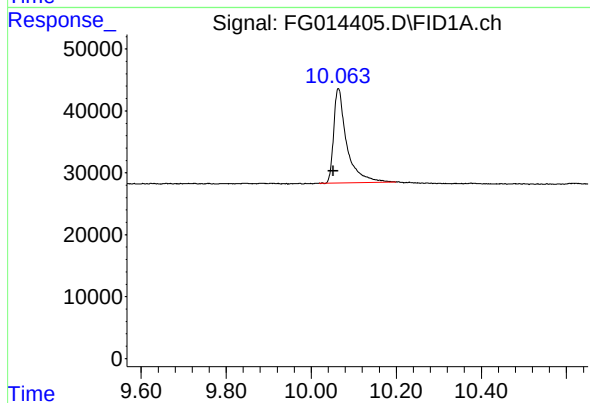
#3 N-DODECANE

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 238535
Conc: 2.04 ug/ml



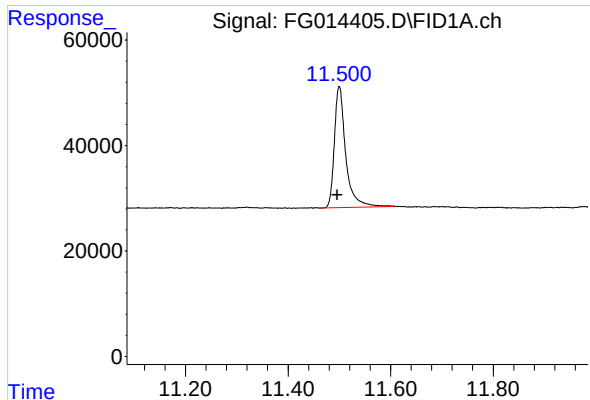
#4 N-TETRADECANE

R.T.: 8.469 min
Delta R.T.: 0.028 min
Response: 309308
Conc: 2.55 ug/ml m



#5 N-HEXADECANE

R.T.: 10.064 min
Delta R.T.: 0.013 min
Response: 324623
Conc: 2.55 ug/ml



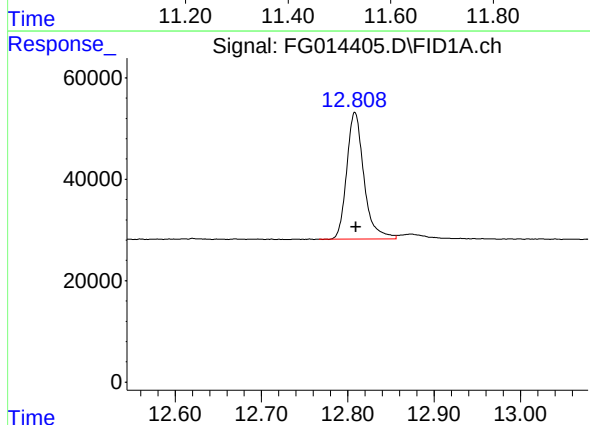
#6 N-OCTADECANE

R.T.: 11.500 min
Delta R.T.: 0.004 min
Response: 353823
Conc: 2.65 ug/ml

Instrument :
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ClientSampleId :
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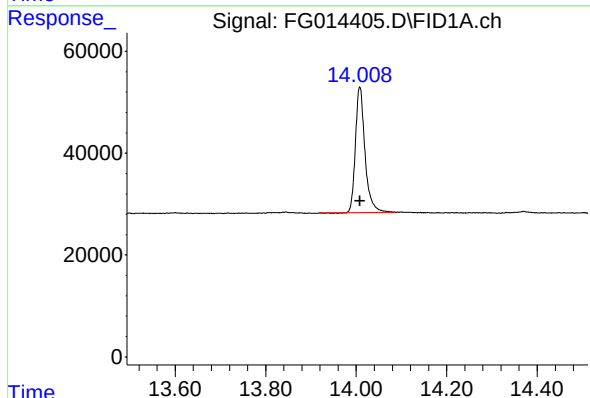
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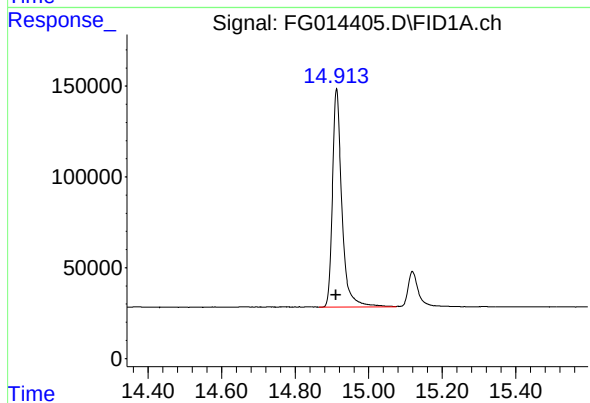
#7 N-EICOSANE

R.T.: 12.808 min
Delta R.T.: -0.001 min
Response: 346357
Conc: 2.49 ug/ml



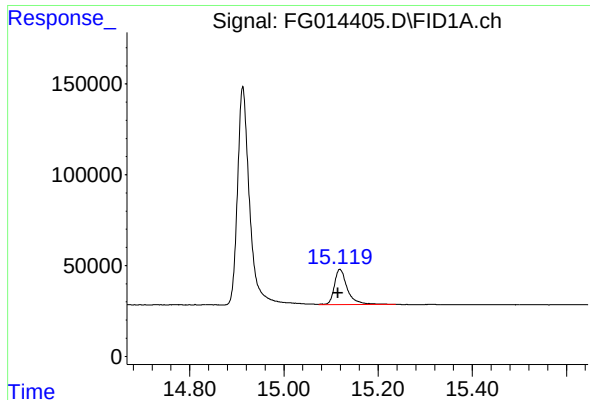
#8 N-DOCOSANE

R.T.: 14.008 min
Delta R.T.: 0.000 min
Response: 363656
Conc: 2.65 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.913 min
Delta R.T.: 0.002 min
Response: 2135721
Conc: 17.25 ug/ml



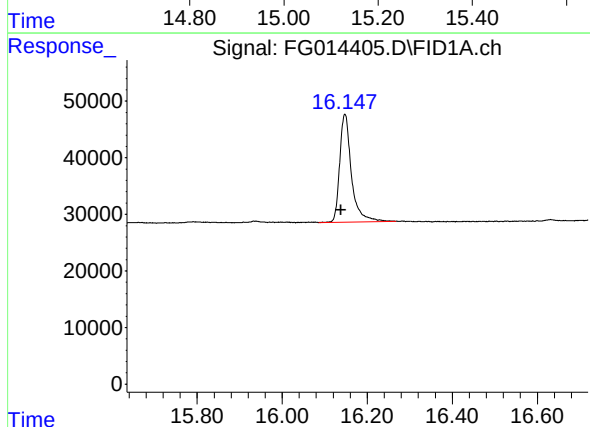
#10 N-TETRACOSANE

R.T.: 15.119 min
Delta R.T.: 0.004 min
Response: 374355
Conc: 2.72 ug/ml

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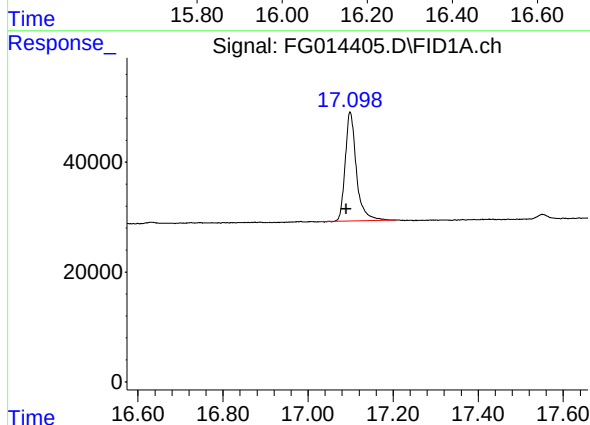
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#11 N-HEXACOSANE

R.T.: 16.148 min
Delta R.T.: 0.010 min
Response: 365332
Conc: 2.64 ug/ml



#12 N-OCTACOSANE

R.T.: 17.099 min
Delta R.T.: 0.009 min
Response: 362958
Conc: 2.65 ug/ml