

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014404.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 10:33
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 12 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 03:00:21 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...	14.914	2209253	17.841 ug/ml
Target Compounds			
2) N-DECANE	4.432	125489	1.065 ug/ml
3) N-DODECANE	6.604	93114	0.796 ug/ml
4) N-TETRADECANE	8.501f	148686	1.224 ug/mlm
5) N-HEXADECANE	10.075	125292	0.984 ug/ml
6) N-OCTADECANE	11.505	139676	1.045 ug/ml
7) N-EICOSANE	12.809	146344	1.053 ug/mlm
8) N-DOCOSANE	14.009	152635	1.113 ug/ml
10) N-TETRACOSANE	15.120	169878	1.232 ug/ml
11) N-HEXACOSANE	16.161	143908	1.041 ug/ml
12) N-OCTACOSANE	17.108	152362	1.112 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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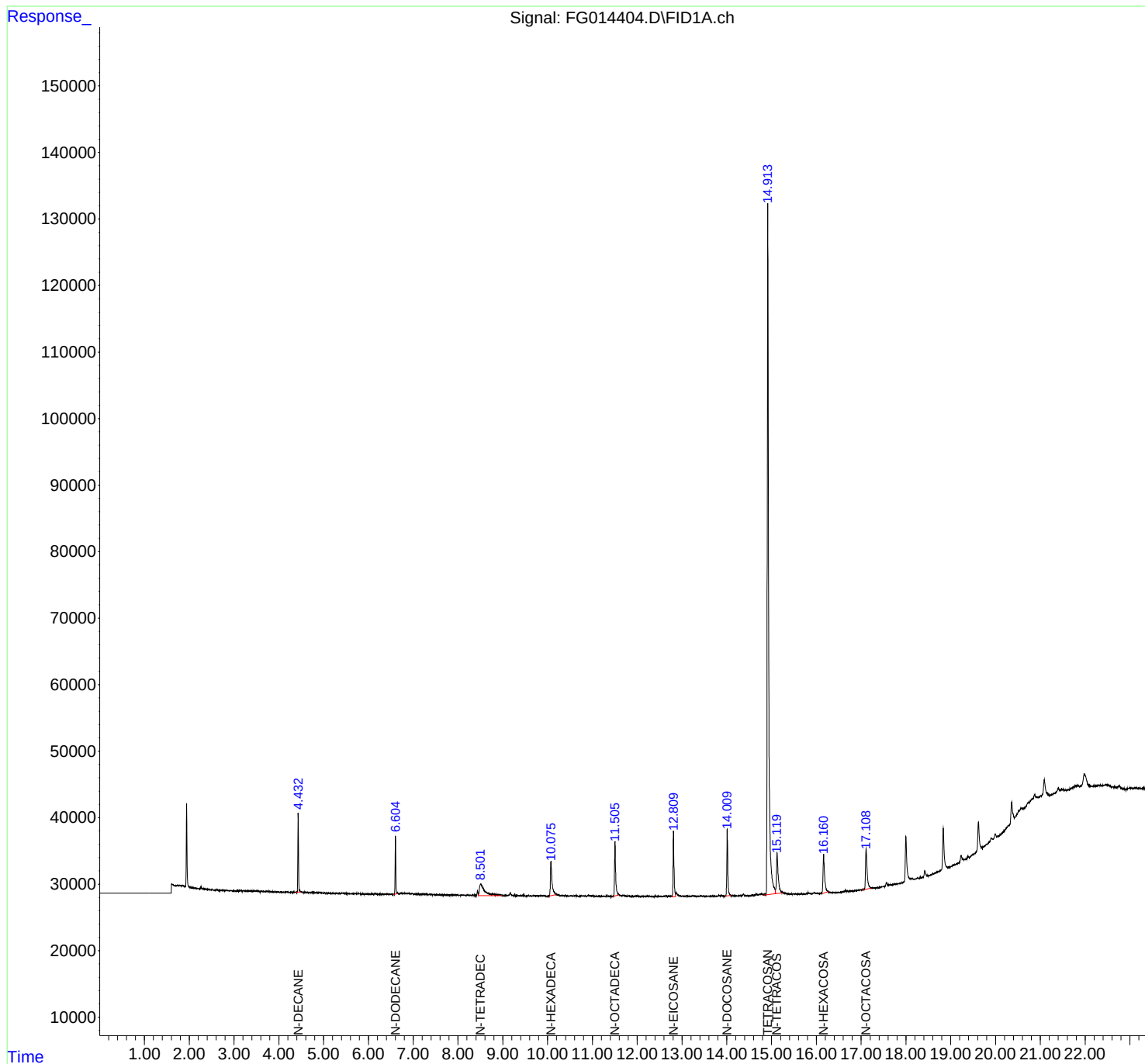
Instrument :
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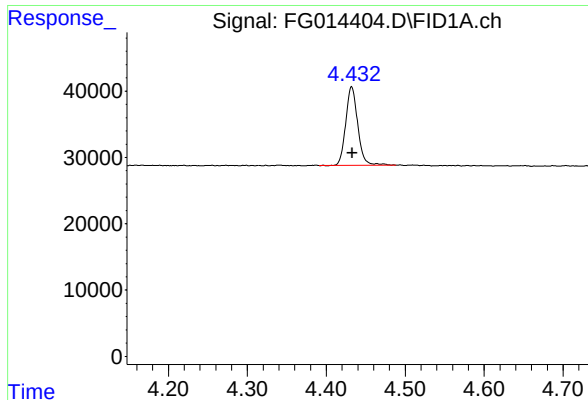
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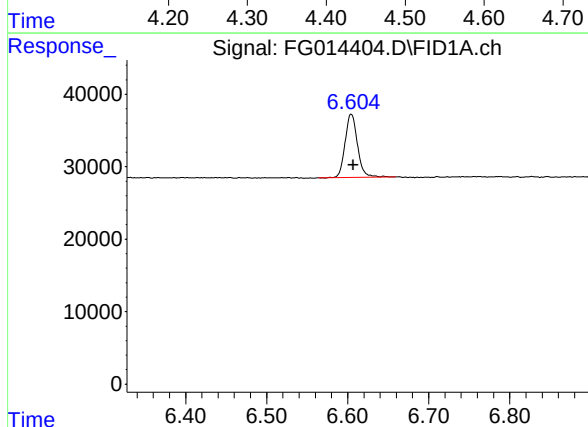
#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 125489
Conc: 1.07 ug/ml

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

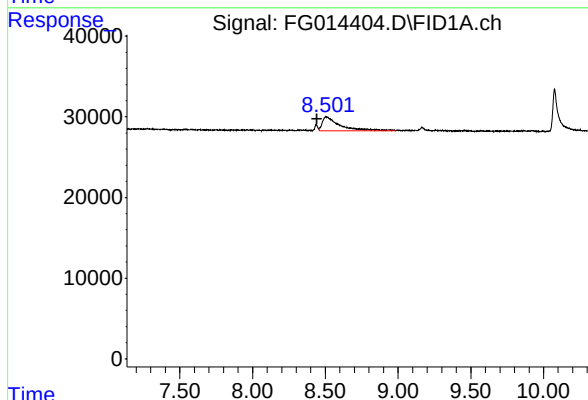
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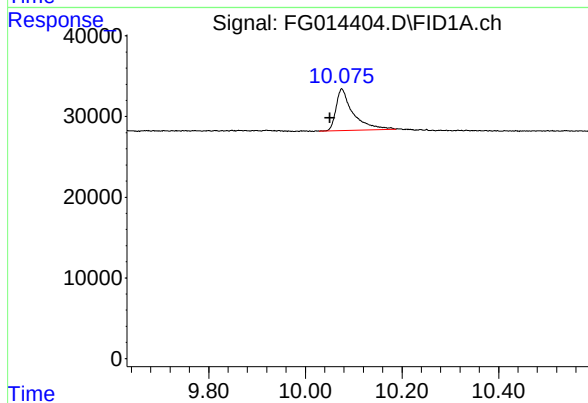
#3 N-DODECANE

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 93114
Conc: 0.80 ug/ml



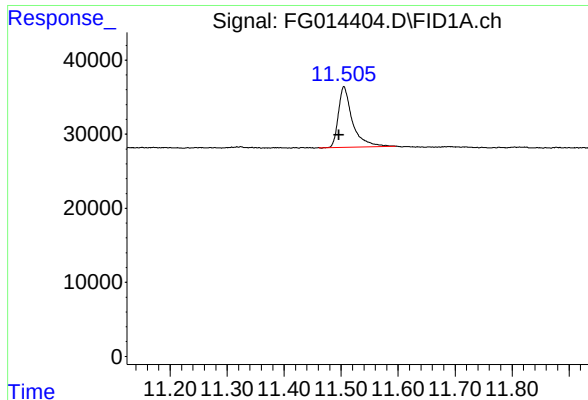
#4 N-TETRADECANE

R.T.: 8.501 min
Delta R.T.: 0.060 min
Response: 148686
Conc: 1.22 ug/ml m



#5 N-HEXADECANE

R.T.: 10.075 min
Delta R.T.: 0.024 min
Response: 125292
Conc: 0.98 ug/ml



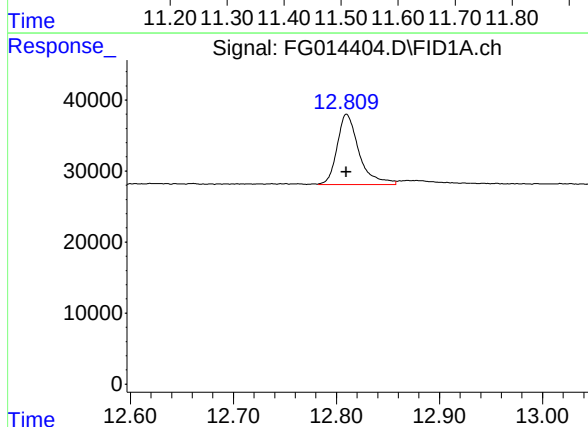
#6 N-OCTADECANE

R.T.: 11.505 min
Delta R.T.: 0.009 min
Response: 139676
Conc: 1.04 ug/ml

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

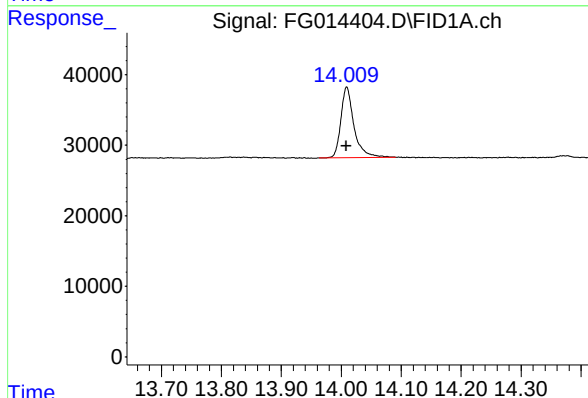
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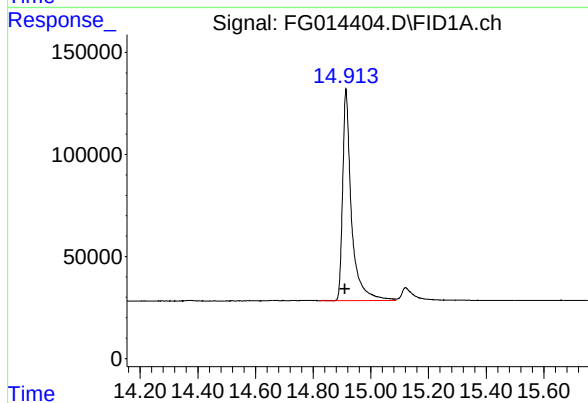
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 146344
Conc: 1.05 ug/ml m



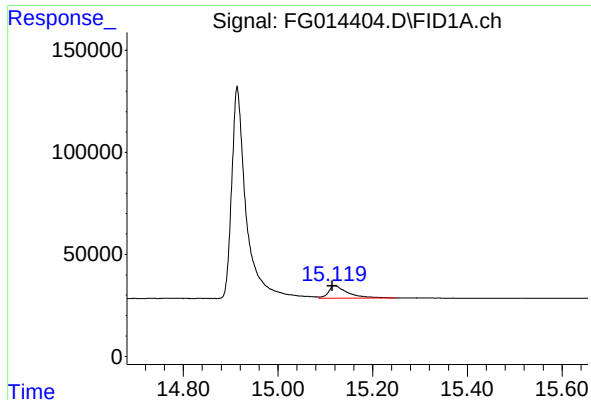
#8 N-DOCOSANE

R.T.: 14.009 min
Delta R.T.: 0.000 min
Response: 152635
Conc: 1.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.914 min
Delta R.T.: 0.003 min
Response: 2209253
Conc: 17.84 ug/ml



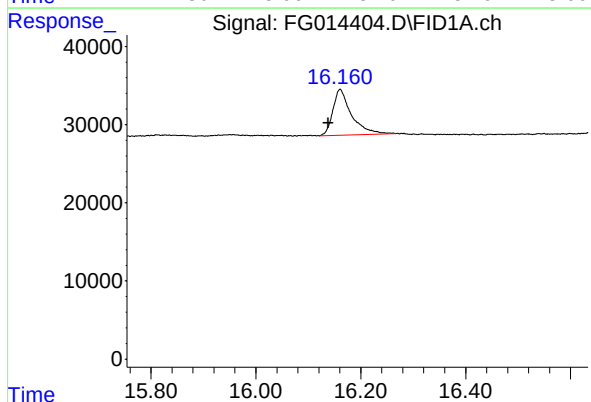
#10 N-TETRACOSANE

R.T.: 15.120 min
Delta R.T.: 0.006 min
Response: 169878
Conc: 1.23 ug/ml

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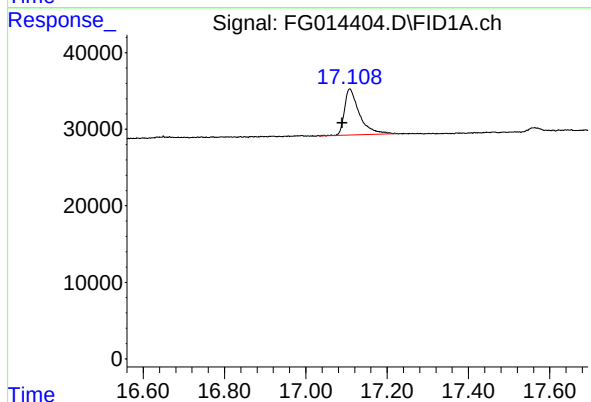
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#11 N-HEXACOSANE

R.T.: 16.161 min
Delta R.T.: 0.023 min
Response: 143908
Conc: 1.04 ug/ml



#12 N-OCTACOSANE

R.T.: 17.108 min
Delta R.T.: 0.018 min
Response: 152362
Conc: 1.11 ug/ml