

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100422\
 Data File : FG010750.D
 Signal(s) : FID1A.ch
 Acq On : 04 Oct 2022 20:40
 Operator : YP\AJ
 Sample : N4955-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 06:10:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG092822.M
 Quant Title :
 QLast Update : Thu Sep 29 02:21:49 2022
 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...	14.743	1923980	15.859 ug/ml
Target Compounds			
2) N-DECANE	4.266	528997	4.065 ug/ml
3) N-DODECANE	6.447	521876	3.935 ug/ml
4) N-TETRADECANE	8.278	530167	3.954 ug/mlm
5) N-HEXADECANE	9.886	552299	3.983 ug/ml
6) N-OCTADECANE	11.330	568981	4.037 ug/ml
7) N-EICOSANE	12.641	561789	3.973 ug/ml
8) N-DOCOSANE	13.840	557173	4.025 ug/ml
10) N-TETRACOSANE	14.946	554783	4.027 ug/ml
11) N-HEXACOSANE	15.969	546348	4.050 ug/ml
12) N-OCTACOSANE	16.920	539727	4.116 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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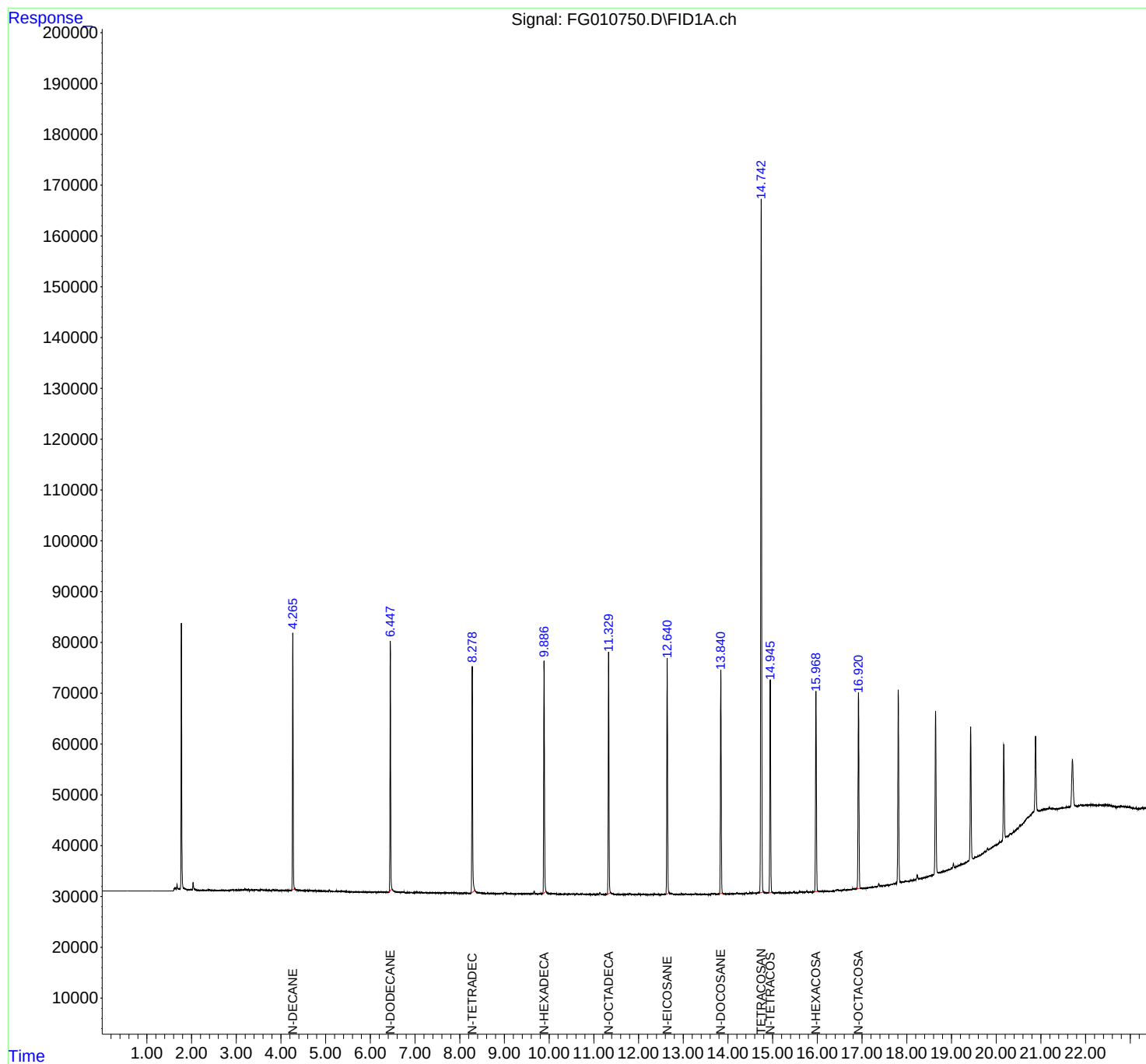
Instrument :
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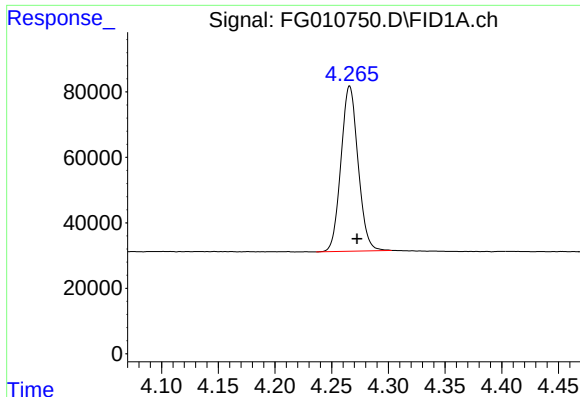
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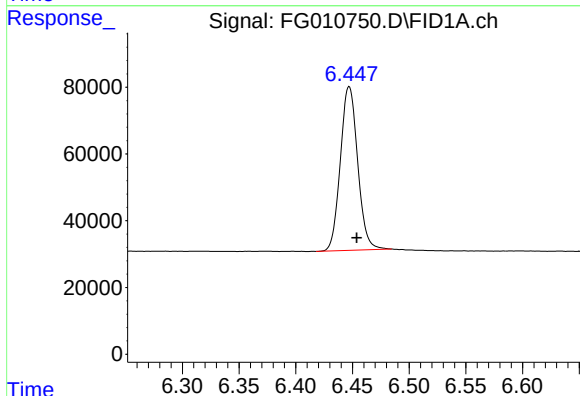
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: -0.006 min
Response: 528997
Conc: 4.06 ug/ml

Instrument : FID_G
ClientSampleId : LOQ-SOIL-02-QT4-2022

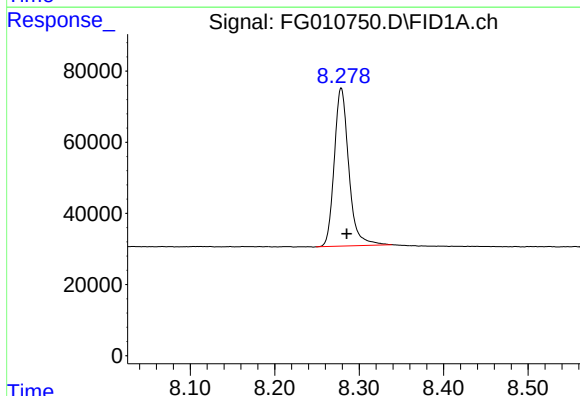
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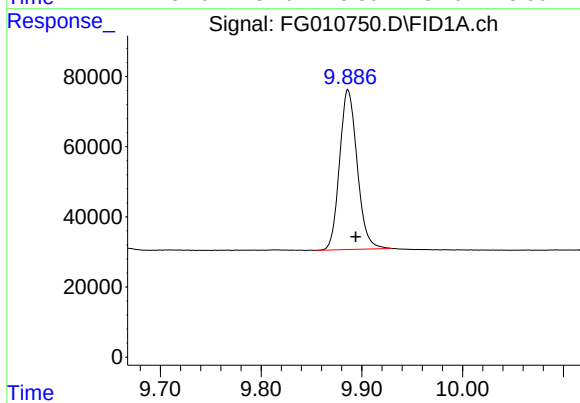
#3 N-DODECANE

R.T.: 6.447 min
Delta R.T.: -0.006 min
Response: 521876
Conc: 3.94 ug/ml



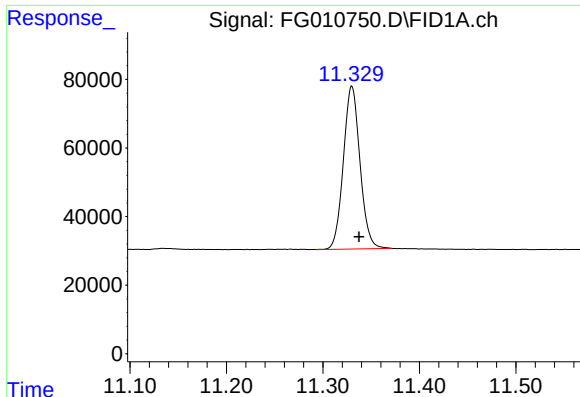
#4 N-TETRADECANE

R.T.: 8.278 min
Delta R.T.: -0.007 min
Response: 530167
Conc: 3.95 ug/ml m



#5 N-HEXADECANE

R.T.: 9.886 min
Delta R.T.: -0.007 min
Response: 552299
Conc: 3.98 ug/ml



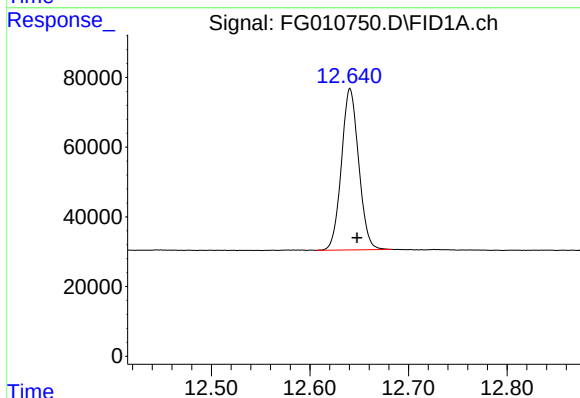
#6 N-OCTADECANE

R.T.: 11.330 min
Delta R.T.: -0.008 min
Response: 568981
Conc: 4.04 ug/ml

Instrument :
FID_G
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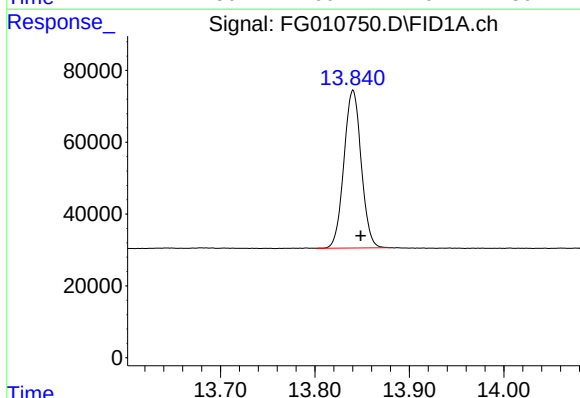
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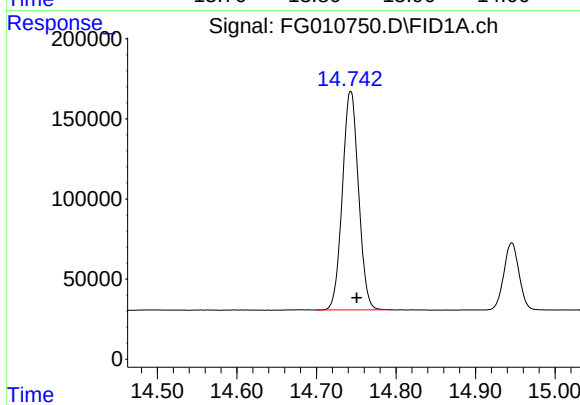
#7 N-EICOSANE

R.T.: 12.641 min
Delta R.T.: -0.007 min
Response: 561789
Conc: 3.97 ug/ml



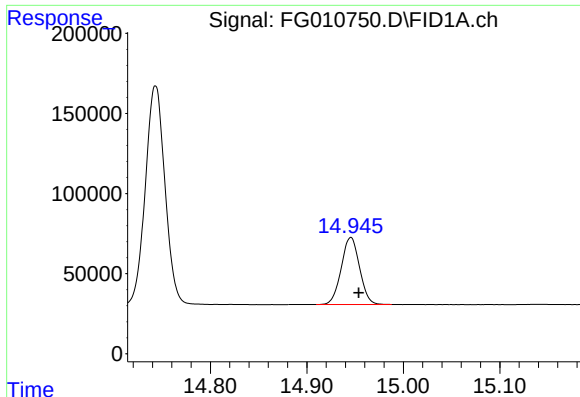
#8 N-DOCOSANE

R.T.: 13.840 min
Delta R.T.: -0.008 min
Response: 557173
Conc: 4.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.743 min
Delta R.T.: -0.008 min
Response: 1923980
Conc: 15.86 ug/ml



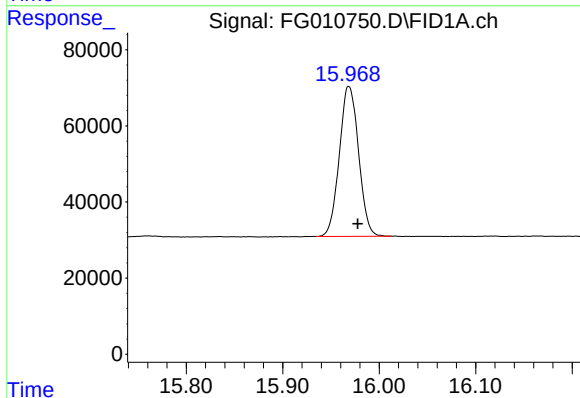
#10 N-TETRACOSANE

R.T.: 14.946 min
Delta R.T.: -0.008 min
Response: 554783
Conc: 4.03 ug/ml

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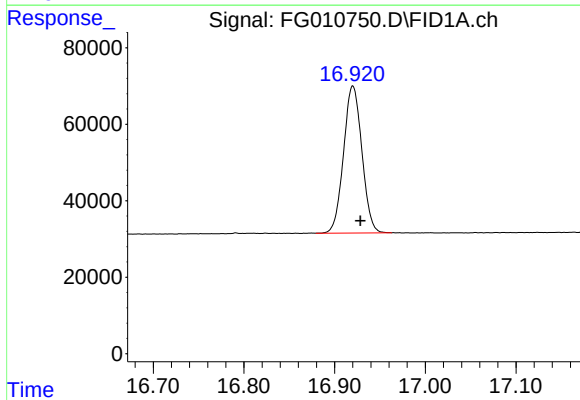
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#11 N-HEXACOSANE

R.T.: 15.969 min
Delta R.T.: -0.009 min
Response: 546348
Conc: 4.05 ug/ml



#12 N-OCTACOSANE

R.T.: 16.920 min
Delta R.T.: -0.008 min
Response: 539727
Conc: 4.12 ug/ml