

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101124\
 Data File : FF014638.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 12:30
 Operator : YP\AJ
 Sample : P4368-01
 Misc : 1 PPM SOIL LOD
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 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 02:06:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100324.M
 Quant Title :
 QLast Update : Thu Oct 03 12:23:07 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...	14.883	2299833	17.586 ug/ml
Target Compounds			
2) N-DECANE	4.447	125295	0.924 ug/mlm
3) N-DODECANE	6.617	126233	0.925 ug/mlm
4) N-TETRADECANE	8.463	136878	0.995 ug/mlm
5) N-HEXADECANE	10.058	145312	1.063 ug/mlm
6) N-OCTADECANE	11.489	149889	1.047 ug/mlm
7) N-EICOSANE	12.794	153020	1.030 ug/mlm
8) N-DOCOSANE	13.987	148055	1.018 ug/ml
10) N-TETRACOSANE	15.089	150642	1.029 ug/ml
11) N-HEXACOSANE	16.119	151613	1.041 ug/mlm
12) N-OCTACOSANE	17.067	165183	1.145 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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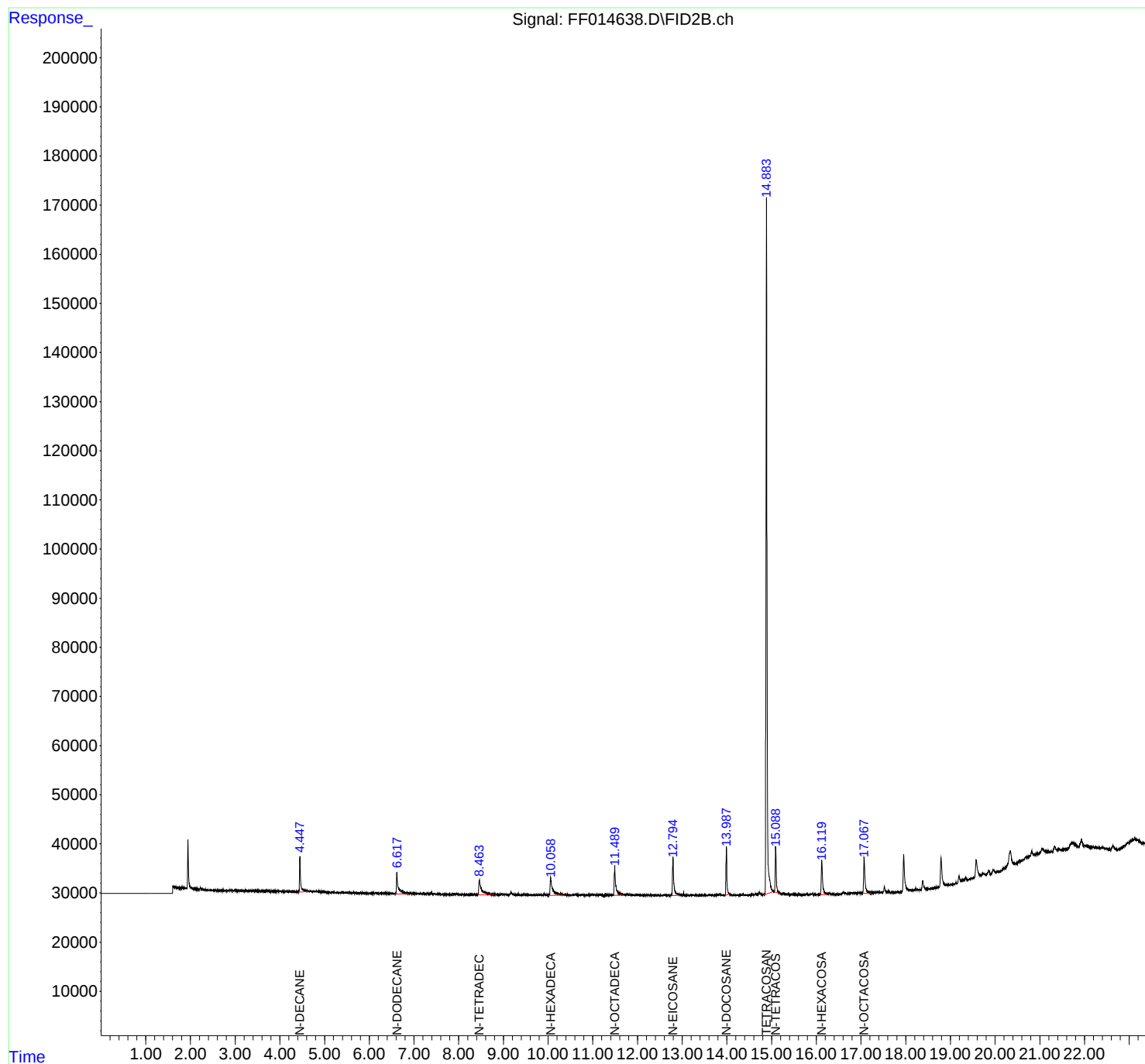
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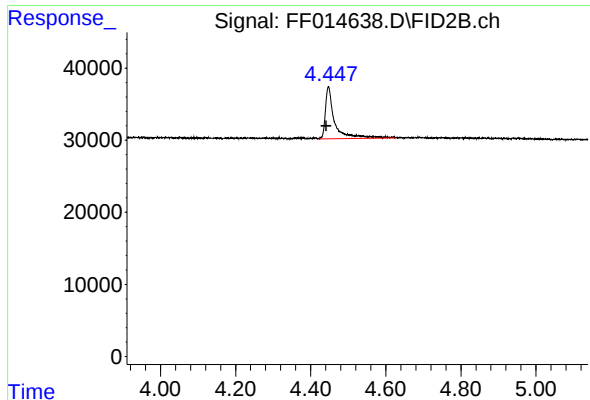
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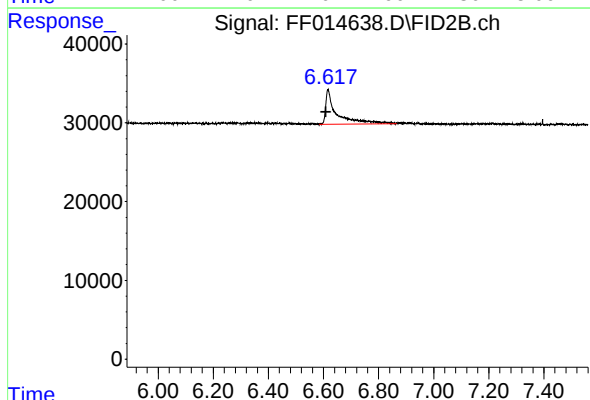
#2 N-DECANE

R.T.: 4.447 min
Delta R.T.: 0.005 min
Response: 125295
Conc: 0.92 ug/ml

Instrument :
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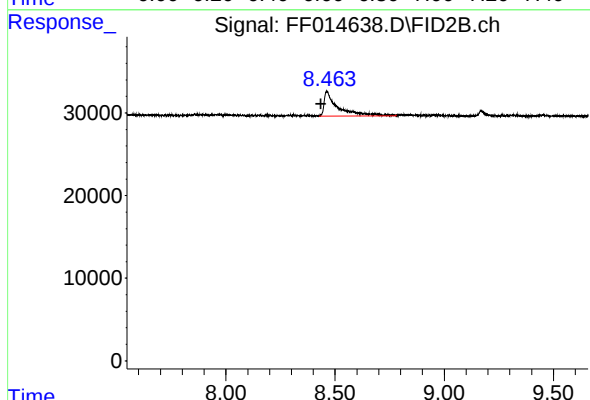
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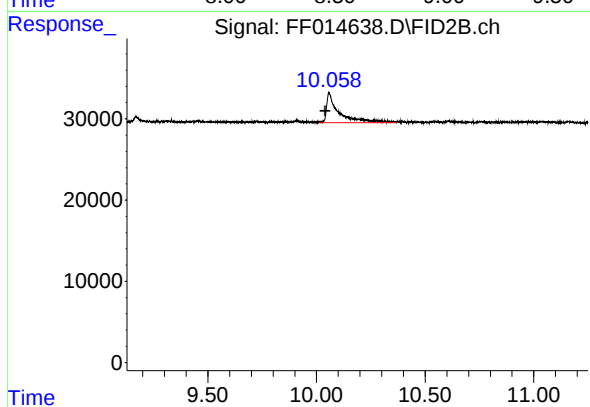
#3 N-DODECANE

R.T.: 6.617 min
Delta R.T.: 0.007 min
Response: 126233
Conc: 0.93 ug/ml m



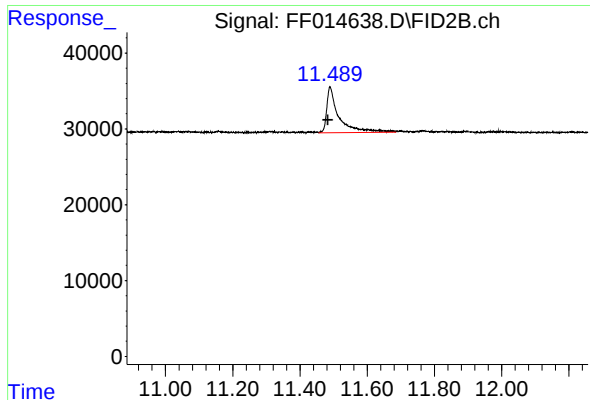
#4 N-TETRADECANE

R.T.: 8.463 min
Delta R.T.: 0.026 min
Response: 136878
Conc: 0.99 ug/ml m



#5 N-HEXADECANE

R.T.: 10.058 min
Delta R.T.: 0.016 min
Response: 145312
Conc: 1.06 ug/ml m



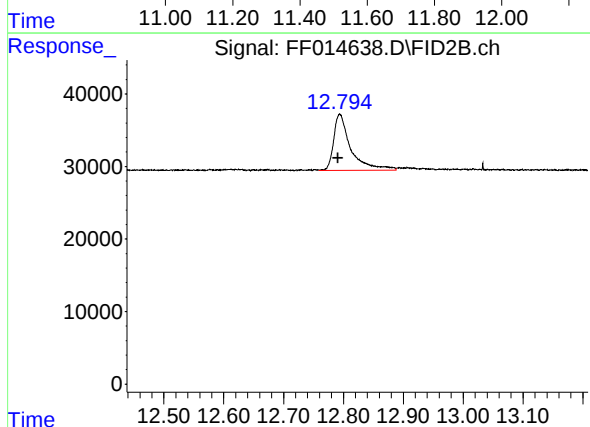
#6 N-OCTADECANE

R.T.: 11.489 min
Delta R.T.: 0.006 min
Response: 149889
Conc: 1.05 ug/ml

Instrument : FID_F
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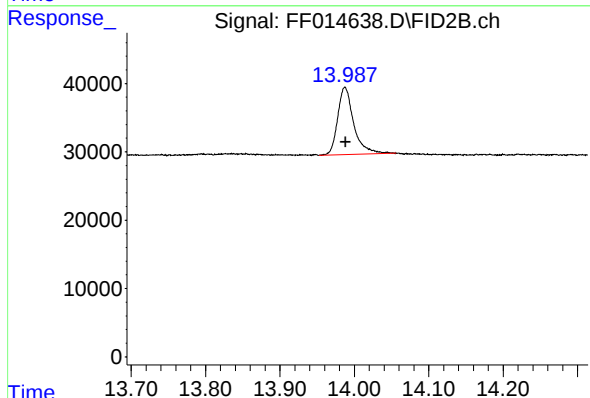
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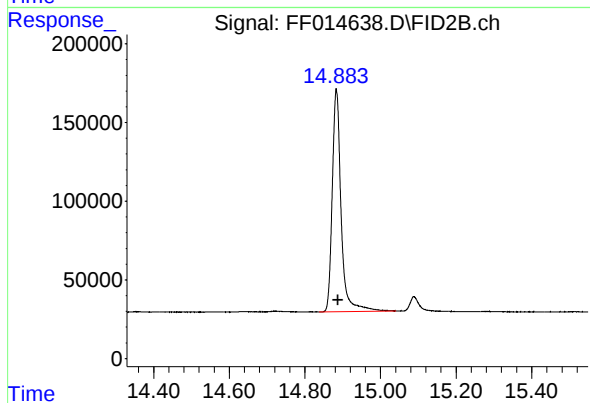
#7 N-EICOSANE

R.T.: 12.794 min
Delta R.T.: 0.003 min
Response: 153020
Conc: 1.03 ug/ml m



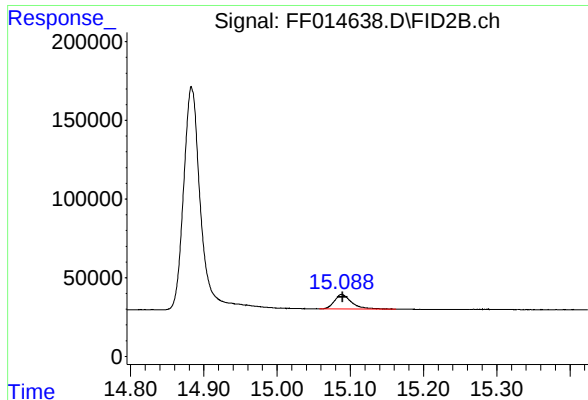
#8 N-DOCOSANE

R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 148055
Conc: 1.02 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.004 min
Response: 2299833
Conc: 17.59 ug/ml



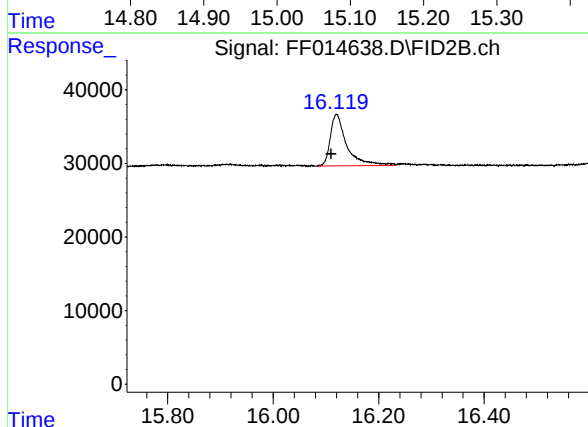
#10 N-TETRACOSANE

R.T.: 15.089 min
Delta R.T.: -0.001 min
Response: 150642
Conc: 1.03 ug/ml

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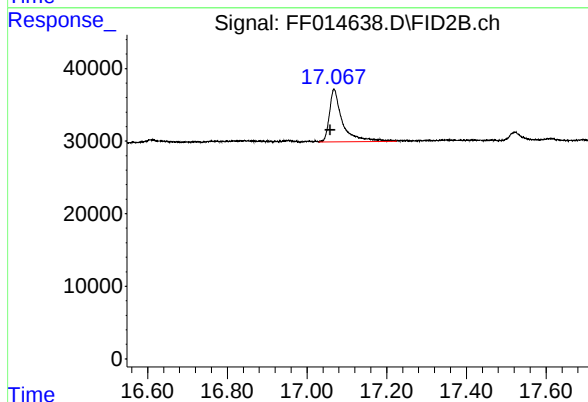
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#11 N-HEXACOSANE

R.T.: 16.119 min
Delta R.T.: 0.009 min
Response: 151613
Conc: 1.04 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.067 min
Delta R.T.: 0.008 min
Response: 165183
Conc: 1.14 ug/ml m