

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101424\
 Data File : FE050647.D
 Signal(s) : FID1B.ch
 Acq On : 14 Oct 2024 19:54
 Operator : YP\AJ
 Sample : P4368-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 03:06:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.941	2431958	17.452 ug/ml
Target Compounds			
2) N-DECANE	4.498	142910	0.924 ug/ml
3) N-DODECANE	6.666	152641	0.984 ug/mlm
4) N-TETRADECANE	8.492	152506	0.970 ug/mlm
5) N-HEXADECANE	10.100	168735	1.073 ug/mlm
6) N-OCTADECANE	11.541	161280	1.006 ug/ml
7) N-EICOSANE	12.847	164632	1.018 ug/ml
8) N-DOCOSANE	14.042	169825	1.083 ug/ml
10) N-TETRACOSANE	15.144	172357	1.099 ug/ml
11) N-HEXACOSANE	16.163	174616	1.108 ug/ml
12) N-OCTACOSANE	17.111	203669	1.275 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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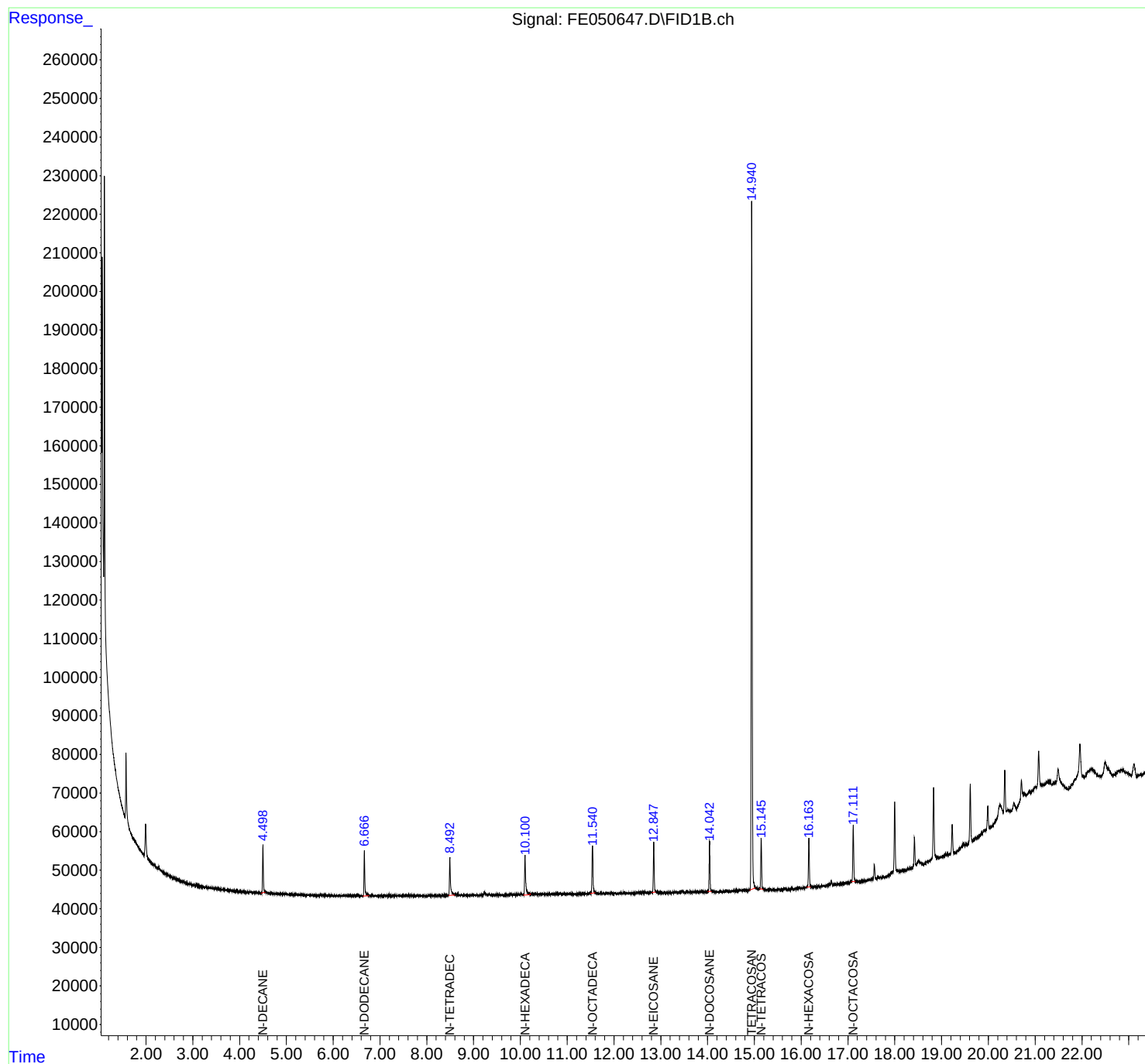
Instrument :
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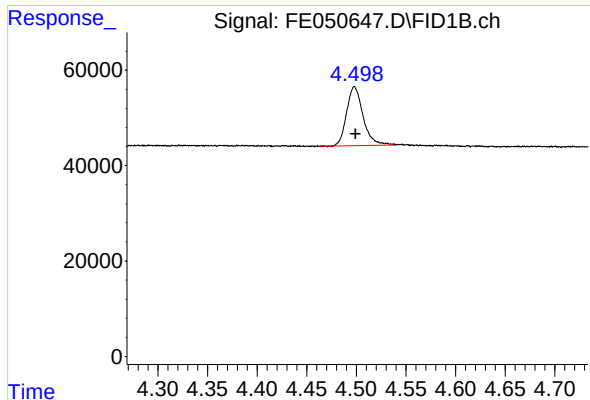
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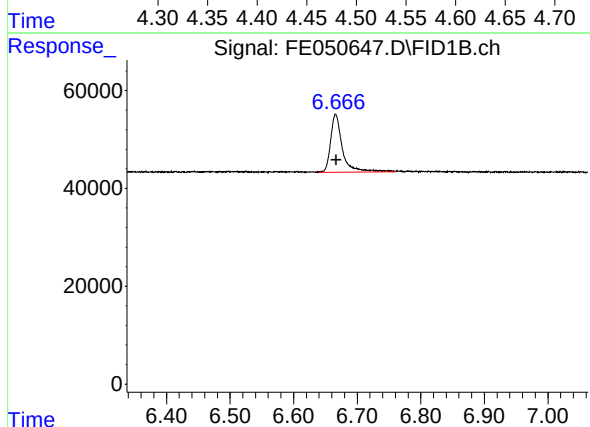
#2 N-DECANE

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 142910
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-SOIL-03-QT4-2024

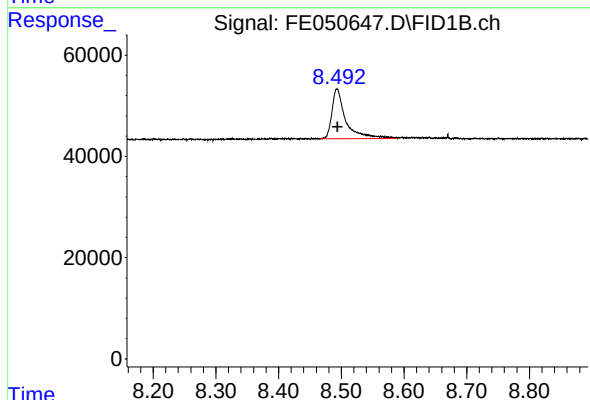
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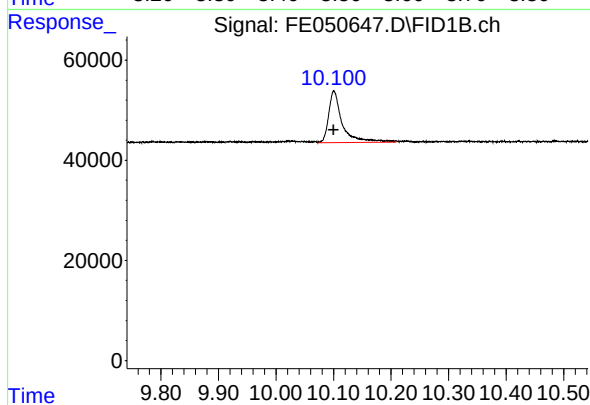
#3 N-DODECANE

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 152641
Conc: 0.98 ug/ml m



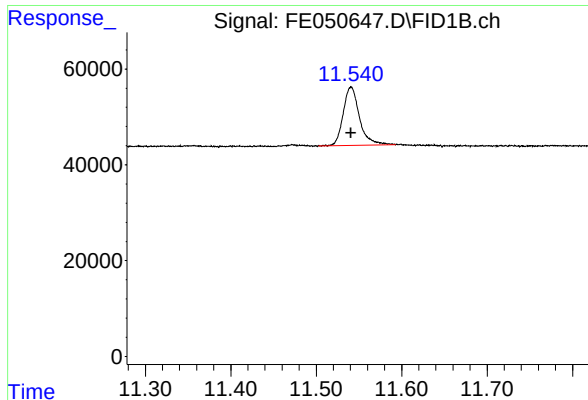
#4 N-TETRADECANE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 152506
Conc: 0.97 ug/ml m



#5 N-HEXADECANE

R.T.: 10.100 min
Delta R.T.: 0.000 min
Response: 168735
Conc: 1.07 ug/ml m



#6 N-OCTADECANE

R.T.: 11.541 min
Delta R.T.: 0.000 min
Response: 161280
Conc: 1.01 ug/ml

Instrument :

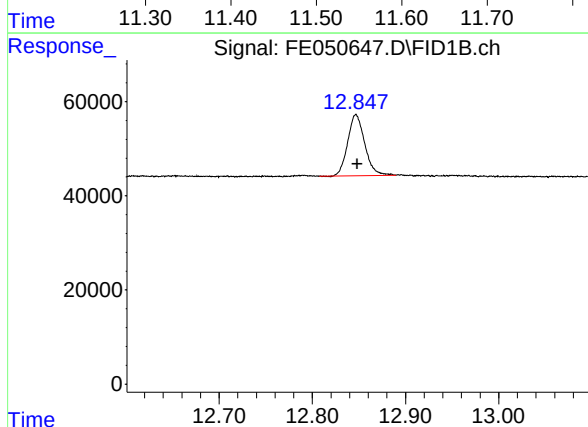
FID_E

ClientSampleId :

MDL-SOIL-03-QT4-2024

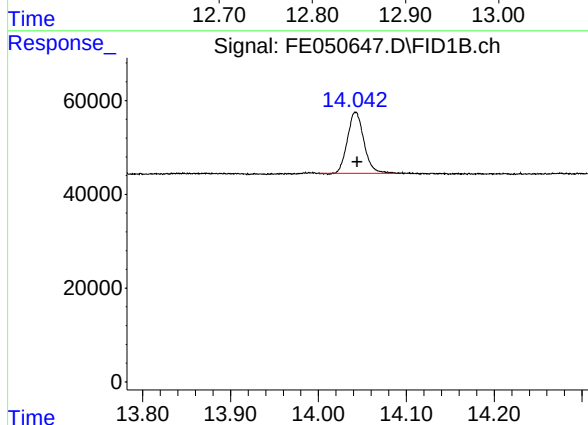
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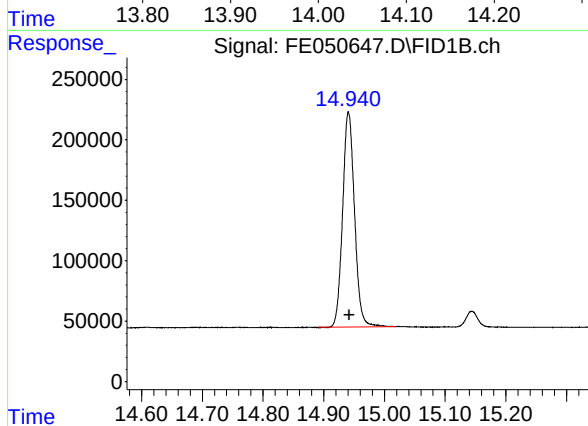
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: -0.001 min
Response: 164632
Conc: 1.02 ug/ml



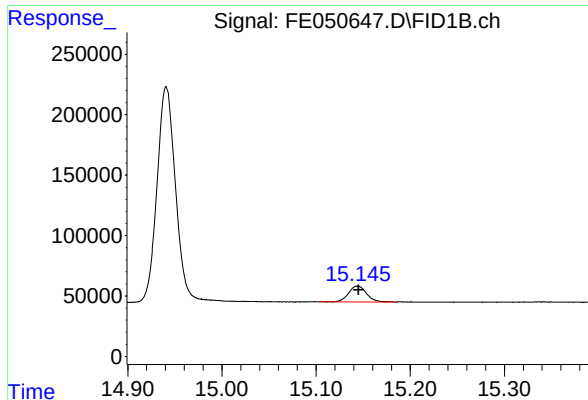
#8 N-DOCOSANE

R.T.: 14.042 min
Delta R.T.: -0.002 min
Response: 169825
Conc: 1.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.941 min
Delta R.T.: -0.001 min
Response: 2431958
Conc: 17.45 ug/ml



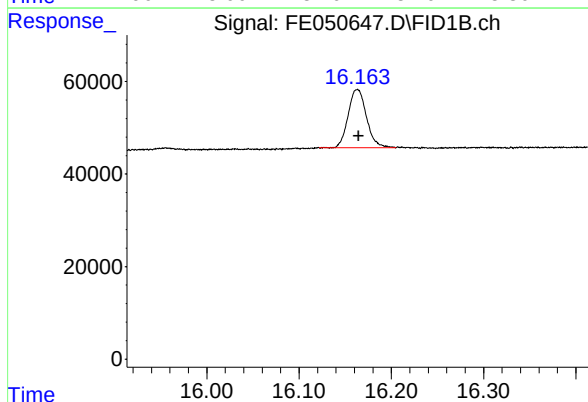
#10 N-TETRACOSANE

R.T.: 15.144 min
Delta R.T.: -0.001 min
Response: 172357
Conc: 1.10 ug/ml

Instrument :
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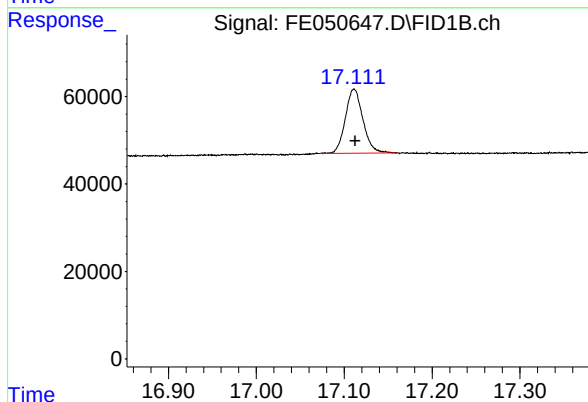
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#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.001 min
Response: 174616
Conc: 1.11 ug/ml



#12 N-OCTACOSANE

R.T.: 17.111 min
Delta R.T.: -0.001 min
Response: 203669
Conc: 1.27 ug/ml