

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923\
 Data File : FE044724.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 11:43
 Operator : YP\AJ
 Sample : 04699-03
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 09 23:43:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100323.M
 Quant Title :
 QLast Update : Tue Oct 03 12:58:41 2023
 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...	15.013	2978492	20.301 ug/ml
Target Compounds			
2) N-DECANE	4.548	211534	1.292 ug/ml
3) N-DODECANE	6.715	203160	1.226 ug/ml
4) N-TETRADECANE	8.542	207725	1.250 ug/ml
5) N-HEXADECANE	10.152	215634	1.280 ug/ml
6) N-OCTADECANE	11.598	225322	1.348 ug/ml
7) N-EICOSANE	12.910	243542	1.486 ug/mlm
8) N-DOCOSANE	14.111	253271	1.610 ug/ml
10) N-TETRACOSANE	15.214	289343	1.869 ug/ml
11) N-HEXACOSANE	16.238	315228	2.091 ug/ml
12) N-OCTACOSANE	17.189	348853	2.348 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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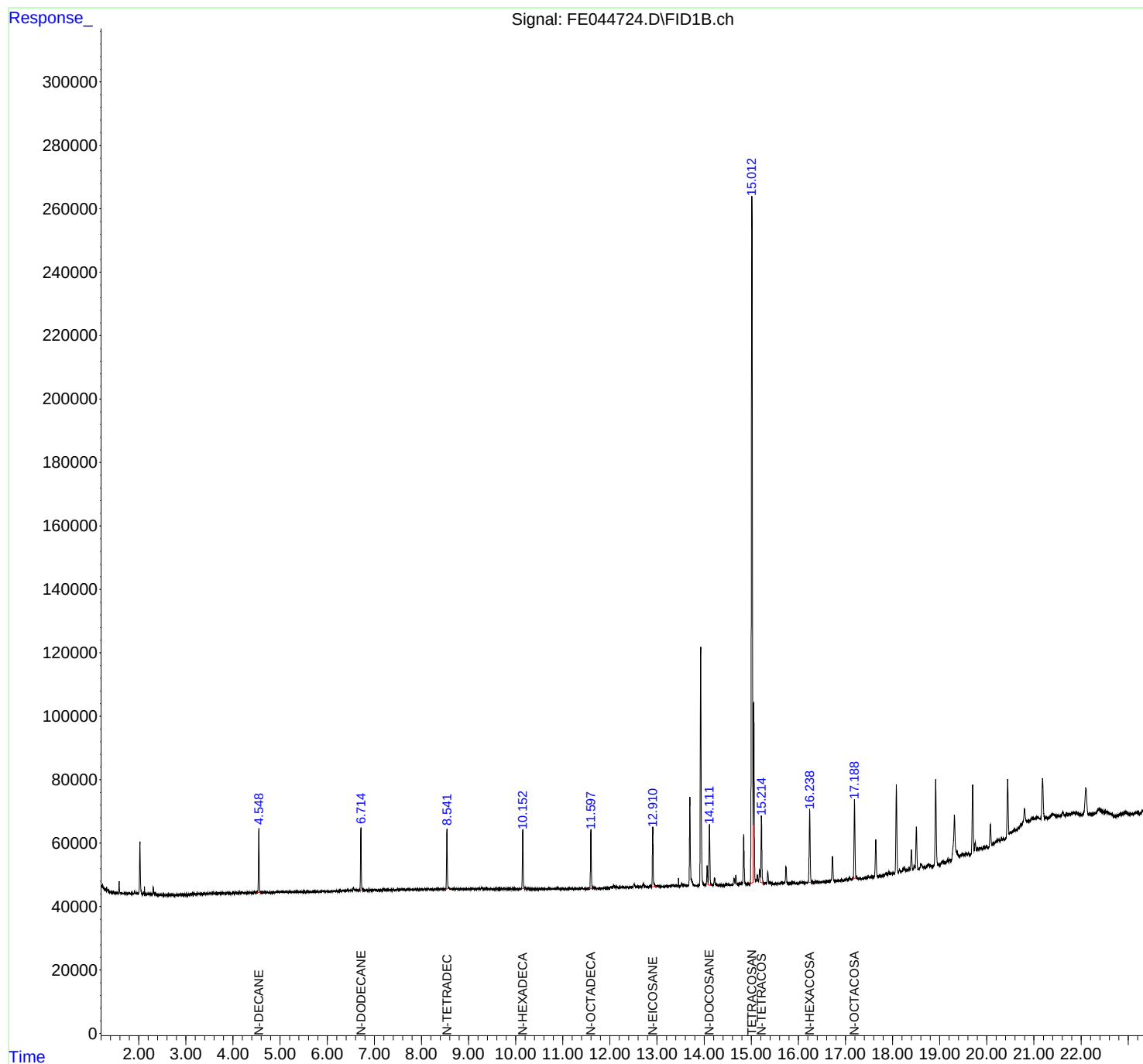
Instrument :
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MDL-SOIL-03-QT4-2023

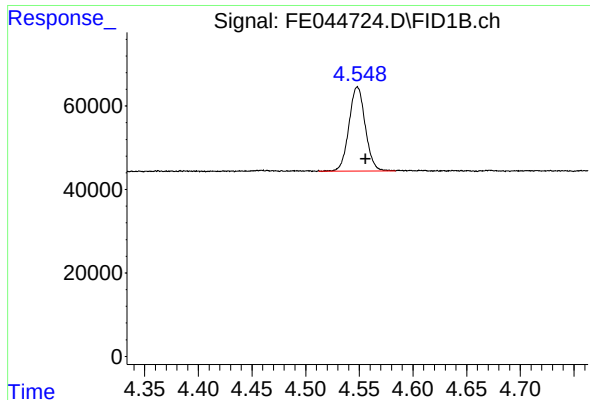
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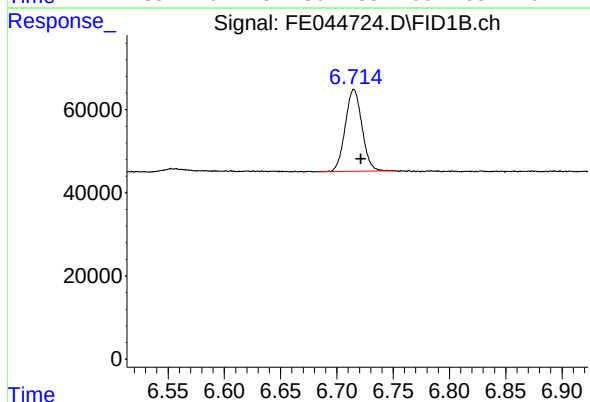
#2 N-DECANE

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 211534
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
MDL-SOIL-03-QT4-2023

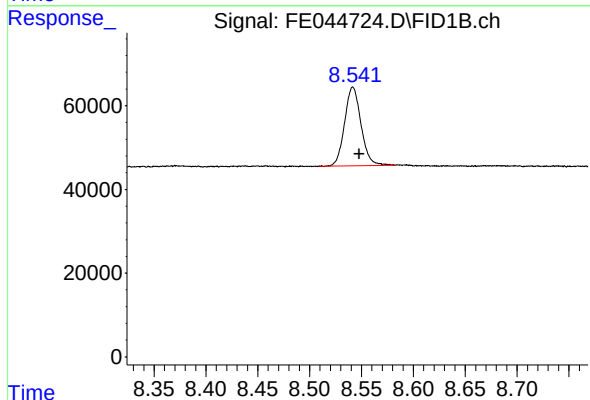
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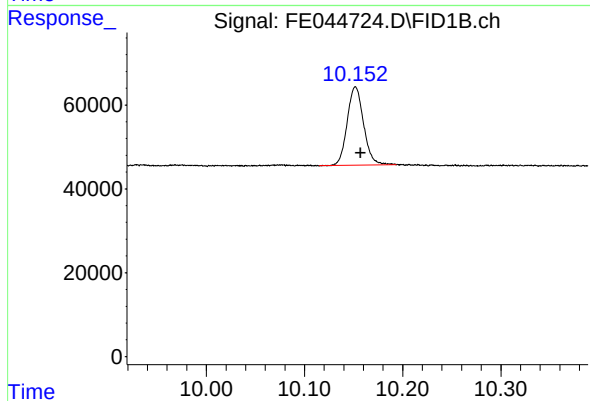
#3 N-DODECANE

R.T.: 6.715 min
Delta R.T.: -0.006 min
Response: 203160
Conc: 1.23 ug/ml



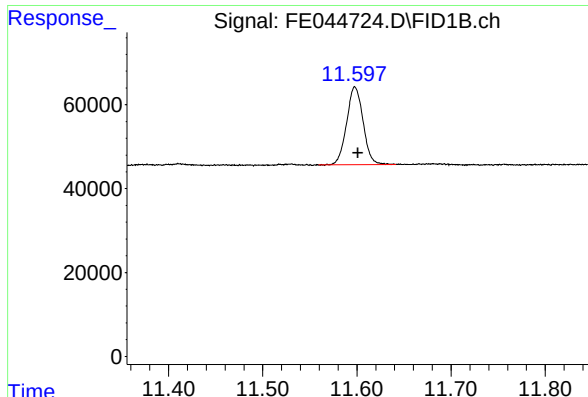
#4 N-TETRADECANE

R.T.: 8.542 min
Delta R.T.: -0.006 min
Response: 207725
Conc: 1.25 ug/ml



#5 N-HEXADECANE

R.T.: 10.152 min
Delta R.T.: -0.005 min
Response: 215634
Conc: 1.28 ug/ml



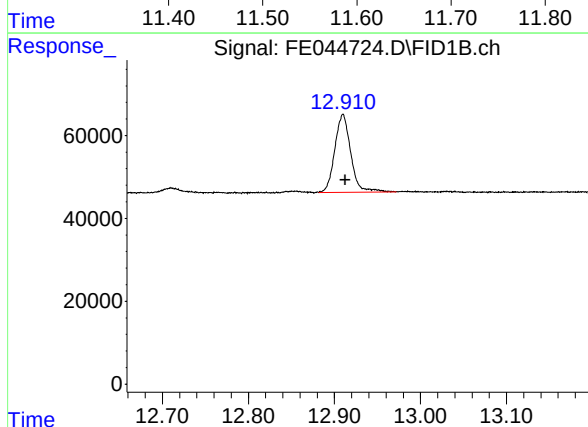
#6 N-OCTADECANE

R.T.: 11.598 min
Delta R.T.: -0.003 min
Response: 225322
Conc: 1.35 ug/ml

Instrument : FID_E
ClientSampleId : MDL-SOIL-03-QT4-2023

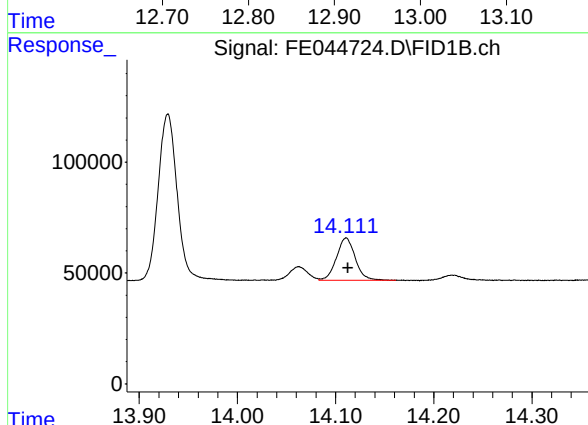
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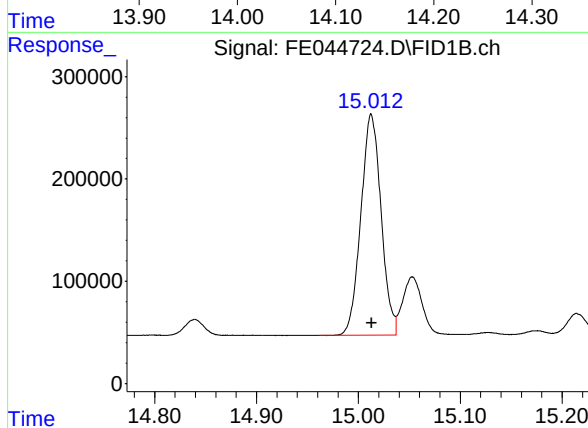
#7 N-EICOSANE

R.T.: 12.910 min
Delta R.T.: -0.003 min
Response: 243542
Conc: 1.49 ug/ml m



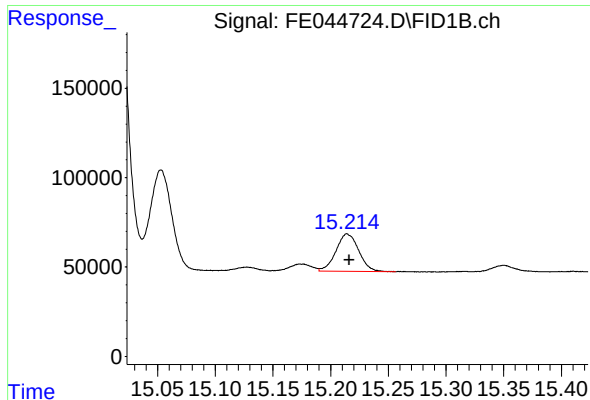
#8 N-DOCOSANE

R.T.: 14.111 min
Delta R.T.: -0.002 min
Response: 253271
Conc: 1.61 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: 0.000 min
Response: 2978492
Conc: 20.30 ug/ml



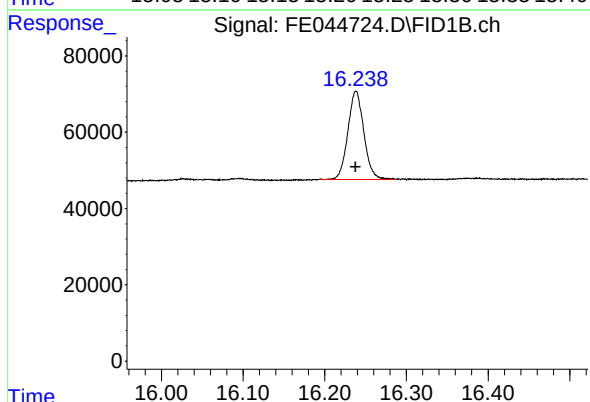
#10 N-TETRACOSANE

R.T.: 15.214 min
Delta R.T.: -0.002 min
Response: 289343
Conc: 1.87 ug/ml

Instrument : FID_E
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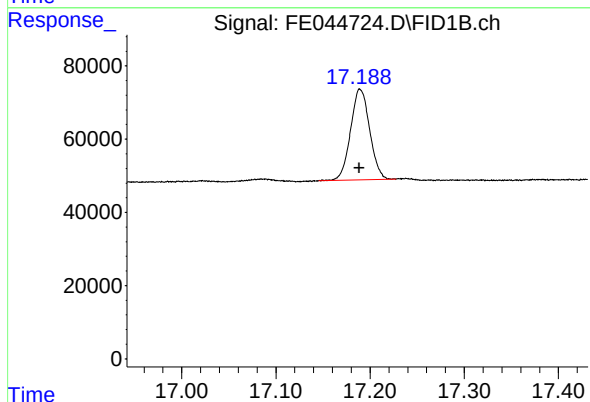
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#11 N-HEXACOSANE

R.T.: 16.238 min
Delta R.T.: 0.000 min
Response: 315228
Conc: 2.09 ug/ml



#12 N-OCTACOSANE

R.T.: 17.189 min
Delta R.T.: 0.000 min
Response: 348853
Conc: 2.35 ug/ml