

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923\
 Data File : FE044725.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 12:13
 Operator : YP\AJ
 Sample : 04699-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-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 23:43:55 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...	15.012	2252051	15.350 ug/ml
Target Compounds			
2) N-DECANE	4.548	159502	0.974 ug/ml
3) N-DODECANE	6.716	154630	0.933 ug/ml
4) N-TETRADECANE	8.542	154400	0.929 ug/ml
5) N-HEXADECANE	10.153	169792	1.008 ug/ml
6) N-OCTADECANE	11.598	172343	1.031 ug/ml
7) N-EICOSANE	12.909	184943	1.128 ug/mlm
8) N-DOCOSANE	14.111	191731	1.219 ug/ml
10) N-TETRACOSANE	15.215	219430	1.417 ug/ml
11) N-HEXACOSANE	16.237	238720	1.583 ug/ml
12) N-OCTACOSANE	17.190	266528	1.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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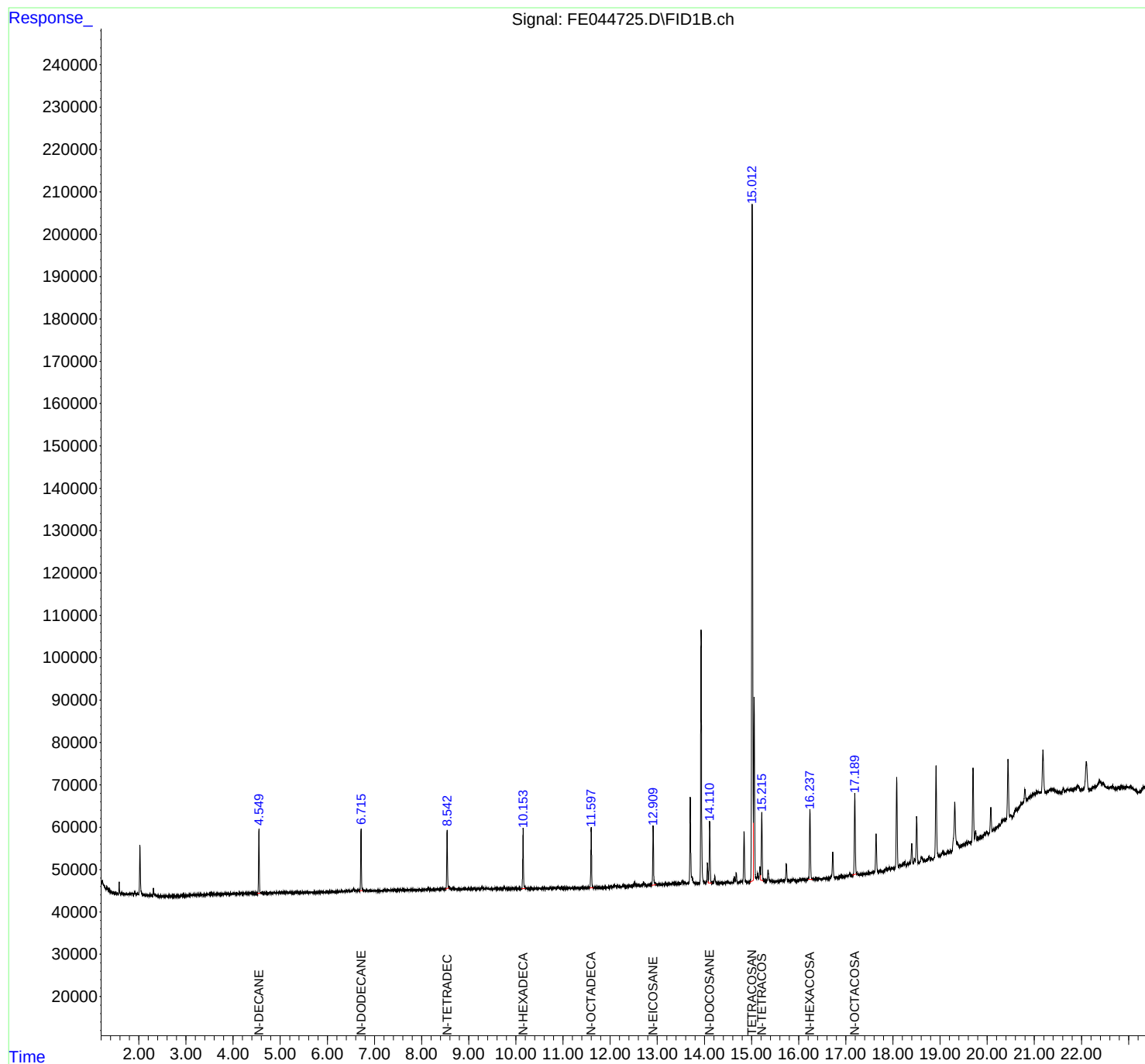
Instrument :
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MDL-WATER-03-QT4-2023

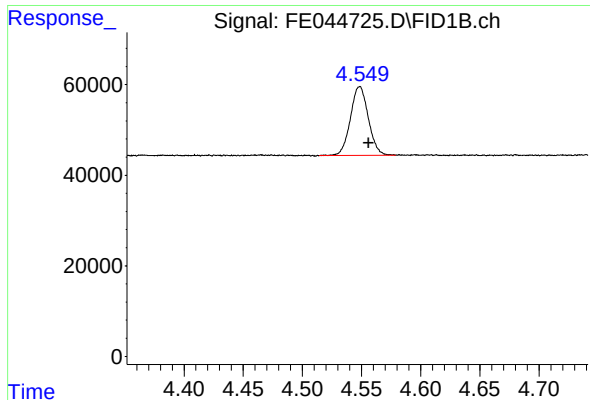
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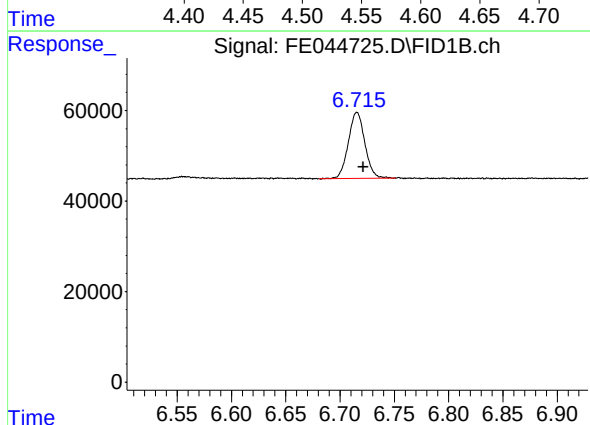
#2 N-DECANE

R.T.: 4.548 min
Delta R.T.: -0.008 min
Response: 159502
Conc: 0.97 ug/ml

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

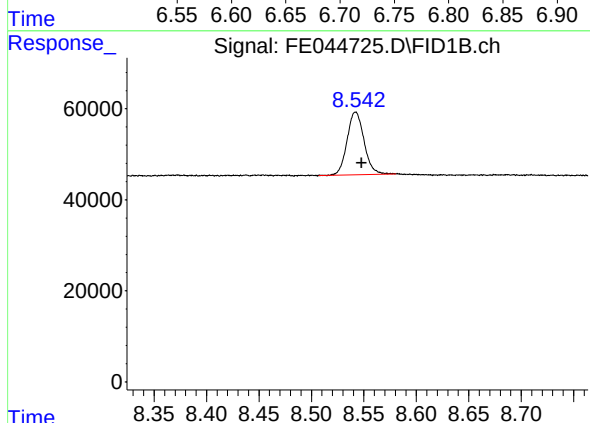
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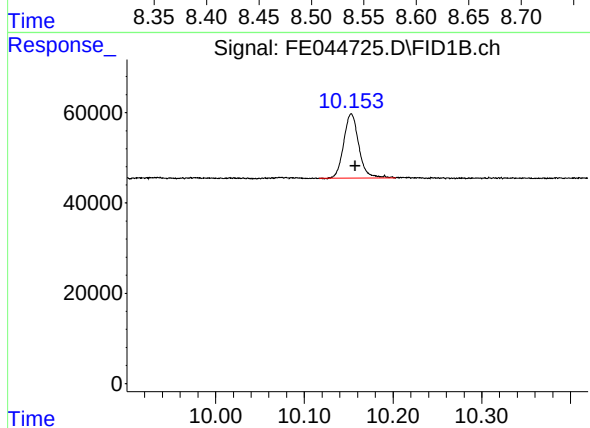
#3 N-DODECANE

R.T.: 6.716 min
Delta R.T.: -0.006 min
Response: 154630
Conc: 0.93 ug/ml



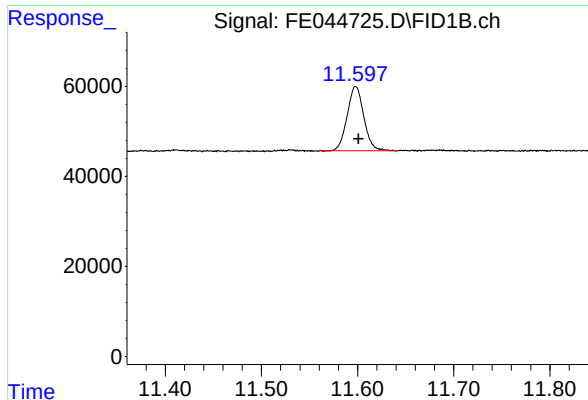
#4 N-TETRADECANE

R.T.: 8.542 min
Delta R.T.: -0.006 min
Response: 154400
Conc: 0.93 ug/ml



#5 N-HEXADECANE

R.T.: 10.153 min
Delta R.T.: -0.004 min
Response: 169792
Conc: 1.01 ug/ml



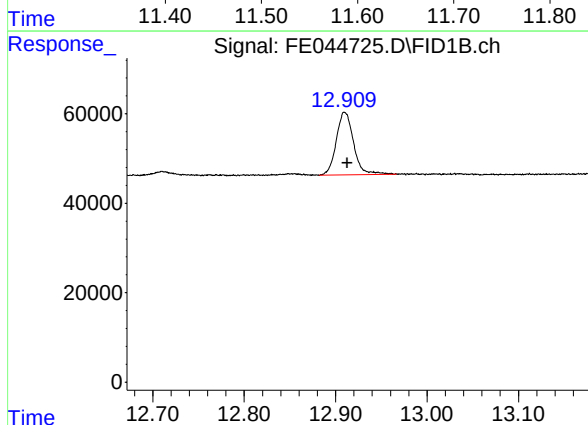
#6 N-OCTADECANE

R.T.: 11.598 min
Delta R.T.: -0.003 min
Response: 172343
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :
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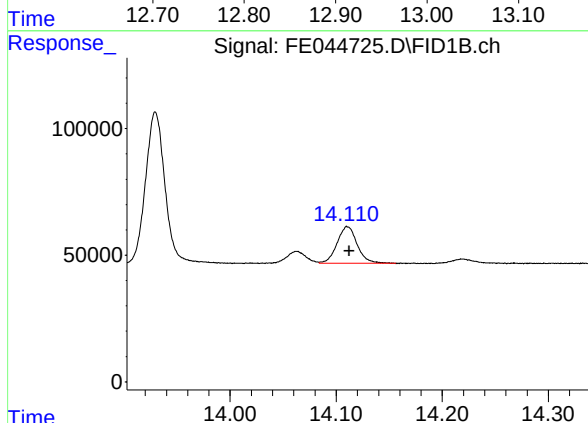
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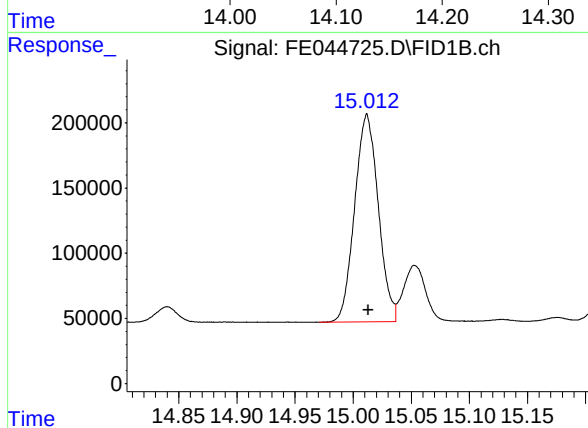
#7 N-EICOSANE

R.T.: 12.909 min
Delta R.T.: -0.003 min
Response: 184943
Conc: 1.13 ug/ml m



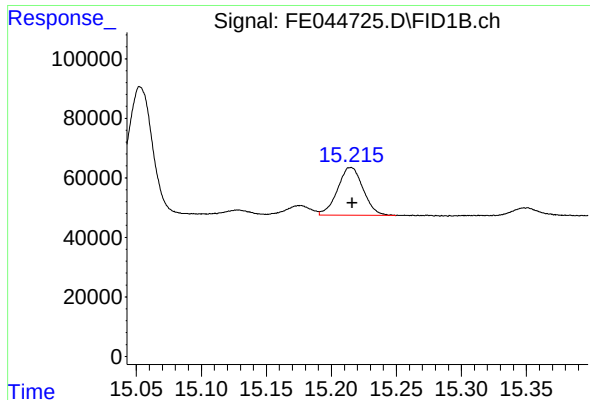
#8 N-DOCOSANE

R.T.: 14.111 min
Delta R.T.: -0.002 min
Response: 191731
Conc: 1.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.012 min
Delta R.T.: -0.001 min
Response: 2252051
Conc: 15.35 ug/ml



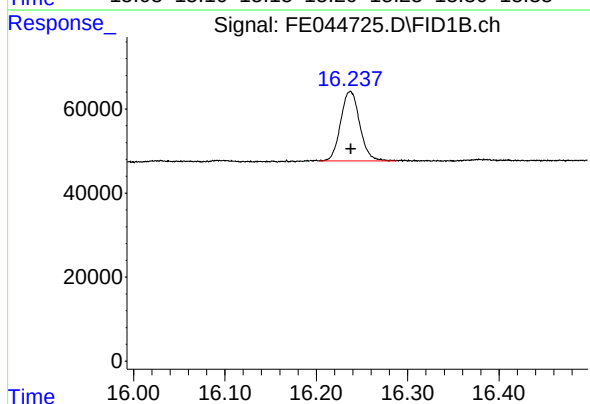
#10 N-TETRACOSANE

R.T.: 15.215 min
Delta R.T.: -0.001 min
Response: 219430
Conc: 1.42 ug/ml

Instrument :
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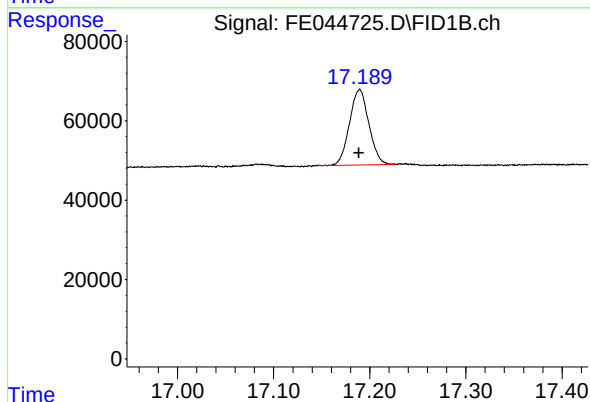
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#11 N-HEXACOSANE

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 238720
Conc: 1.58 ug/ml



#12 N-OCTACOSANE

R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 266528
Conc: 1.79 ug/ml