

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100522\
 Data File : FE037966.D
 Signal(s) : FID1B.ch
 Acq On : 05 Oct 2022 22:10
 Operator : YP\AJ
 Sample : N4955-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2022
 Supervised By :Ankita Jodhani 10/06/2022

Integration File: autoint1.e
 Quant Time: Oct 06 05:47:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE100522.M
 Quant Title :
 QLast Update : Wed Oct 05 16:55:43 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...	14.668	2551281	19.642 ug/ml
Target Compounds			
2) N-DECANE	4.266	103995	0.777 ug/mlm
3) N-DODECANE	6.439	106267	0.760 ug/mlm
4) N-TETRADECANE	8.256	131506	0.905 ug/mlm
5) N-HEXADECANE	9.850	128994	0.860 ug/mlm
6) N-OCTADECANE	11.283	140403	0.925 ug/mlm
7) N-EICOSANE	12.583	146746	0.964 ug/mlm
8) N-DOCOSANE	13.774	144984	0.973 ug/ml
10) N-TETRACOSANE	14.869	161607	1.087 ug/ml
11) N-HEXACOSANE	15.884	150616	1.042 ug/ml
12) N-OCTACOSANE	16.828	154156	1.096 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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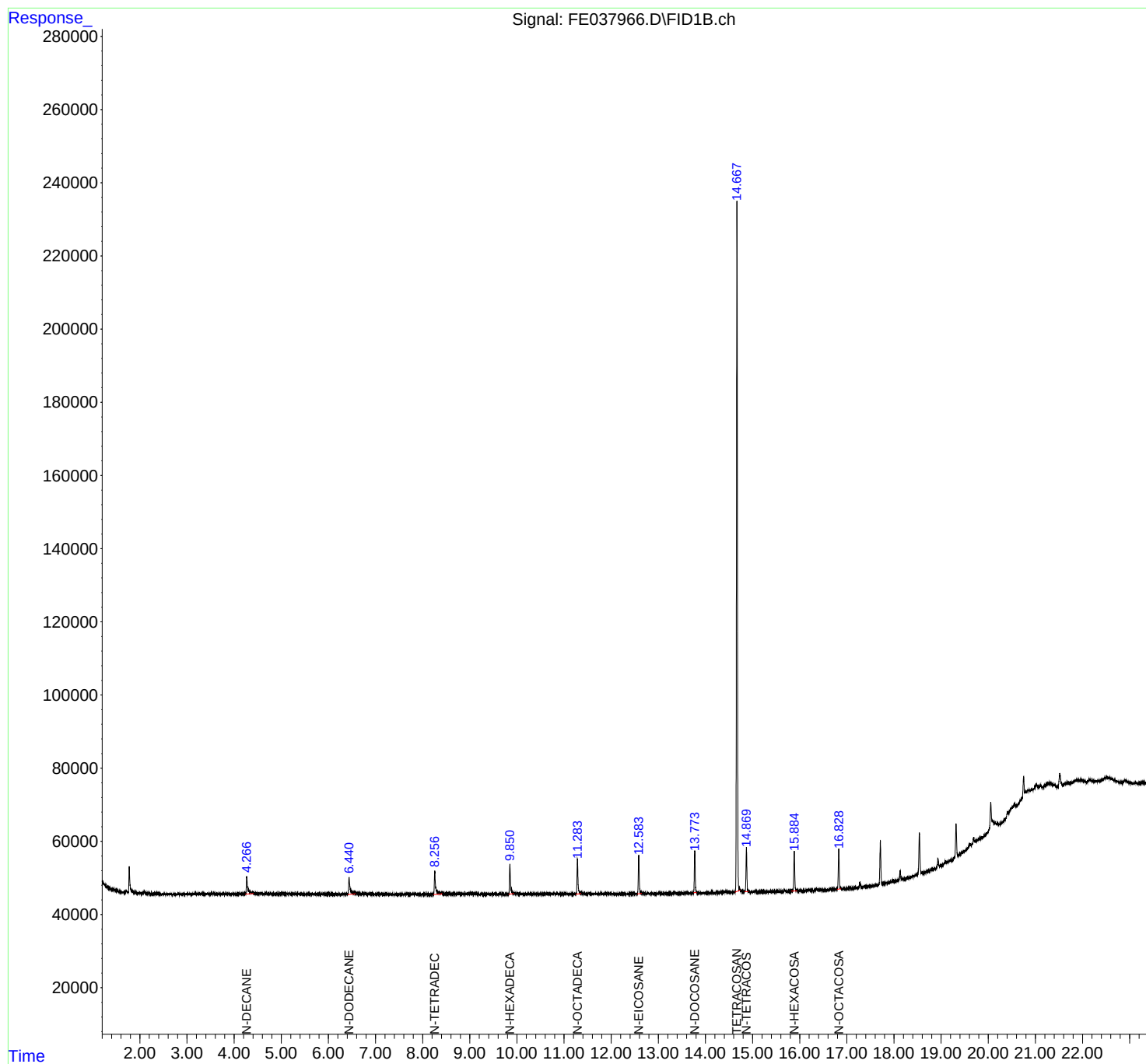
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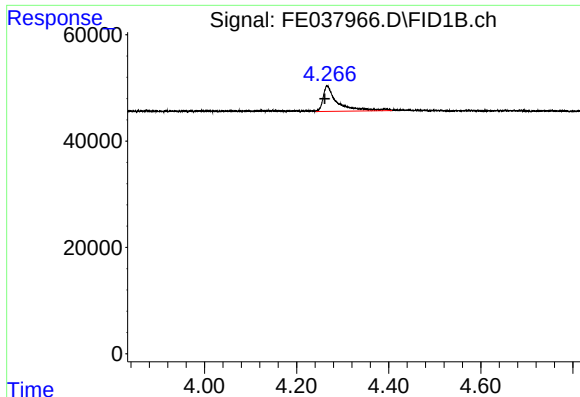
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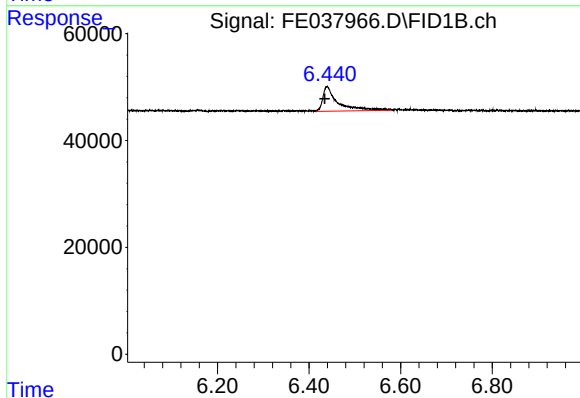
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: 0.005 min
Response: 103995
Conc: 0.78 ug/ml

Instrument : FID_E
ClientSampleId : LOD-MDL-WATER-01-QT4-2022

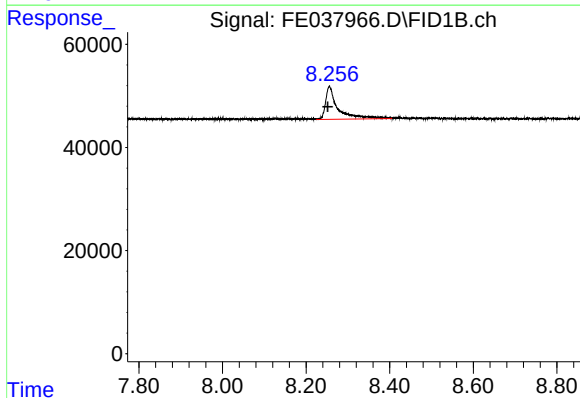
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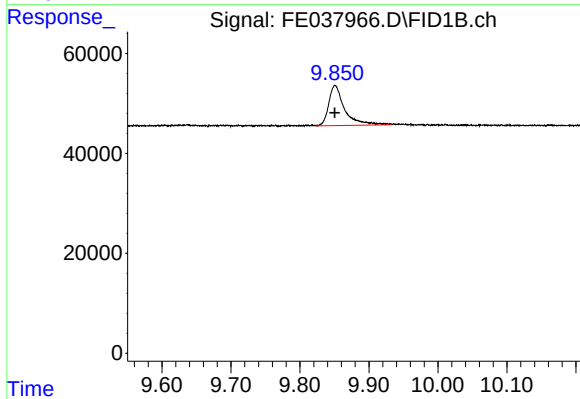
#3 N-DODECANE

R.T.: 6.439 min
Delta R.T.: 0.006 min
Response: 106267
Conc: 0.76 ug/ml m



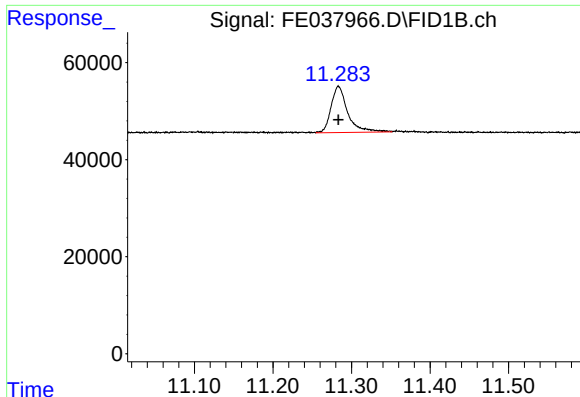
#4 N-TETRADECANE

R.T.: 8.256 min
Delta R.T.: 0.004 min
Response: 131506
Conc: 0.90 ug/ml m



#5 N-HEXADECANE

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 128994
Conc: 0.86 ug/ml m



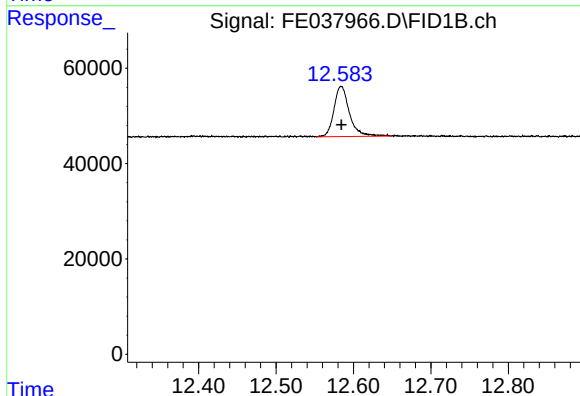
#6 N-OCTADECANE

R.T.: 11.283 min
Delta R.T.: 0.000 min
Response: 140403
Conc: 0.92 ug/ml

Instrument :
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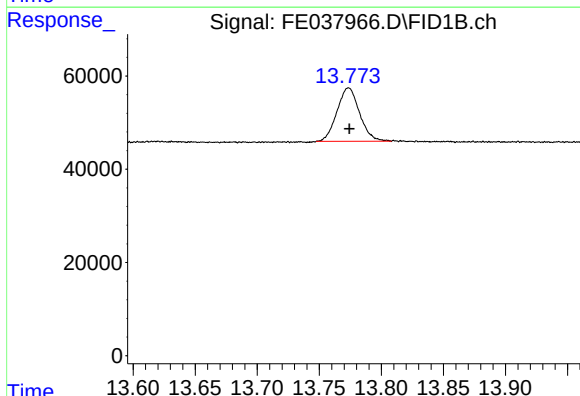
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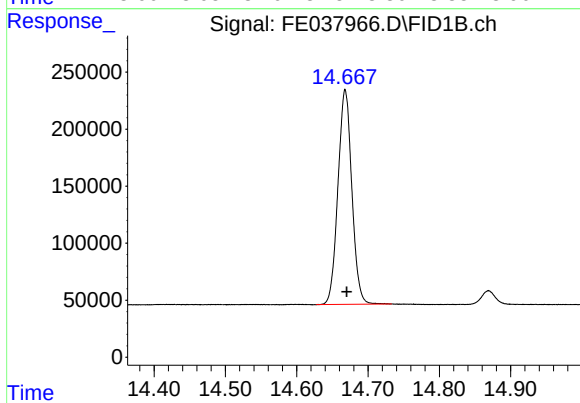
#7 N-EICOSANE

R.T.: 12.583 min
Delta R.T.: -0.002 min
Response: 146746
Conc: 0.96 ug/ml m



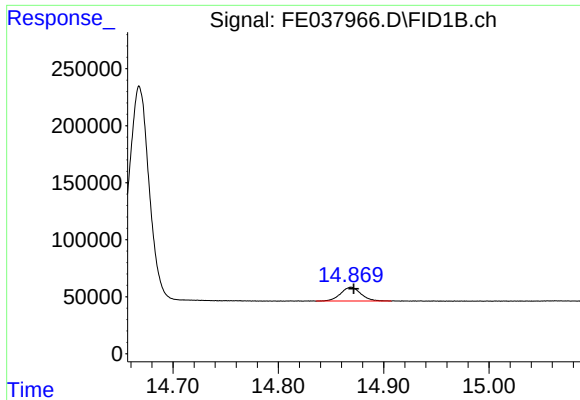
#8 N-DOCOSANE

R.T.: 13.774 min
Delta R.T.: 0.000 min
Response: 144984
Conc: 0.97 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.668 min
Delta R.T.: -0.002 min
Response: 2551281
Conc: 19.64 ug/ml



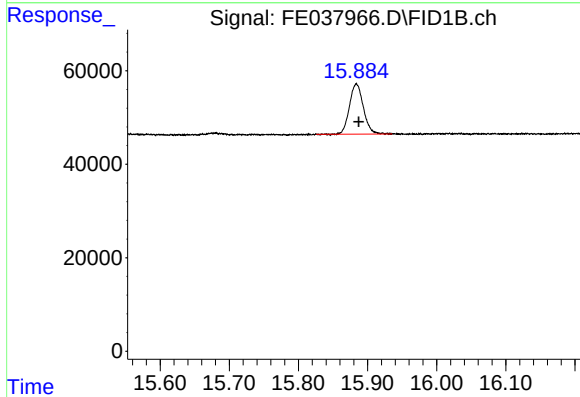
#10 N-TETRACOSANE

R.T.: 14.869 min
Delta R.T.: -0.002 min
Response: 161607
Conc: 1.09 ug/ml

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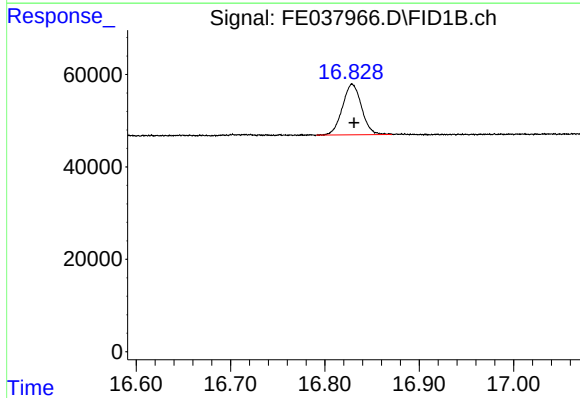
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#11 N-HEXACOSANE

R.T.: 15.884 min
Delta R.T.: -0.003 min
Response: 150616
Conc: 1.04 ug/ml



#12 N-OCTACOSANE

R.T.: 16.828 min
Delta R.T.: -0.002 min
Response: 154156
Conc: 1.10 ug/ml