

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037991.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 19:05
 Operator : YP\AJ
 Sample : N4955-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:52:21 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...	14.665	2176618	16.757 ug/ml
Target Compounds			
2) N-DECANE	4.266	115077	0.860 ug/mlm
3) N-DODECANE	6.441	132872	0.950 ug/mlm
4) N-TETRADECANE	8.256	122392	0.842 ug/mlm
5) N-HEXADECANE	9.850	121858	0.813 ug/mlm
6) N-OCTADECANE	11.281	128180	0.844 ug/mlm
7) N-EICOSANE	12.582	132164	0.868 ug/mlm
8) N-DOCOSANE	13.772	128197	0.861 ug/ml
10) N-TETRACOSANE	14.868	138640	0.932 ug/ml
11) N-HEXACOSANE	15.882	129861	0.899 ug/ml
12) N-OCTACOSANE	16.824	126153	0.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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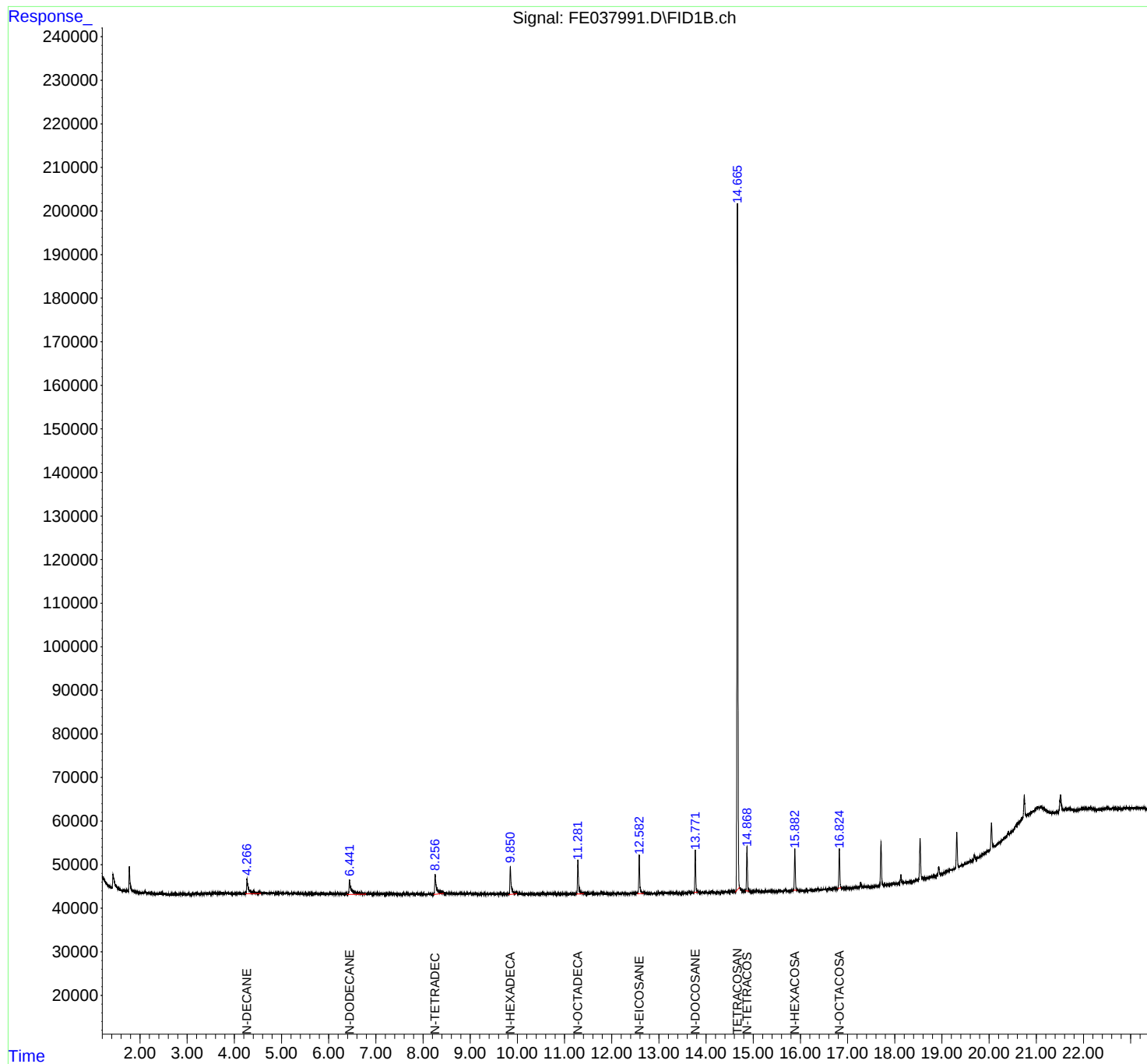
Instrument :
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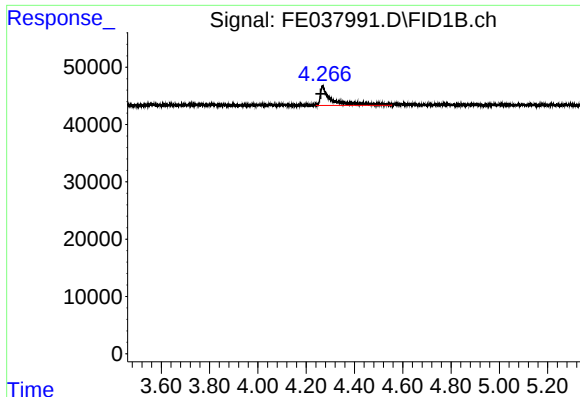
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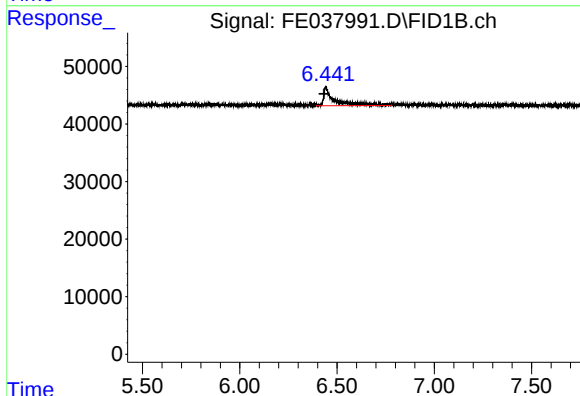
#2 N-DECANE

R.T.: 4.266 min
Delta R.T.: 0.005 min
Response: 115077
Conc: 0.86 ug/ml

Instrument : FID_E
ClientSampleId : MDL-WATER-03-QT4-2022

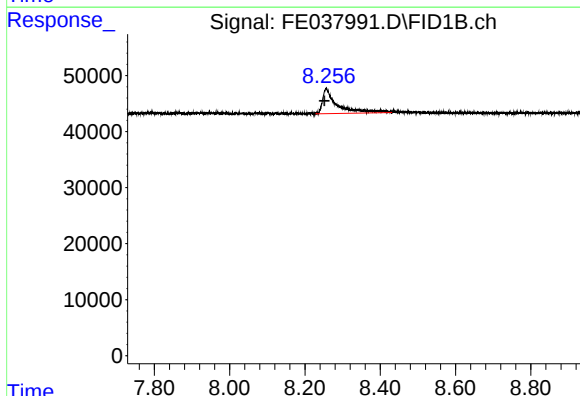
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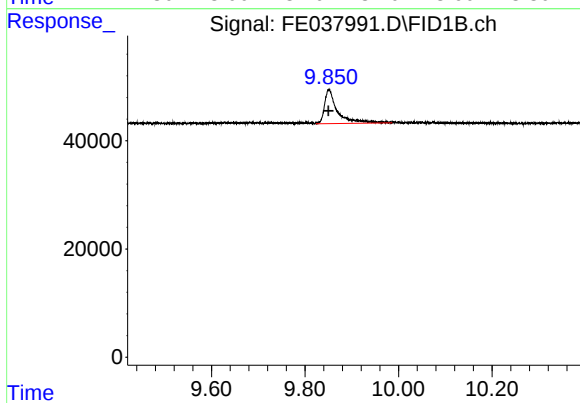
#3 N-DODECANE

R.T.: 6.441 min
Delta R.T.: 0.007 min
Response: 132872
Conc: 0.95 ug/ml m



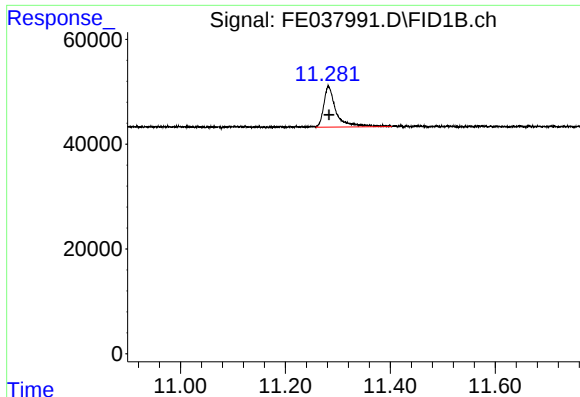
#4 N-TETRADECANE

R.T.: 8.256 min
Delta R.T.: 0.005 min
Response: 122392
Conc: 0.84 ug/ml m



#5 N-HEXADECANE

R.T.: 9.850 min
Delta R.T.: 0.000 min
Response: 121858
Conc: 0.81 ug/ml m



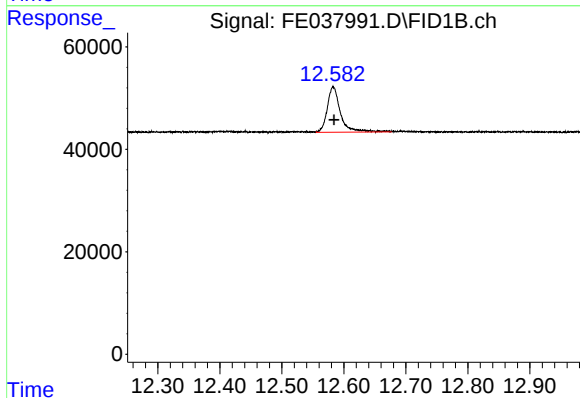
#6 N-OCTADECANE

R.T.: 11.281 min
Delta R.T.: -0.002 min
Response: 128180
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :
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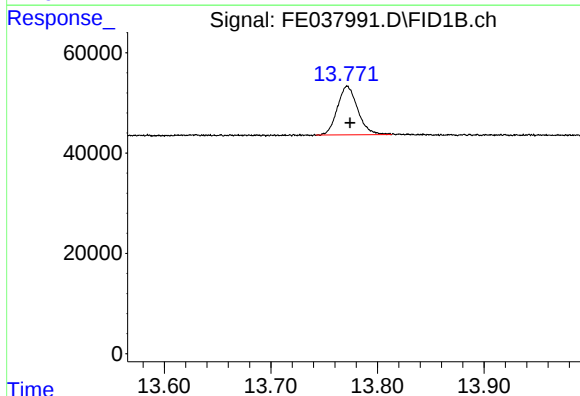
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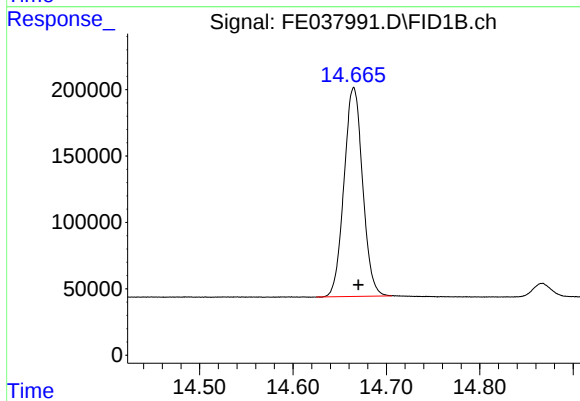
#7 N-EICOSANE

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 132164
Conc: 0.87 ug/ml m



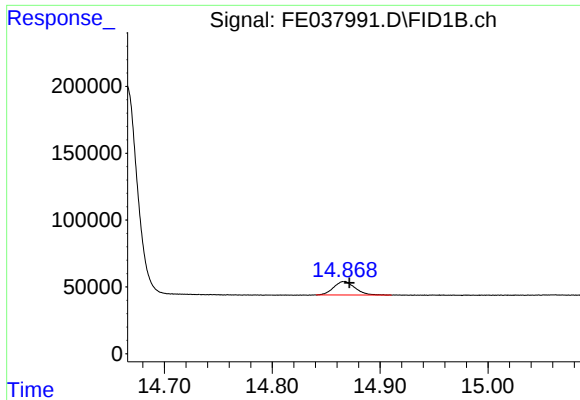
#8 N-DOCOSANE

R.T.: 13.772 min
Delta R.T.: -0.002 min
Response: 128197
Conc: 0.86 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.665 min
Delta R.T.: -0.005 min
Response: 2176618
Conc: 16.76 ug/ml



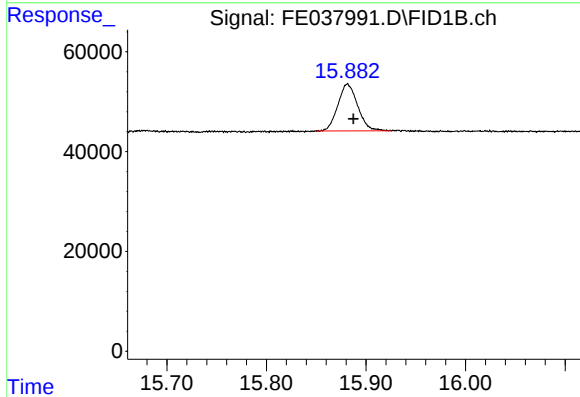
#10 N-TETRACOSANE

R.T.: 14.868 min
Delta R.T.: -0.004 min
Response: 138640
Conc: 0.93 ug/ml

Instrument :
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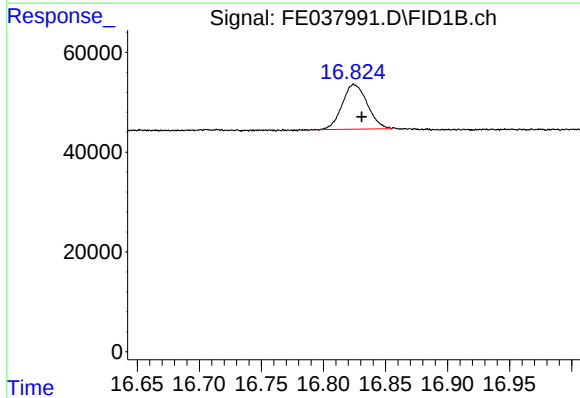
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#11 N-HEXACOSANE

R.T.: 15.882 min
Delta R.T.: -0.006 min
Response: 129861
Conc: 0.90 ug/ml



#12 N-OCTACOSANE

R.T.: 16.824 min
Delta R.T.: -0.007 min
Response: 126153
Conc: 0.90 ug/ml