

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037980.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 13:20
 Operator : YP\AJ
 Sample : N4955-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-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 04:50:58 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...	14.667	2228779	17.159 ug/ml
Target Compounds			
1) N-OCTANE	1.774	108245	0.799 ug/mlm
2) N-DECANE	4.265	104899	0.784 ug/mlm
3) N-DODECANE	6.439	114522	0.819 ug/mlm
4) N-TETRADECANE	8.255	130232	0.896 ug/mlm
5) N-HEXADECANE	9.851	124757	0.832 ug/mlm
6) N-OCTADECANE	11.284	131655	0.867 ug/mlm
7) N-EICOSANE	12.583	125303	0.823 ug/ml
8) N-DOCOSANE	13.773	135508	0.910 ug/ml
10) N-TETRACOSANE	14.870	148077	0.996 ug/ml
11) N-HEXACOSANE	15.885	139762	0.967 ug/ml
12) N-OCTACOSANE	16.828	145280	1.032 ug/ml
13) N-TRIACONTANE	17.712	158695	1.143 ug/ml
14) N-DOTRIACONTANE	18.539	155702	1.108 ug/ml
15) N-TETRATRIACONTANE	19.315	131214	0.934 ug/ml
16) N-HEXATRIACONTANE	20.050	102123	0.754 ug/ml
17) N-OCTATRIACONTANE	20.750	87443	0.642 ug/mlm
18) N-TETRACONTANE	21.512	116307	0.804 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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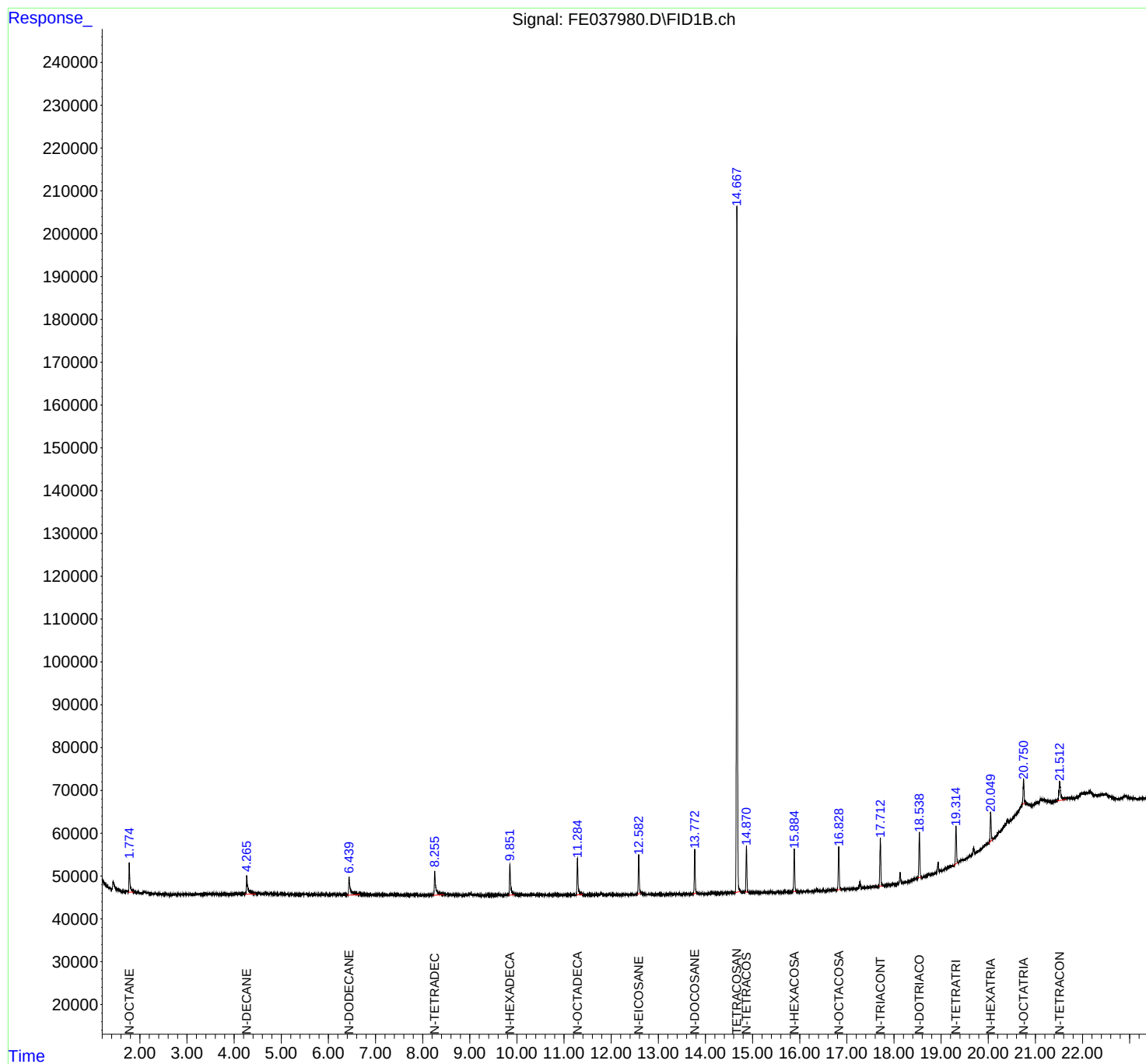
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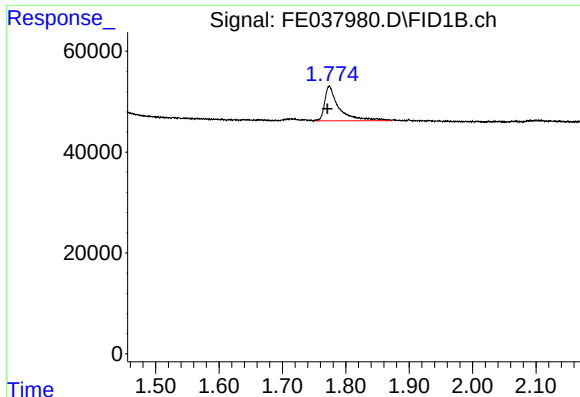
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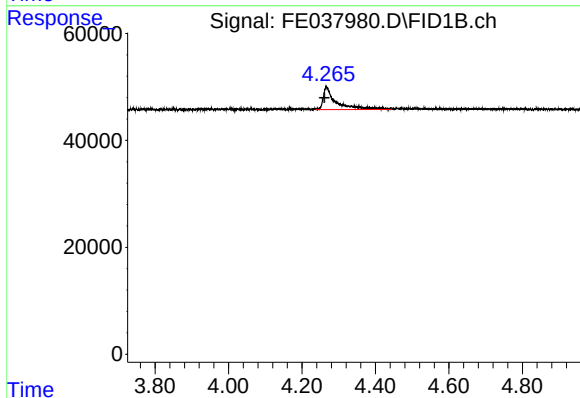
#1 N-OCTANE

R.T.: 1.774 min
Delta R.T.: 0.003 min
Response: 108245
Conc: 0.80 ug/ml

Instrument : FID_E
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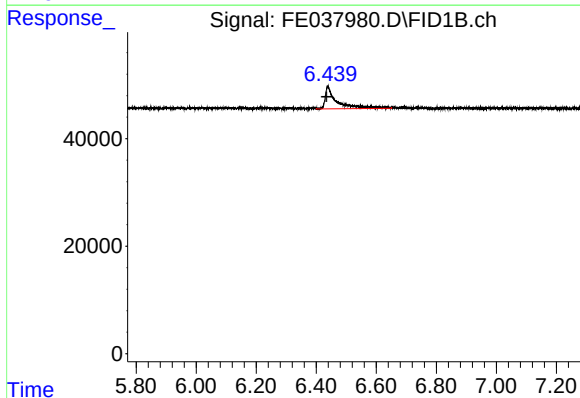
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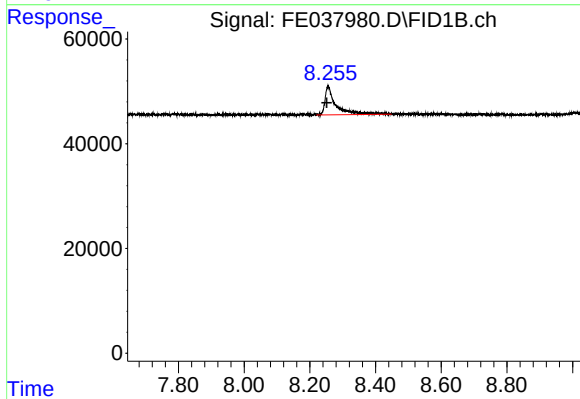
#2 N-DECANE

R.T.: 4.265 min
Delta R.T.: 0.004 min
Response: 104899
Conc: 0.78 ug/ml m



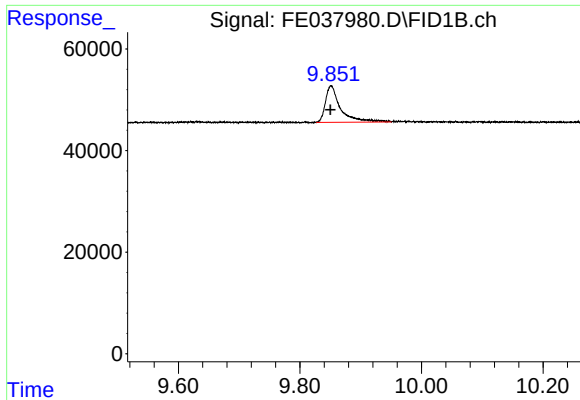
#3 N-DODECANE

R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 114522
Conc: 0.82 ug/ml m



#4 N-TETRADECANE

R.T.: 8.255 min
Delta R.T.: 0.003 min
Response: 130232
Conc: 0.90 ug/ml m



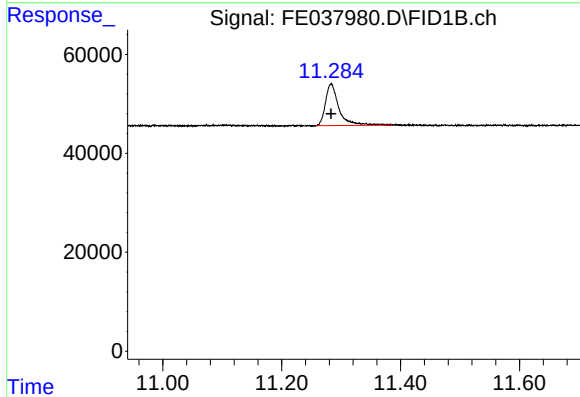
#5 N-HEXADECANE

R.T.: 9.851 min
Delta R.T.: 0.000 min
Response: 124757
Conc: 0.83 ug/ml

Instrument :
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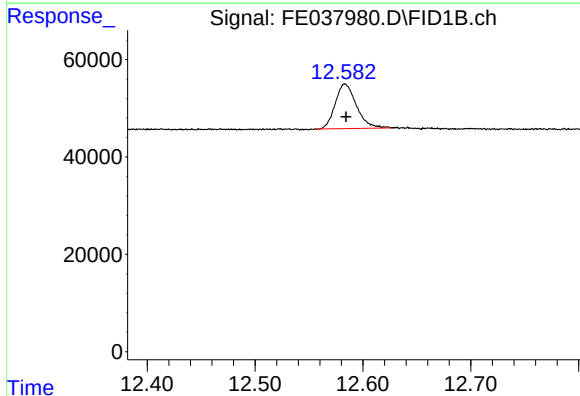
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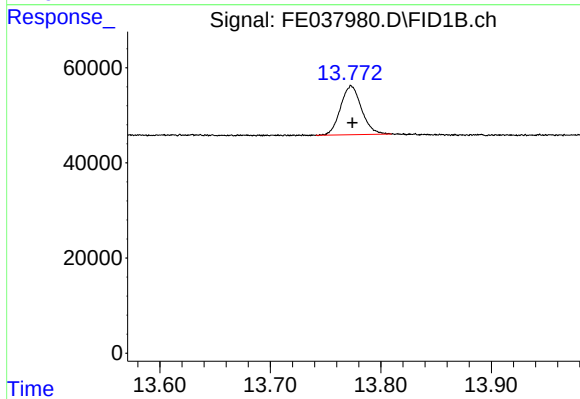
#6 N-OCTADECANE

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 131655
Conc: 0.87 ug/ml m



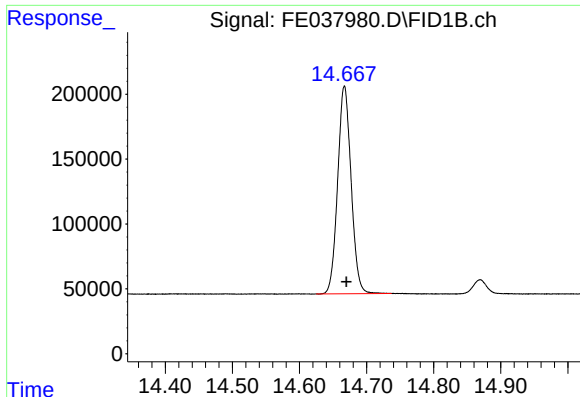
#7 N-EICOSANE

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 125303
Conc: 0.82 ug/ml



#8 N-DOCOSANE

R.T.: 13.773 min
Delta R.T.: -0.001 min
Response: 135508
Conc: 0.91 ug/ml



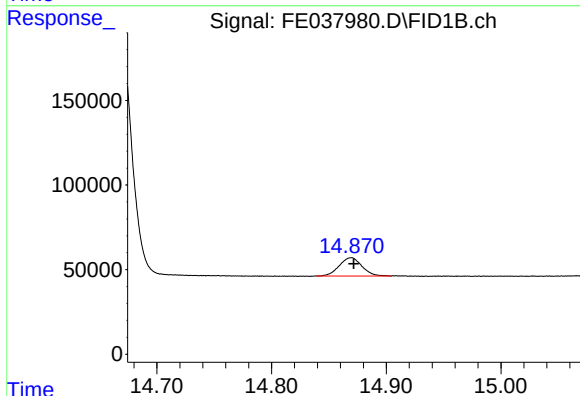
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.667 min
Delta R.T.: -0.003 min
Response: 2228779
Conc: 17.16 ug/ml

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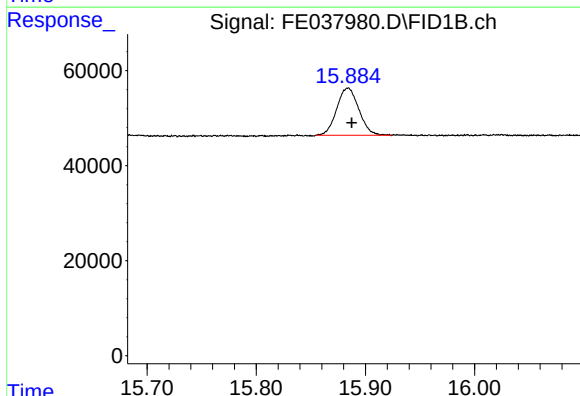
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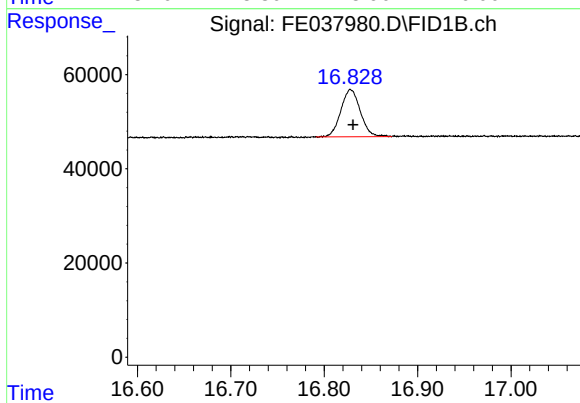
#10 N-TETRACOSANE

R.T.: 14.870 min
Delta R.T.: -0.001 min
Response: 148077
Conc: 1.00 ug/ml



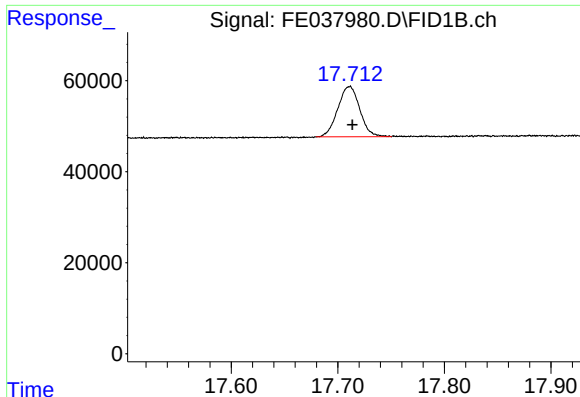
#11 N-HEXACOSANE

R.T.: 15.885 min
Delta R.T.: -0.003 min
Response: 139762
Conc: 0.97 ug/ml



#12 N-OCTACOSANE

R.T.: 16.828 min
Delta R.T.: -0.003 min
Response: 145280
Conc: 1.03 ug/ml



#13 N-TRIACONTANE

R.T.: 17.712 min
Delta R.T.: -0.002 min
Response: 158695
Conc: 1.14 ug/ml

Instrument :

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#14 N-DOTRIACONTANE

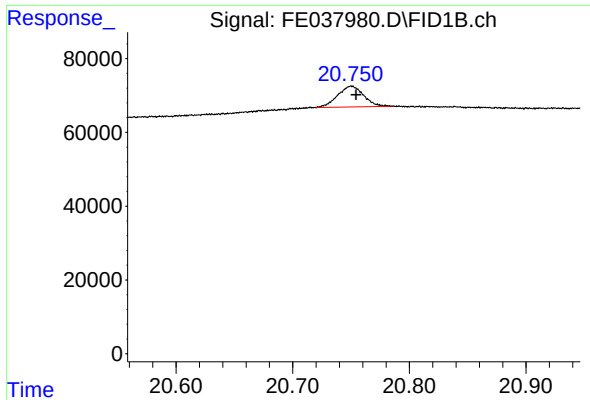
R.T.: 18.539 min
Delta R.T.: -0.004 min
Response: 155702
Conc: 1.11 ug/ml

#15 N-TETRATRIACONTANE

R.T.: 19.315 min
Delta R.T.: -0.007 min
Response: 131214
Conc: 0.93 ug/ml

#16 N-HEXATRIACONTANE

R.T.: 20.050 min
Delta R.T.: -0.008 min
Response: 102123
Conc: 0.75 ug/ml



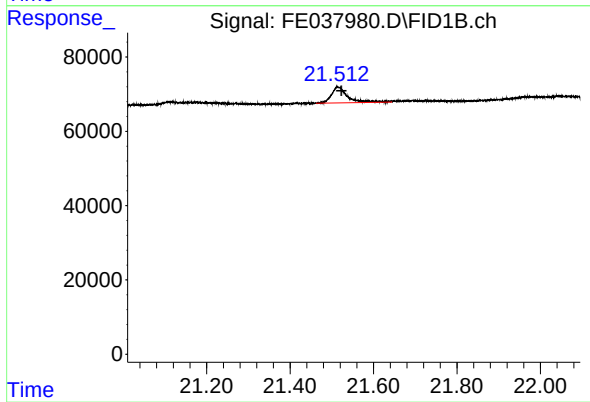
#17 N-OCTATRIACONTANE

R.T.: 20.750 min
Delta R.T.: -0.005 min
Response: 87443
Conc: 0.64 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.512 min
Delta R.T.: -0.010 min
Response: 116307
Conc: 0.80 ug/ml m