

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100622\
 Data File : FE037981.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2022 13:51
 Operator : YP\AJ
 Sample : N4955-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 15 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 04:51:06 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...	14.666	2390803	18.406 ug/ml
Target Compounds			
1) N-OCTANE	1.771	284332	2.099 ug/mlm
2) N-DECANE	4.262	298103	2.228 ug/mlm
3) N-DODECANE	6.434	318692	2.280 ug/mlm
4) N-TETRADECANE	8.252	332698	2.289 ug/mlm
5) N-HEXADECANE	9.849	303808	2.026 ug/ml
6) N-OCTADECANE	11.281	328123	2.161 ug/ml
7) N-EICOSANE	12.581	341530	2.243 ug/ml
8) N-DOCOSANE	13.772	357882	2.403 ug/ml
10) N-TETRACOSANE	14.867	374719	2.520 ug/ml
11) N-HEXACOSANE	15.882	353763	2.448 ug/ml
12) N-OCTACOSANE	16.827	347948	2.473 ug/ml
13) N-TRIACONTANE	17.709	359324	2.589 ug/ml
14) N-DOTRIACONTANE	18.538	349389	2.485 ug/ml
15) N-TETRATRIACONTANE	19.316	293744	2.092 ug/ml
16) N-HEXATRIACONTANE	20.052	232252	1.714 ug/ml
17) N-OCTATRIACONTANE	20.749	203538	1.494 ug/ml
18) N-TETRACONTANE	21.516	223277	1.543 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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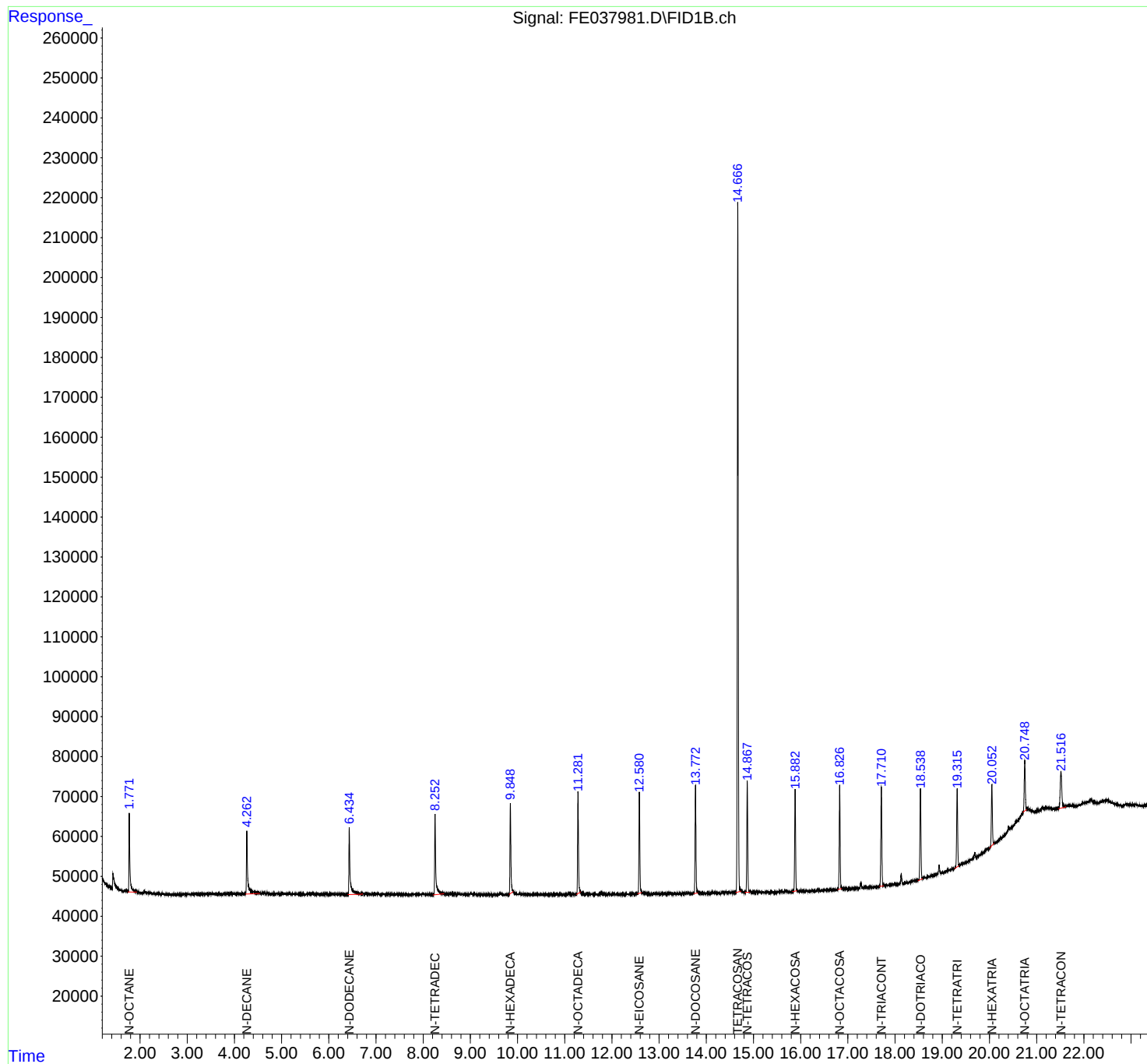
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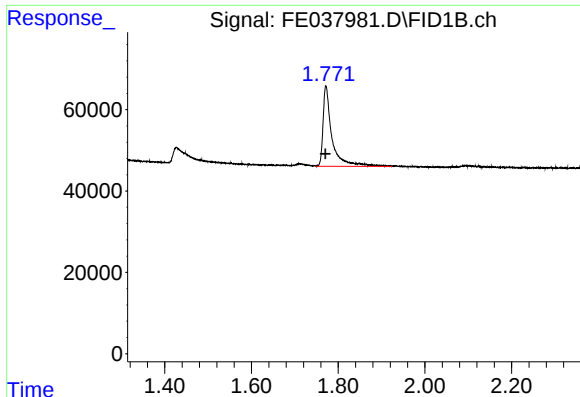
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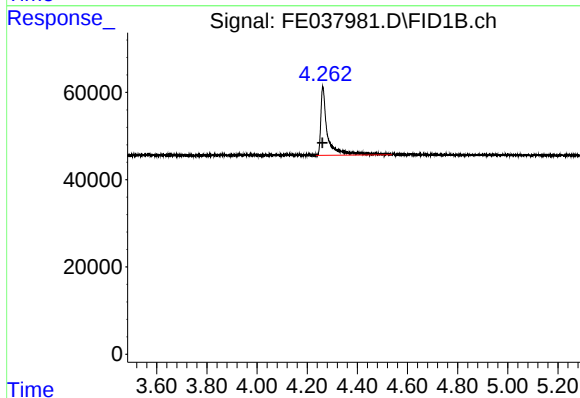
#1 N-OCTANE

R.T.: 1.771 min
Delta R.T.: 0.000 min
Response: 284332
Conc: 2.10 ug/ml

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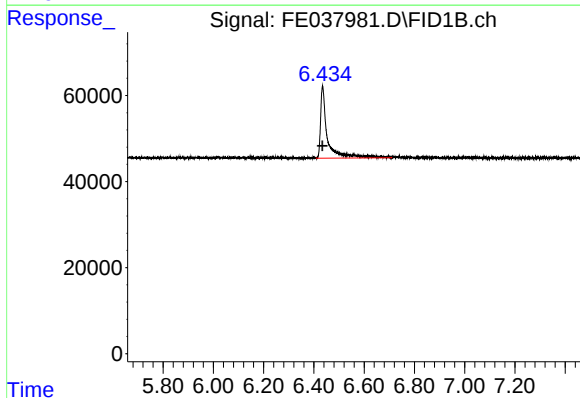
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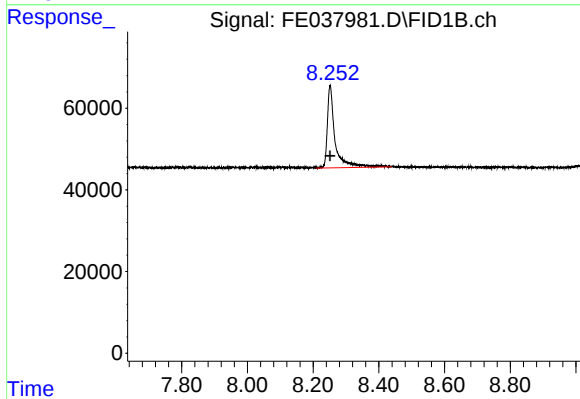
#2 N-DECANE

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 298103
Conc: 2.23 ug/ml m



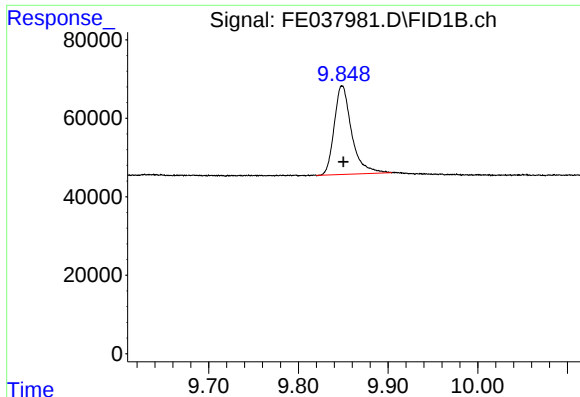
#3 N-DODECANE

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 318692
Conc: 2.28 ug/ml m



#4 N-TETRADECANE

R.T.: 8.252 min
Delta R.T.: 0.000 min
Response: 332698
Conc: 2.29 ug/ml m



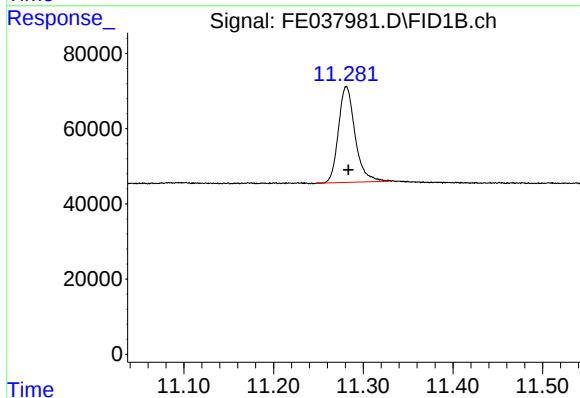
#5 N-HEXADECANE

R.T.: 9.849 min
Delta R.T.: -0.001 min
Response: 303808
Conc: 2.03 ug/ml

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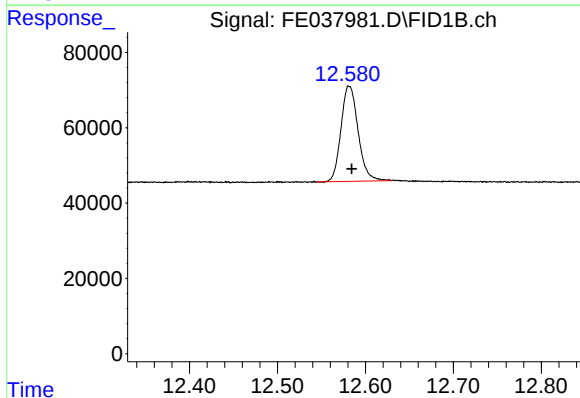
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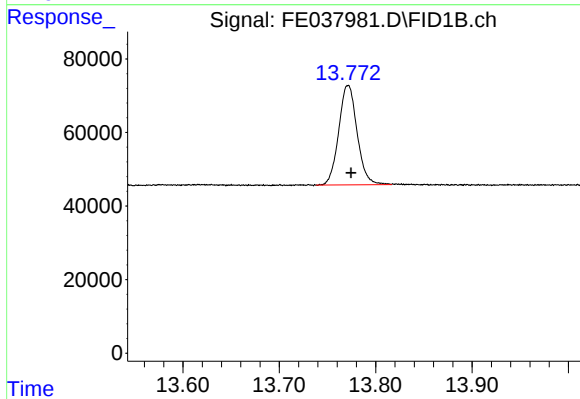
#6 N-OCTADECANE

R.T.: 11.281 min
Delta R.T.: -0.002 min
Response: 328123
Conc: 2.16 ug/ml



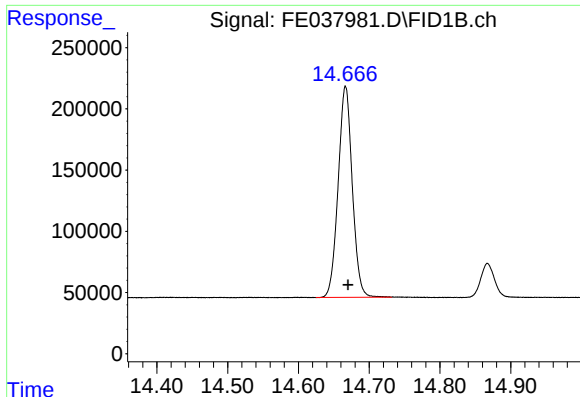
#7 N-EICOSANE

R.T.: 12.581 min
Delta R.T.: -0.004 min
Response: 341530
Conc: 2.24 ug/ml



#8 N-DOCOSANE

R.T.: 13.772 min
Delta R.T.: -0.002 min
Response: 357882
Conc: 2.40 ug/ml



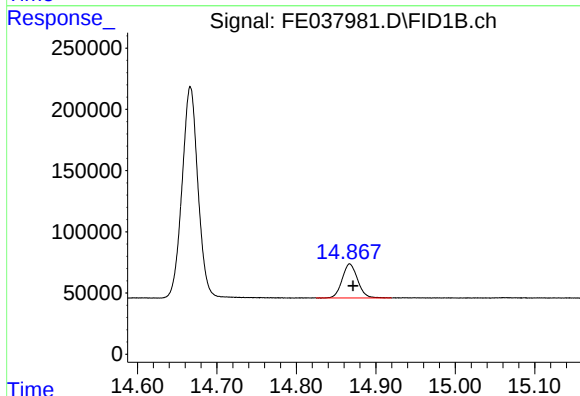
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.666 min
Delta R.T.: -0.004 min
Response: 2390803
Conc: 18.41 ug/ml

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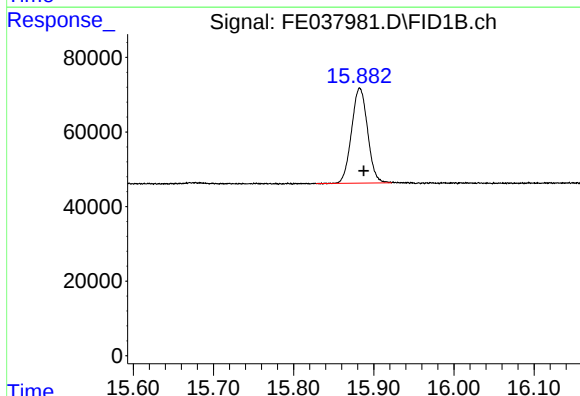
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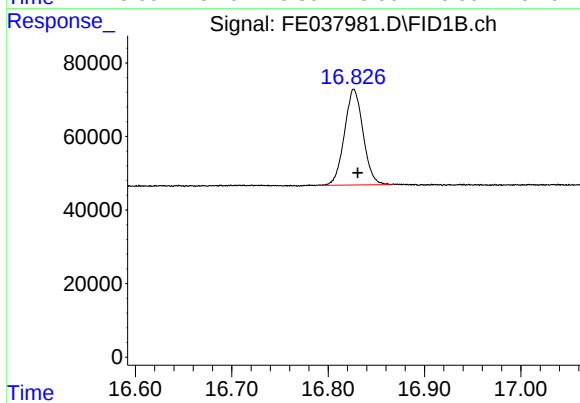
#10 N-TETRACOSANE

R.T.: 14.867 min
Delta R.T.: -0.005 min
Response: 374719
Conc: 2.52 ug/ml



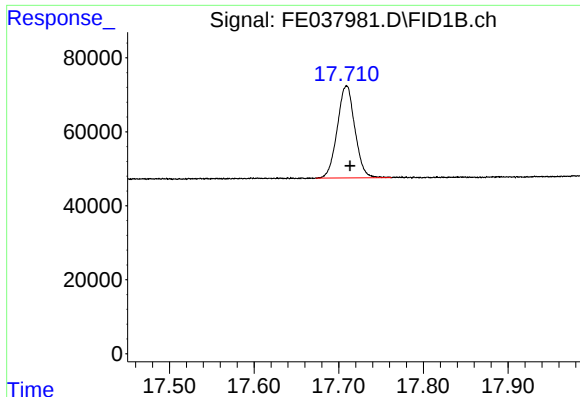
#11 N-HEXACOSANE

R.T.: 15.882 min
Delta R.T.: -0.005 min
Response: 353763
Conc: 2.45 ug/ml



#12 N-OCTACOSANE

R.T.: 16.827 min
Delta R.T.: -0.004 min
Response: 347948
Conc: 2.47 ug/ml



#13 N-TRIACONTANE

R.T.: 17.709 min
Delta R.T.: -0.004 min
Response: 359324
Conc: 2.59 ug/ml

Instrument :

FID_E

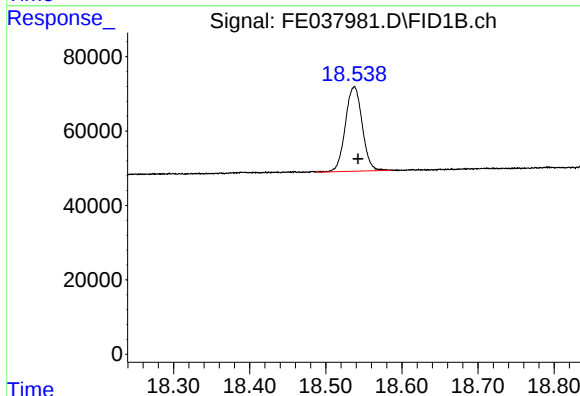
ClientSampleId :

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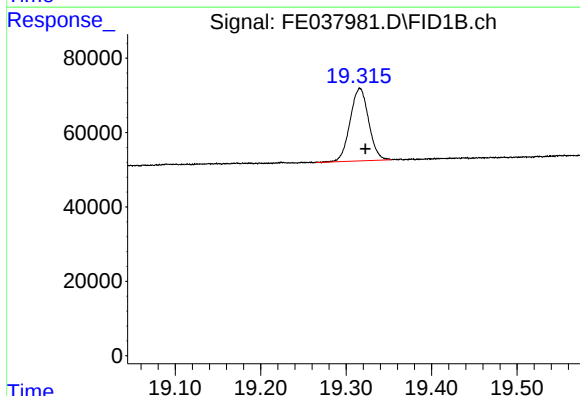
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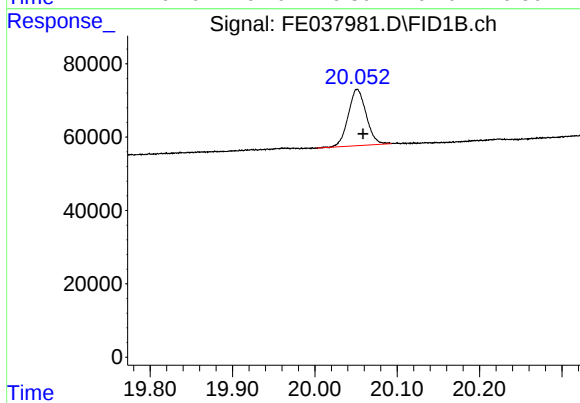
#14 N-DOTRIACONTANE

R.T.: 18.538 min
Delta R.T.: -0.005 min
Response: 349389
Conc: 2.49 ug/ml



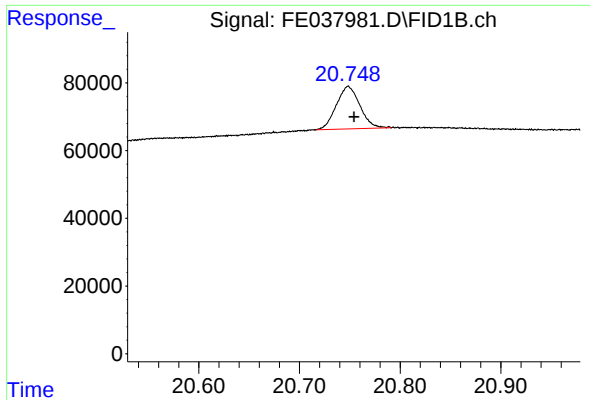
#15 N-TETRATRIACONTANE

R.T.: 19.316 min
Delta R.T.: -0.006 min
Response: 293744
Conc: 2.09 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.052 min
Delta R.T.: -0.006 min
Response: 232252
Conc: 1.71 ug/ml



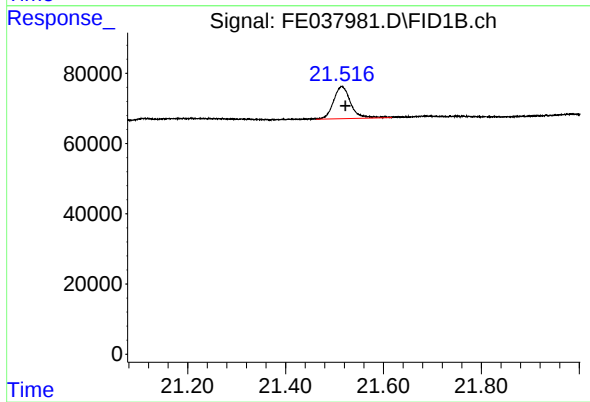
#17 N-OCTATRIACONTANE

R.T.: 20.749 min
Delta R.T.: -0.006 min
Response: 203538
Conc: 1.49 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.516 min
Delta R.T.: -0.007 min
Response: 223277
Conc: 1.54 ug/ml m