

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080823\
 Data File : FF013150.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 12:48
 Operator : YP\AJ
 Sample : 03572-11
 Misc : TPH GC LOQ 5 PPM
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: autoint1.e
 Quant Time: Aug 09 02:12:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080223.M
 Quant Title :
 QLast Update : Wed Aug 02 19:16:13 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...	14.988	2228516	20.676 ug/ml
Target Compounds			
1) N-OCTANE	2.013	577375	5.110 ug/ml
2) N-DECANE	4.540	636593	5.471 ug/ml
3) N-DODECANE	6.704	649895	5.548 ug/ml
4) N-TETRADECANE	8.529	659083	5.593 ug/ml
5) N-HEXADECANE	10.136	670384	5.619 ug/ml
6) N-OCTADECANE	11.579	678531	5.586 ug/ml
7) N-EICOSANE	12.889	679603	5.623 ug/ml
8) N-DOCOSANE	14.087	672771	5.576 ug/ml
10) N-TETRACOSANE	15.190	679562	5.552 ug/ml
11) N-HEXACOSANE	16.210	679639	5.457 ug/ml
12) N-OCTACOSANE	17.160	674500	5.458 ug/ml
13) N-TRIACONTANE	18.047	681161	5.609 ug/ml
14) N-DOTRIACONTANE	18.878	682951	6.062 ug/ml
15) N-TETRATRIACONTANE	19.660	604751	6.072 ug/ml
16) N-HEXATRIACONTANE	20.398	502244	5.619 ug/ml
17) N-OCTATRIACONTANE	21.130	443387	5.651 ug/ml
18) N-TETRACONTANE	22.027	425266	5.644 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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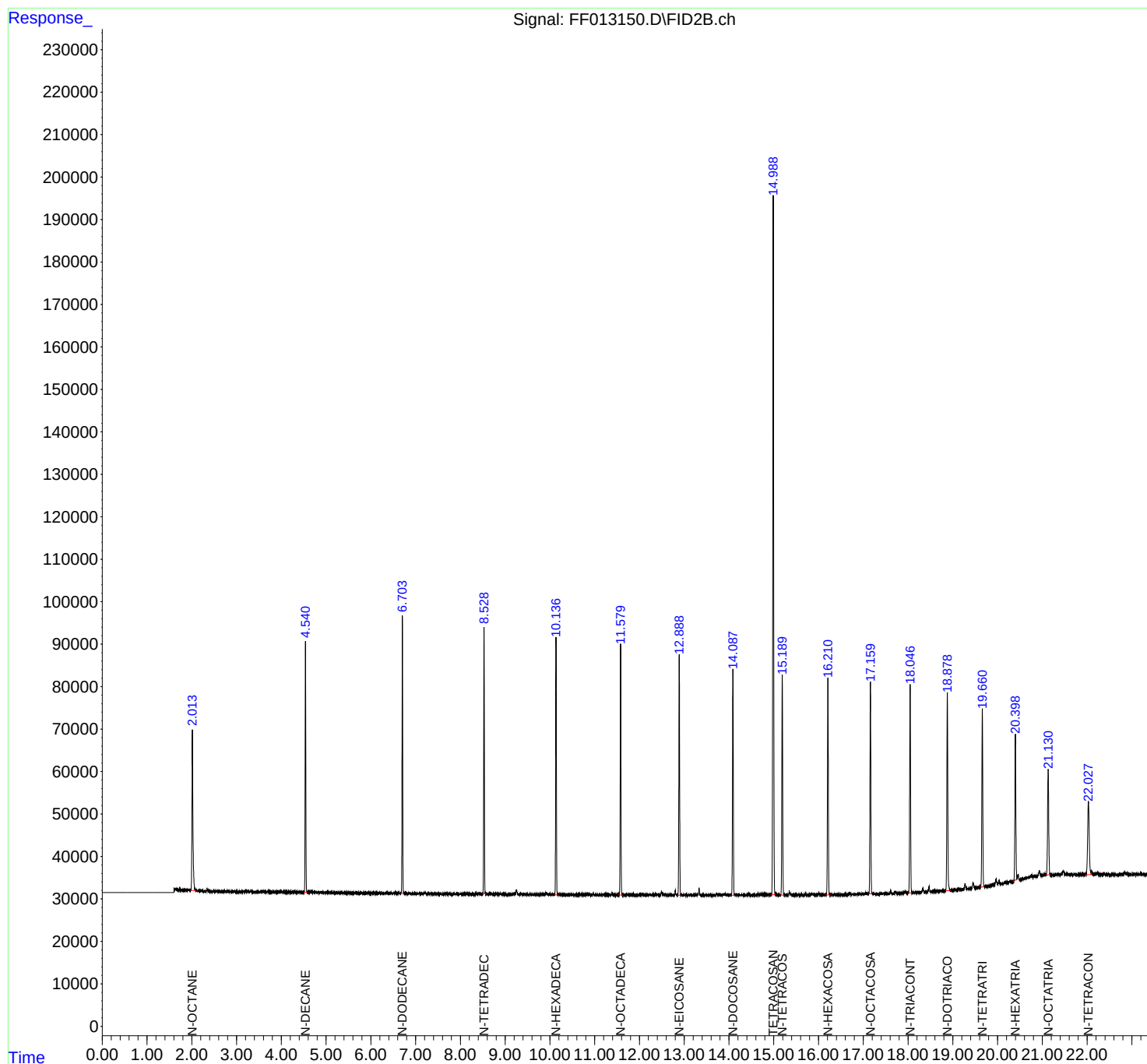
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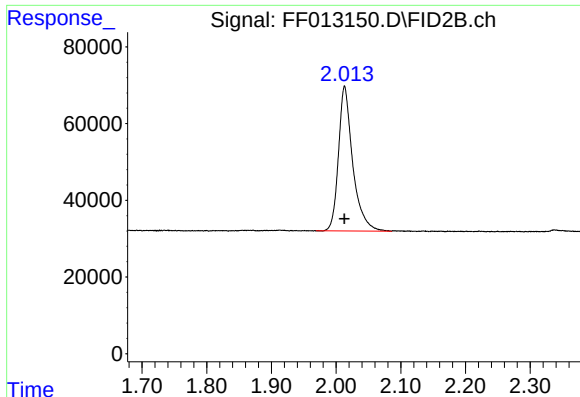
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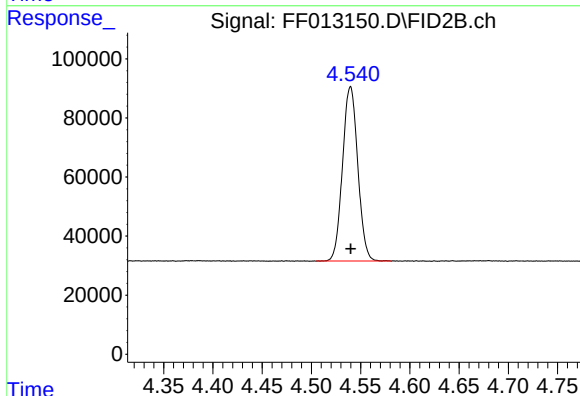
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 577375
Conc: 5.11 ug/ml

Instrument : FID_F
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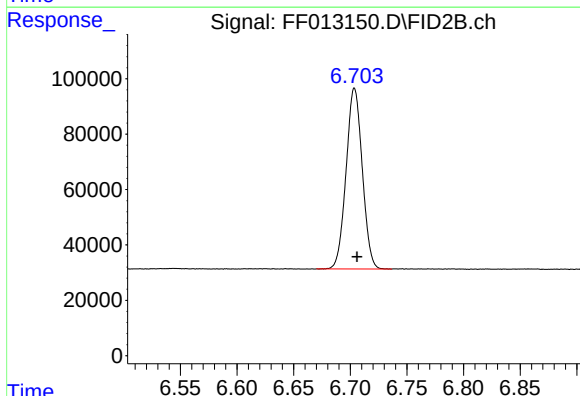
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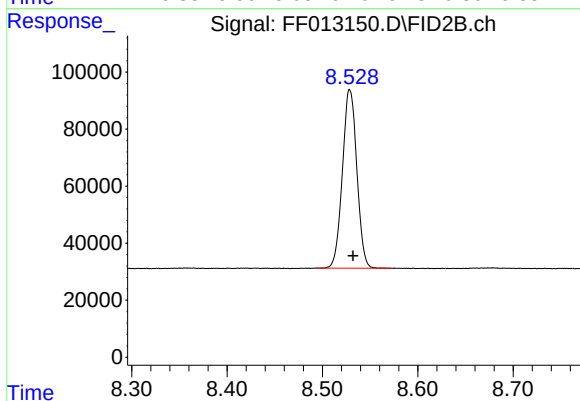
#2 N-DECANE

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 636593
Conc: 5.47 ug/ml



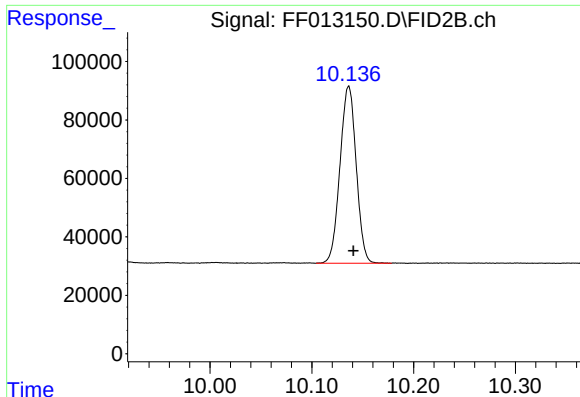
#3 N-DODECANE

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 649895
Conc: 5.55 ug/ml



#4 N-TETRADECANE

R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 659083
Conc: 5.59 ug/ml



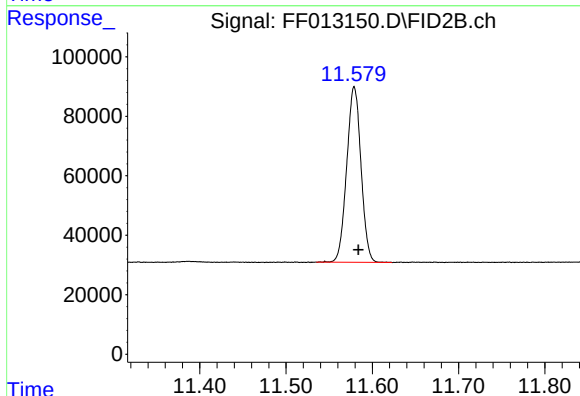
#5 N-HEXADECANE

R.T.: 10.136 min
Delta R.T.: -0.004 min
Response: 670384
Conc: 5.62 ug/ml

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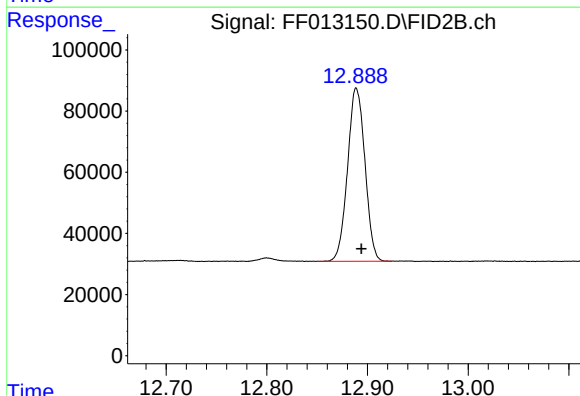
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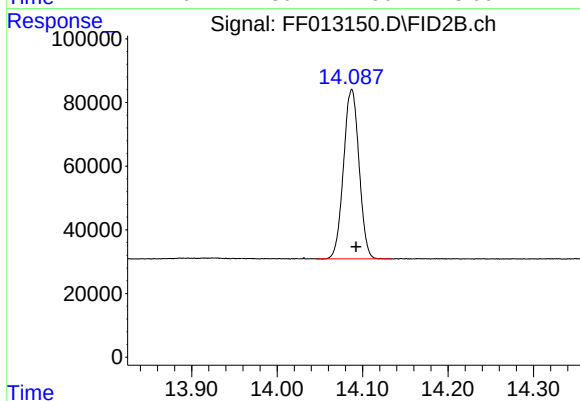
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.005 min
Response: 678531
Conc: 5.59 ug/ml



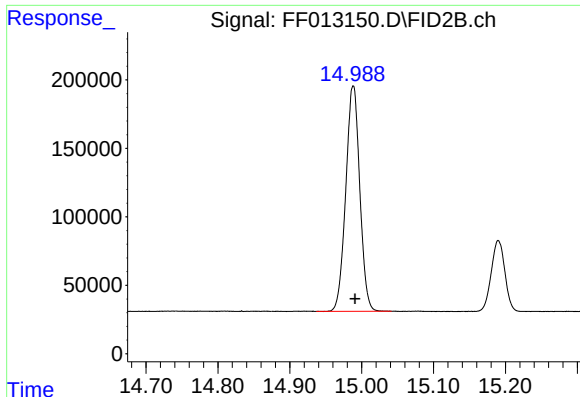
#7 N-EICOSANE

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 679603
Conc: 5.62 ug/ml



#8 N-DOCOSANE

R.T.: 14.087 min
Delta R.T.: -0.005 min
Response: 672771
Conc: 5.58 ug/ml



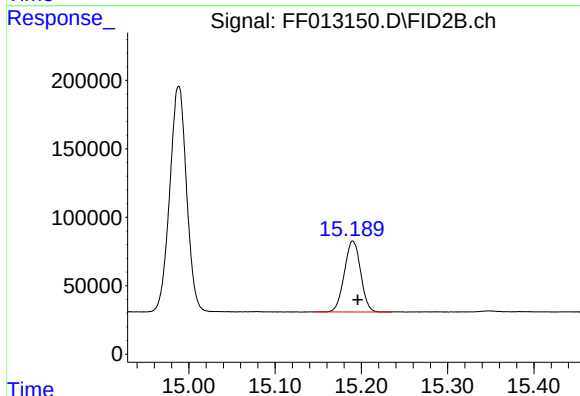
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.988 min
Delta R.T.: -0.002 min
Response: 2228516
Conc: 20.68 ug/ml

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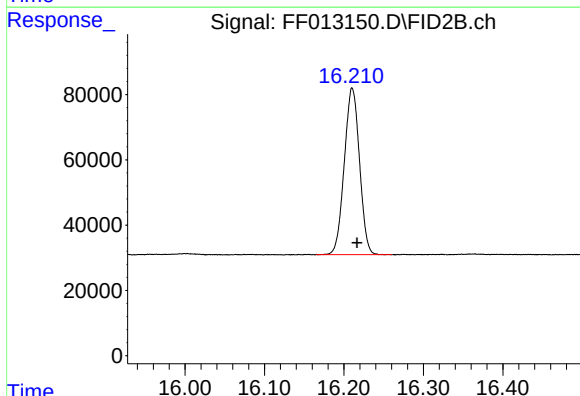
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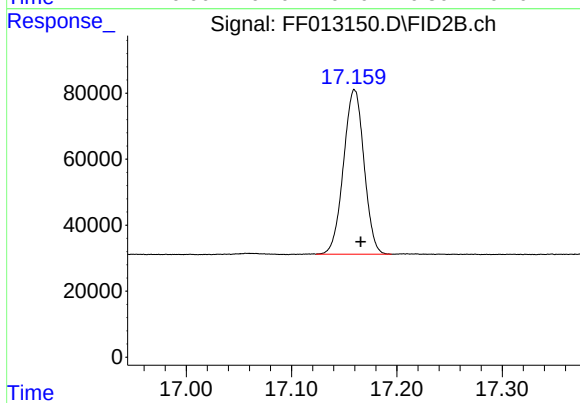
#10 N-TETRACOSANE

R.T.: 15.190 min
Delta R.T.: -0.006 min
Response: 679562
Conc: 5.55 ug/ml



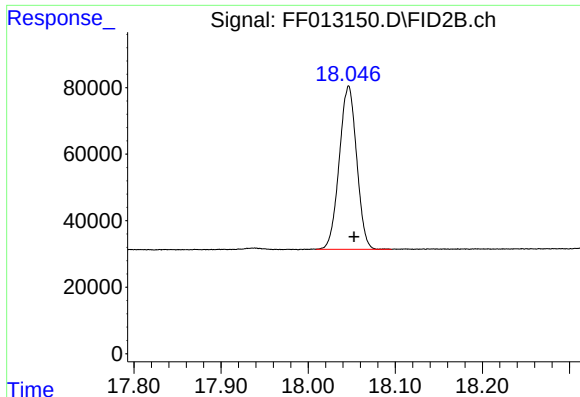
#11 N-HEXACOSANE

R.T.: 16.210 min
Delta R.T.: -0.006 min
Response: 679639
Conc: 5.46 ug/ml



#12 N-OCTACOSANE

R.T.: 17.160 min
Delta R.T.: -0.006 min
Response: 674500
Conc: 5.46 ug/ml



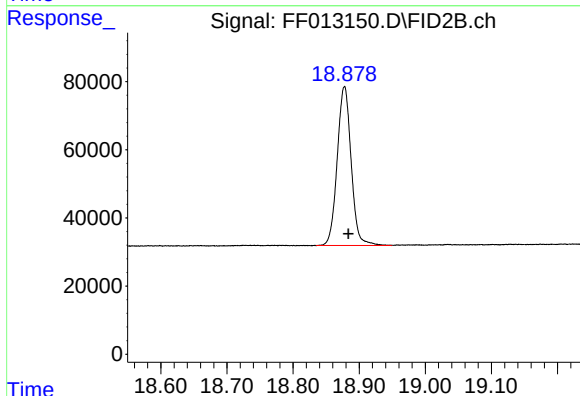
#13 N-TRIACONTANE

R.T.: 18.047 min
Delta R.T.: -0.006 min
Response: 681161
Conc: 5.61 ug/ml

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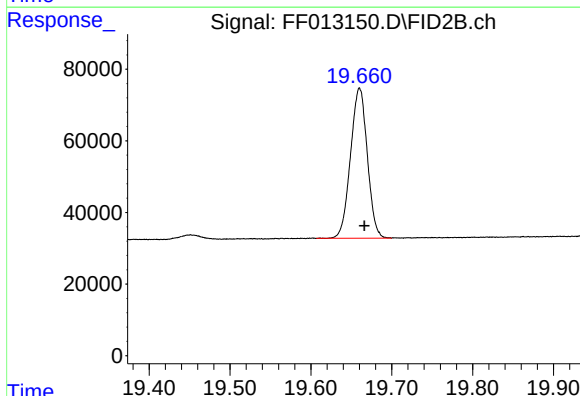
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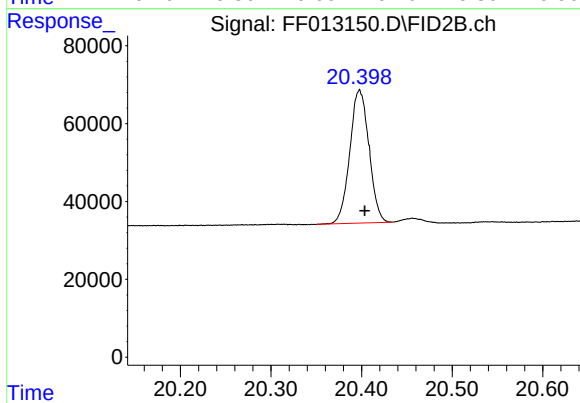
#14 N-DOTRIACONTANE

R.T.: 18.878 min
Delta R.T.: -0.006 min
Response: 682951
Conc: 6.06 ug/ml



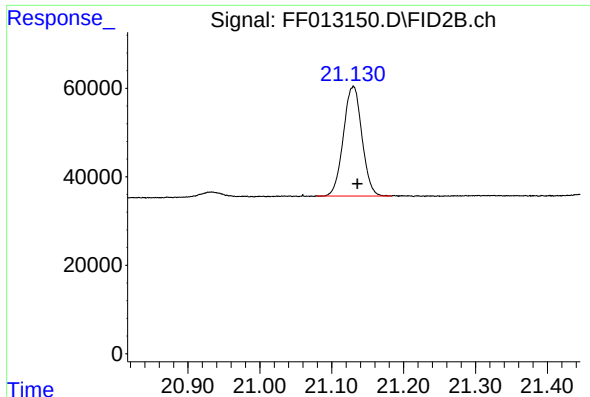
#15 N-TETRATRIACONTANE

R.T.: 19.660 min
Delta R.T.: -0.006 min
Response: 604751
Conc: 6.07 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 502244
Conc: 5.62 ug/ml



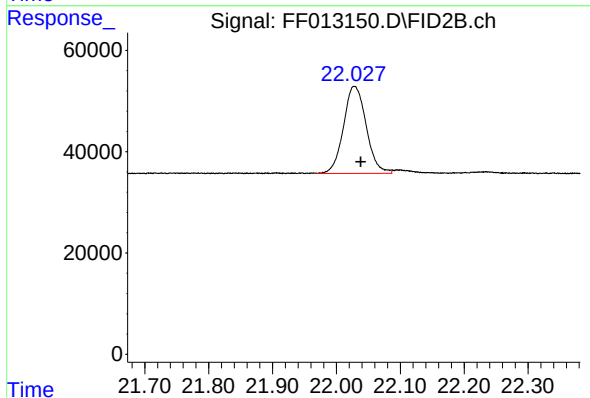
#17 N-OCTATRIACONTANE

R.T.: 21.130 min
Delta R.T.: -0.005 min
Response: 443387
Conc: 5.65 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.027 min
Delta R.T.: -0.011 min
Response: 425266
Conc: 5.64 ug/ml m