

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080823\
 Data File : FF013145.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2023 10:19
 Operator : YP\AJ
 Sample : 03572-04
 Misc : TPH GC LOD 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-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 02:10:03 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	2546364	23.625 ug/ml
Target Compounds			
1) N-OCTANE	2.013	297514	2.633 ug/ml
2) N-DECANE	4.539	344135	2.957 ug/ml
3) N-DODECANE	6.703	352756	3.011 ug/ml
4) N-TETRADECANE	8.528	362356	3.075 ug/ml
5) N-HEXADECANE	10.136	366563	3.073 ug/ml
6) N-OCTADECANE	11.579	373694	3.076 ug/ml
7) N-EICOSANE	12.888	375741	3.109 ug/ml
8) N-DOCOSANE	14.087	373437	3.095 ug/ml
10) N-TETRACOSANE	15.190	376156	3.073 ug/ml
11) N-HEXACOSANE	16.210	376117	3.020 ug/ml
12) N-OCTACOSANE	17.159	382579	3.096 ug/ml
13) N-TRIACONTANE	18.046	403858	3.326 ug/ml
14) N-DOTRIACONTANE	18.877	427742	3.797 ug/ml
15) N-TETRATRIACONTANE	19.660	364677	3.661 ug/ml
16) N-HEXATRIACONTANE	20.399	291611	3.262 ug/ml
17) N-OCTATRIACONTANE	21.130	255756	3.260 ug/ml
18) N-TETRACONTANE	22.027	236500	3.138 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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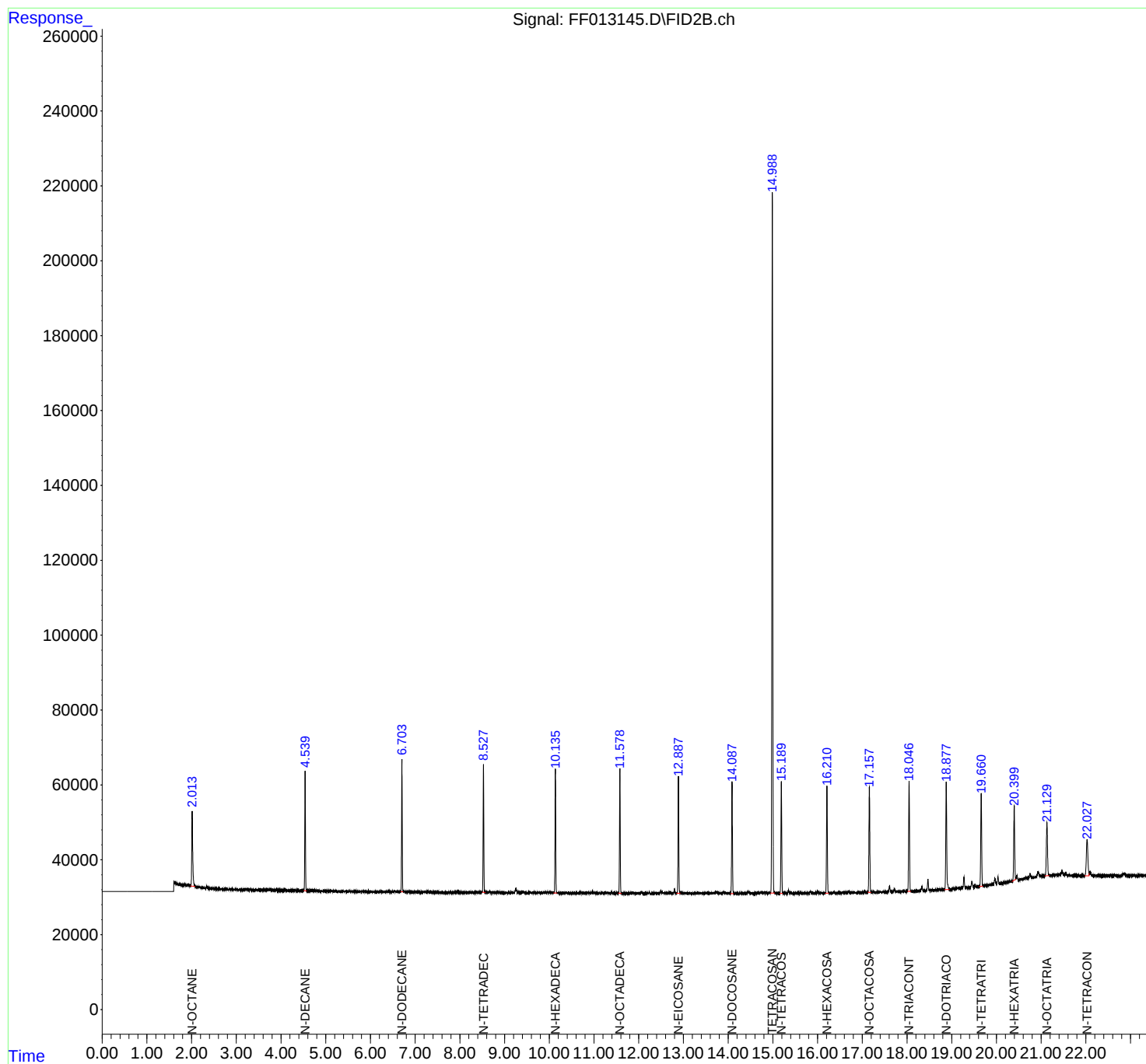
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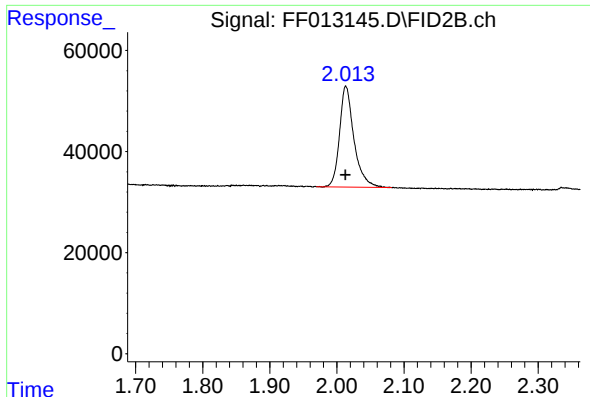
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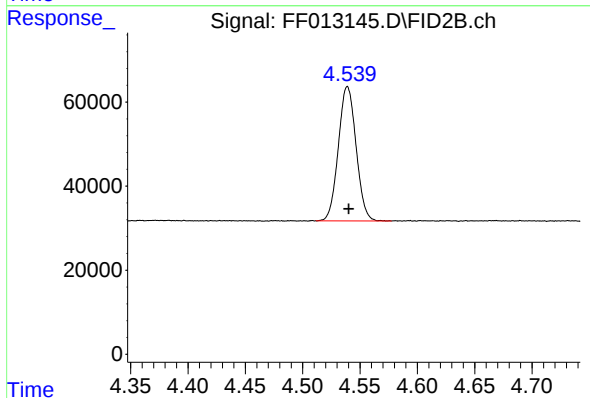
#1 N-OCTANE

R.T.: 2.013 min
Delta R.T.: 0.000 min
Response: 297514
Conc: 2.63 ug/ml

Instrument : FID_F
ClientSampleId :
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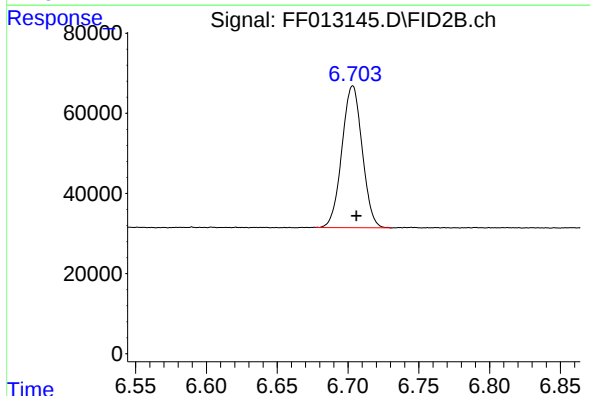
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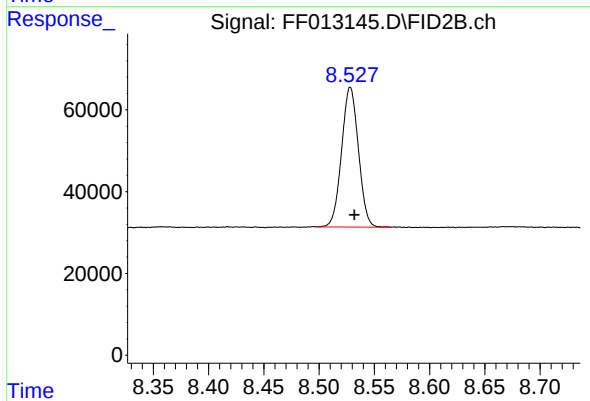
#2 N-DECANE

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 344135
Conc: 2.96 ug/ml



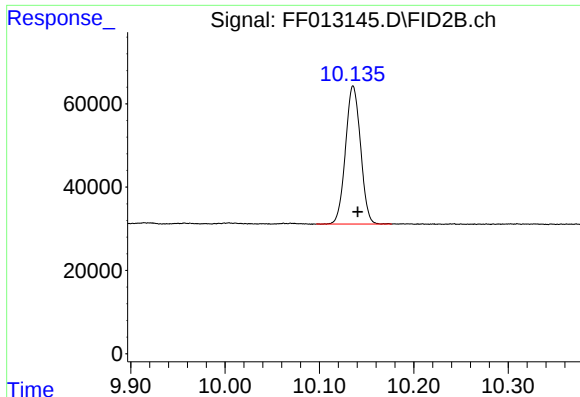
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.003 min
Response: 352756
Conc: 3.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 362356
Conc: 3.08 ug/ml



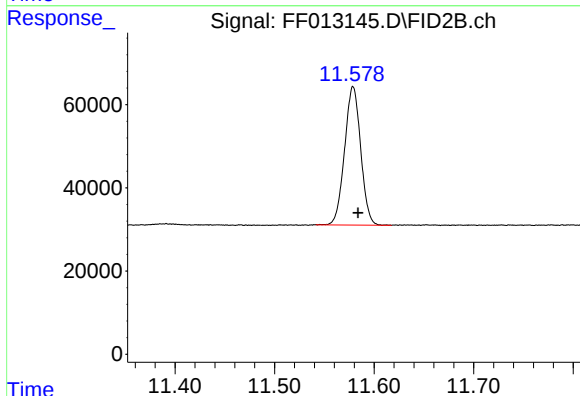
#5 N-HEXADECANE

R.T.: 10.136 min
Delta R.T.: -0.005 min
Response: 366563
Conc: 3.07 ug/ml

Instrument :
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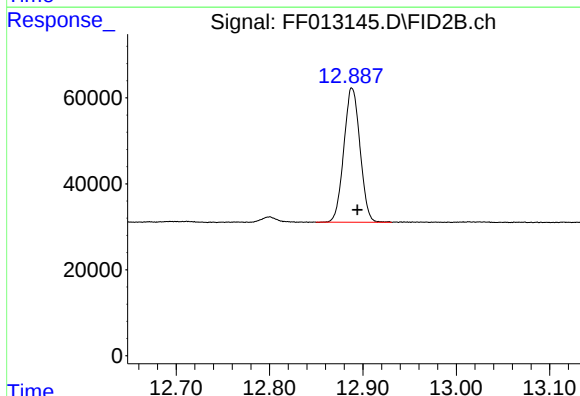
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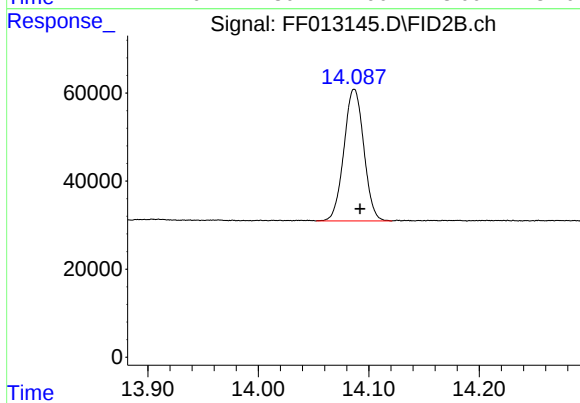
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.005 min
Response: 373694
Conc: 3.08 ug/ml



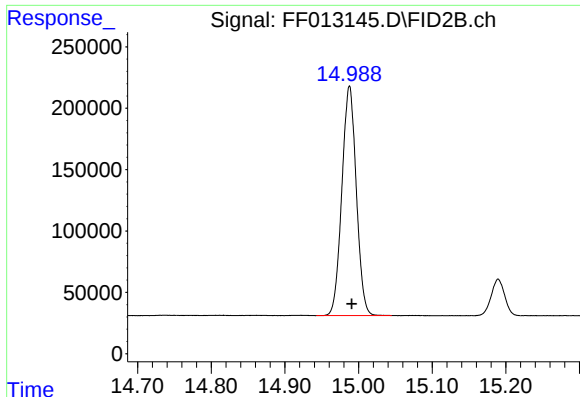
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 375741
Conc: 3.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.087 min
Delta R.T.: -0.005 min
Response: 373437
Conc: 3.10 ug/ml



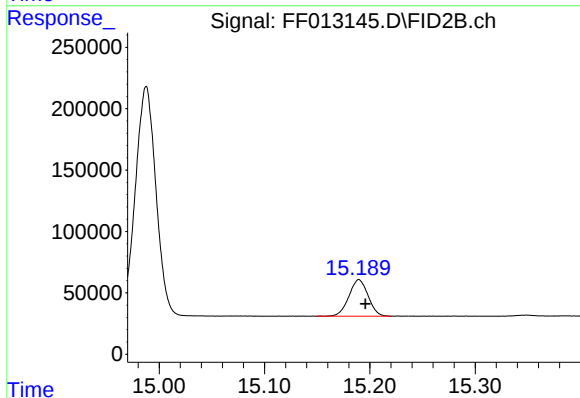
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.988 min
Delta R.T.: -0.003 min
Response: 2546364
Conc: 23.62 ug/ml

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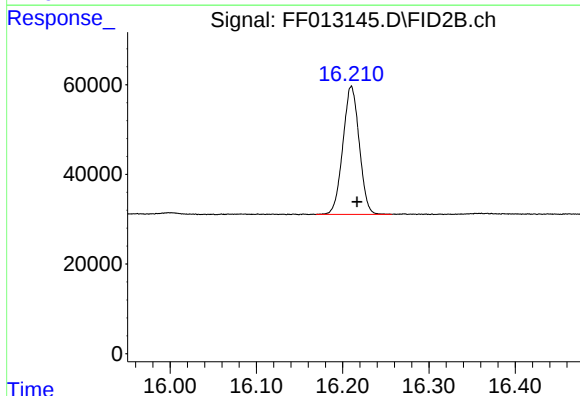
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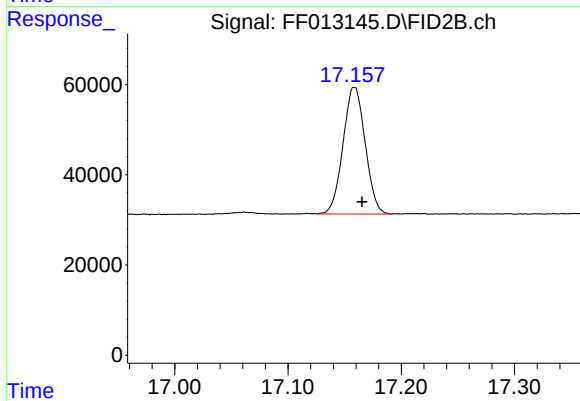
#10 N-TETRACOSANE

R.T.: 15.190 min
Delta R.T.: -0.006 min
Response: 376156
Conc: 3.07 ug/ml



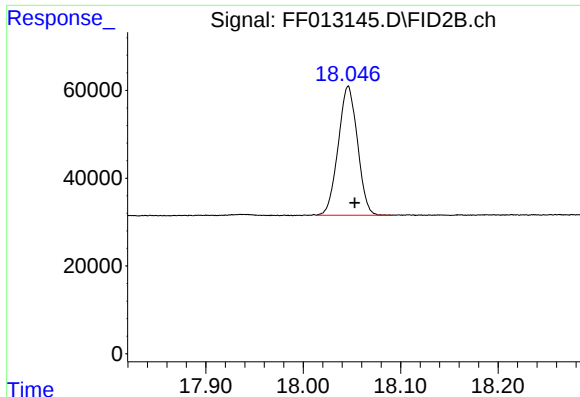
#11 N-HEXACOSANE

R.T.: 16.210 min
Delta R.T.: -0.007 min
Response: 376117
Conc: 3.02 ug/ml



#12 N-OCTACOSANE

R.T.: 17.159 min
Delta R.T.: -0.007 min
Response: 382579
Conc: 3.10 ug/ml



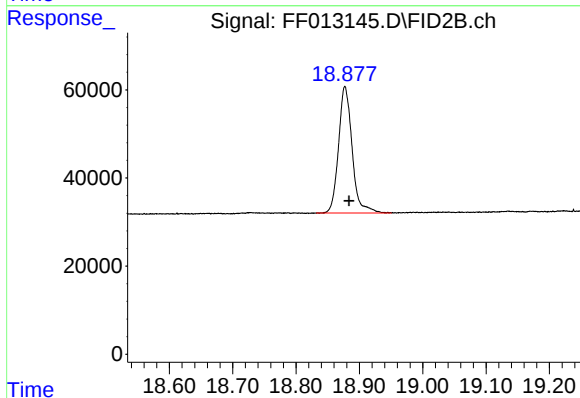
#13 N-TRIACONTANE

R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 403858
Conc: 3.33 ug/ml

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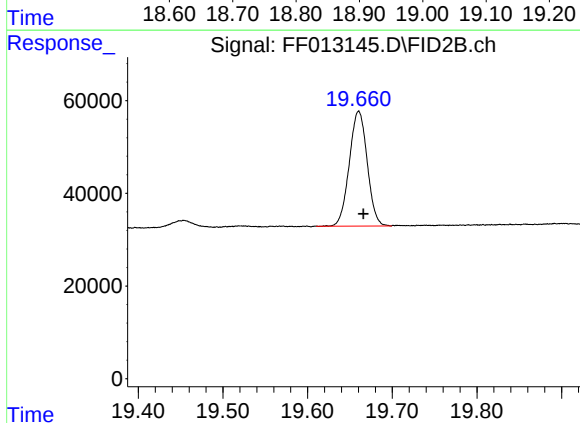
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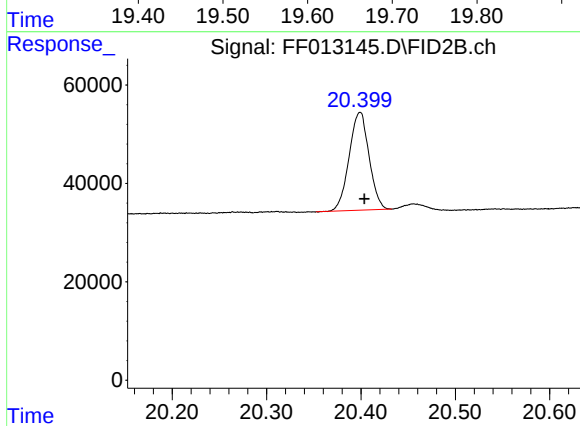
#14 N-DOTRIACONTANE

R.T.: 18.877 min
Delta R.T.: -0.007 min
Response: 427742
Conc: 3.80 ug/ml



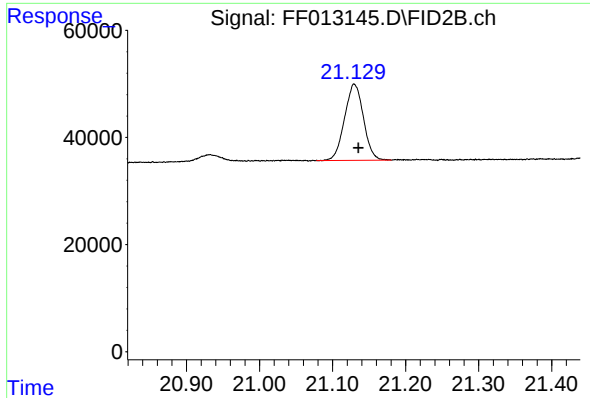
#15 N-TETRATRIACONTANE

R.T.: 19.660 min
Delta R.T.: -0.006 min
Response: 364677
Conc: 3.66 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.399 min
Delta R.T.: -0.004 min
Response: 291611
Conc: 3.26 ug/ml



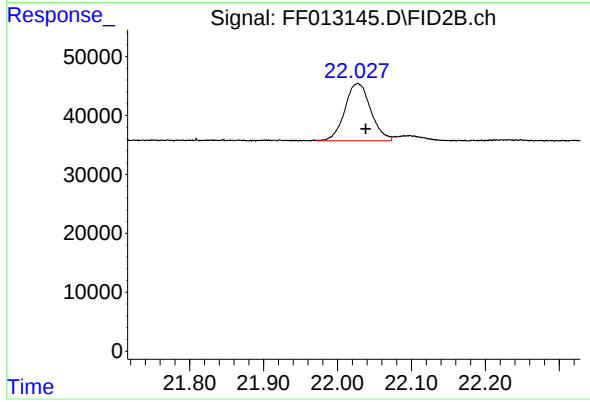
#17 N-OCTATRIACONTANE

R.T.: 21.130 min
Delta R.T.: -0.006 min
Response: 255756
Conc: 3.26 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.027 min
Delta R.T.: -0.011 min
Response: 236500
Conc: 3.14 ug/ml m