

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF050824\
 Data File : FF014140.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 23:28
 Operator : YP\AJ
 Sample : P2403-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File: autoint1.e
 Quant Time: May 09 04:37:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:04:30 2024
 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...	14.941	1910940	17.513 ug/ml
Target Compounds			
1) N-OCTANE	1.981	232546	2.075 ug/ml
2) N-DECANE	4.495	164949	1.541 ug/ml
3) N-DODECANE	6.661	90738	0.845 ug/ml
4) N-TETRADECANE	8.509	228337	2.053 ug/mlm
5) N-HEXADECANE	10.105	211848	1.835 ug/mlm
6) N-OCTADECANE	11.542	259922	2.178 ug/mlm
7) N-EICOSANE	12.848	272172	2.146 ug/mlm
8) N-DOCOSANE	14.045	256469	2.083 ug/ml
10) N-TETRACOSANE	15.149	267384	2.180 ug/ml
11) N-HEXACOSANE	16.176	249717	2.058 ug/ml
12) N-OCTACOSANE	17.125	254255	2.125 ug/ml
13) N-TRIACONTANE	18.013	267352	2.201 ug/ml
14) N-DOTRIACONTANE	18.846	286134	2.351 ug/ml
15) N-TETRATRIACONTANE	19.628	305218	2.763 ug/ml
16) N-HEXATRIACONTANE	20.369	328777	3.294 ug/ml
17) N-OCTATRIACONTANE	21.100	331119	3.685 ug/ml
18) N-TETRACONTANE	22.003	264653	3.208 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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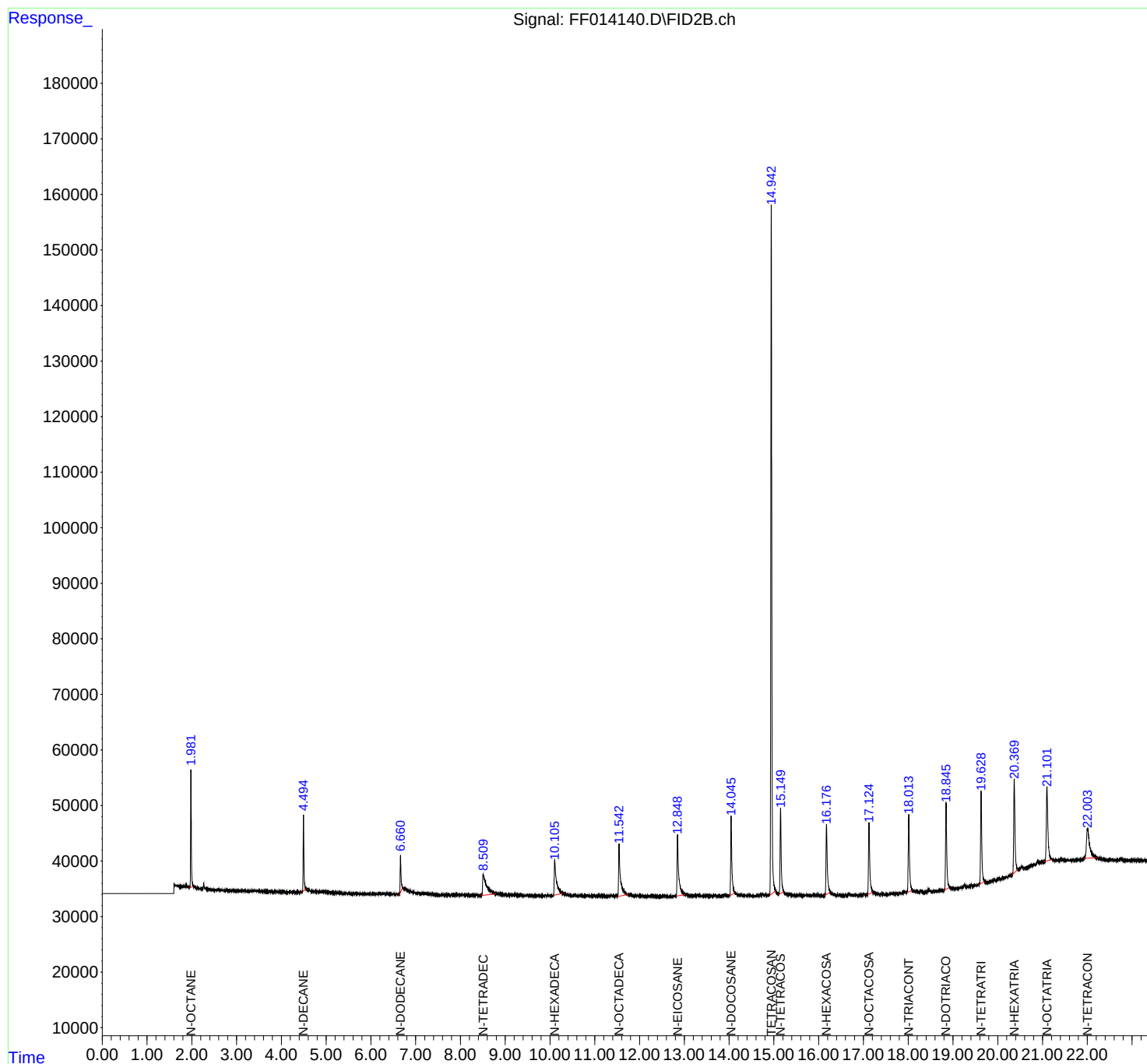
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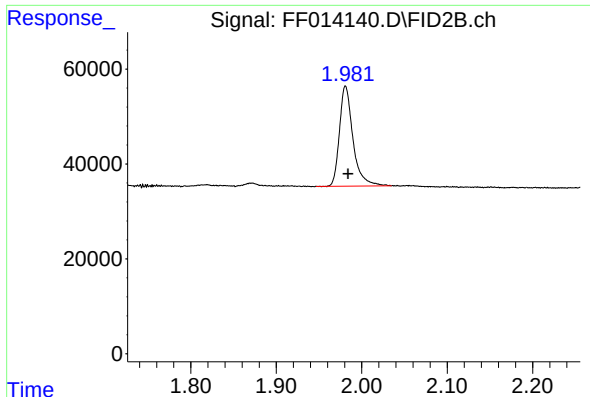
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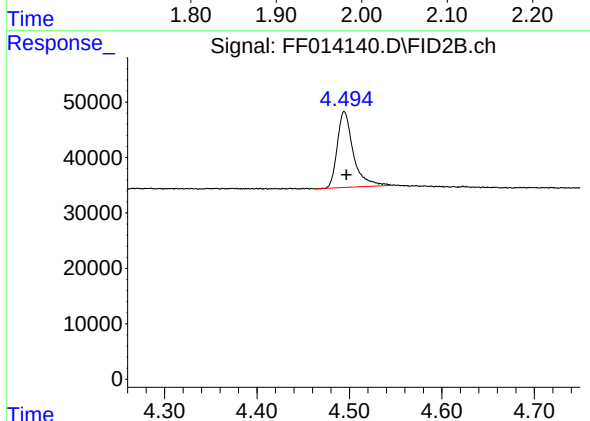
#1 N-OCTANE

R.T.: 1.981 min
Delta R.T.: -0.003 min
Response: 232546
Conc: 2.07 ug/ml

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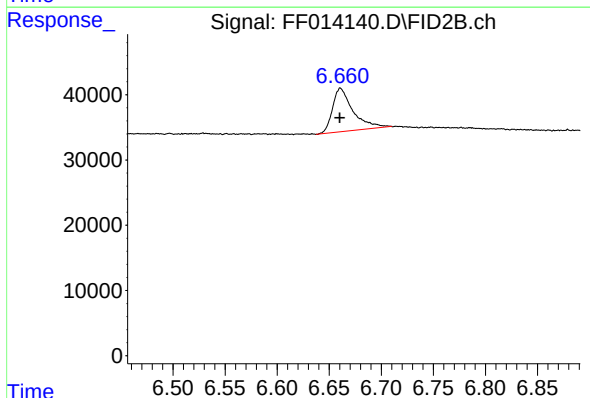
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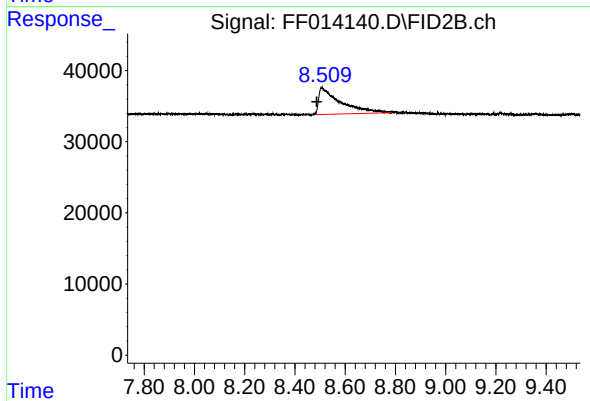
#2 N-DECANE

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 164949
Conc: 1.54 ug/ml



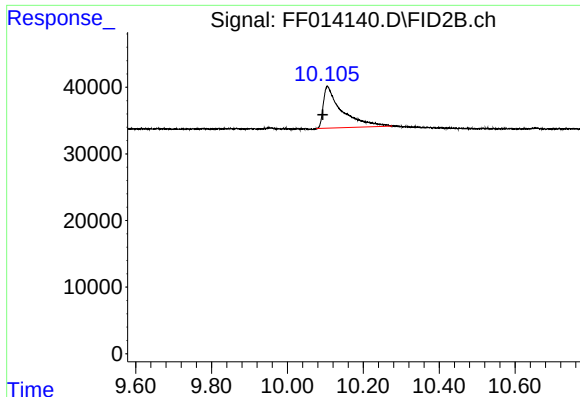
#3 N-DODECANE

R.T.: 6.661 min
Delta R.T.: 0.000 min
Response: 90738
Conc: 0.84 ug/ml



#4 N-TETRADECANE

R.T.: 8.509 min
Delta R.T.: 0.023 min
Response: 228337
Conc: 2.05 ug/ml m



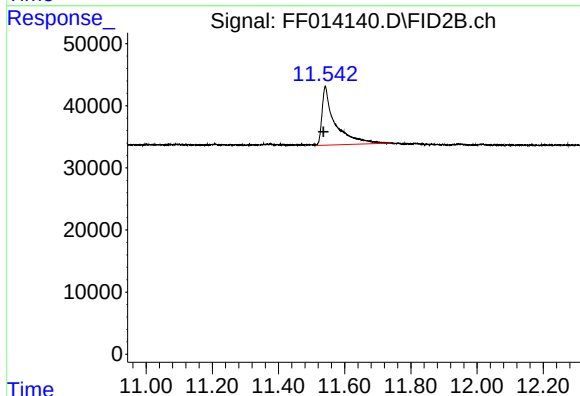
#5 N-HEXADECANE

R.T.: 10.105 min
Delta R.T.: 0.011 min
Response: 211848
Conc: 1.84 ug/ml

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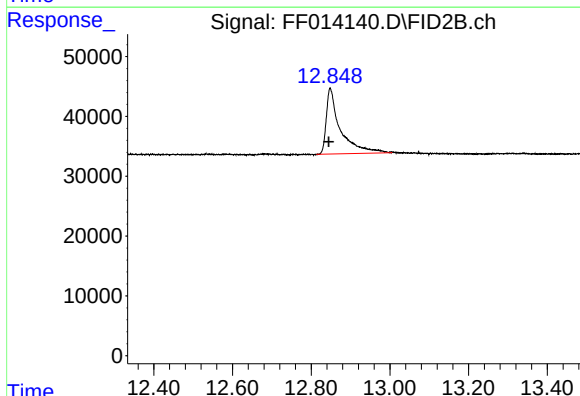
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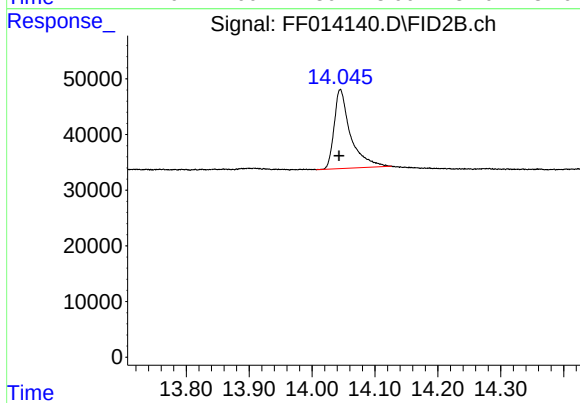
#6 N-OCTADECANE

R.T.: 11.542 min
Delta R.T.: 0.006 min
Response: 259922
Conc: 2.18 ug/ml m



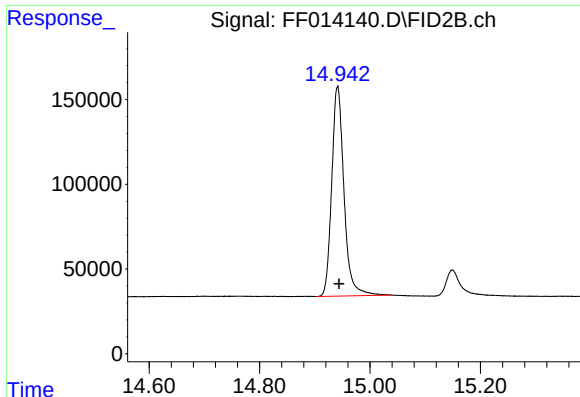
#7 N-EICOSANE

R.T.: 12.848 min
Delta R.T.: 0.004 min
Response: 272172
Conc: 2.15 ug/ml m



#8 N-DOCOSANE

R.T.: 14.045 min
Delta R.T.: 0.002 min
Response: 256469
Conc: 2.08 ug/ml



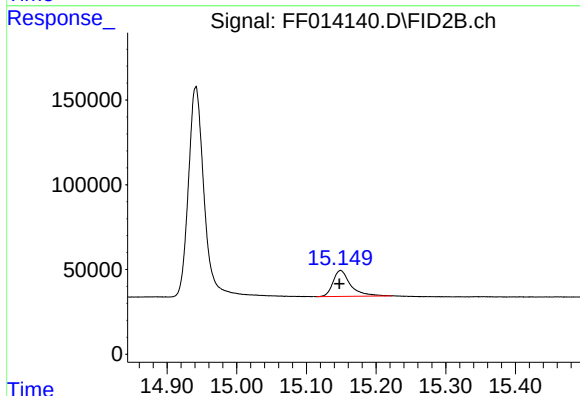
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.941 min
Delta R.T.: -0.003 min
Response: 1910940
Conc: 17.51 ug/ml

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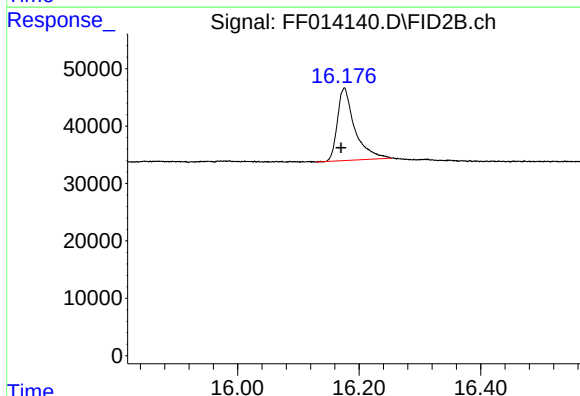
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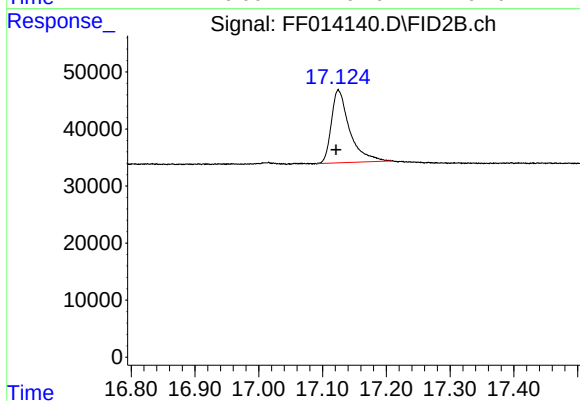
#10 N-TETRACOSANE

R.T.: 15.149 min
Delta R.T.: 0.002 min
Response: 267384
Conc: 2.18 ug/ml



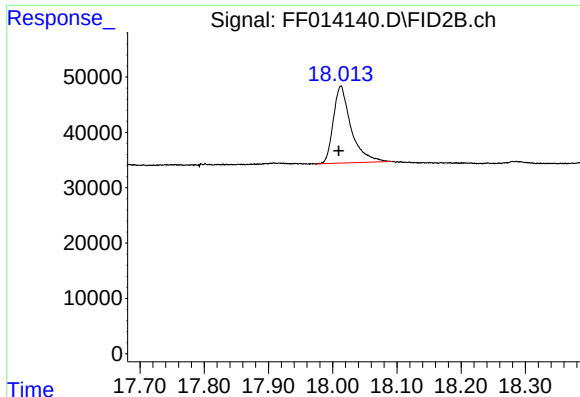
#11 N-HEXACOSANE

R.T.: 16.176 min
Delta R.T.: 0.006 min
Response: 249717
Conc: 2.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.125 min
Delta R.T.: 0.003 min
Response: 254255
Conc: 2.13 ug/ml



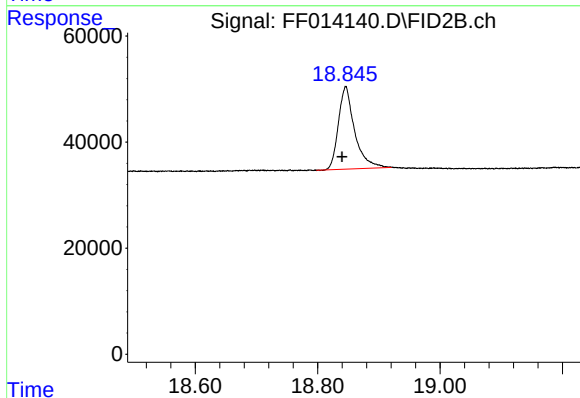
#13 N-TRIACONTANE

R.T.: 18.013 min
Delta R.T.: 0.003 min
Response: 267352
Conc: 2.20 ug/ml

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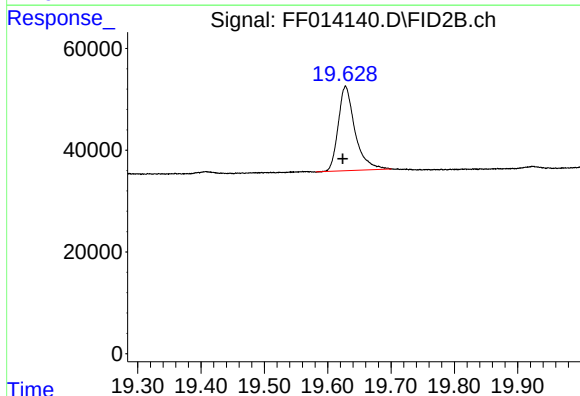
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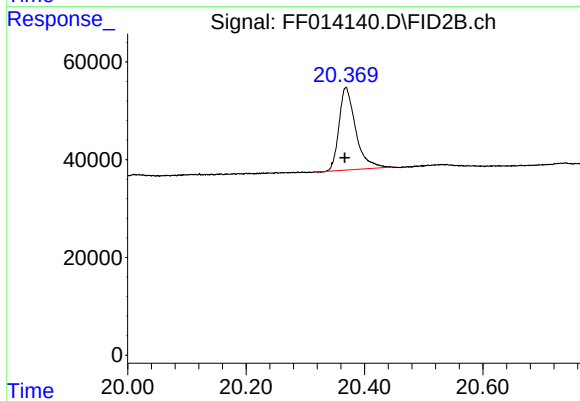
#14 N-DOTRIACONTANE

R.T.: 18.846 min
Delta R.T.: 0.006 min
Response: 286134
Conc: 2.35 ug/ml



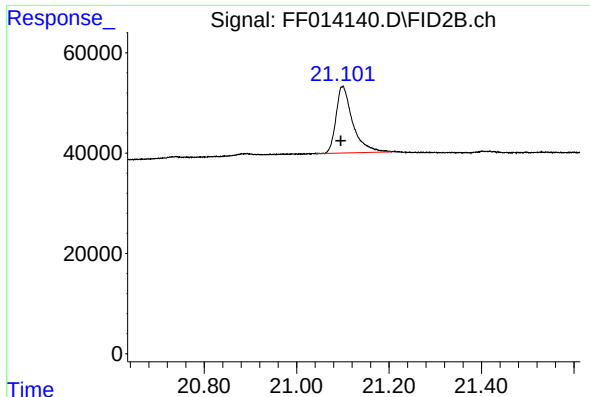
#15 N-TETRATRIACONTANE

R.T.: 19.628 min
Delta R.T.: 0.005 min
Response: 305218
Conc: 2.76 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.369 min
Delta R.T.: 0.002 min
Response: 328777
Conc: 3.29 ug/ml



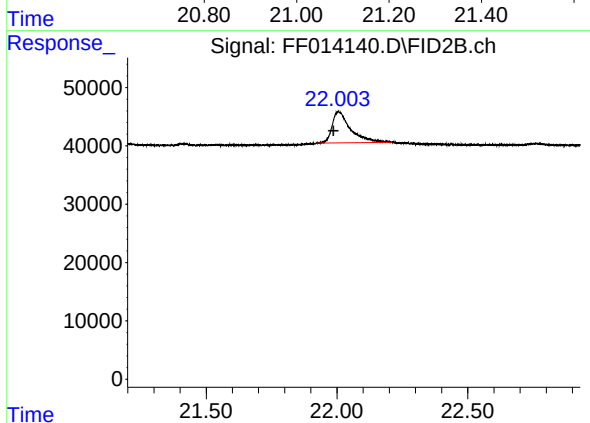
#17 N-OCTATRIACONTANE

R.T.: 21.100 min
Delta R.T.: 0.004 min
Response: 331119
Conc: 3.68 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.003 min
Delta R.T.: 0.017 min
Response: 264653
Conc: 3.21 ug/ml m