

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101124\
 Data File : FF014644.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 15:24
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 02:07:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100324.M
 Quant Title :
 QLast Update : Thu Oct 03 12:23:07 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...	14.884	5656464	43.252 ug/ml
Target Compounds			
1) N-OCTANE	1.936	5863064	43.838 ug/ml
2) N-DECANE	4.440	6028229	44.468 ug/ml
3) N-DODECANE	6.608	6147415	45.056 ug/ml
4) N-TETRADECANE	8.434	6197908	45.033 ug/ml
5) N-HEXADECANE	10.040	6259127	45.769 ug/ml
6) N-OCTADECANE	11.481	6426412	44.881 ug/ml
7) N-EICOSANE	12.789	6493291	43.724 ug/ml
8) N-DOCOSANE	13.986	6310564	43.389 ug/ml
10) N-TETRACOSANE	15.087	6277567	42.868 ug/ml
11) N-HEXACOSANE	16.106	6202168	42.565 ug/ml
12) N-OCTACOSANE	17.055	6095864	42.251 ug/mlm
13) N-TRIACONTANE	17.940	6096320	41.756 ug/ml
14) N-DOTRIACONTANE	18.771	5935361	40.895 ug/ml
15) N-TETRATRIACONTANE	19.552	5742350	41.670 ug/ml
16) N-HEXATRIACONTANE	20.290	5346249	40.157 ug/mlm
17) N-OCTATRIACONTANE	21.004	4820364	43.036 ug/ml
18) N-TETRACONTANE	21.860	4049534	43.362 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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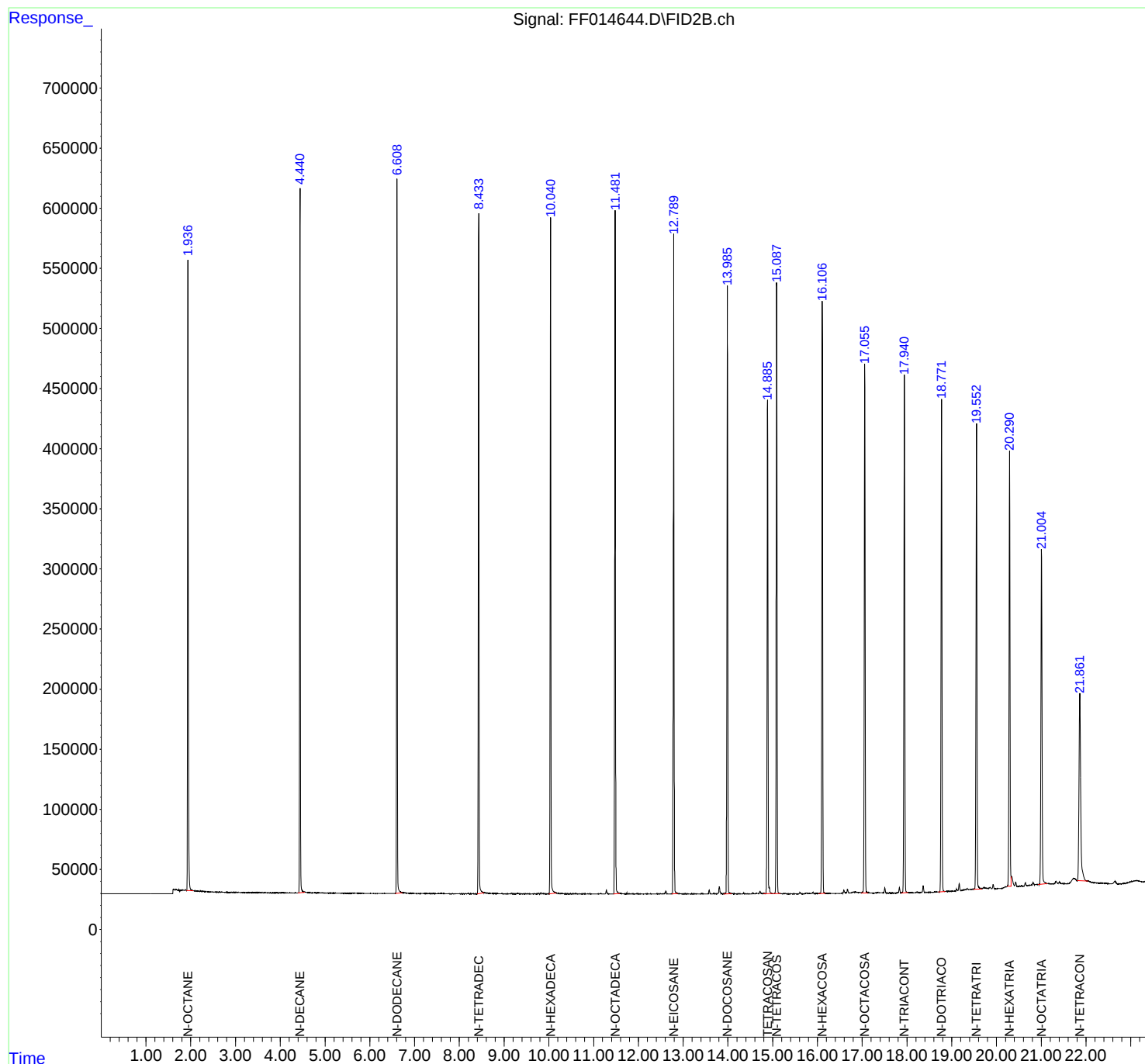
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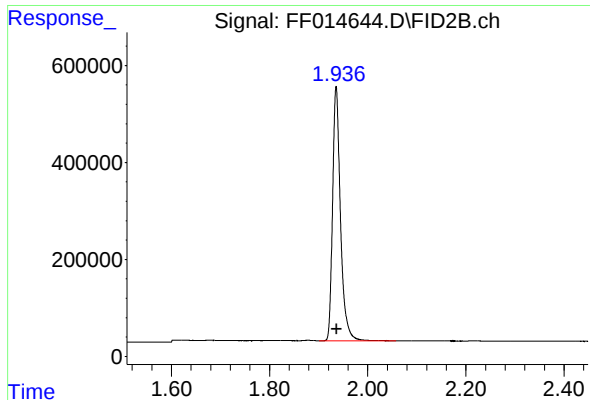
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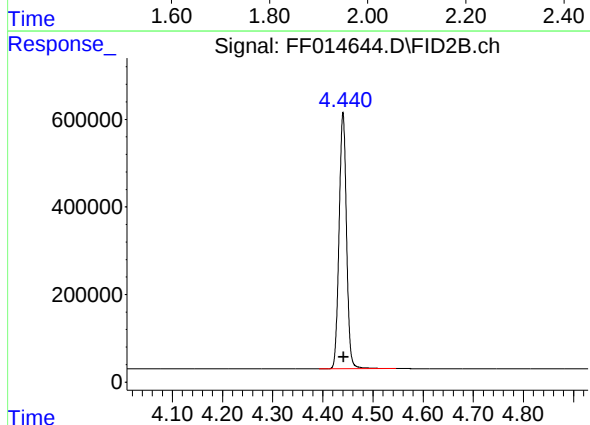
#1 N-OCTANE

R.T.: 1.936 min
Delta R.T.: -0.001 min
Response: 5863064
Conc: 43.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

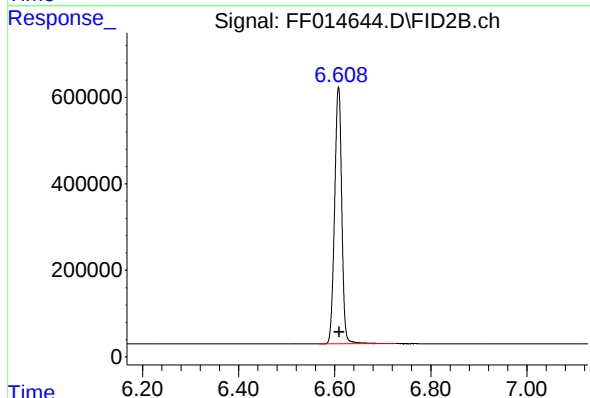
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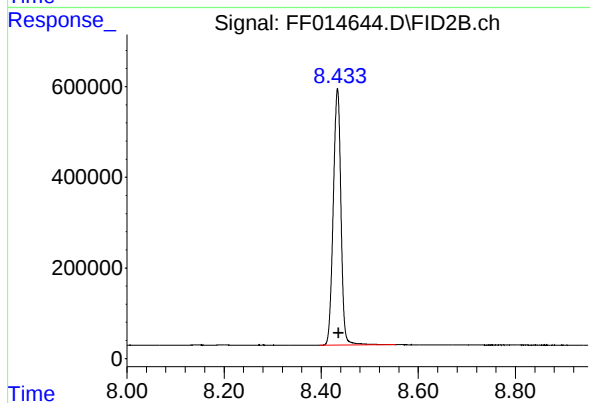
#2 N-DECANE

R.T.: 4.440 min
Delta R.T.: -0.002 min
Response: 6028229
Conc: 44.47 ug/ml



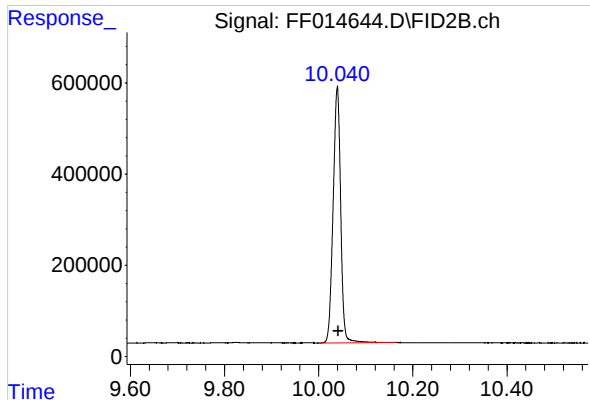
#3 N-DODECANE

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 6147415
Conc: 45.06 ug/ml



#4 N-TETRADECANE

R.T.: 8.434 min
Delta R.T.: -0.003 min
Response: 6197908
Conc: 45.03 ug/ml



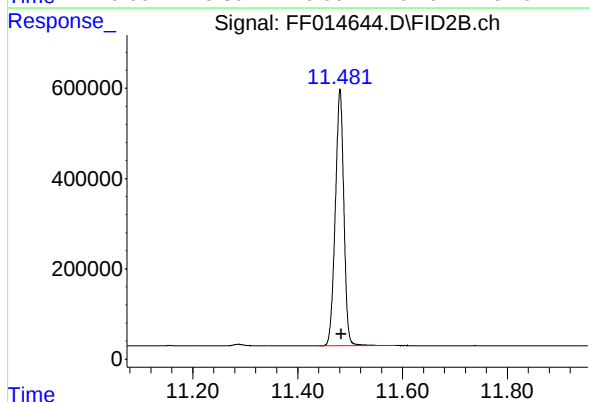
#5 N-HEXADECANE

R.T.: 10.040 min
Delta R.T.: -0.002 min
Response: 6259127
Conc: 45.77 ug/ml

Instrument :
FID_F
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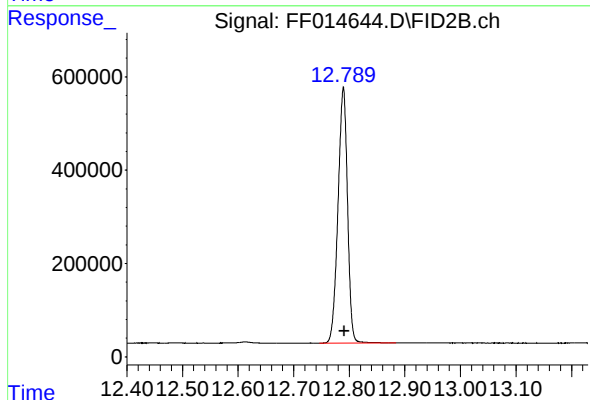
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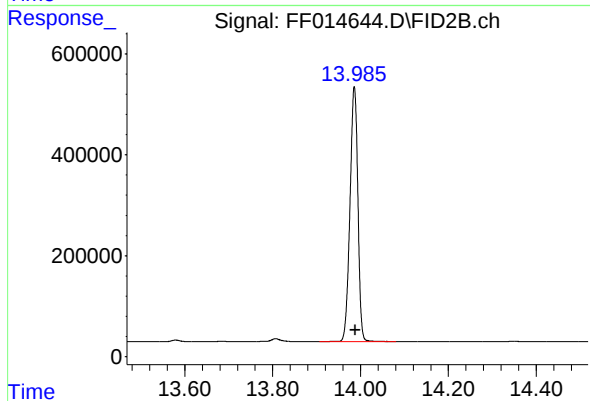
#6 N-OCTADECANE

R.T.: 11.481 min
Delta R.T.: -0.003 min
Response: 6426412
Conc: 44.88 ug/ml



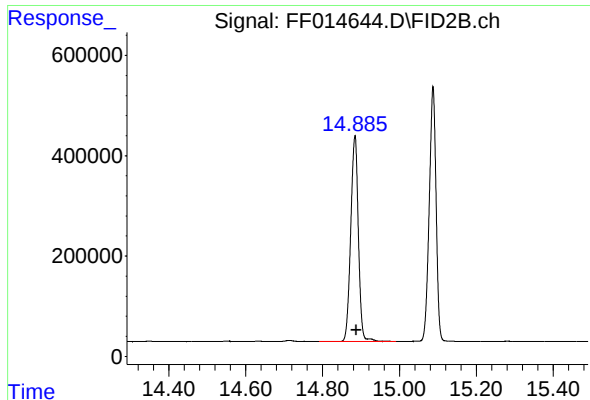
#7 N-EICOSANE

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 6493291
Conc: 43.72 ug/ml



#8 N-DOCOSANE

R.T.: 13.986 min
Delta R.T.: -0.002 min
Response: 6310564
Conc: 43.39 ug/ml



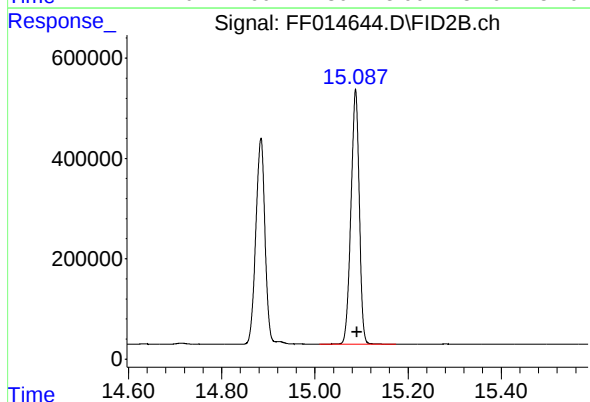
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.884 min
Delta R.T.: -0.003 min
Response: 5656464
Conc: 43.25 ug/ml

Instrument :
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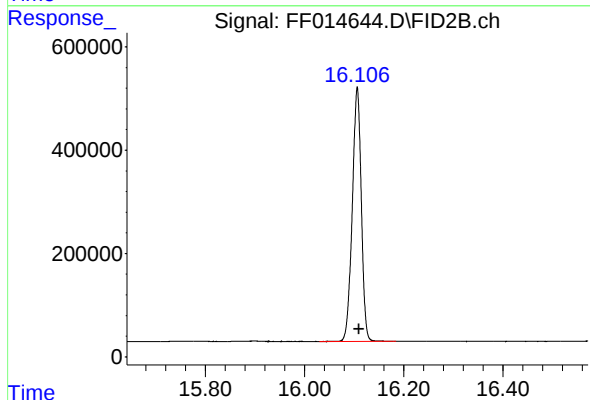
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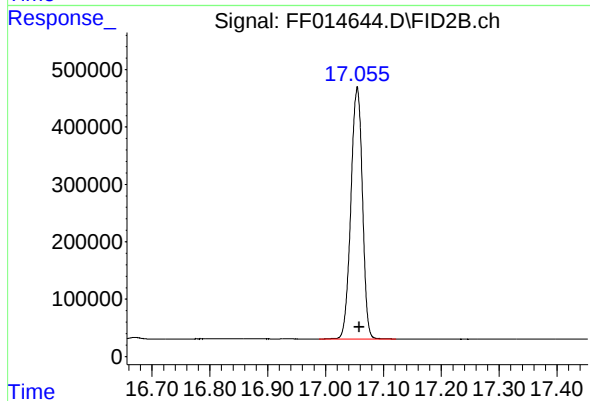
#10 N-TETRACOSANE

R.T.: 15.087 min
Delta R.T.: -0.003 min
Response: 6277567
Conc: 42.87 ug/ml



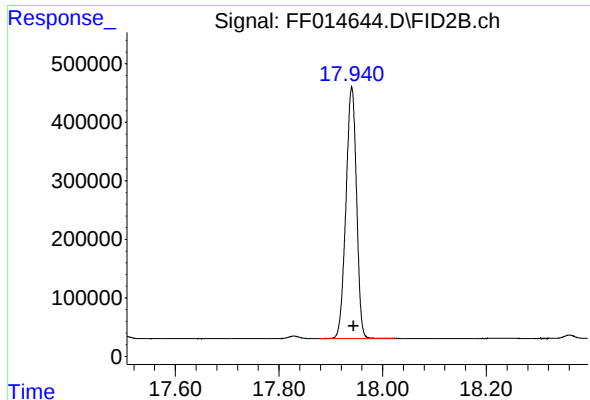
#11 N-HEXACOSANE

R.T.: 16.106 min
Delta R.T.: -0.004 min
Response: 6202168
Conc: 42.57 ug/ml



#12 N-OCTACOSANE

R.T.: 17.055 min
Delta R.T.: -0.004 min
Response: 6095864
Conc: 42.25 ug/ml m



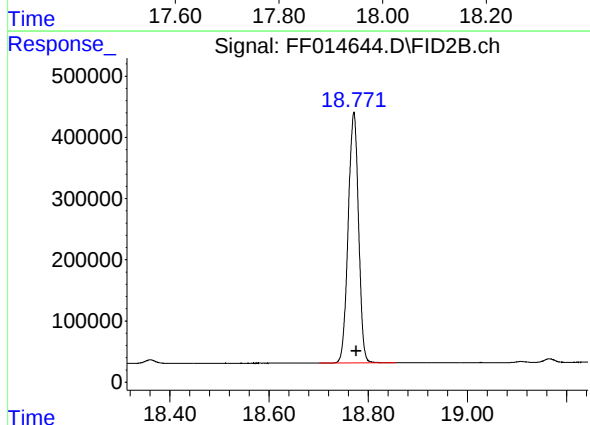
#13 N-TRIACONTANE

R.T.: 17.940 min
Delta R.T.: -0.004 min
Response: 6096320
Conc: 41.76 ug/ml

Instrument :
FID_F
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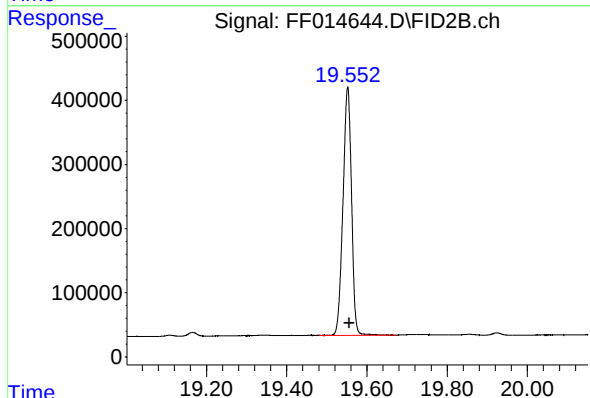
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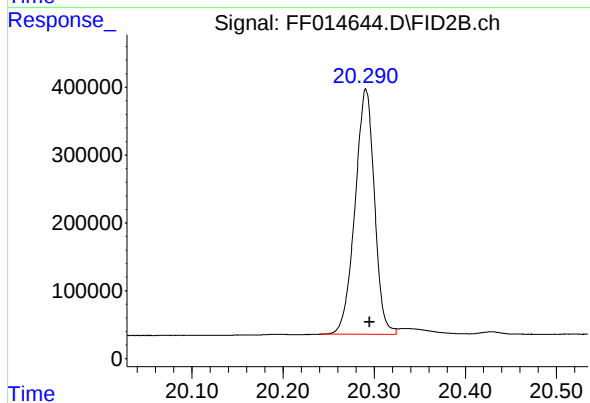
#14 N-DOTRIACONTANE

R.T.: 18.771 min
Delta R.T.: -0.005 min
Response: 5935361
Conc: 40.90 ug/ml



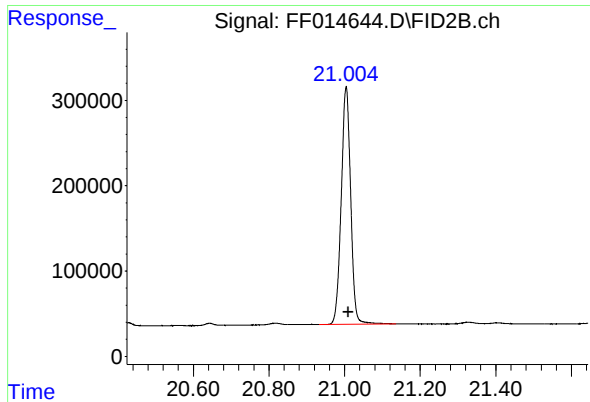
#15 N-TETRATRIACONTANE

R.T.: 19.552 min
Delta R.T.: -0.005 min
Response: 5742350
Conc: 41.67 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.290 min
Delta R.T.: -0.005 min
Response: 5346249
Conc: 40.16 ug/ml m



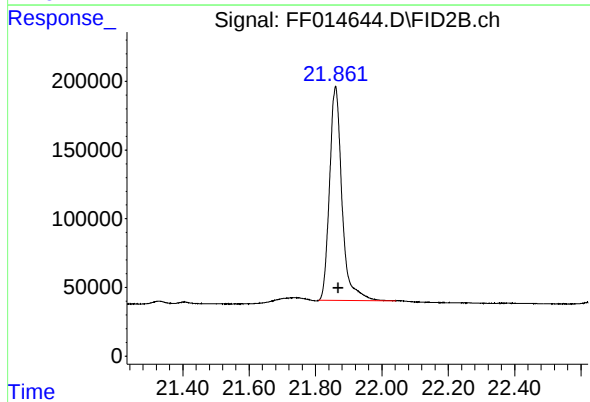
#17 N-OCTATRIACONTANE

R.T.: 21.004 min
Delta R.T.: -0.005 min
Response: 4820364
Conc: 43.04 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.860 min
Delta R.T.: -0.008 min
Response: 4049534
Conc: 43.36 ug/ml