

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014625.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 17:08
 Operator : YP\AJ
 Sample : P4368-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-05-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 01:26:42 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...	14.883	2131915	16.302 ug/ml
Target Compounds			
1) N-OCTANE	1.940	564584	4.221 ug/ml
2) N-DECANE	4.442	596552	4.401 ug/ml
3) N-DODECANE	6.608	614829	4.506 ug/ml
4) N-TETRADECANE	8.434	611336	4.442 ug/ml
5) N-HEXADECANE	10.040	626331	4.580 ug/ml
6) N-OCTADECANE	11.480	698788	4.880 ug/ml
7) N-EICOSANE	12.789	716559	4.825 ug/ml
8) N-DOCOSANE	13.984	724320	4.980 ug/ml
10) N-TETRACOSANE	15.086	730941	4.991 ug/ml
11) N-HEXACOSANE	16.107	705708	4.843 ug/ml
12) N-OCTACOSANE	17.055	689029	4.776 ug/ml
13) N-TRIACONTANE	17.942	655185	4.488 ug/ml
14) N-DOTRIACONTANE	18.775	520308	3.585 ug/ml
15) N-TETRATRIACONTANE	19.561	339939	2.467 ug/ml
16) N-HEXATRIACONTANE	20.302	223431	1.678 ug/mlm
17) N-OCTATRIACONTANE	21.023	165184	1.475 ug/mlm
18) N-TETRACONTANE	21.919f	176042	1.885 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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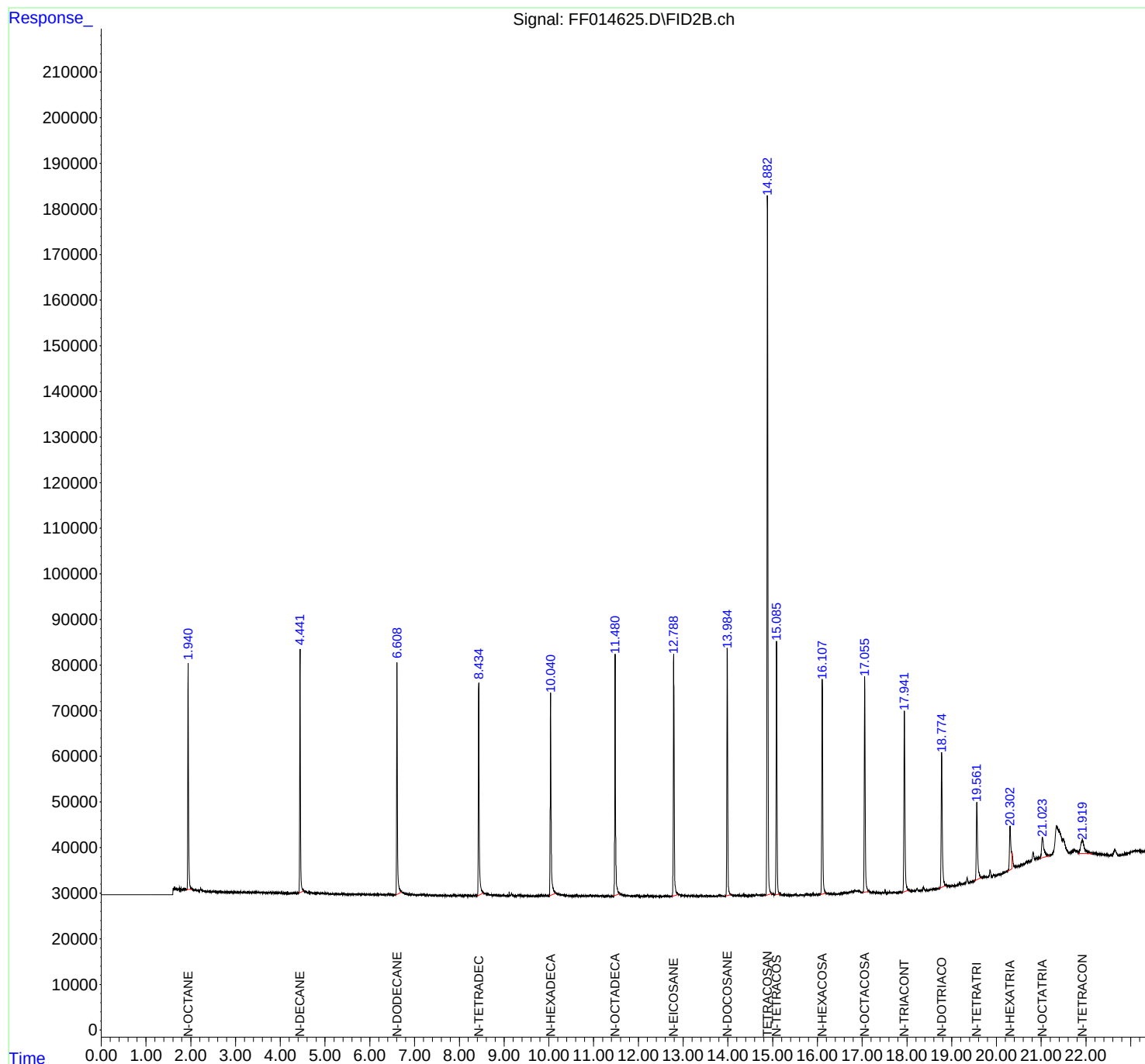
Instrument :
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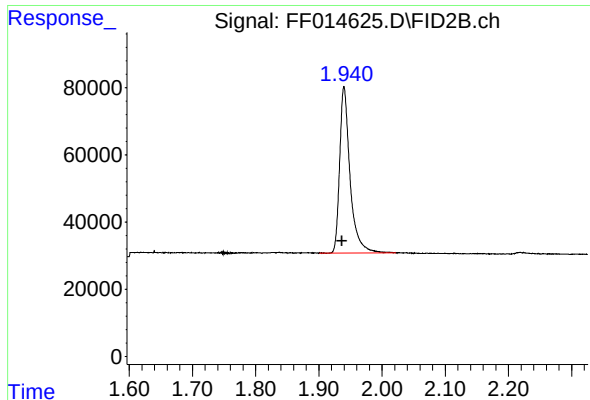
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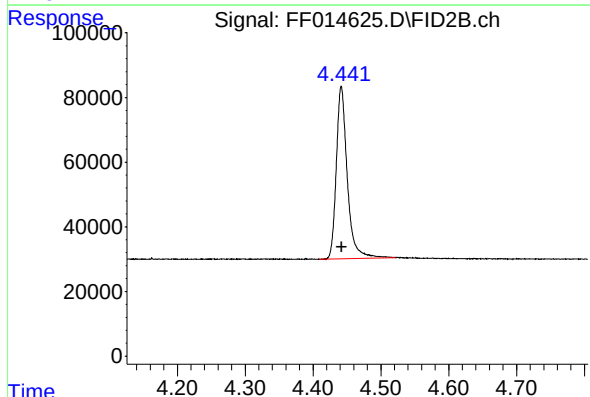
#1 N-OCTANE

R.T.: 1.940 min
Delta R.T.: 0.003 min
Response: 564584
Conc: 4.22 ug/ml

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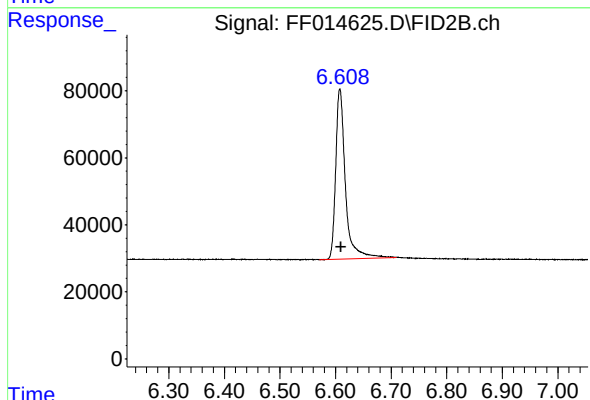
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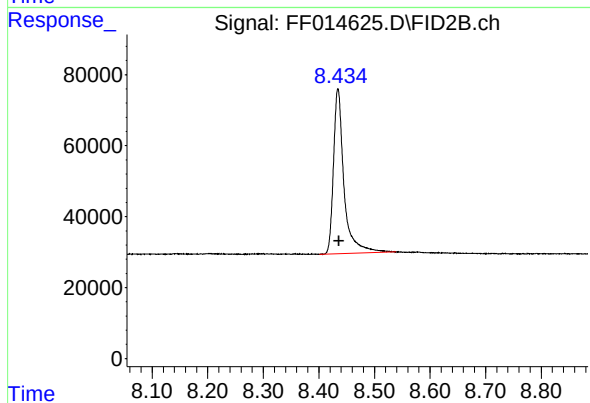
#2 N-DECANE

R.T.: 4.442 min
Delta R.T.: 0.000 min
Response: 596552
Conc: 4.40 ug/ml



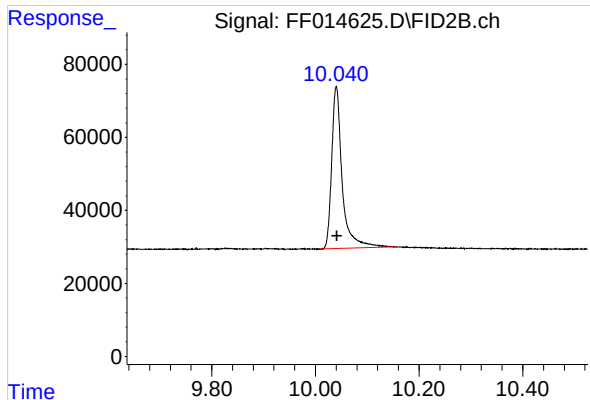
#3 N-DODECANE

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 614829
Conc: 4.51 ug/ml



#4 N-TETRADECANE

R.T.: 8.434 min
Delta R.T.: -0.002 min
Response: 611336
Conc: 4.44 ug/ml



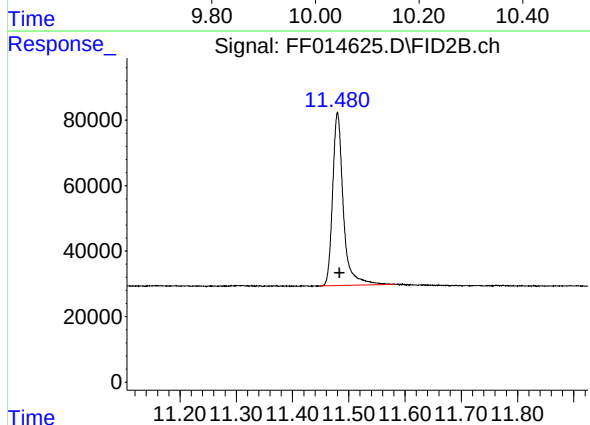
#5 N-HEXADECANE

R.T.: 10.040 min
Delta R.T.: -0.001 min
Response: 626331
Conc: 4.58 ug/ml

Instrument :
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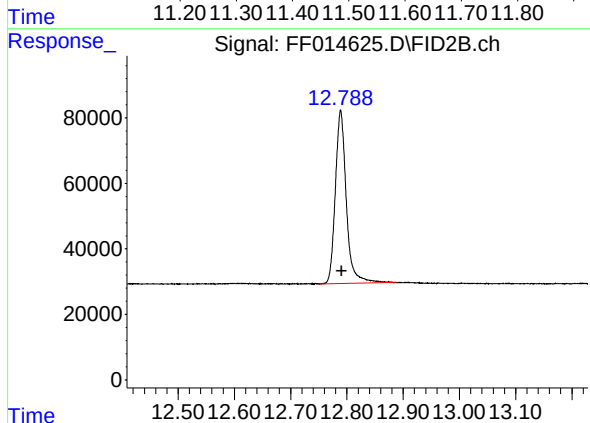
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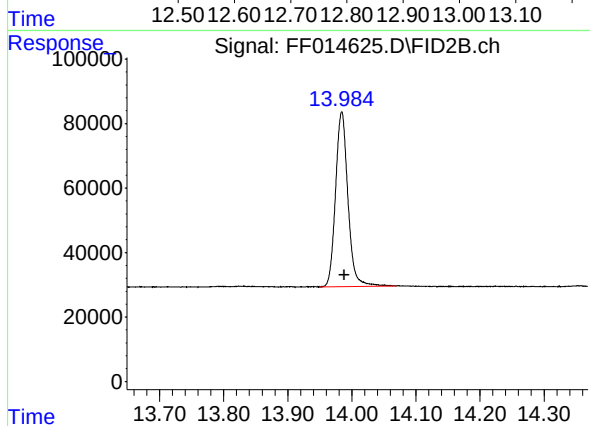
#6 N-OCTADECANE

R.T.: 11.480 min
Delta R.T.: -0.003 min
Response: 698788
Conc: 4.88 ug/ml



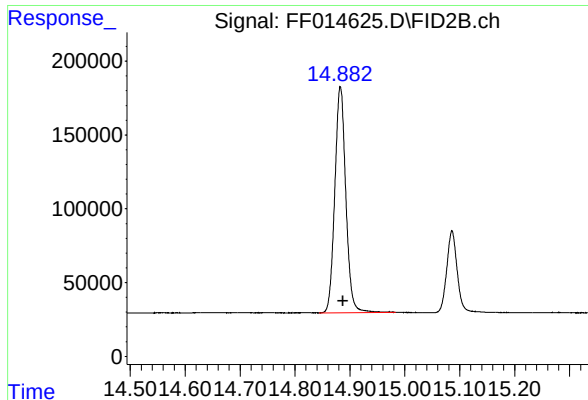
#7 N-EICOSANE

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 716559
Conc: 4.83 ug/ml



#8 N-DOCOSANE

R.T.: 13.984 min
Delta R.T.: -0.004 min
Response: 724320
Conc: 4.98 ug/ml



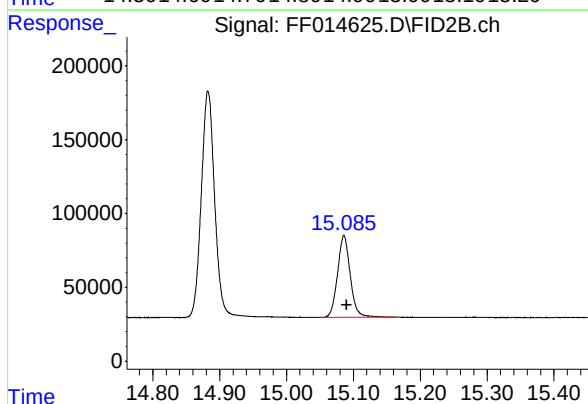
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.005 min
Response: 2131915
Conc: 16.30 ug/ml

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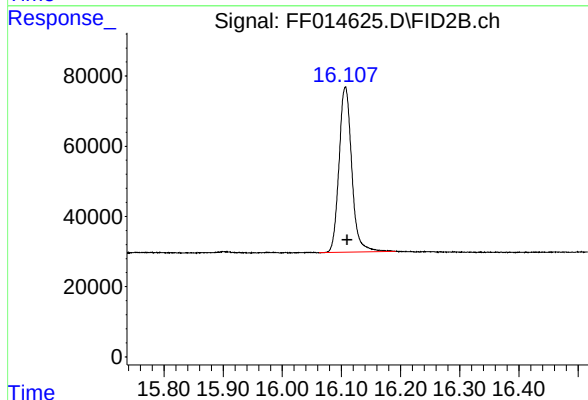
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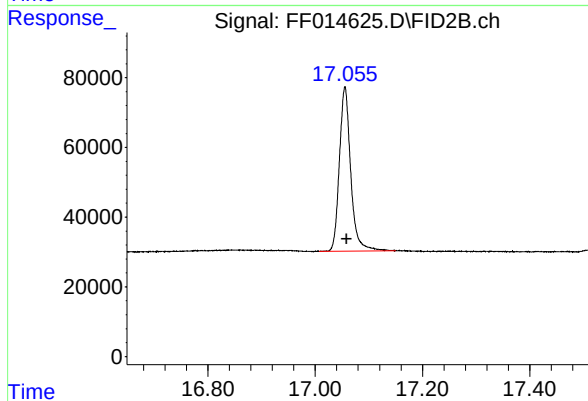
#10 N-TETRACOSANE

R.T.: 15.086 min
Delta R.T.: -0.004 min
Response: 730941
Conc: 4.99 ug/ml



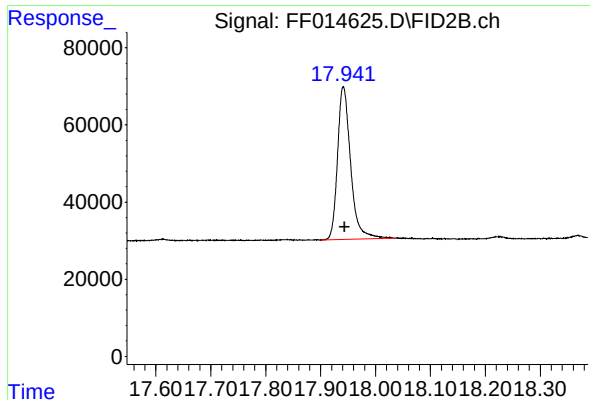
#11 N-HEXACOSANE

R.T.: 16.107 min
Delta R.T.: -0.003 min
Response: 705708
Conc: 4.84 ug/ml



#12 N-OCTACOSANE

R.T.: 17.055 min
Delta R.T.: -0.003 min
Response: 689029
Conc: 4.78 ug/ml



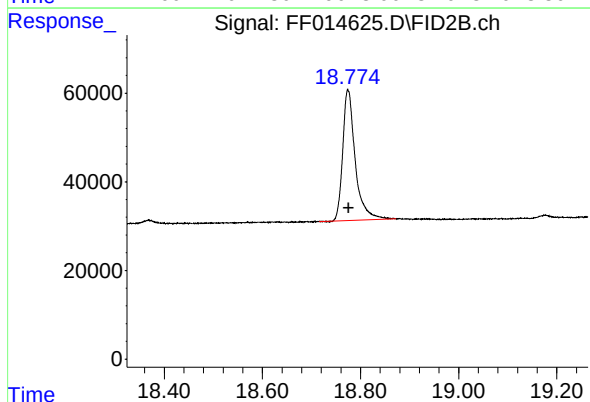
#13 N-TRIACONTANE

R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 655185
Conc: 4.49 ug/ml

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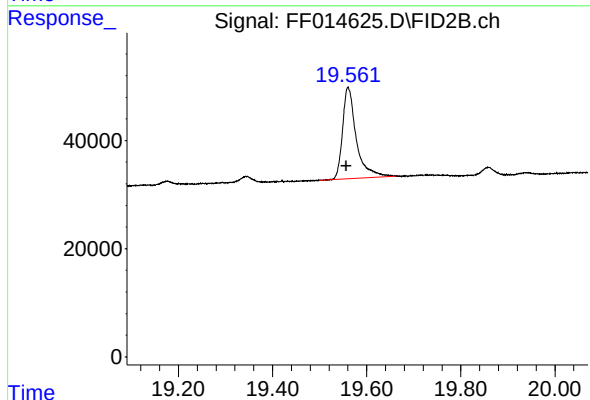
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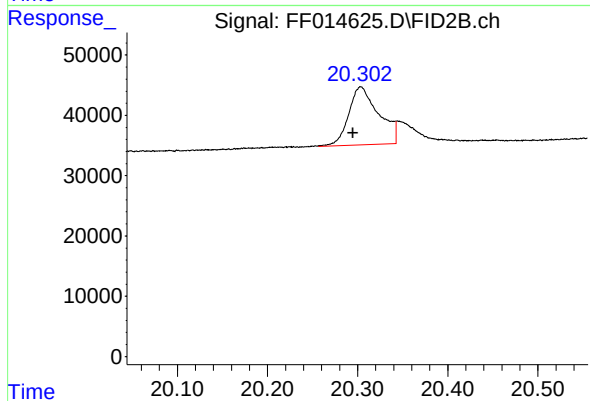
#14 N-DOTRIACONTANE

R.T.: 18.775 min
Delta R.T.: 0.000 min
Response: 520308
Conc: 3.58 ug/ml



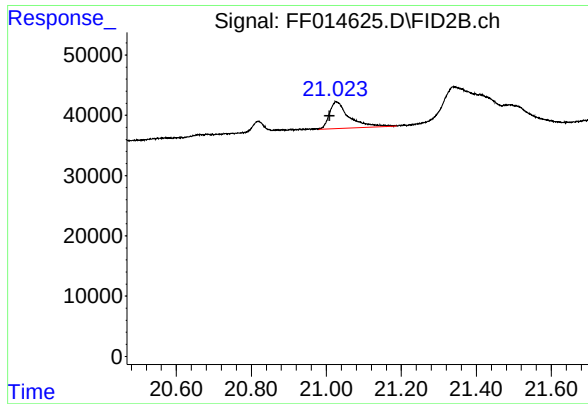
#15 N-TETRATRIACONTANE

R.T.: 19.561 min
Delta R.T.: 0.004 min
Response: 339939
Conc: 2.47 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.302 min
Delta R.T.: 0.008 min
Response: 223431
Conc: 1.68 ug/ml m



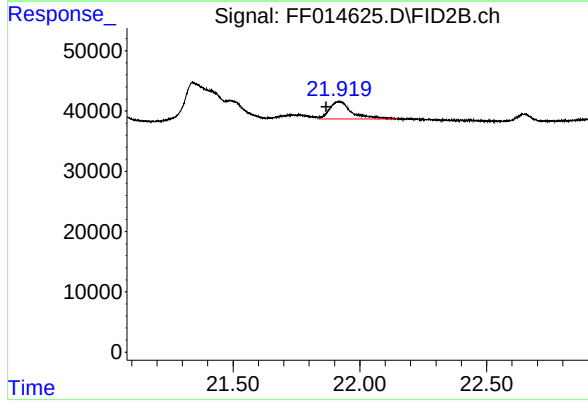
#17 N-OCTATRIACONTANE

R.T.: 21.023 min
Delta R.T.: 0.014 min
Response: 165184
Conc: 1.47 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.919 min
Delta R.T.: 0.050 min
Response: 176042
Conc: 1.89 ug/ml m