

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014621.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 15:11
 Operator : YP\AJ
 Sample : P4368-04
 Misc : 2.5 PPM SOIL LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-04-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 01:25:54 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	2274723	17.394 ug/ml
Target Compounds			
1) N-OCTANE	1.942	297065	2.221 ug/ml
2) N-DECANE	4.444	295194	2.178 ug/ml
3) N-DODECANE	6.609	332757	2.439 ug/mlm
4) N-TETRADECANE	8.437	348144	2.530 ug/mlm
5) N-HEXADECANE	10.043	359186	2.626 ug/mlm
6) N-OCTADECANE	11.482	382569	2.672 ug/mlm
7) N-EICOSANE	12.790	365278	2.460 ug/ml
8) N-DOCOSANE	13.985	380461	2.616 ug/ml
10) N-TETRACOSANE	15.087	387314	2.645 ug/ml
11) N-HEXACOSANE	16.110	361372	2.480 ug/ml
12) N-OCTACOSANE	17.059	353260	2.448 ug/ml
13) N-TRIACONTANE	17.947	343877	2.355 ug/ml
14) N-DOTRIACONTANE	18.780	264560	1.823 ug/ml
15) N-TETRATRIACONTANE	19.565	184474	1.339 ug/mlm
16) N-HEXATRIACONTANE	20.311	192249	1.444 ug/ml
17) N-OCTATRIACONTANE	21.034	84349	0.753 ug/mlm
18) N-TETRACONTANE	21.926f	53800	0.576 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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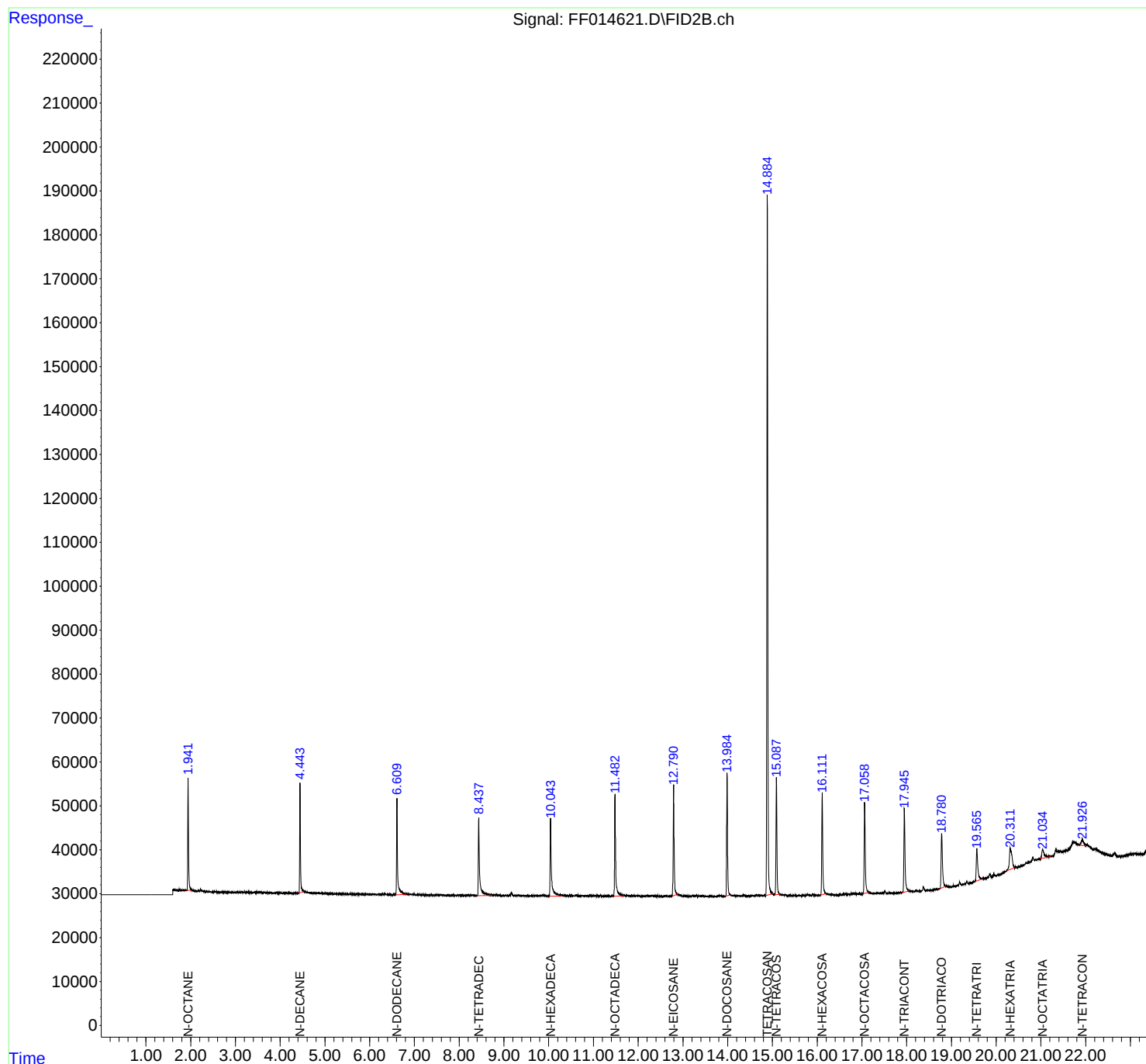
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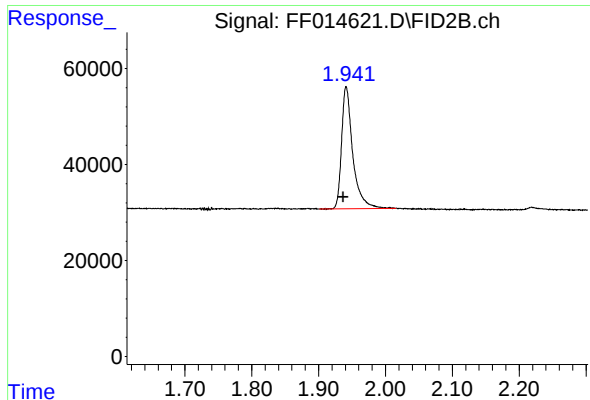
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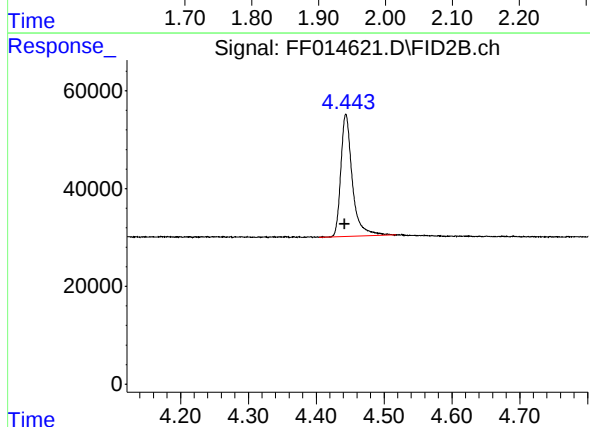
#1 N-OCTANE

R.T.: 1.942 min
Delta R.T.: 0.005 min
Response: 297065
Conc: 2.22 ug/ml

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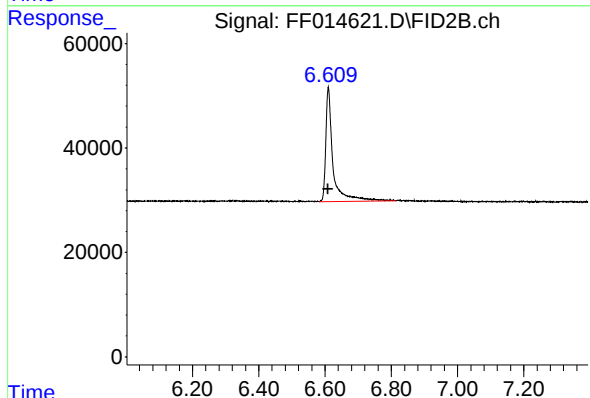
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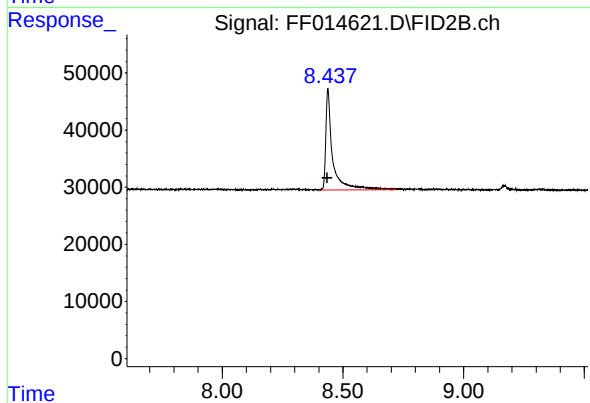
#2 N-DECANE

R.T.: 4.444 min
Delta R.T.: 0.002 min
Response: 295194
Conc: 2.18 ug/ml



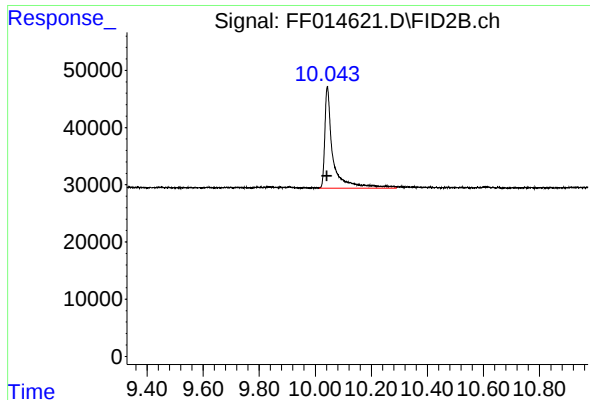
#3 N-DODECANE

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 332757
Conc: 2.44 ug/ml m



#4 N-TETRADECANE

R.T.: 8.437 min
Delta R.T.: 0.001 min
Response: 348144
Conc: 2.53 ug/ml m



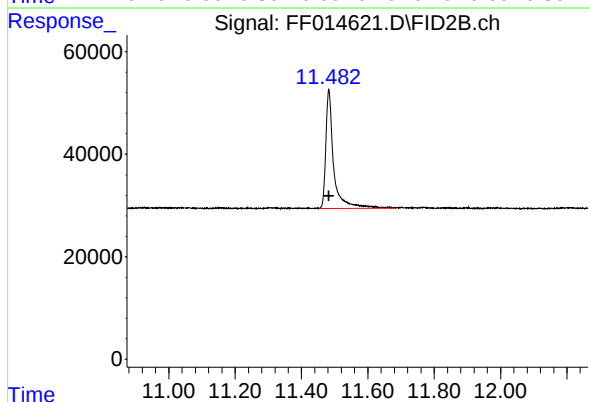
#5 N-HEXADECANE

R.T.: 10.043 min
Delta R.T.: 0.001 min
Response: 359186
Conc: 2.63 ug/ml

Instrument :
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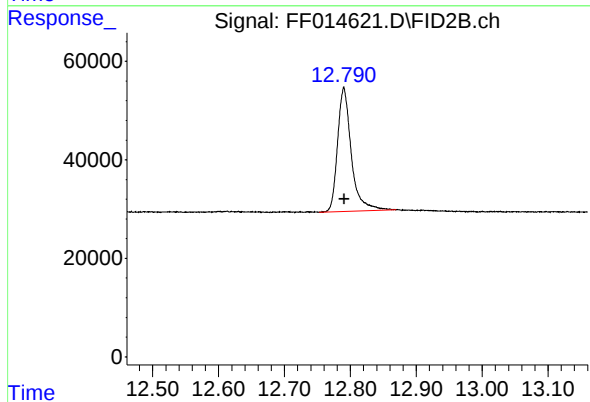
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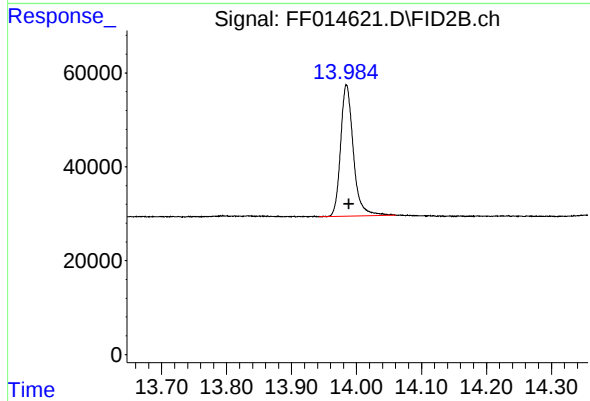
#6 N-OCTADECANE

R.T.: 11.482 min
Delta R.T.: -0.002 min
Response: 382569
Conc: 2.67 ug/ml



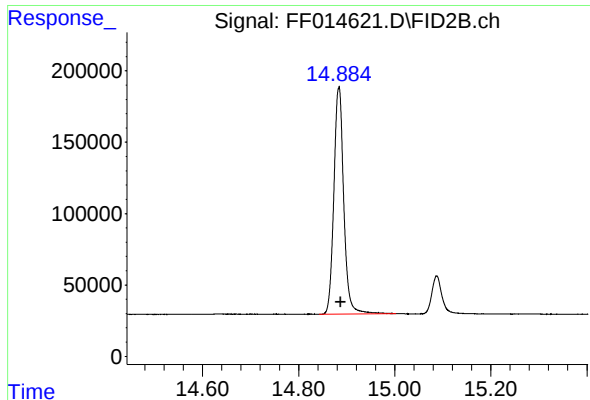
#7 N-EICOSANE

R.T.: 12.790 min
Delta R.T.: 0.000 min
Response: 365278
Conc: 2.46 ug/ml



#8 N-DOCOSANE

R.T.: 13.985 min
Delta R.T.: -0.004 min
Response: 380461
Conc: 2.62 ug/ml



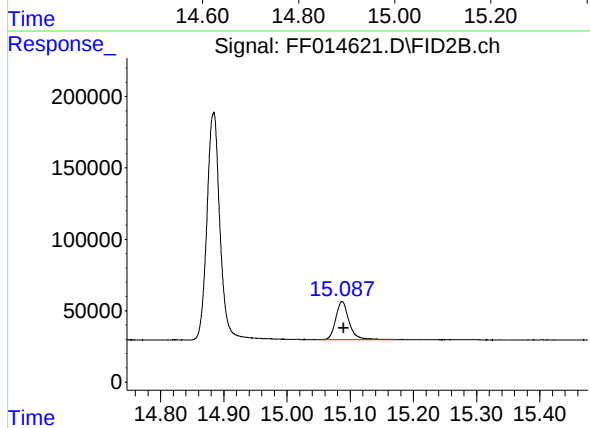
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.884 min
Delta R.T.: -0.004 min
Response: 2274723
Conc: 17.39 ug/ml

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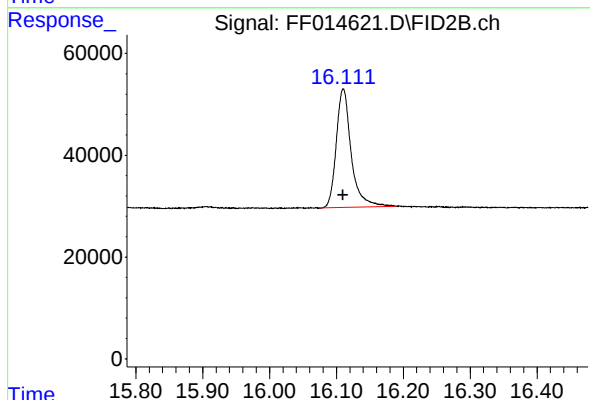
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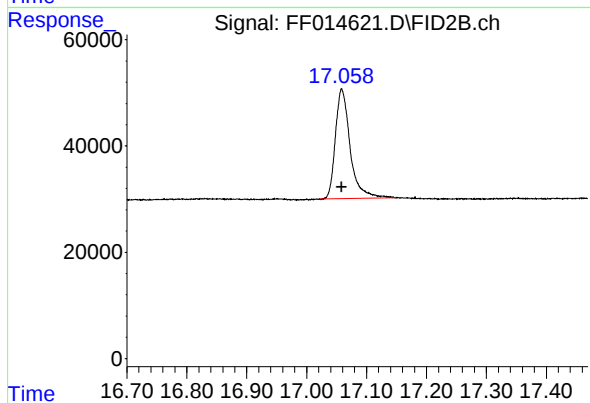
#10 N-TETRACOSANE

R.T.: 15.087 min
Delta R.T.: -0.003 min
Response: 387314
Conc: 2.64 ug/ml



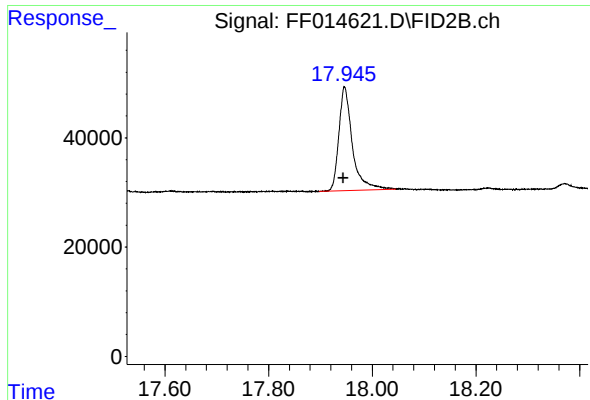
#11 N-HEXACOSANE

R.T.: 16.110 min
Delta R.T.: 0.000 min
Response: 361372
Conc: 2.48 ug/ml



#12 N-OCTACOSANE

R.T.: 17.059 min
Delta R.T.: 0.000 min
Response: 353260
Conc: 2.45 ug/ml



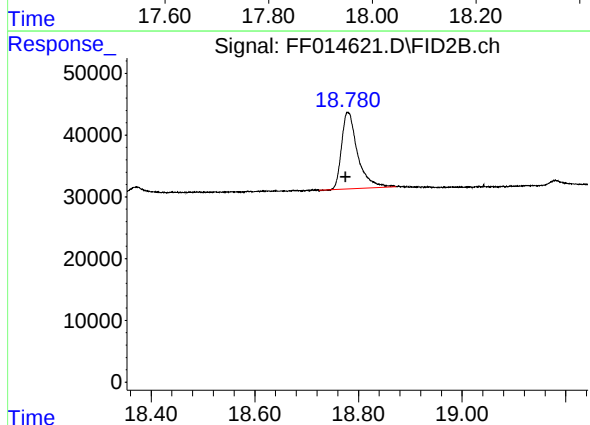
#13 N-TRIACONTANE

R.T.: 17.947 min
Delta R.T.: 0.003 min
Response: 343877
Conc: 2.36 ug/ml

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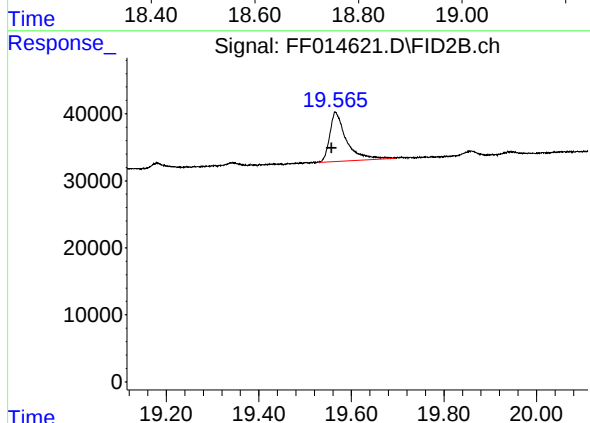
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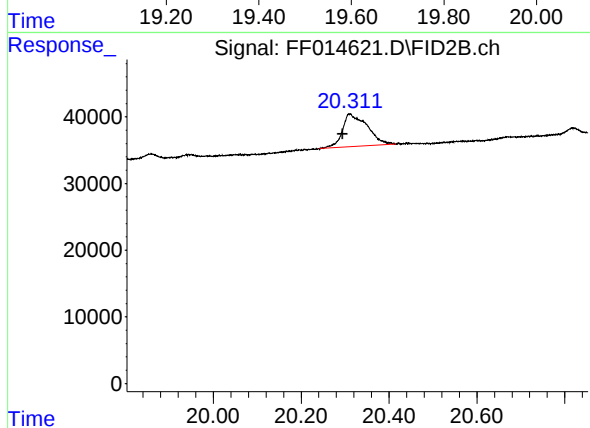
#14 N-DOTRIACONTANE

R.T.: 18.780 min
Delta R.T.: 0.004 min
Response: 264560
Conc: 1.82 ug/ml



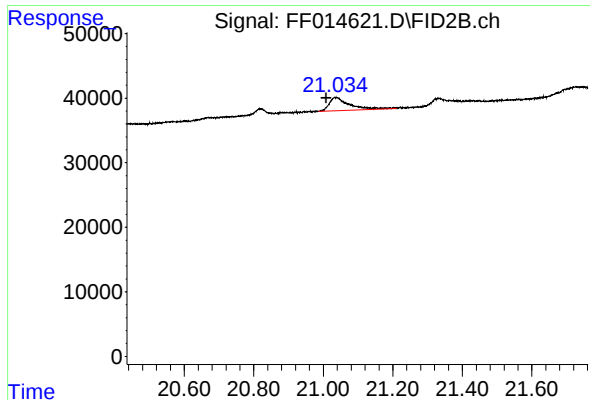
#15 N-TETRATRIACONTANE

R.T.: 19.565 min
Delta R.T.: 0.008 min
Response: 184474
Conc: 1.34 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.311 min
Delta R.T.: 0.016 min
Response: 192249
Conc: 1.44 ug/ml



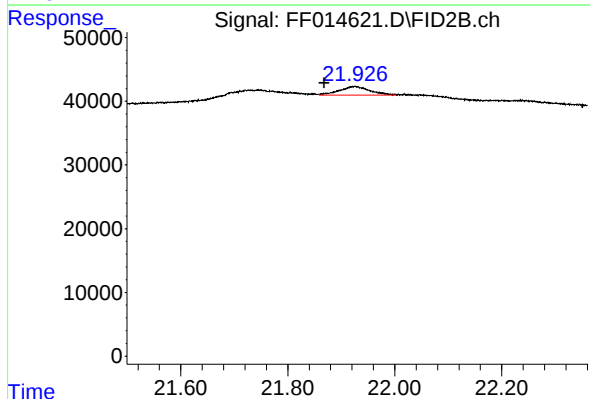
#17 N-OCTATRIACONTANE

R.T.: 21.034 min
Delta R.T.: 0.025 min
Response: 84349
Conc: 0.75 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.926 min
Delta R.T.: 0.058 min
Response: 53800
Conc: 0.58 ug/ml m