

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014622.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 15:41
 Operator : YP\AJ
 Sample : P4368-05
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-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 01:26:06 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...	14.882	2253500	17.231 ug/ml
Target Compounds			
1) N-OCTANE	1.943	603354	4.511 ug/ml
2) N-DECANE	4.443	639930	4.721 ug/ml
3) N-DODECANE	6.608	651744	4.777 ug/ml
4) N-TETRADECANE	8.435	654042	4.752 ug/ml
5) N-HEXADECANE	10.039	662546	4.845 ug/ml
6) N-OCTADECANE	11.480	742416	5.185 ug/ml
7) N-EICOSANE	12.787	753647	5.075 ug/ml
8) N-DOCOSANE	13.985	763757	5.251 ug/ml
10) N-TETRACOSANE	15.086	771727	5.270 ug/ml
11) N-HEXACOSANE	16.106	748788	5.139 ug/ml
12) N-OCTACOSANE	17.055	728761	5.051 ug/ml
13) N-TRIACONTANE	17.941	697383	4.777 ug/ml
14) N-DOTRIACONTANE	18.774	561837	3.871 ug/ml
15) N-TETRATRIACONTANE	19.559	370535	2.689 ug/ml
16) N-HEXATRIACONTANE	20.302	218794	1.643 ug/mlm
17) N-OCTATRIACONTANE	21.025	186451	1.665 ug/mlm
18) N-TETRACONTANE	21.920f	268655	2.877 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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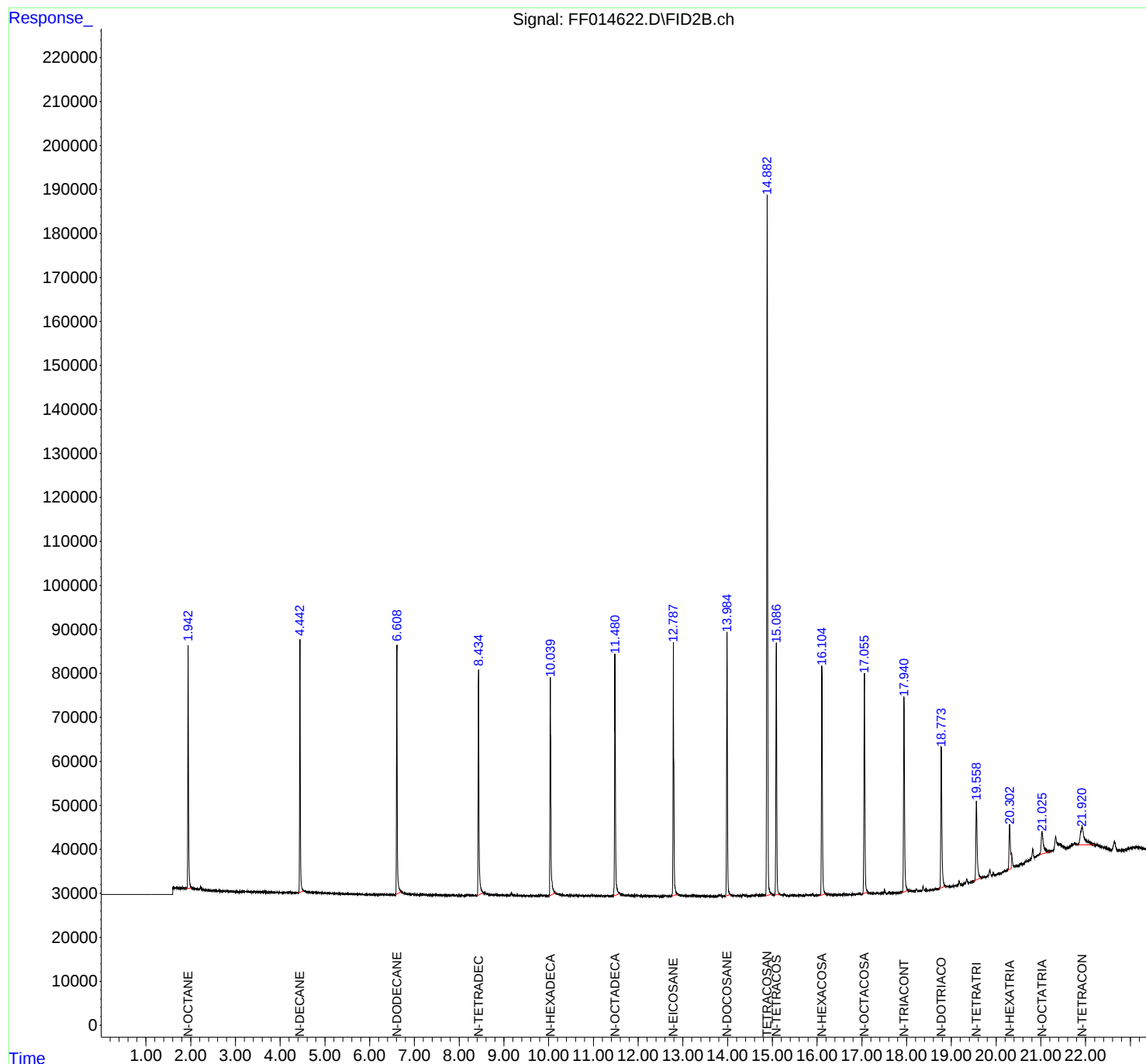
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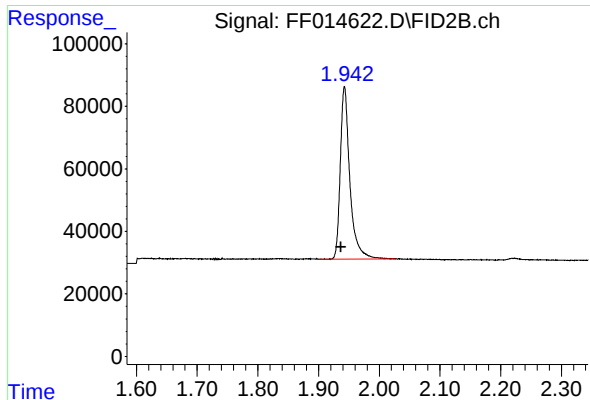
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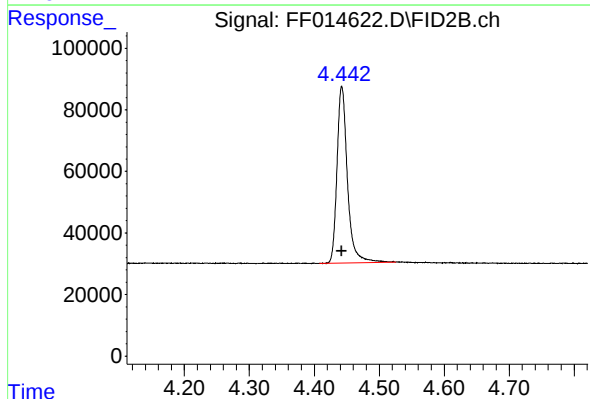
#1 N-OCTANE

R.T.: 1.943 min
Delta R.T.: 0.006 min
Response: 603354
Conc: 4.51 ug/ml

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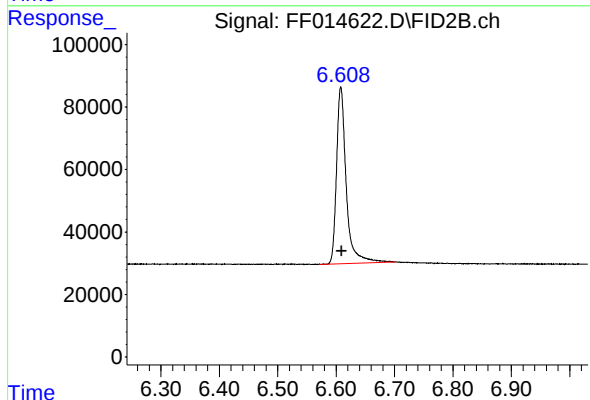
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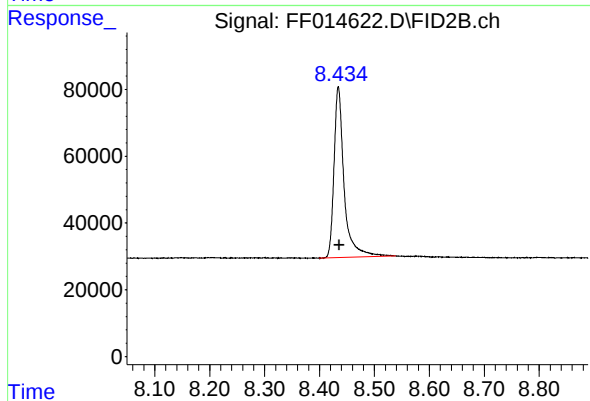
#2 N-DECANE

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 639930
Conc: 4.72 ug/ml



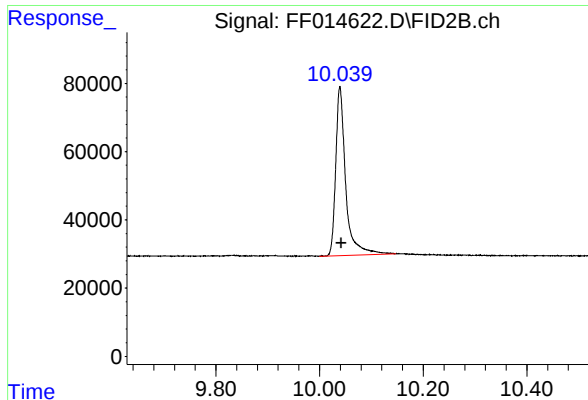
#3 N-DODECANE

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 651744
Conc: 4.78 ug/ml



#4 N-TETRADECANE

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 654042
Conc: 4.75 ug/ml



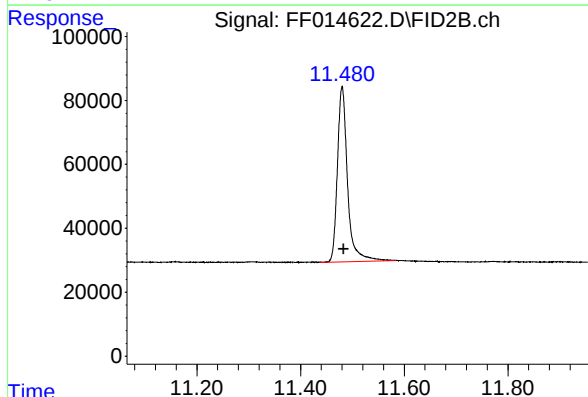
#5 N-HEXADECANE

R.T.: 10.039 min
Delta R.T.: -0.002 min
Response: 662546
Conc: 4.84 ug/ml

Instrument :
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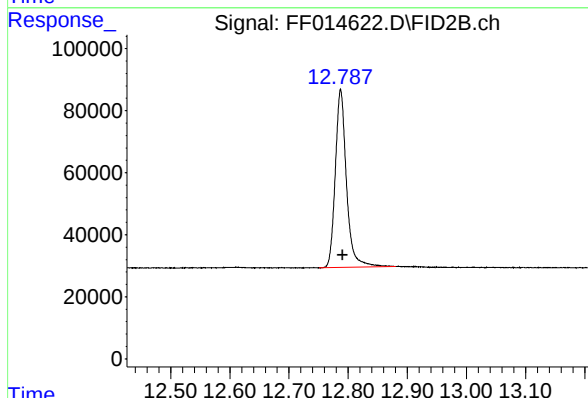
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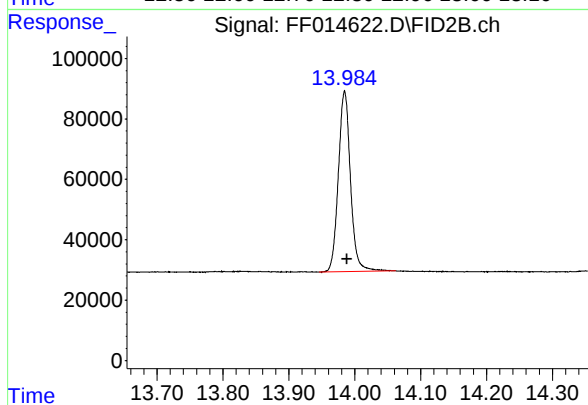
#6 N-OCTADECANE

R.T.: 11.480 min
Delta R.T.: -0.003 min
Response: 742416
Conc: 5.18 ug/ml



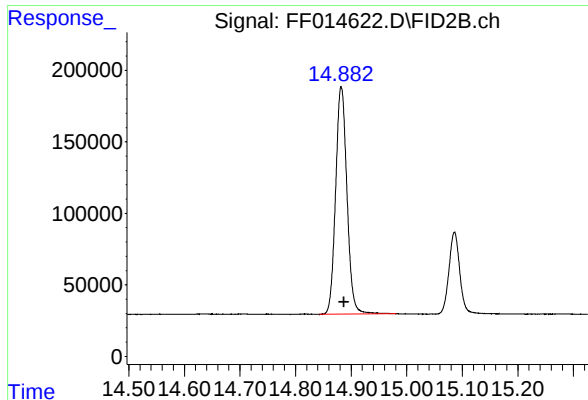
#7 N-EICOSANE

R.T.: 12.787 min
Delta R.T.: -0.004 min
Response: 753647
Conc: 5.07 ug/ml



#8 N-DOCOSANE

R.T.: 13.985 min
Delta R.T.: -0.004 min
Response: 763757
Conc: 5.25 ug/ml



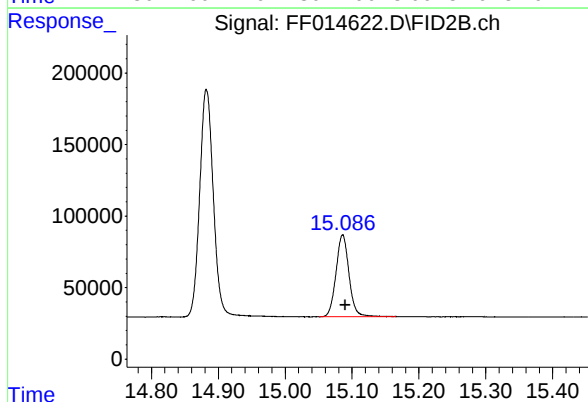
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.882 min
Delta R.T.: -0.005 min
Response: 2253500
Conc: 17.23 ug/ml

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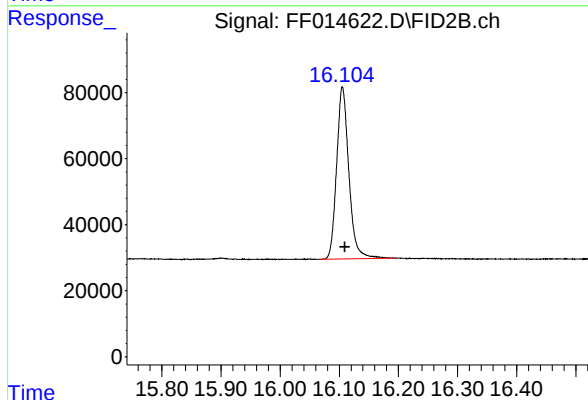
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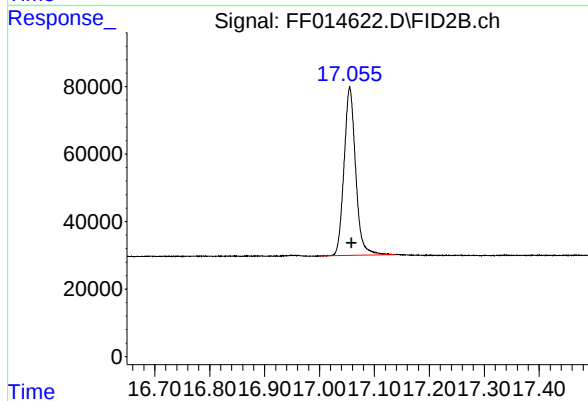
#10 N-TETRACOSANE

R.T.: 15.086 min
Delta R.T.: -0.004 min
Response: 771727
Conc: 5.27 ug/ml



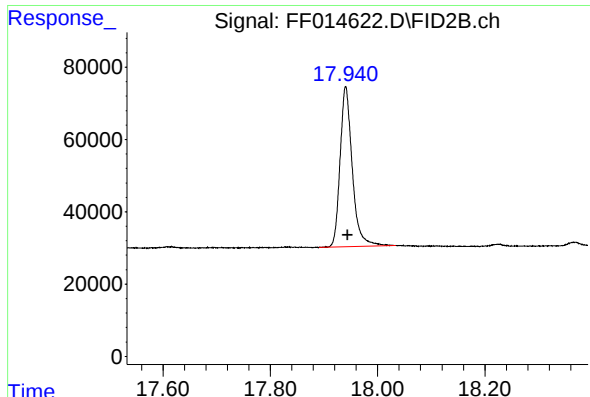
#11 N-HEXACOSANE

R.T.: 16.106 min
Delta R.T.: -0.004 min
Response: 748788
Conc: 5.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.055 min
Delta R.T.: -0.004 min
Response: 728761
Conc: 5.05 ug/ml



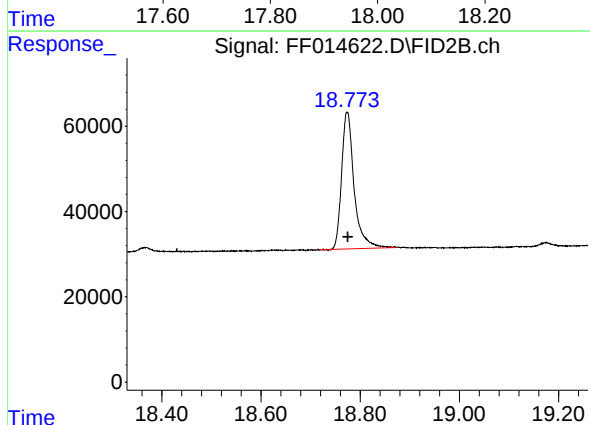
#13 N-TRIACONTANE

R.T.: 17.941 min
Delta R.T.: -0.004 min
Response: 697383
Conc: 4.78 ug/ml

Instrument :
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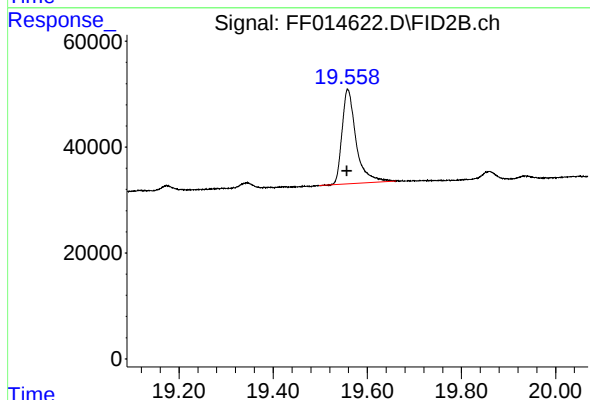
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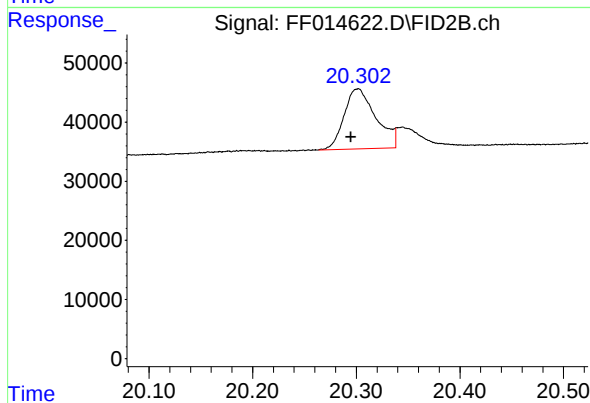
#14 N-DOTRIACONTANE

R.T.: 18.774 min
Delta R.T.: -0.001 min
Response: 561837
Conc: 3.87 ug/ml



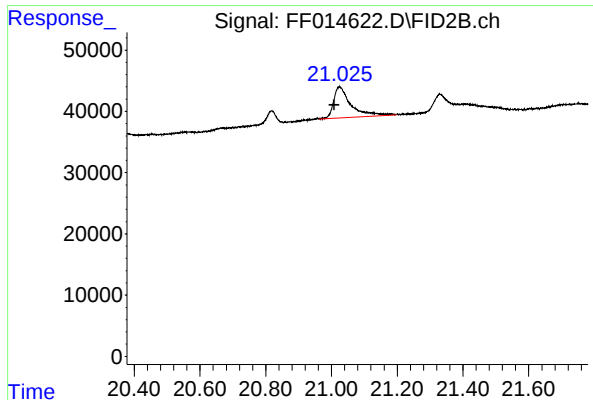
#15 N-TETRATRIACONTANE

R.T.: 19.559 min
Delta R.T.: 0.002 min
Response: 370535
Conc: 2.69 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.302 min
Delta R.T.: 0.007 min
Response: 218794
Conc: 1.64 ug/ml m



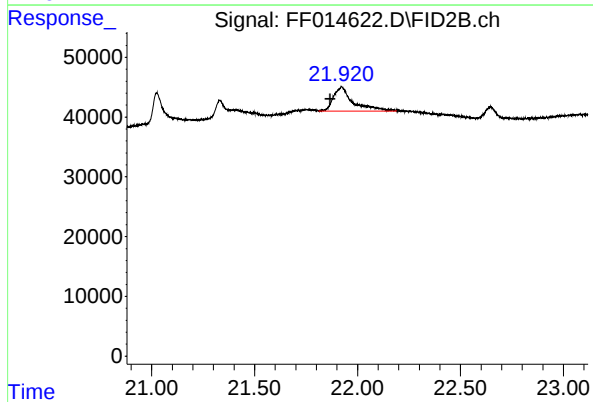
#17 N-OCTATRIACONTANE

R.T.: 21.025 min
Delta R.T.: 0.016 min
Response: 186451
Conc: 1.66 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.920 min
Delta R.T.: 0.052 min
Response: 268655
Conc: 2.88 ug/ml m