

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041023\
 Data File : FF012438.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 10:54
 Operator : YP\AJ
 Sample : 02213-06
 Misc : 1 PPM SOIL MDL
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-06-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 10 12:00:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 2023
 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...	15.013	2576336	23.021 ug/mlm
Target Compounds			
1) N-OCTANE	2.070	128408	1.013 ug/ml
2) N-DECANE	4.581	117780	0.941 ug/ml
3) N-DODECANE	6.747	54510	0.440 ug/mlm
4) N-TETRADECANE	8.601	104978	0.806 ug/mlm
5) N-HEXADECANE	10.187	115640	0.867 ug/ml
6) N-OCTADECANE	11.619	132598	0.987 ug/ml
7) N-EICOSANE	12.922	148638	1.117 ug/ml
8) N-DOCOSANE	14.115	158482	1.247 ug/ml
10) N-TETRACOSANE	15.216	190867	1.530 ug/ml
11) N-HEXACOSANE	16.242	174268	1.455 ug/ml
12) N-OCTACOSANE	17.188	195881	1.703 ug/ml
13) N-TRIACONTANE	18.072	245460	2.231 ug/ml
14) N-DOTRIACONTANE	18.903	263582	2.540 ug/ml
15) N-TETRATRIACONTANE	19.688	206451	2.182 ug/ml
16) N-HEXATRIACONTANE	20.432	162490	1.855 ug/ml
17) N-OCTATRIACONTANE	21.167	123999	1.498 ug/ml
18) N-TETRACONTANE	22.084	98541	1.206 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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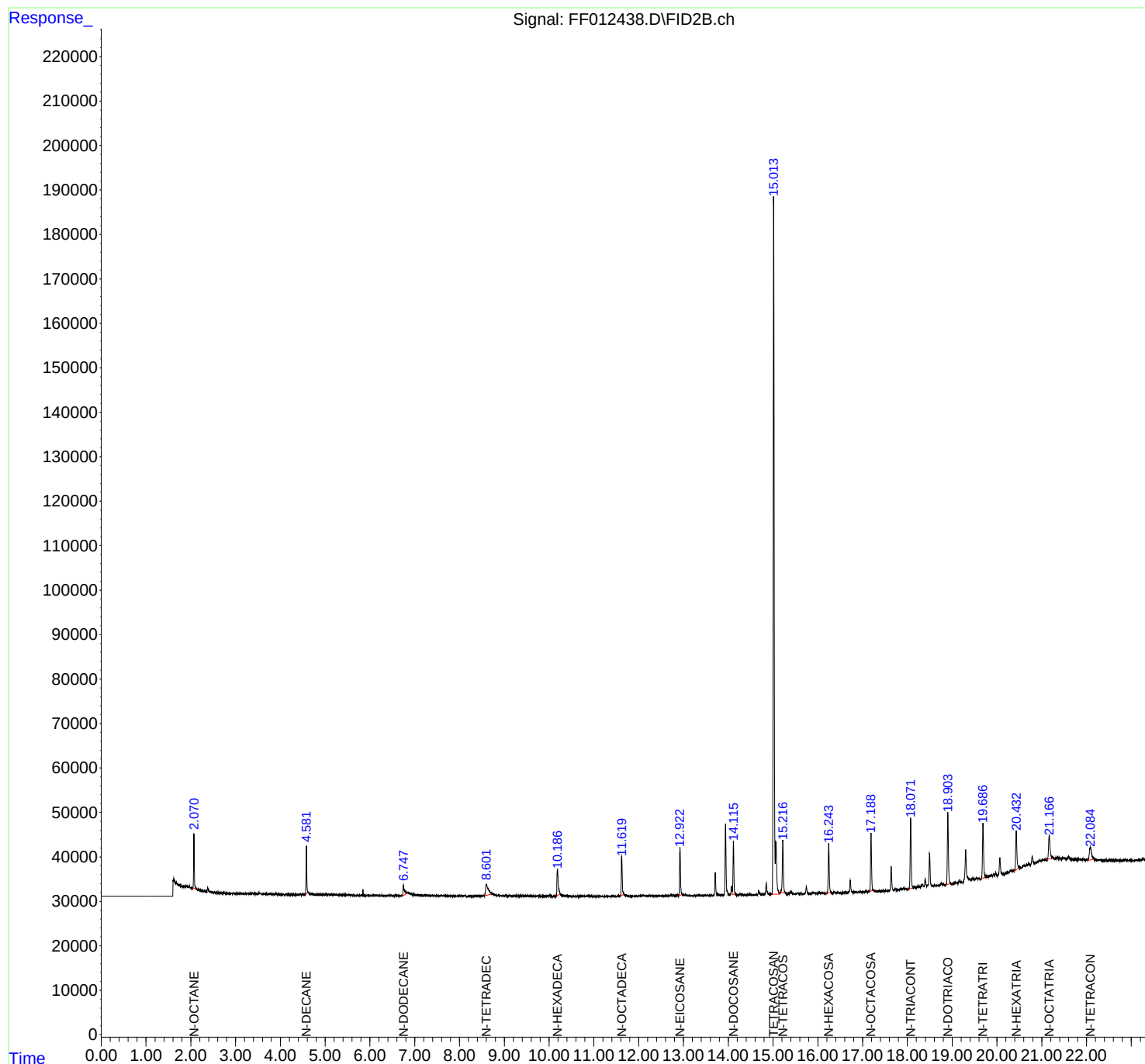
Instrument :
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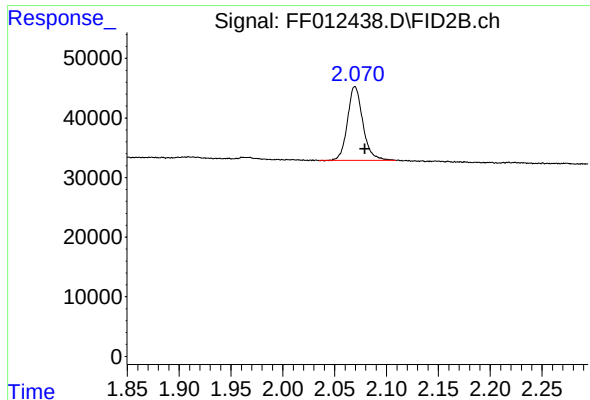
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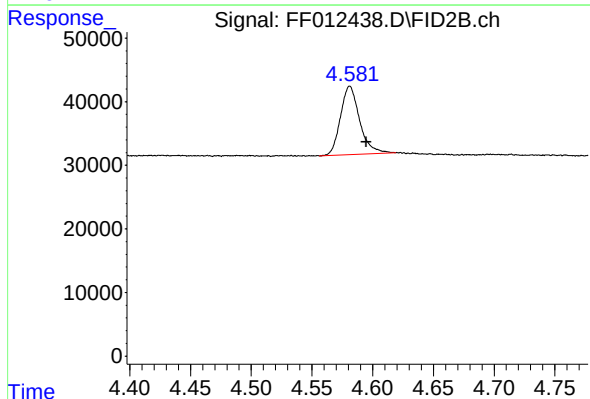
#1 N-OCTANE

R.T.: 2.070 min
Delta R.T.: -0.009 min
Response: 128408
Conc: 1.01 ug/ml

Instrument :
FID_F
ClientSampleId :
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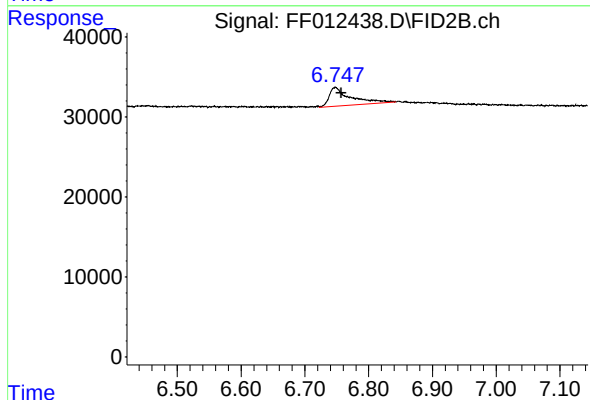
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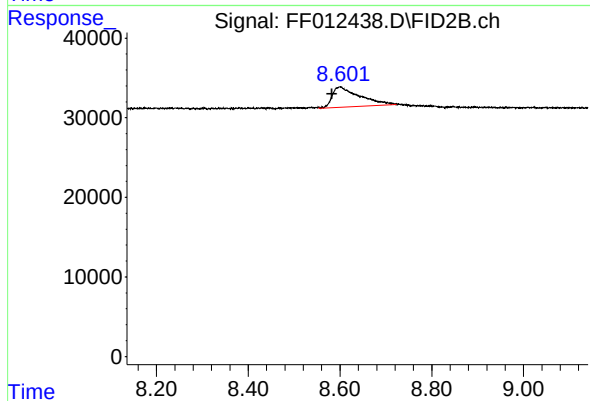
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.014 min
Response: 117780
Conc: 0.94 ug/ml



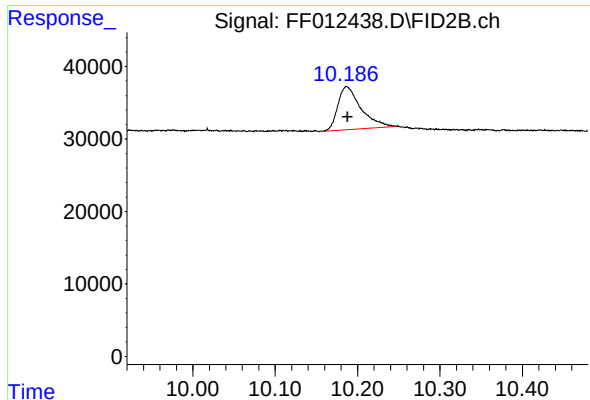
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 54510
Conc: 0.44 ug/ml m



#4 N-TETRADECANE

R.T.: 8.601 min
Delta R.T.: 0.019 min
Response: 104978
Conc: 0.81 ug/ml m



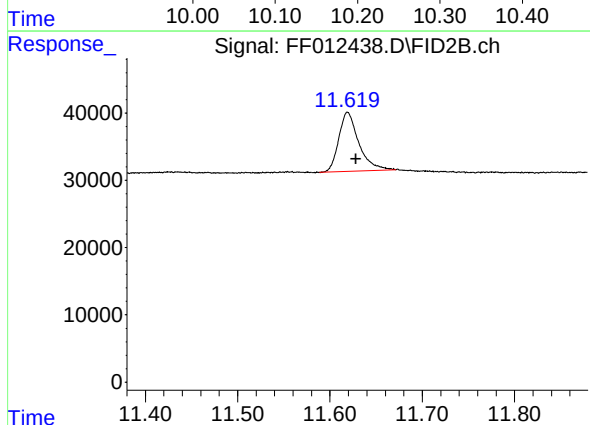
#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: -0.001 min
Response: 115640
Conc: 0.87 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-06-QT2-2023

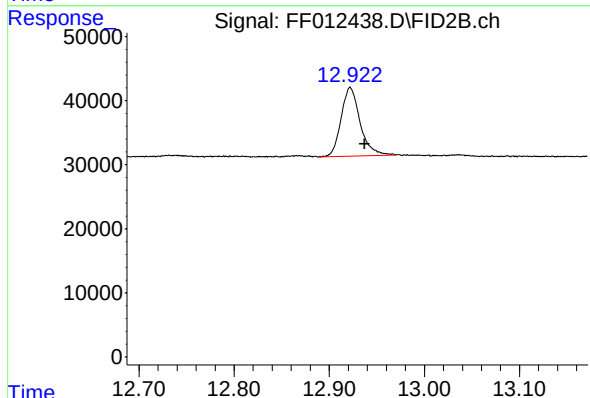
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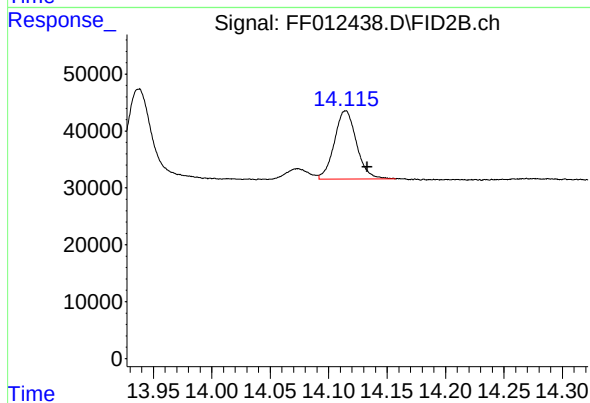
#6 N-OCTADECANE

R.T.: 11.619 min
Delta R.T.: -0.009 min
Response: 132598
Conc: 0.99 ug/ml



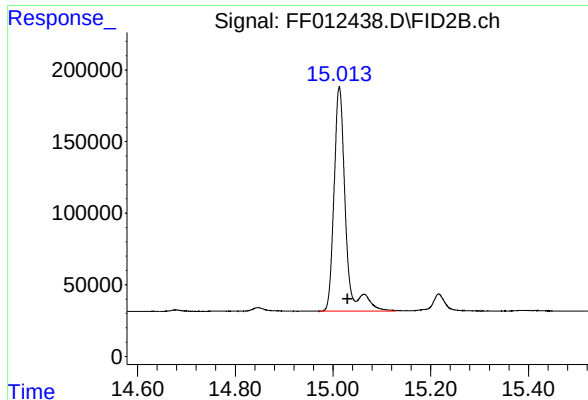
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.015 min
Response: 148638
Conc: 1.12 ug/ml



#8 N-DOCOSANE

R.T.: 14.115 min
Delta R.T.: -0.019 min
Response: 158482
Conc: 1.25 ug/ml



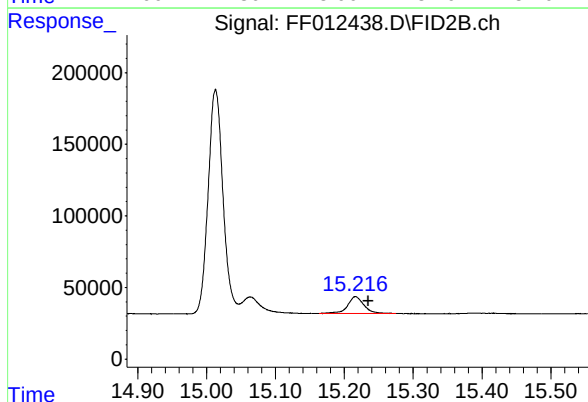
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.013 min
Delta R.T.: -0.017 min
Response: 2576336
Conc: 23.02 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-06-QT2-2023

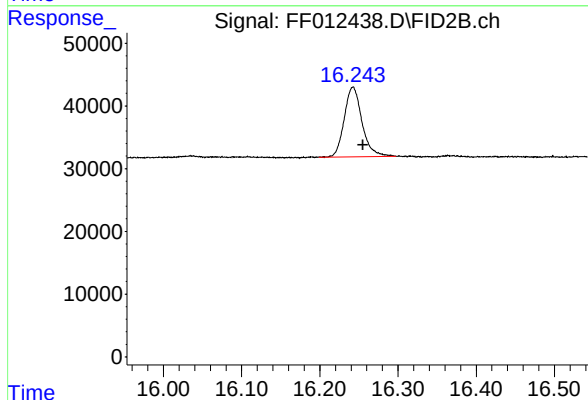
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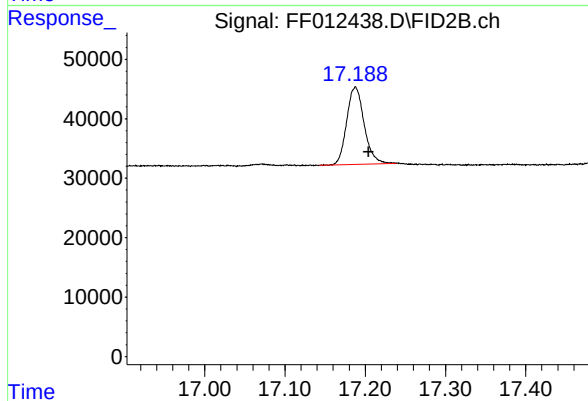
#10 N-TETRACOSANE

R.T.: 15.216 min
Delta R.T.: -0.019 min
Response: 190867
Conc: 1.53 ug/ml



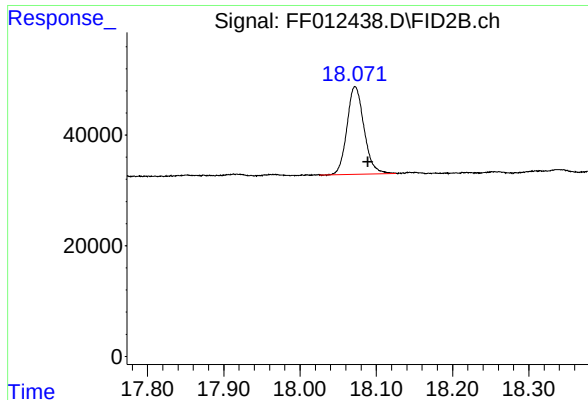
#11 N-HEXACOSANE

R.T.: 16.242 min
Delta R.T.: -0.013 min
Response: 174268
Conc: 1.46 ug/ml



#12 N-OCTACOSANE

R.T.: 17.188 min
Delta R.T.: -0.016 min
Response: 195881
Conc: 1.70 ug/ml



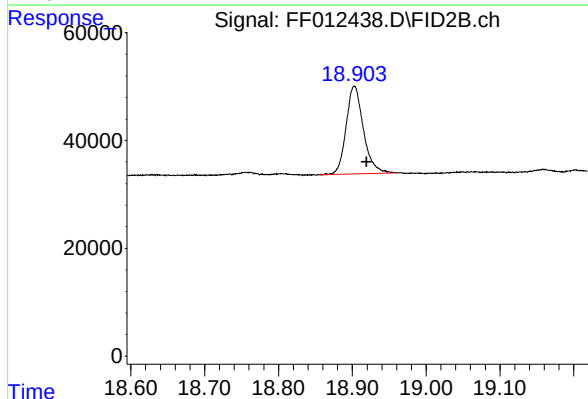
#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.017 min
Response: 245460
Conc: 2.23 ug/ml

Instrument : FID_F
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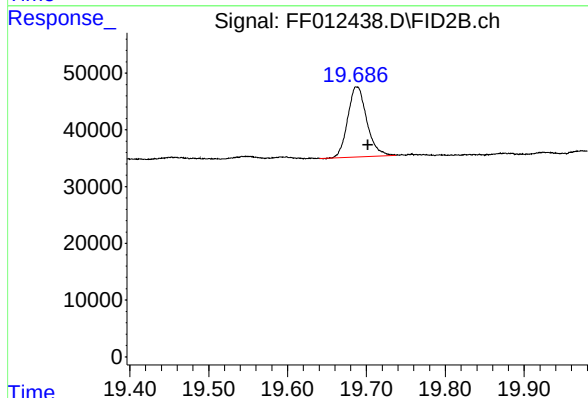
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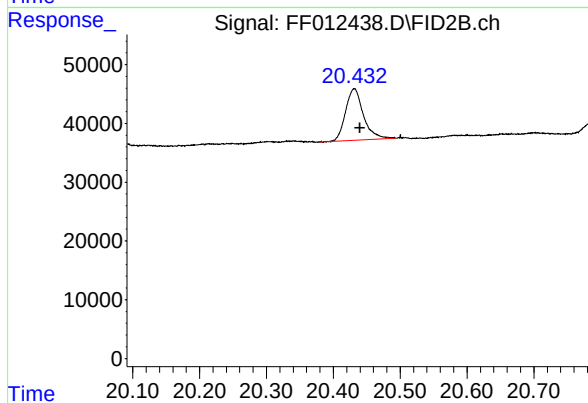
#14 N-DOTRIACONTANE

R.T.: 18.903 min
Delta R.T.: -0.017 min
Response: 263582
Conc: 2.54 ug/ml



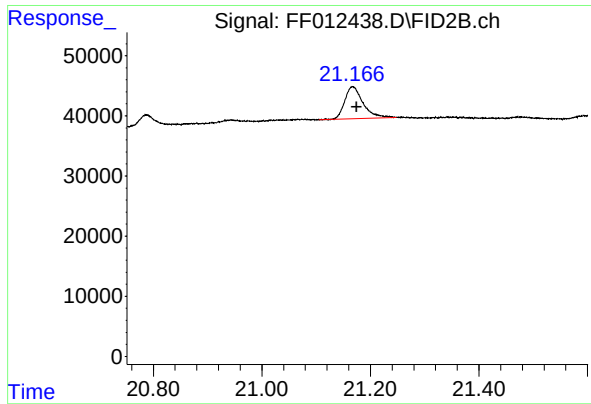
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: -0.014 min
Response: 206451
Conc: 2.18 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.432 min
Delta R.T.: -0.008 min
Response: 162490
Conc: 1.85 ug/ml



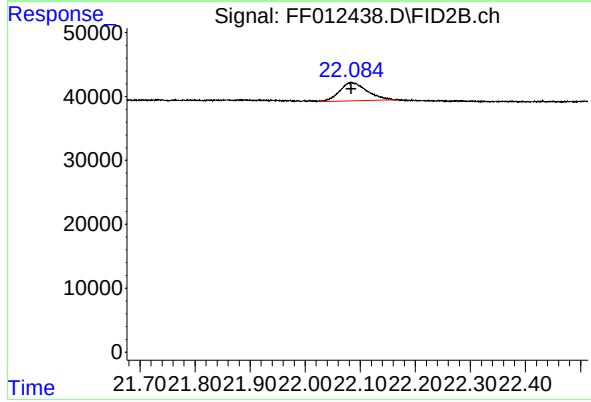
#17 N-OCTATRIACONTANE

R.T.: 21.167 min
Delta R.T.: -0.007 min
Response: 123999
Conc: 1.50 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.084 min
Delta R.T.: 0.000 min
Response: 98541
Conc: 1.21 ug/ml m