

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014339.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 19:45
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File: autoint1.e
 Quant Time: Aug 01 02:22:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 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...	14.917	1569403	12.583 ug/ml
Target Compounds			
1) N-OCTANE	1.959	297606	2.360 ug/ml
2) N-DECANE	4.469	292640	2.258 ug/ml
3) N-DODECANE	6.635	267976	2.015 ug/ml
4) N-TETRADECANE	8.463	243392	1.871 ug/ml
5) N-HEXADECANE	10.070	250494	1.930 ug/ml
6) N-OCTADECANE	11.511	278085	2.023 ug/ml
7) N-EICOSANE	12.820	297740	2.184 ug/ml
8) N-DOCOSANE	14.019	297447	2.215 ug/ml
10) N-TETRACOSANE	15.123	299932	2.255 ug/ml
11) N-HEXACOSANE	16.146	283547	2.206 ug/ml
12) N-OCTACOSANE	17.096	283355	2.256 ug/ml
13) N-TRIACONTANE	17.985	289611	2.373 ug/ml
14) N-DOTRIACONTANE	18.821	269427	2.297 ug/ml
15) N-TETRATRIACONTANE	19.606	196221	2.061 ug/ml
16) N-HEXATRIACONTANE	20.350	148295	1.993 ug/ml
17) N-OCTATRIACONTANE	21.078	90235	1.337 ug/mlm
18) N-TETRACONTANE	21.972	65881	1.047 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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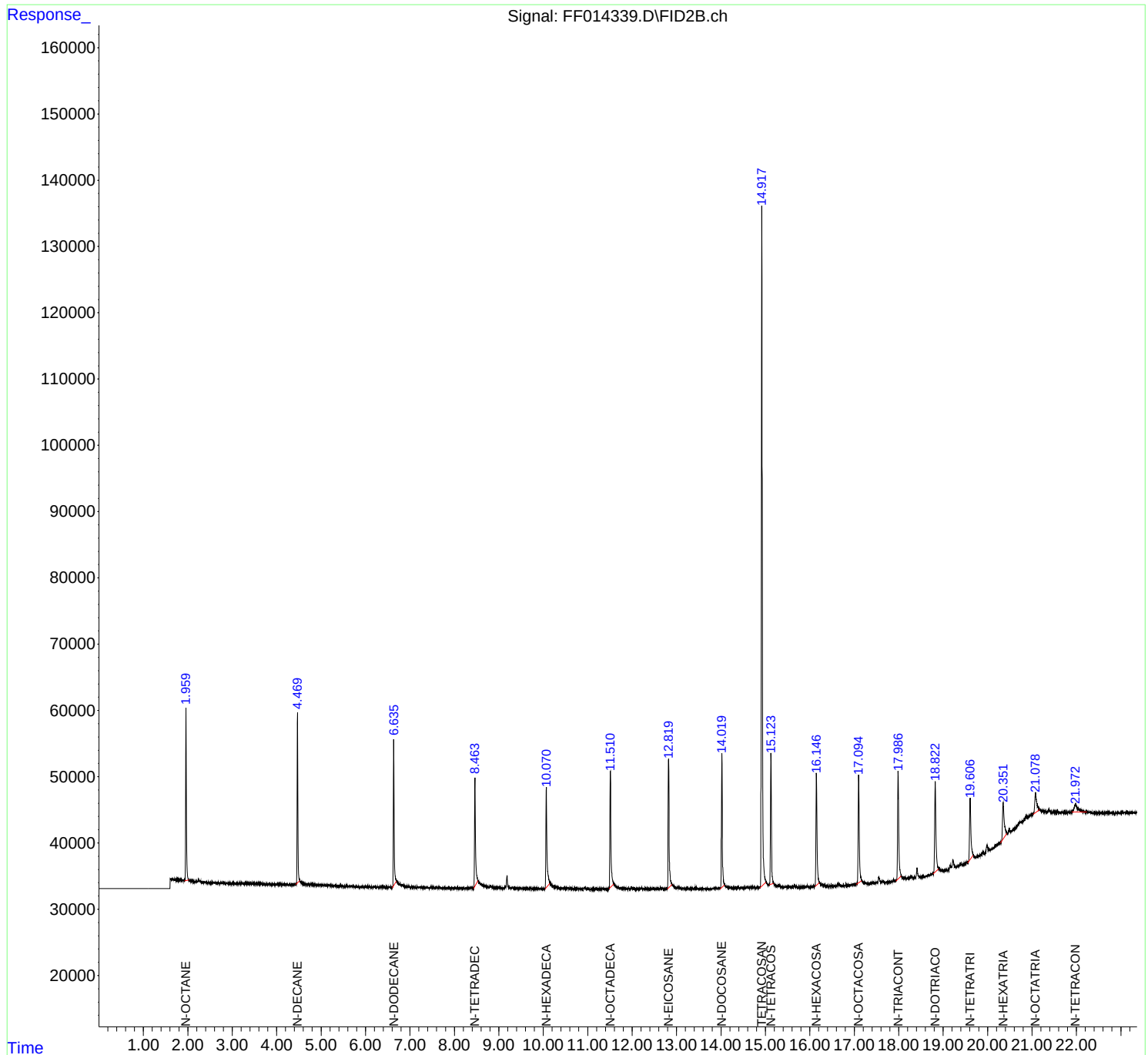
Instrument :
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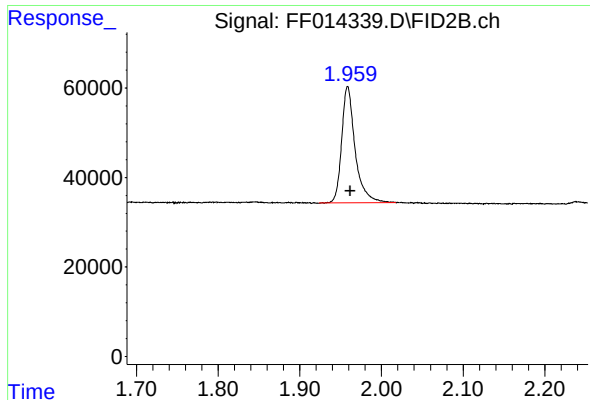
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

R.T.: 1.959 min
Delta R.T.: -0.003 min
Response: 297606
Conc: 2.36 ug/ml

Instrument :

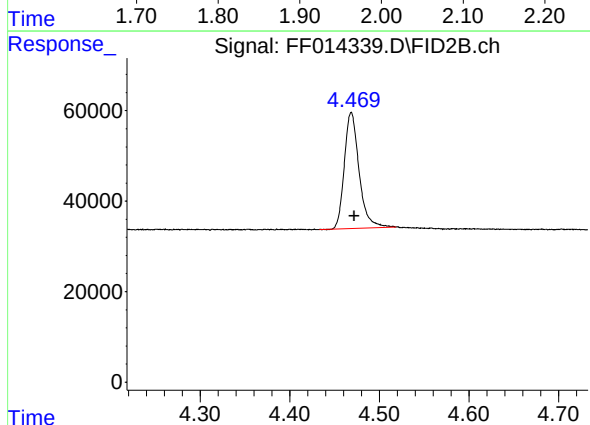
FID_F

ClientSampleId :

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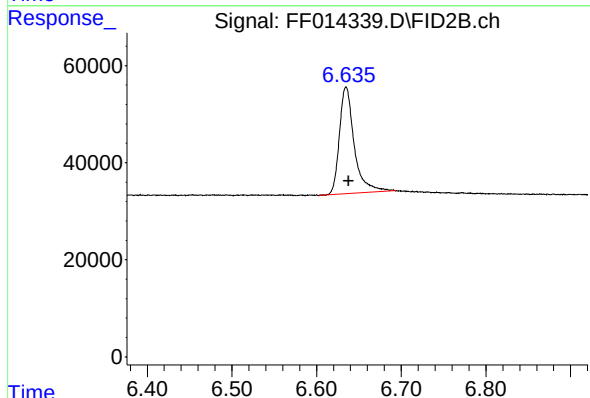
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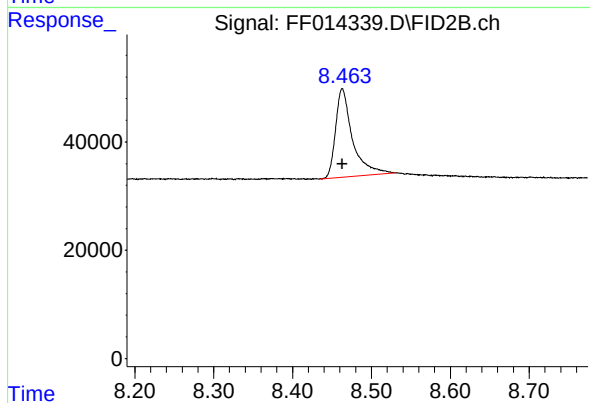
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 292640
Conc: 2.26 ug/ml



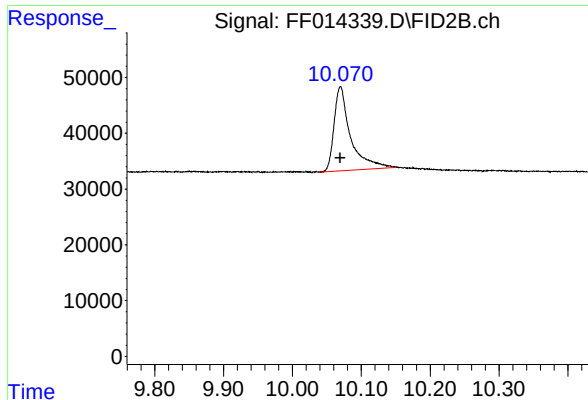
#3 N-DODECANE

R.T.: 6.635 min
Delta R.T.: -0.003 min
Response: 267976
Conc: 2.01 ug/ml



#4 N-TETRADECANE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 243392
Conc: 1.87 ug/ml



#5 N-HEXADECANE

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 250494
Conc: 1.93 ug/ml

Instrument :

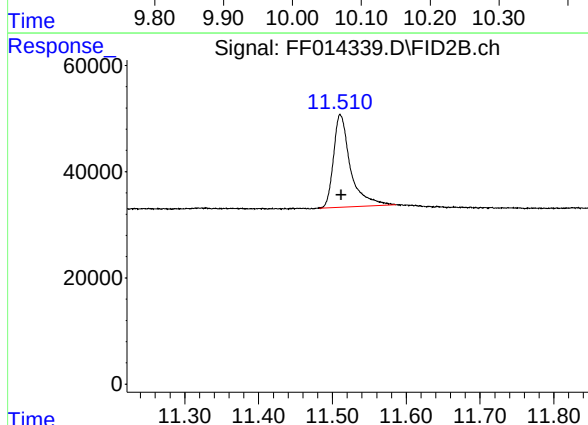
FID_F

ClientSampleId :

LOD-MDL-WATER-04-QT3-2024

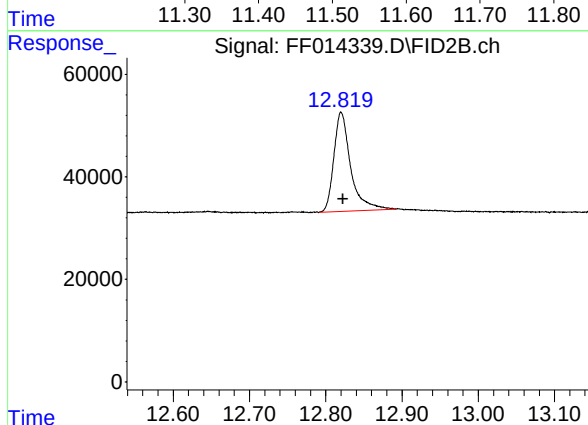
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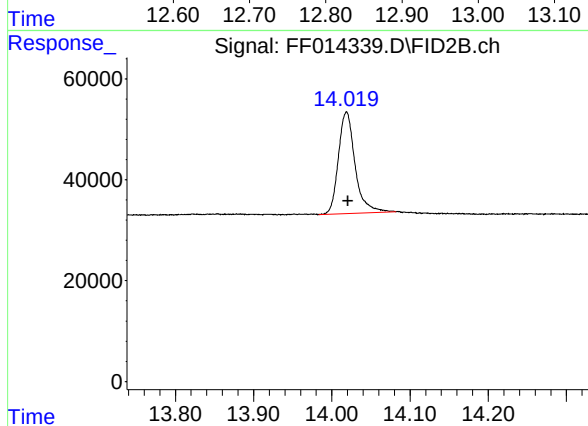
#6 N-OCTADECANE

R.T.: 11.511 min
Delta R.T.: -0.001 min
Response: 278085
Conc: 2.02 ug/ml



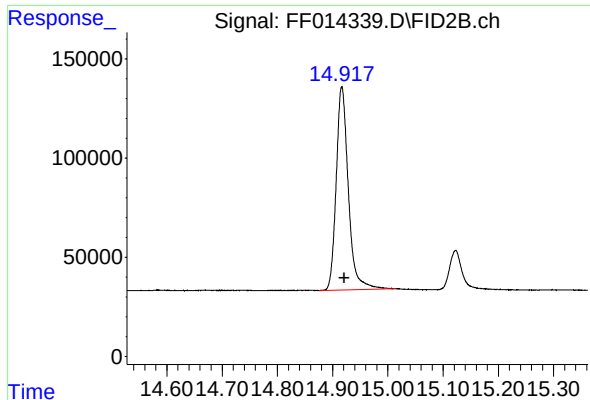
#7 N-EICOSANE

R.T.: 12.820 min
Delta R.T.: -0.002 min
Response: 297740
Conc: 2.18 ug/ml



#8 N-DOCOSANE

R.T.: 14.019 min
Delta R.T.: -0.002 min
Response: 297447
Conc: 2.21 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.917 min
Delta R.T.: -0.005 min
Response: 1569403
Conc: 12.58 ug/ml

Instrument :

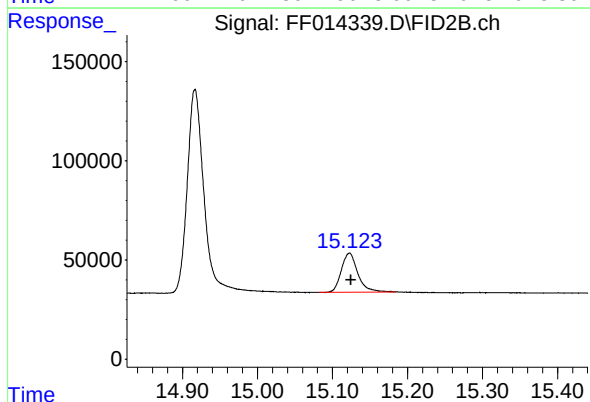
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ClientSampleId :

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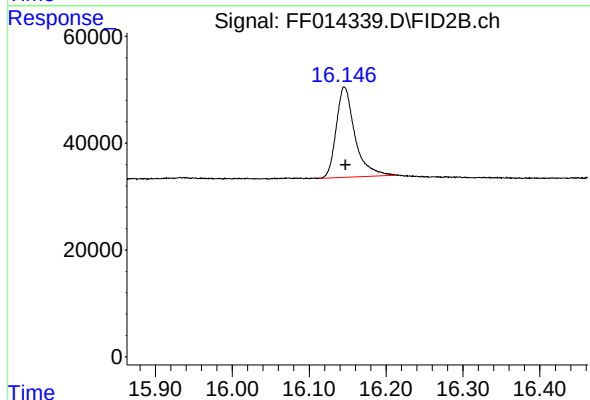
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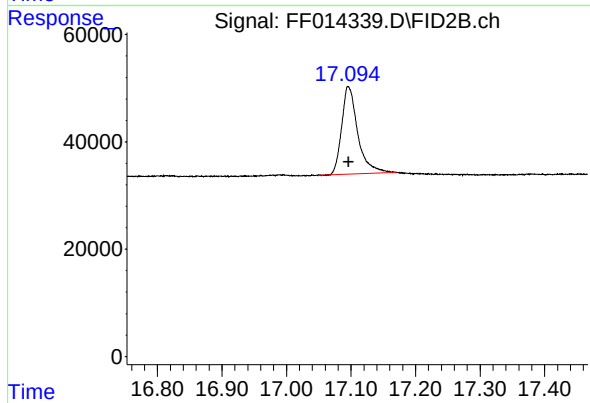
#10 N-TETRACOSANE

R.T.: 15.123 min
Delta R.T.: -0.002 min
Response: 299932
Conc: 2.25 ug/ml



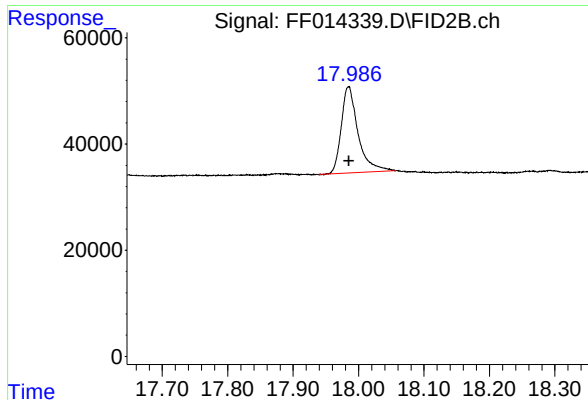
#11 N-HEXACOSANE

R.T.: 16.146 min
Delta R.T.: -0.001 min
Response: 283547
Conc: 2.21 ug/ml



#12 N-OCTACOSANE

R.T.: 17.096 min
Delta R.T.: 0.000 min
Response: 283355
Conc: 2.26 ug/ml



#13 N-TRIACONTANE

R.T.: 17.985 min
Delta R.T.: 0.000 min
Response: 289611
Conc: 2.37 ug/ml

Instrument :

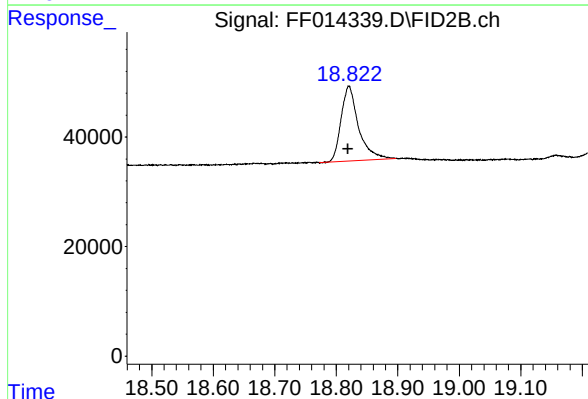
FID_F

ClientSampleId :

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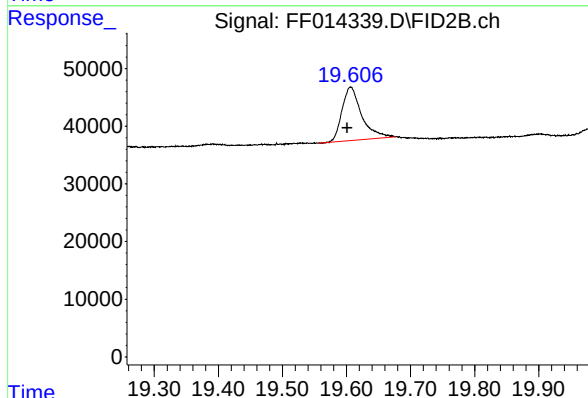
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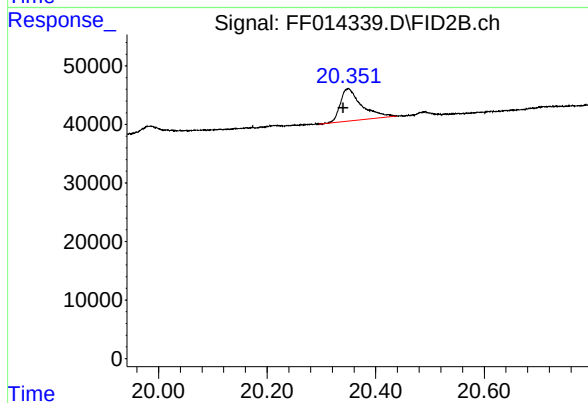
#14 N-DOTRIACONTANE

R.T.: 18.821 min
Delta R.T.: 0.002 min
Response: 269427
Conc: 2.30 ug/ml



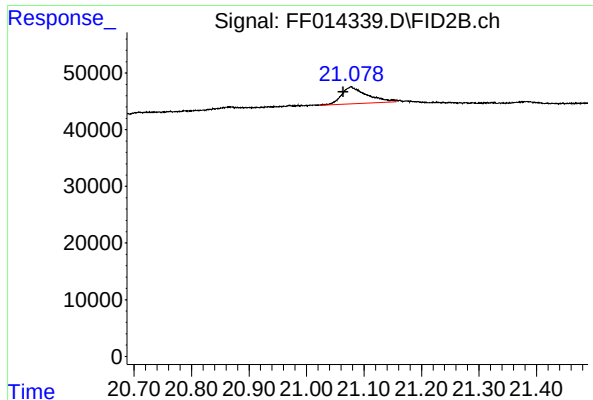
#15 N-TETRATRIACONTANE

R.T.: 19.606 min
Delta R.T.: 0.005 min
Response: 196221
Conc: 2.06 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.350 min
Delta R.T.: 0.009 min
Response: 148295
Conc: 1.99 ug/ml



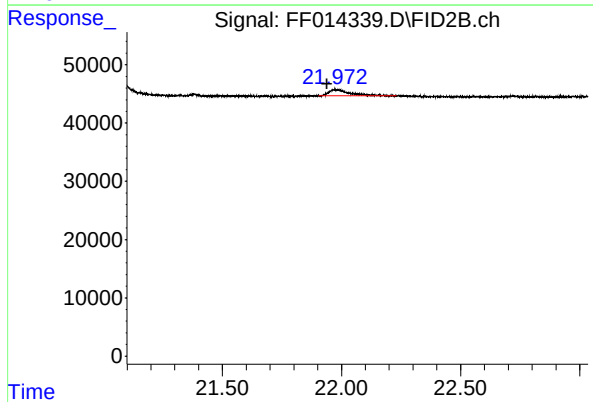
#17 N-OCTATRIACONTANE

R.T.: 21.078 min
Delta R.T.: 0.014 min
Response: 90235
Conc: 1.34 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.972 min
Delta R.T.: 0.032 min
Response: 65881
Conc: 1.05 ug/ml m