

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101024\
 Data File : FF014623.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2024 16:10
 Operator : YP\AJ
 Sample : P4368-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-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 01:26:18 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	4341237	33.195 ug/ml
Target Compounds			
1) N-OCTANE	1.984	370990	2.774 ug/ml
2) N-DECANE	4.455	403348	2.975 ug/ml
3) N-DODECANE	6.611	389020	2.851 ug/ml
4) N-TETRADECANE	8.435	410349	2.982 ug/ml
5) N-HEXADECANE	10.040	395612	2.893 ug/ml
6) N-OCTADECANE	11.481	393645	2.749 ug/ml
7) N-EICOSANE	12.788	474143	3.193 ug/ml
8) N-DOCOSANE	13.983	503075	3.459 ug/ml
10) N-TETRACOSANE	15.085	554558	3.787 ug/ml
11) N-HEXACOSANE	16.105	554393	3.805 ug/ml
12) N-OCTACOSANE	17.053	631845	4.379 ug/ml
13) N-TRIACONTANE	17.940	753001	5.158 ug/ml
14) N-DOTRIACONTANE	18.769	839425	5.784 ug/ml
15) N-TETRATRIACONTANE	19.553	680774	4.940 ug/ml
16) N-HEXATRIACONTANE	20.292	478886	3.597 ug/ml
17) N-OCTATRIACONTANE	21.010	376561	3.362 ug/ml
18) N-TETRACONTANE	21.877	156277	1.673 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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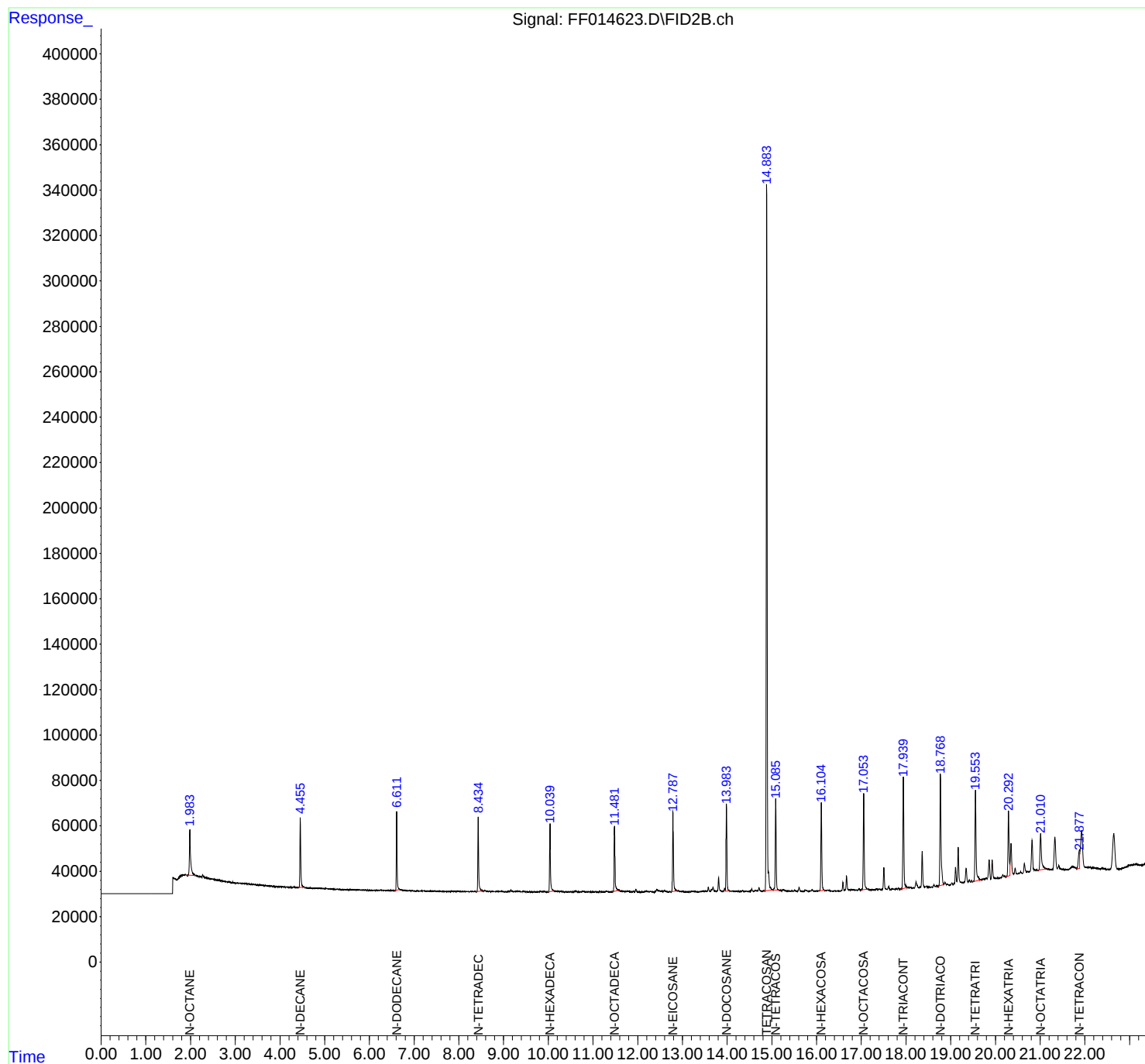
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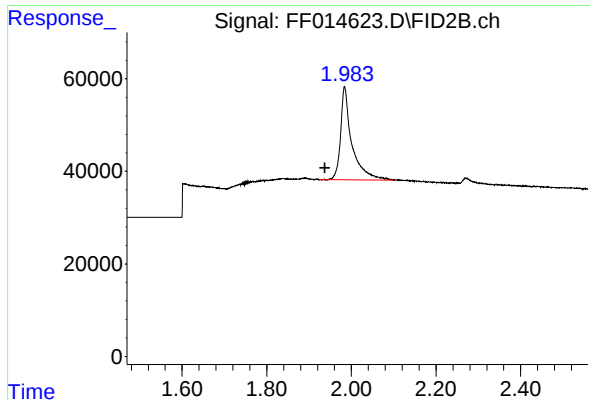
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#1 N-OCTANE

R.T.: 1.984 min
Delta R.T.: 0.047 min
Response: 370990
Conc: 2.77 ug/ml

Instrument :

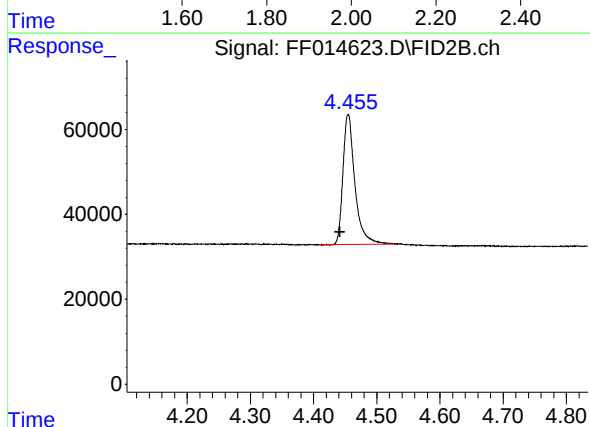
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ClientSampleId :

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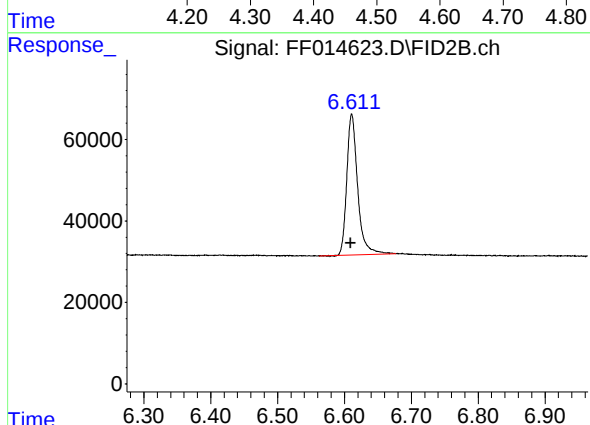
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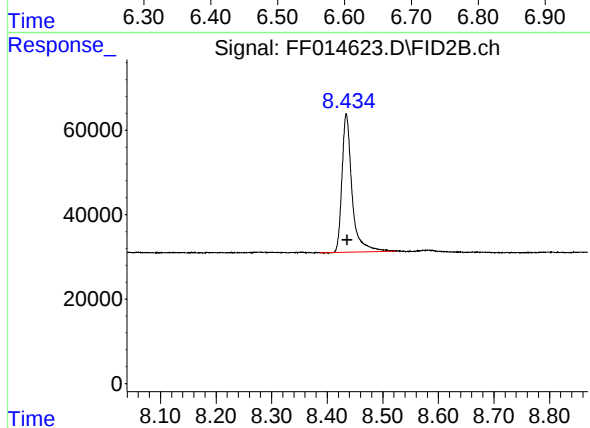
#2 N-DECANE

R.T.: 4.455 min
Delta R.T.: 0.013 min
Response: 403348
Conc: 2.98 ug/ml



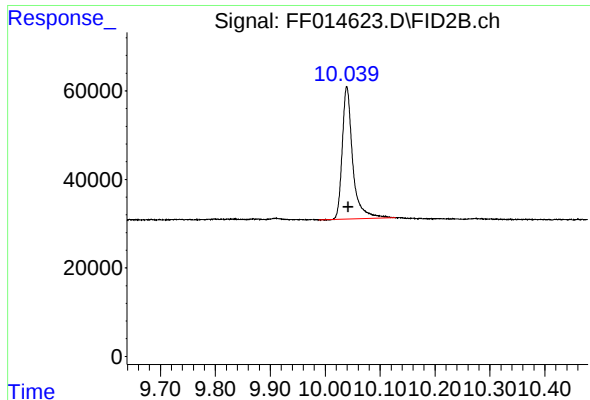
#3 N-DODECANE

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 389020
Conc: 2.85 ug/ml



#4 N-TETRADECANE

R.T.: 8.435 min
Delta R.T.: -0.002 min
Response: 410349
Conc: 2.98 ug/ml



#5 N-HEXADECANE

R.T.: 10.040 min
Delta R.T.: -0.002 min
Response: 395612
Conc: 2.89 ug/ml

Instrument :

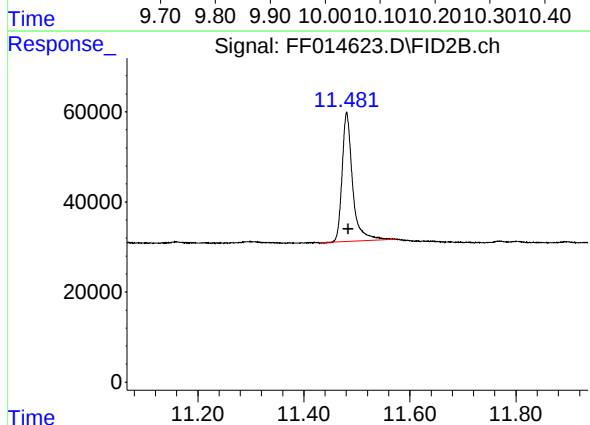
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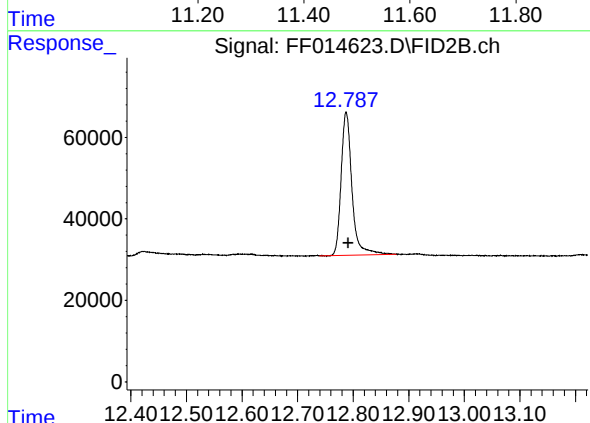
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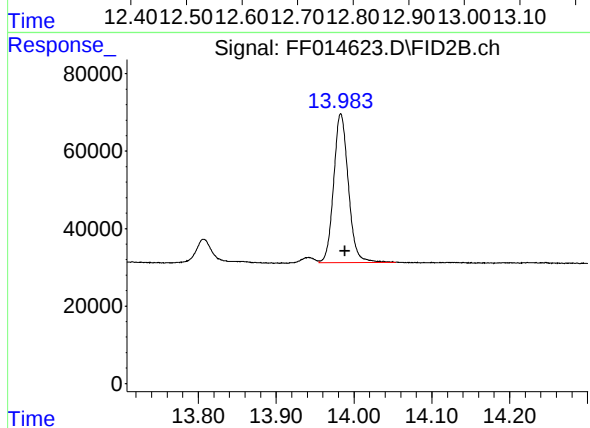
#6 N-OCTADECANE

R.T.: 11.481 min
Delta R.T.: -0.002 min
Response: 393645
Conc: 2.75 ug/ml



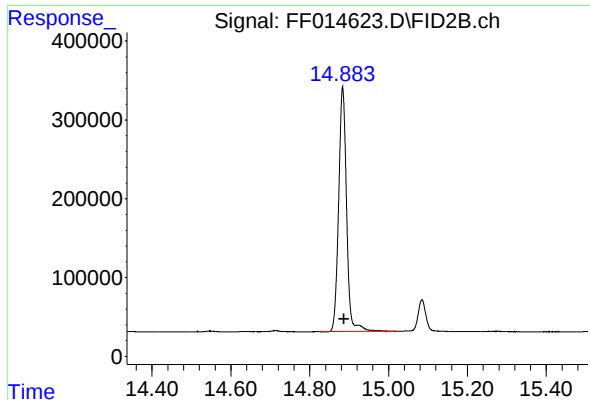
#7 N-EICOSANE

R.T.: 12.788 min
Delta R.T.: -0.003 min
Response: 474143
Conc: 3.19 ug/ml



#8 N-DOCOSANE

R.T.: 13.983 min
Delta R.T.: -0.005 min
Response: 503075
Conc: 3.46 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.884 min
Delta R.T.: -0.004 min
Response: 4341237
Conc: 33.20 ug/ml

Instrument :

FID_F

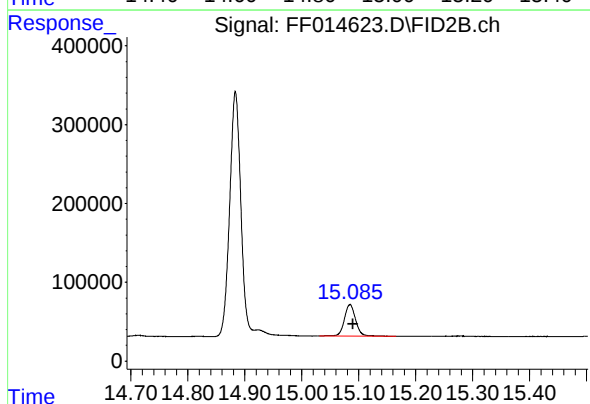
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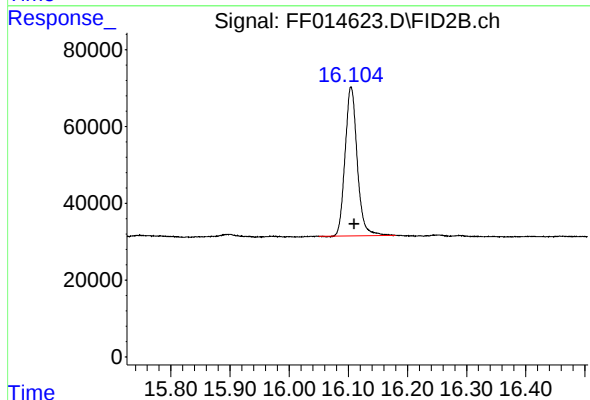
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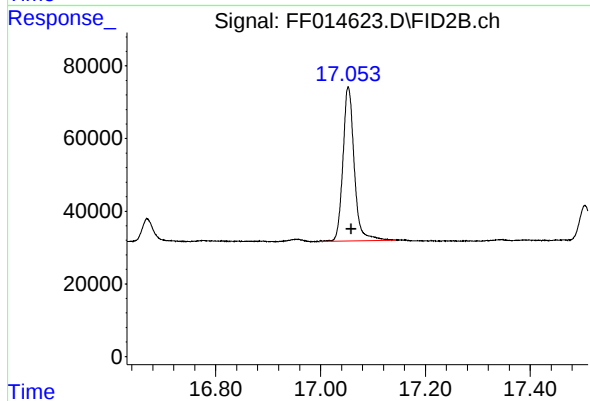
#10 N-TETRACOSANE

R.T.: 15.085 min
Delta R.T.: -0.005 min
Response: 554558
Conc: 3.79 ug/ml



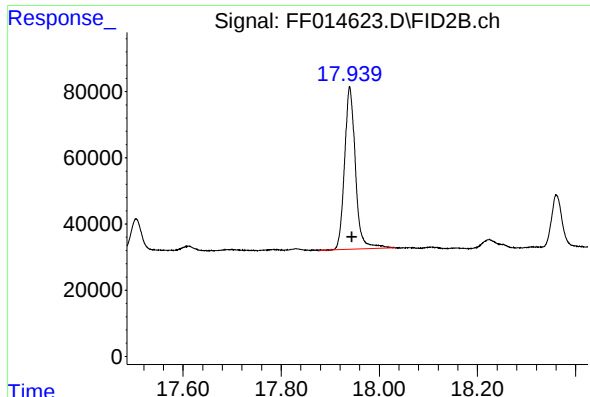
#11 N-HEXACOSANE

R.T.: 16.105 min
Delta R.T.: -0.005 min
Response: 554393
Conc: 3.80 ug/ml



#12 N-OCTACOSANE

R.T.: 17.053 min
Delta R.T.: -0.006 min
Response: 631845
Conc: 4.38 ug/ml



#13 N-TRIACONTANE

R.T.: 17.940 min
Delta R.T.: -0.004 min
Response: 753001
Conc: 5.16 ug/ml

Instrument :

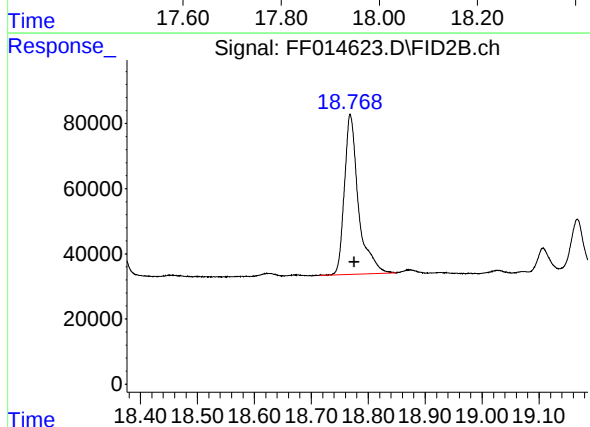
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ClientSampleId :

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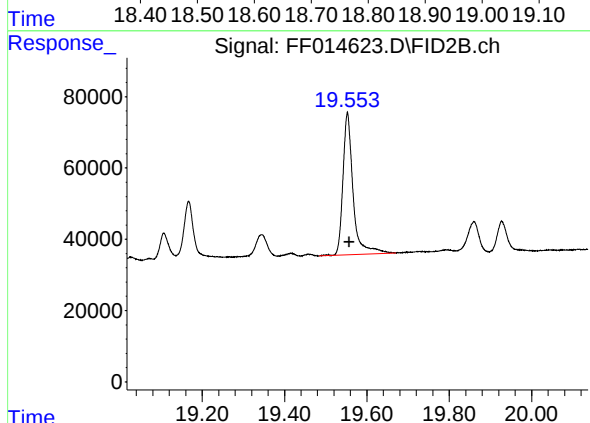
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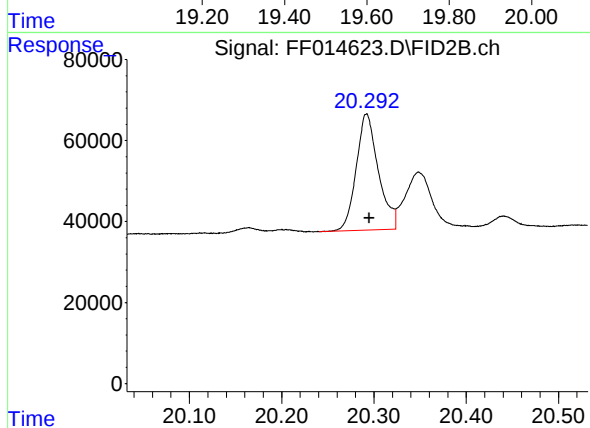
#14 N-DOTRIACONTANE

R.T.: 18.769 min
Delta R.T.: -0.007 min
Response: 839425
Conc: 5.78 ug/ml



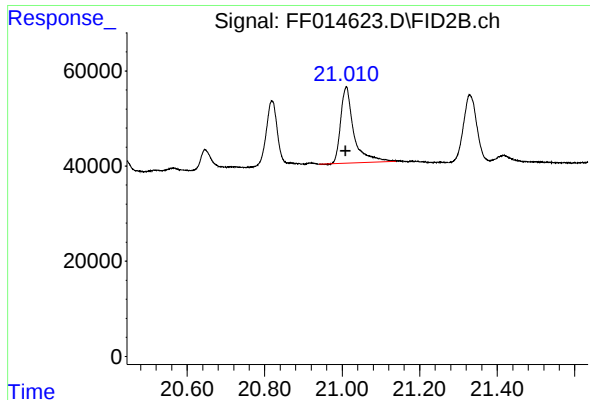
#15 N-TETRATRIACONTANE

R.T.: 19.553 min
Delta R.T.: -0.004 min
Response: 680774
Conc: 4.94 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.292 min
Delta R.T.: -0.003 min
Response: 478886
Conc: 3.60 ug/ml



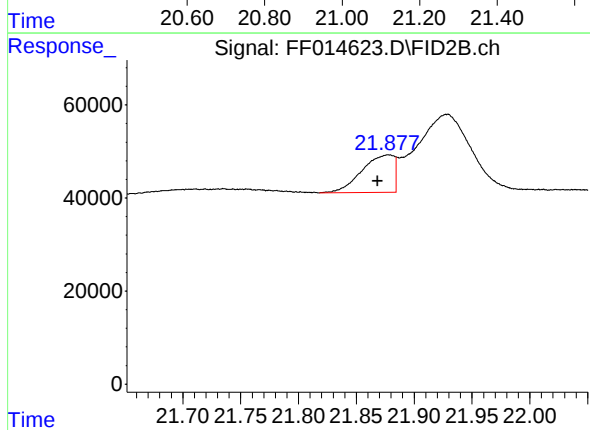
#17 N-OCTATRIACONTANE

R.T.: 21.010 min
Delta R.T.: 0.001 min
Response: 376561
Conc: 3.36 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.877 min
Delta R.T.: 0.008 min
Response: 156277
Conc: 1.67 ug/ml m