

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041023\
 Data File : FF012439.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 11:23
 Operator : YP\AJ
 Sample : 02213-12
 Misc : 1 PPM WATER MDL
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-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 12:00:37 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...	15.014	2647828	23.660 ug/mlm
Target Compounds			
1) N-OCTANE	2.071	130898	1.032 ug/ml
2) N-DECANE	4.581	121228	0.968 ug/ml
3) N-DODECANE	6.746	103848	0.838 ug/mlm
4) N-TETRADECANE	8.594	117006	0.898 ug/mlm
5) N-HEXADECANE	10.186	119705	0.897 ug/ml
6) N-OCTADECANE	11.618	139371	1.038 ug/ml
7) N-EICOSANE	12.921	153053	1.151 ug/ml
8) N-DOCOSANE	14.115	163761	1.289 ug/ml
10) N-TETRACOSANE	15.219	199702	1.601 ug/ml
11) N-HEXACOSANE	16.240	179856	1.502 ug/ml
12) N-OCTACOSANE	17.186	206248	1.793 ug/ml
13) N-TRIACONTANE	18.072	261068	2.373 ug/ml
14) N-DOTRIACONTANE	18.903	290249	2.797 ug/ml
15) N-TETRATRIACONTANE	19.687	223936	2.367 ug/ml
16) N-HEXATRIACONTANE	20.427	174964	1.997 ug/ml
17) N-OCTATRIACONTANE	21.165	126208	1.524 ug/ml
18) N-TETRACONTANE	22.080	106729	1.307 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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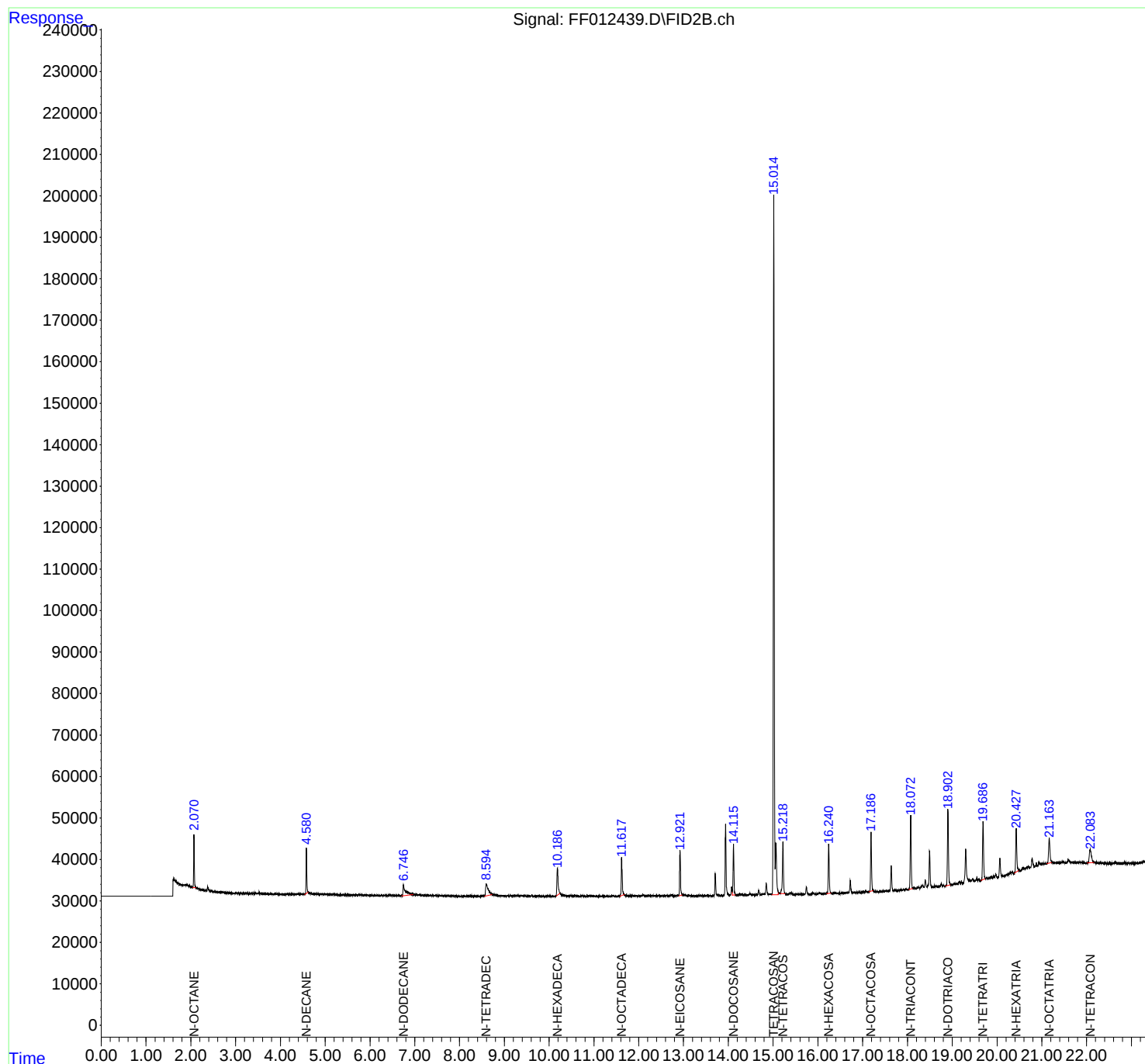
Instrument :
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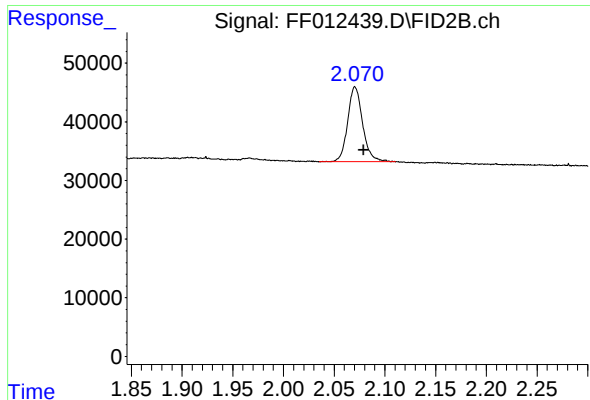
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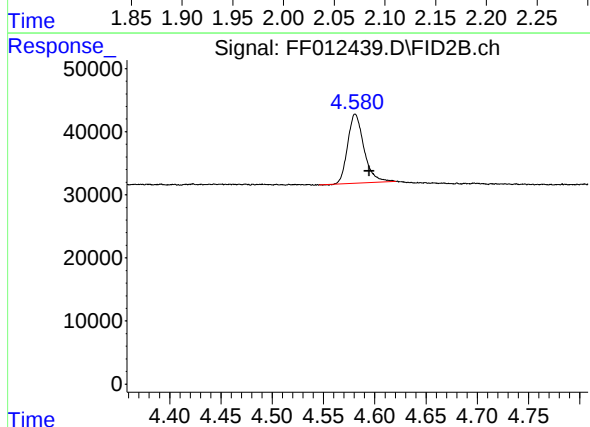
#1 N-OCTANE

R.T.: 2.071 min
Delta R.T.: -0.008 min
Response: 130898
Conc: 1.03 ug/ml

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

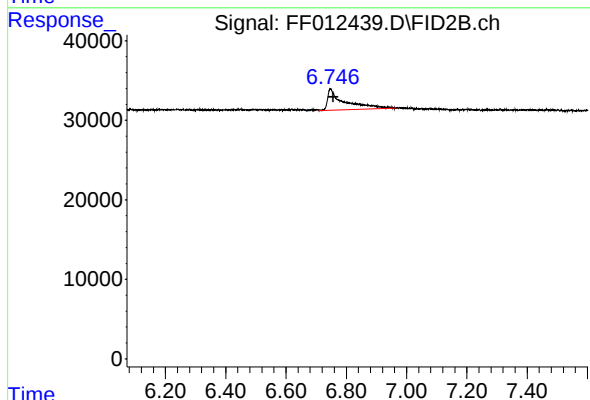
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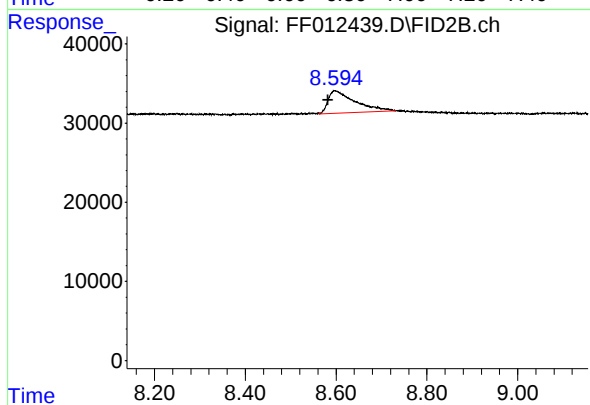
#2 N-DECANE

R.T.: 4.581 min
Delta R.T.: -0.014 min
Response: 121228
Conc: 0.97 ug/ml



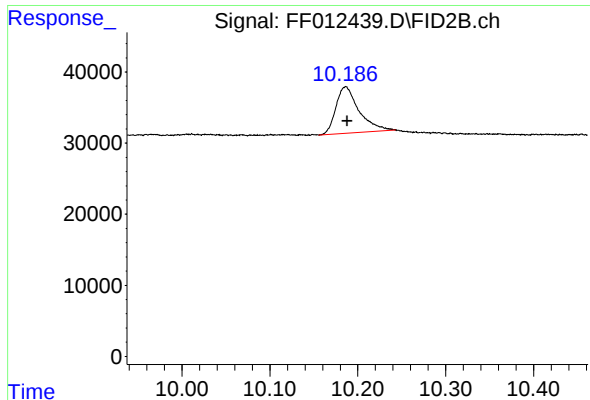
#3 N-DODECANE

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 103848
Conc: 0.84 ug/ml m



#4 N-TETRADECANE

R.T.: 8.594 min
Delta R.T.: 0.011 min
Response: 117006
Conc: 0.90 ug/ml m



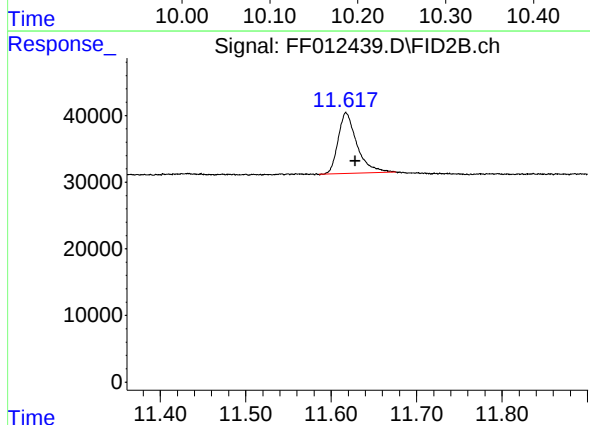
#5 N-HEXADECANE

R.T.: 10.186 min
Delta R.T.: -0.002 min
Response: 119705
Conc: 0.90 ug/ml

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

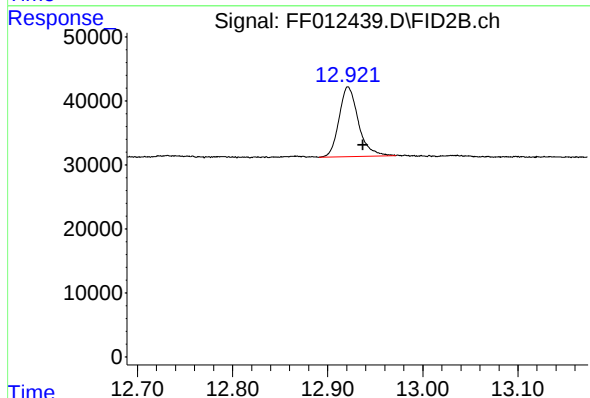
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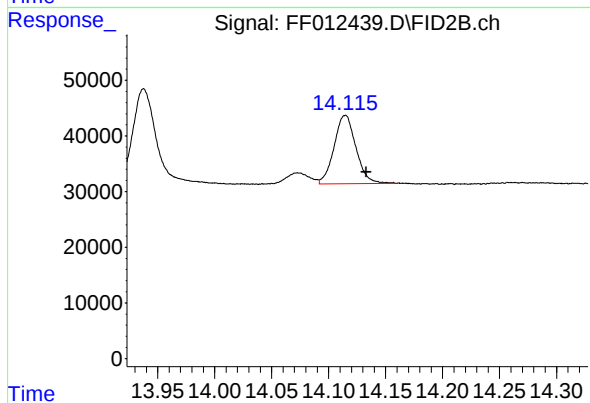
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: -0.011 min
Response: 139371
Conc: 1.04 ug/ml



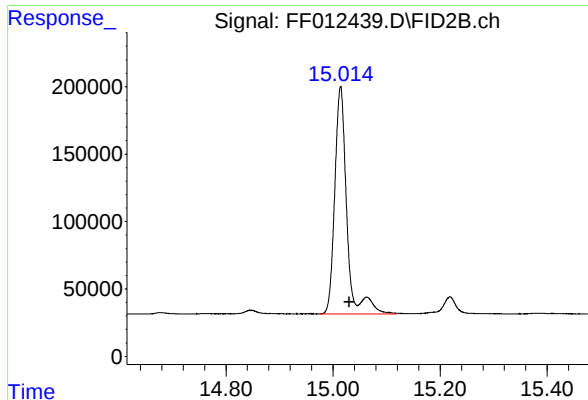
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.016 min
Response: 153053
Conc: 1.15 ug/ml



#8 N-DOCOSANE

R.T.: 14.115 min
Delta R.T.: -0.019 min
Response: 163761
Conc: 1.29 ug/ml



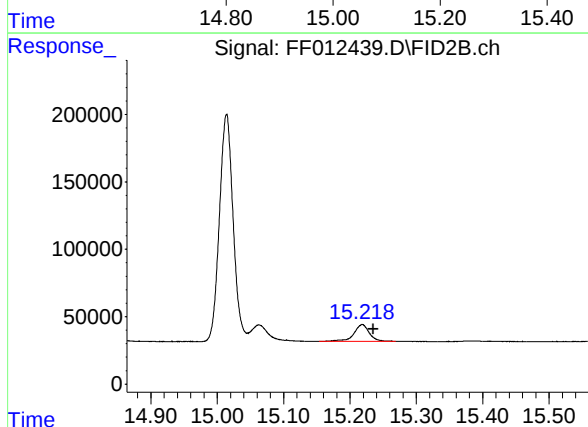
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.014 min
Delta R.T.: -0.016 min
Response: 2647828
Conc: 23.66 ug/ml

Instrument : FID_F
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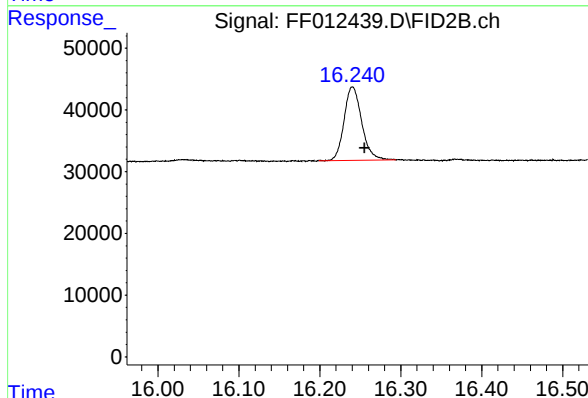
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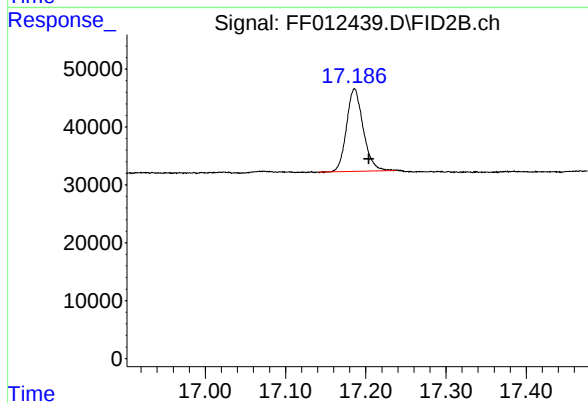
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.016 min
Response: 199702
Conc: 1.60 ug/ml



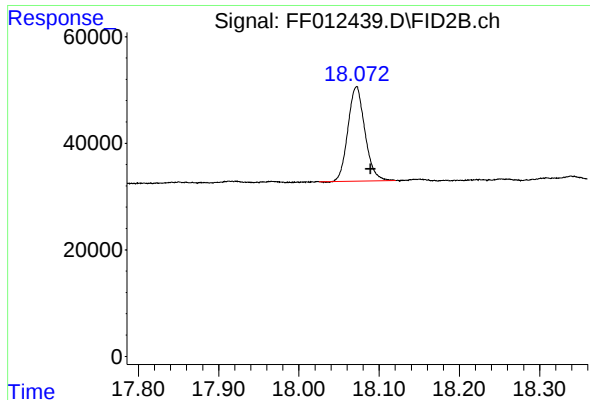
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: -0.015 min
Response: 179856
Conc: 1.50 ug/ml



#12 N-OCTACOSANE

R.T.: 17.186 min
Delta R.T.: -0.018 min
Response: 206248
Conc: 1.79 ug/ml



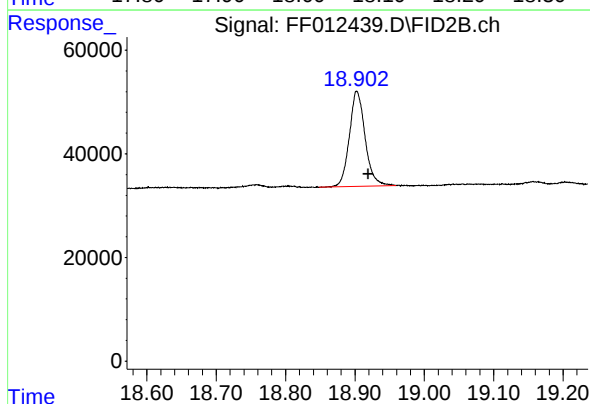
#13 N-TRIACONTANE

R.T.: 18.072 min
Delta R.T.: -0.018 min
Response: 261068
Conc: 2.37 ug/ml

Instrument : FID_F
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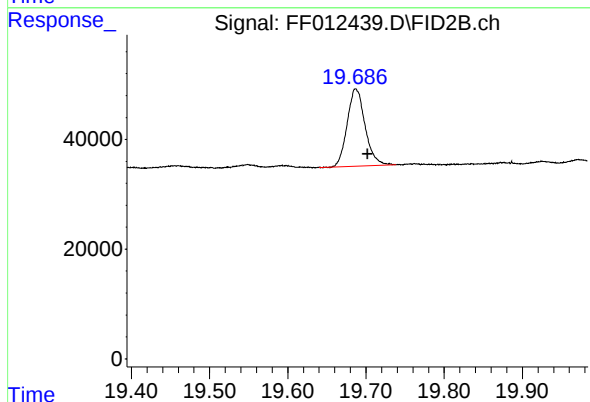
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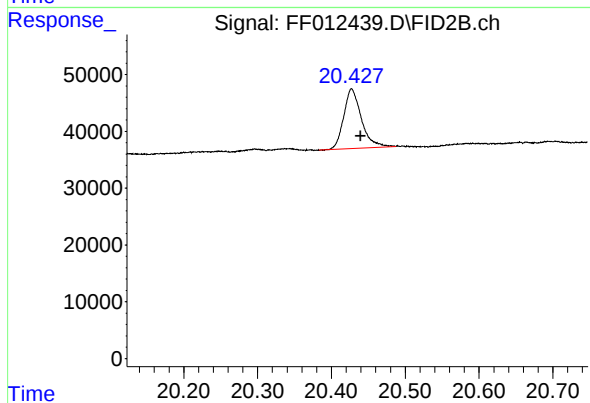
#14 N-DOTRIACONTANE

R.T.: 18.903 min
Delta R.T.: -0.017 min
Response: 290249
Conc: 2.80 ug/ml



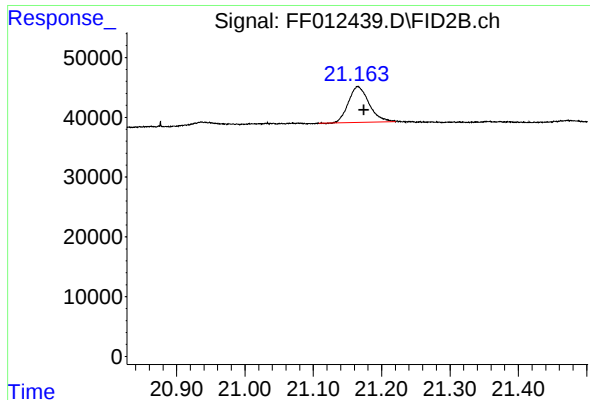
#15 N-TETRATRIACONTANE

R.T.: 19.687 min
Delta R.T.: -0.015 min
Response: 223936
Conc: 2.37 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.427 min
Delta R.T.: -0.012 min
Response: 174964
Conc: 2.00 ug/ml



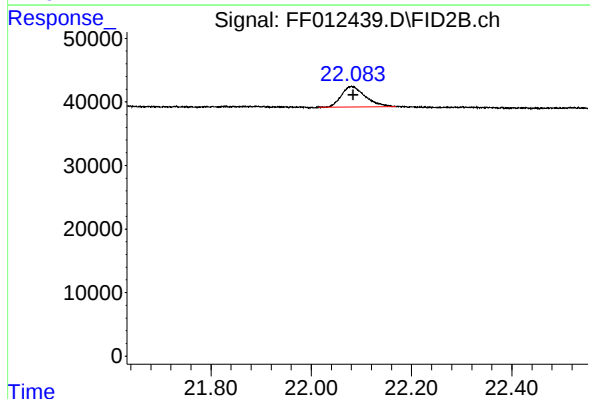
#17 N-OCTATRIACONTANE

R.T.: 21.165 min
Delta R.T.: -0.009 min
Response: 126208
Conc: 1.52 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.080 min
Delta R.T.: -0.004 min
Response: 106729
Conc: 1.31 ug/ml