

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022223\
 Data File : FF012186.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2023 15:24
 Operator : YP\AJ
 Sample : 01627-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File: autoint1.e
 Quant Time: Feb 23 00:50:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF022123.M
 Quant Title :
 QLast Update : Tue Feb 21 16:12:39 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...	15.040	2372820	20.000 ug/ml
Target Compounds			
1) N-OCTANE	2.085	131014	0.984 ug/ml
2) N-DECANE	4.599	142452	1.062 ug/ml
3) N-DODECANE	6.760	121753	0.896 ug/ml
4) N-TETRADECANE	8.591	140763	1.011 ug/ml
5) N-HEXADECANE	10.195	145232	1.020 ug/ml
6) N-OCTADECANE	11.635	146929	1.034 ug/ml
7) N-EICOSANE	12.943	156422	1.109 ug/ml
8) N-DOCOSANE	14.140	148342	1.100 ug/ml
10) N-TETRACOSANE	15.242	146854	1.108 ug/ml
11) N-HEXACOSANE	16.264	142598	1.118 ug/ml
12) N-OCTACOSANE	17.213	163719	1.334 ug/ml
13) N-TRIACONTANE	18.100	206793	1.771 ug/ml
14) N-DOTRIACONTANE	18.932	265071	2.381 ug/mlm
15) N-TETRATRIACONTANE	19.715	188477	1.905 ug/mlm
16) N-HEXATRIACONTANE	20.452	160402	1.691 ug/mlm
17) N-OCTATRIACONTANE	21.193	119307	1.391 ug/ml
18) N-TETRACONTANE	22.112	165878	1.822 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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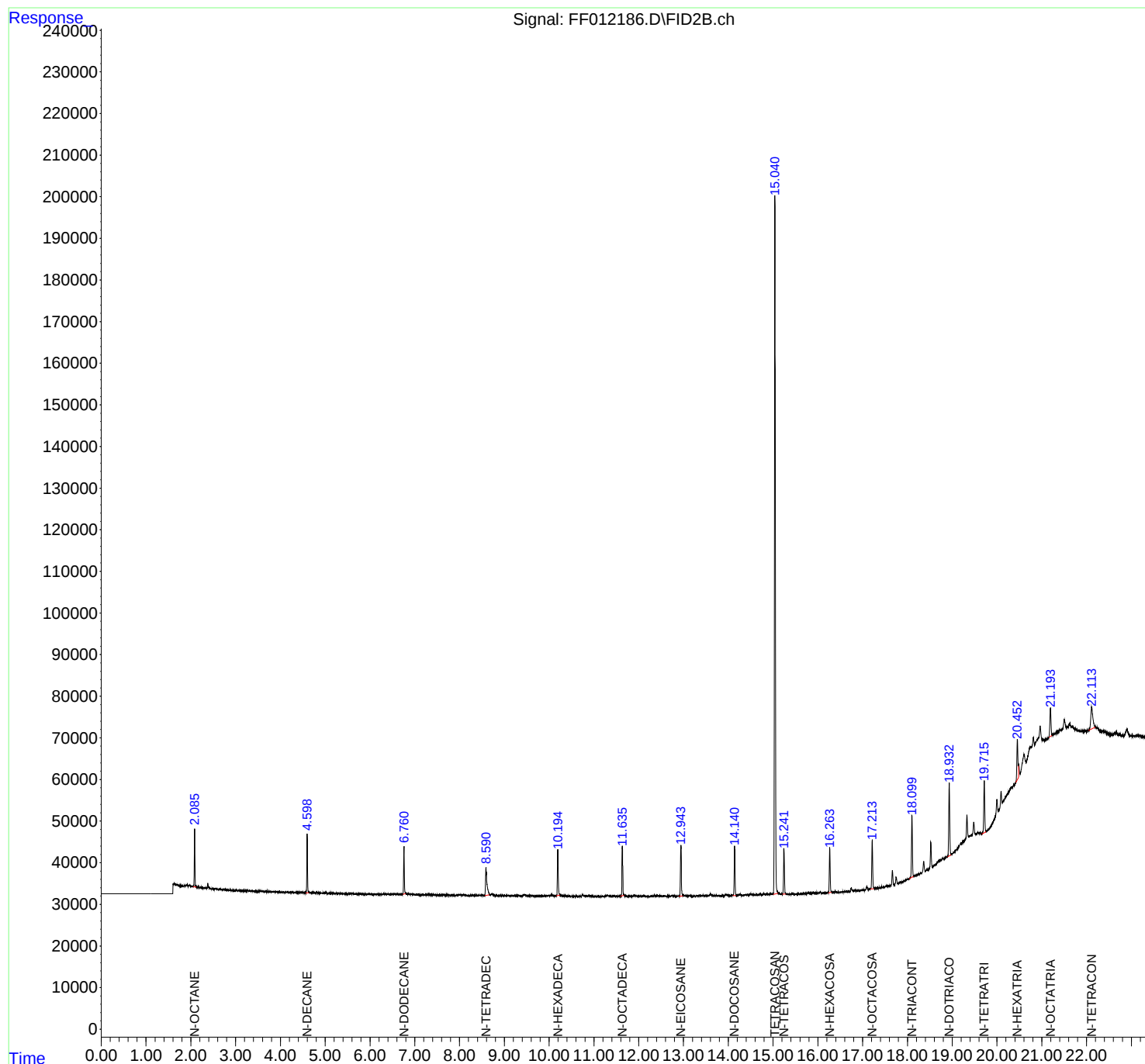
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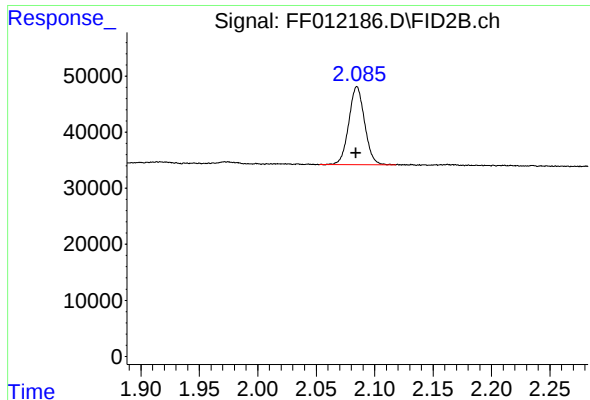
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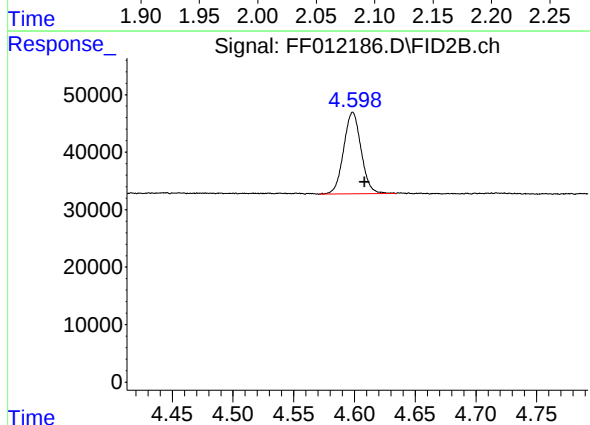
#1 N-OCTANE

R.T.: 2.085 min
Delta R.T.: 0.000 min
Response: 131014
Conc: 0.98 ug/ml

Instrument :
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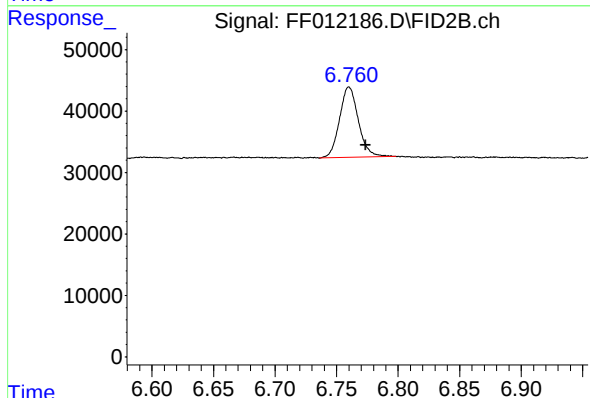
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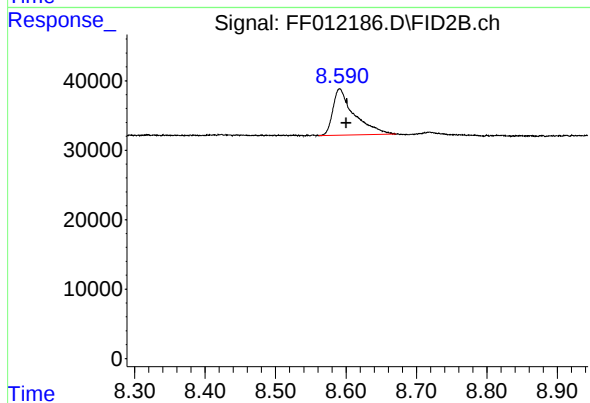
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.010 min
Response: 142452
Conc: 1.06 ug/ml



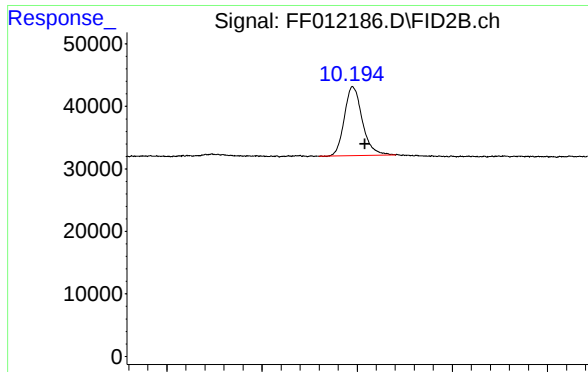
#3 N-DODECANE

R.T.: 6.760 min
Delta R.T.: -0.014 min
Response: 121753
Conc: 0.90 ug/ml



#4 N-TETRADECANE

R.T.: 8.591 min
Delta R.T.: -0.009 min
Response: 140763
Conc: 1.01 ug/ml



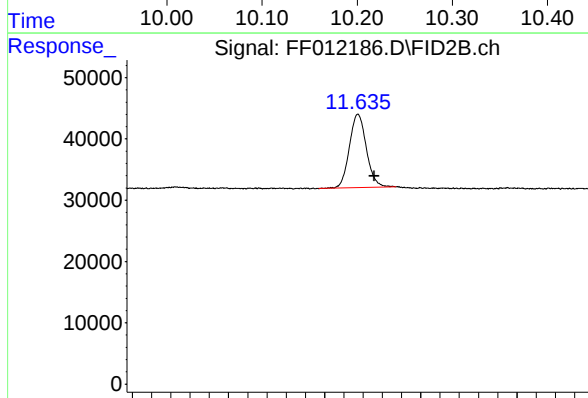
#5 N-HEXADECANE

R.T.: 10.195 min
Delta R.T.: -0.013 min
Response: 145232
Conc: 1.02 ug/ml

Instrument : FID_F
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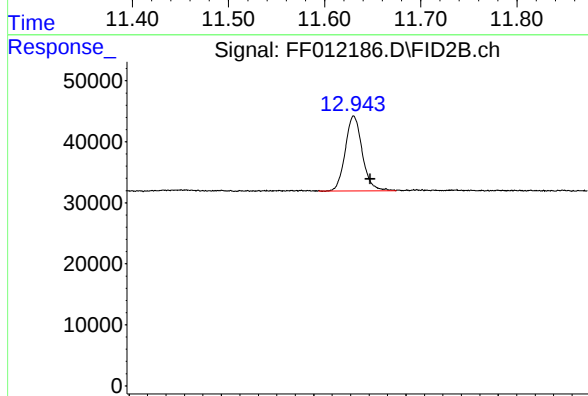
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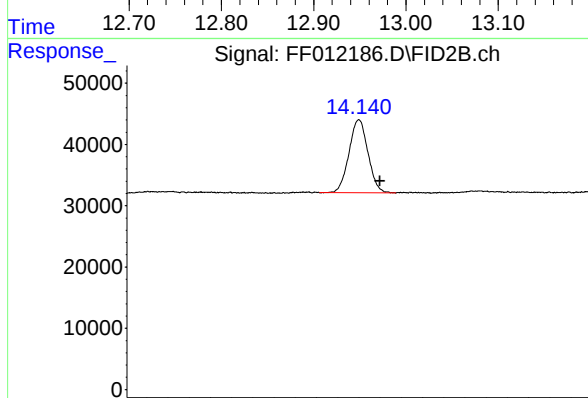
#6 N-OCTADECANE

R.T.: 11.635 min
Delta R.T.: -0.017 min
Response: 146929
Conc: 1.03 ug/ml



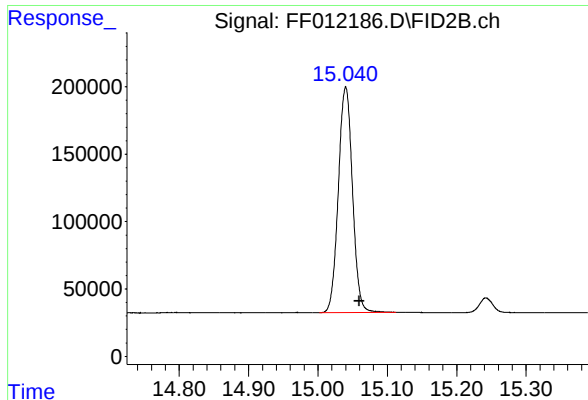
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.018 min
Response: 156422
Conc: 1.11 ug/ml



#8 N-DOCOSANE

R.T.: 14.140 min
Delta R.T.: -0.020 min
Response: 148342
Conc: 1.10 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.040 min
Delta R.T.: -0.020 min
Response: 2372820
Conc: 20.00 ug/ml

Instrument :

FID_F

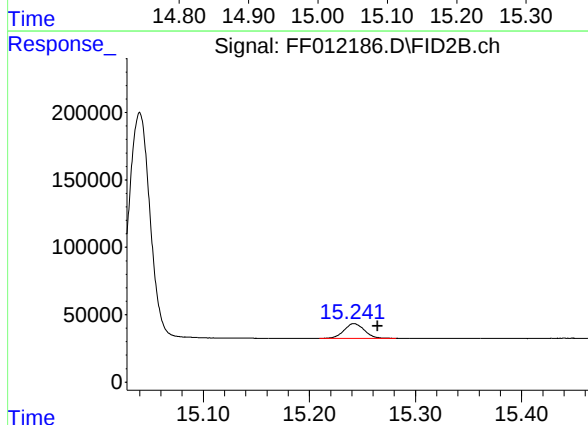
ClientSampleId :

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Manual Integrations

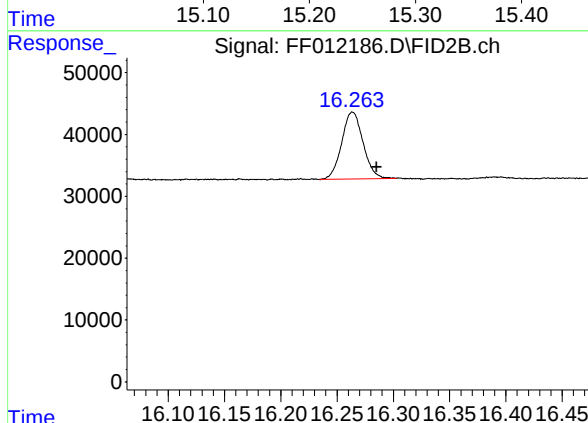
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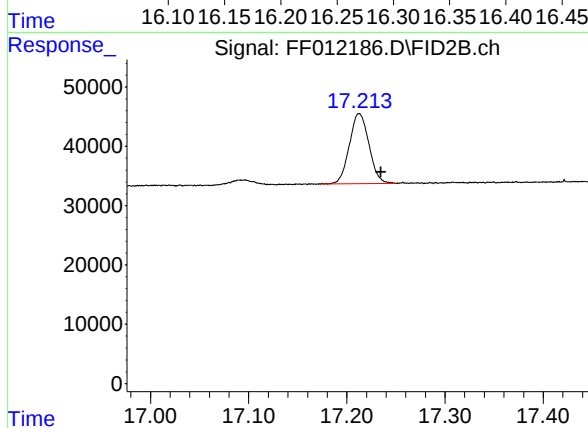
#10 N-TETRACOSANE

R.T.: 15.242 min
Delta R.T.: -0.022 min
Response: 146854
Conc: 1.11 ug/ml



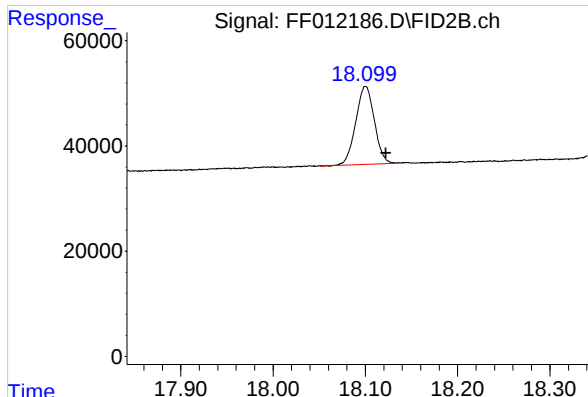
#11 N-HEXACOSANE

R.T.: 16.264 min
Delta R.T.: -0.021 min
Response: 142598
Conc: 1.12 ug/ml



#12 N-OCTACOSANE

R.T.: 17.213 min
Delta R.T.: -0.022 min
Response: 163719
Conc: 1.33 ug/ml



#13 N-TRIACONTANE

R.T.: 18.100 min
Delta R.T.: -0.022 min
Response: 206793
Conc: 1.77 ug/ml

Instrument :

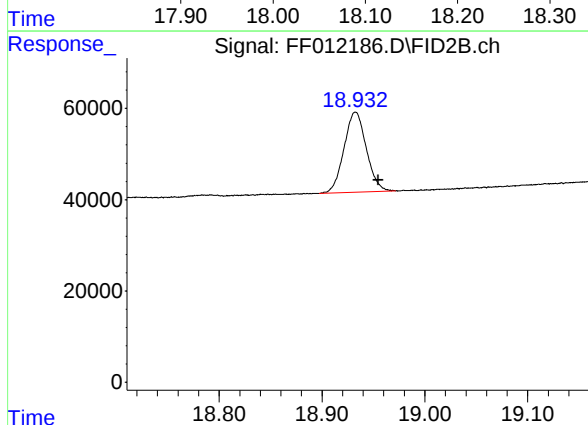
FID_F

ClientSampleId :

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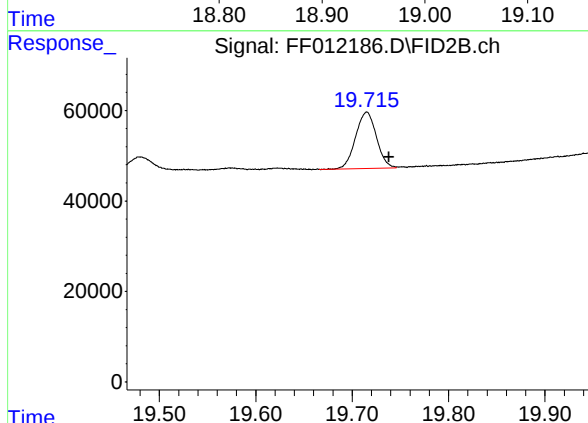
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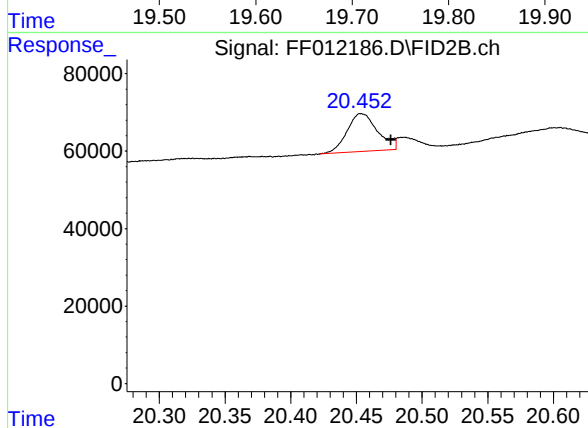
#14 N-DOTRIACONTANE

R.T.: 18.932 min
Delta R.T.: -0.022 min
Response: 265071
Conc: 2.38 ug/ml m



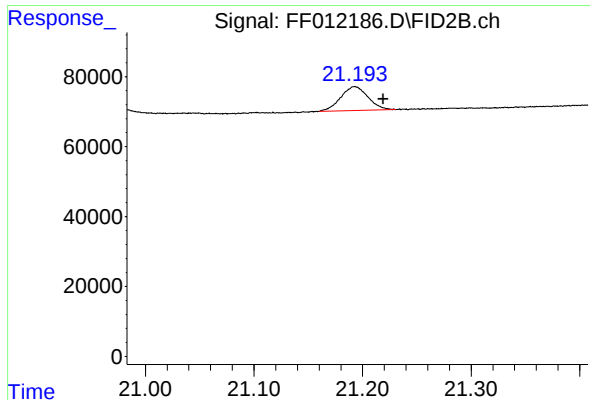
#15 N-TETRATRIACONTANE

R.T.: 19.715 min
Delta R.T.: -0.023 min
Response: 188477
Conc: 1.90 ug/ml m



#16 N-HEXATRIACONTANE

R.T.: 20.452 min
Delta R.T.: -0.024 min
Response: 160402
Conc: 1.69 ug/ml m



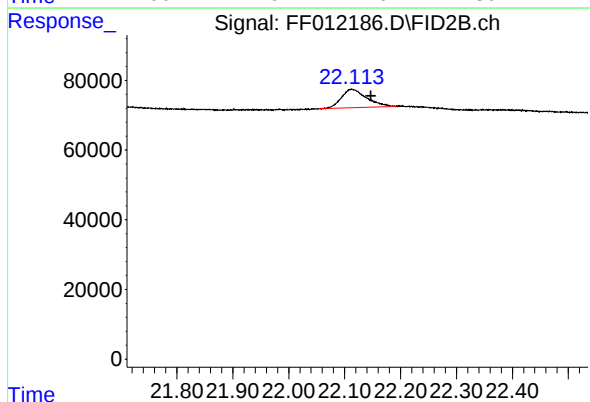
#17 N-OCTATRIACONTANE

R.T.: 21.193 min
Delta R.T.: -0.026 min
Response: 119307
Conc: 1.39 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: -0.035 min
Response: 165878
Conc: 1.82 ug/ml