

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032023\
 Data File : FF012313.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2023 14:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File: autoint1.e
 Quant Time: Mar 21 03:32:56 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...	15.030	5144401	45.968 ug/ml
Target Compounds			
1) N-OCTANE	2.074	5507258	43.428 ug/ml
2) N-DECANE	4.593	5924774	47.322 ug/ml
3) N-DODECANE	6.756	6001662	48.413 ug/ml
4) N-TETRADECANE	8.582	6067413	46.562 ug/ml
5) N-HEXADECANE	10.187	6186897	46.364 ug/ml
6) N-OCTADECANE	11.628	6170357	45.936 ug/ml
7) N-EICOSANE	12.937	6100359	45.858 ug/ml
8) N-DOCOSANE	14.133	5830820	45.886 ug/ml
10) N-TETRACOSANE	15.234	5722725	45.888 ug/ml
11) N-HEXACOSANE	16.253	5508961	46.008 ug/ml
12) N-OCTACOSANE	17.202	5345844	46.474 ug/ml
13) N-TRIACONTANE	18.087	5148023	46.786 ug/ml
14) N-DOTRIACONTANE	18.918	4868732	46.912 ug/ml
15) N-TETRATRIACONTANE	19.700	4537238	47.959 ug/ml
16) N-HEXATRIACONTANE	20.440	4265067	48.682 ug/mlm
17) N-OCTATRIACONTANE	21.174	4371351	52.796 ug/ml
18) N-TETRACONTANE	22.086	4402475	53.894 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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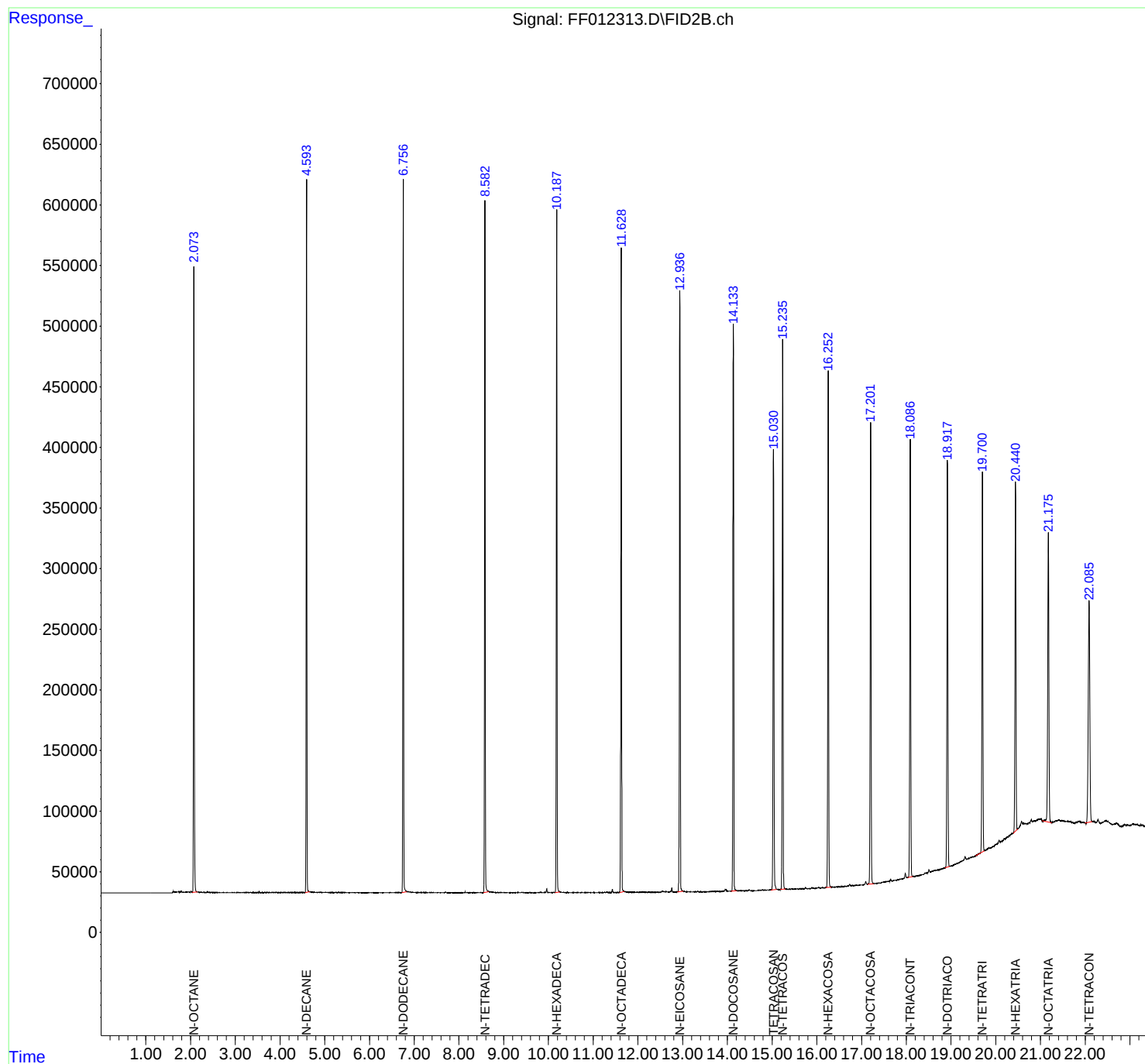
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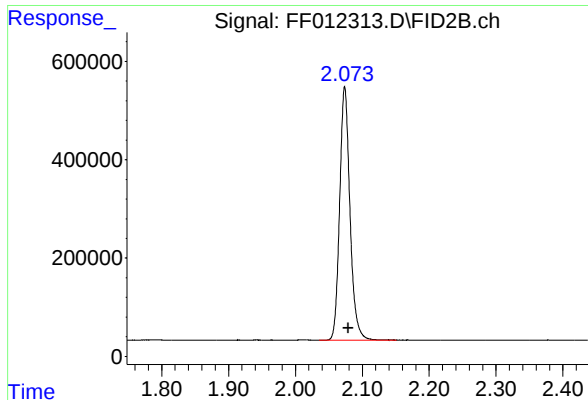
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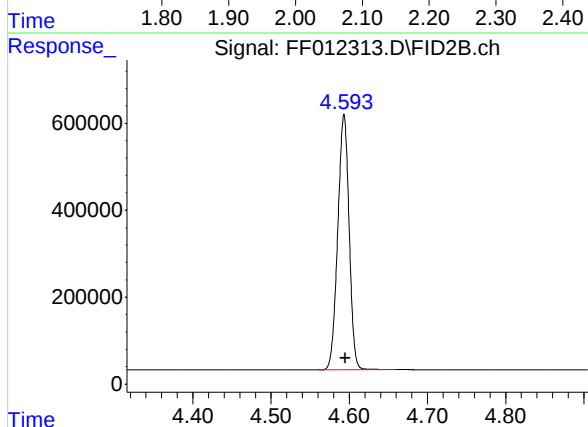
#1 N-OCTANE

R.T.: 2.074 min
Delta R.T.: -0.005 min
Response: 5507258
Conc: 43.43 ug/ml

Instrument :
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50 PPM TRPH STD

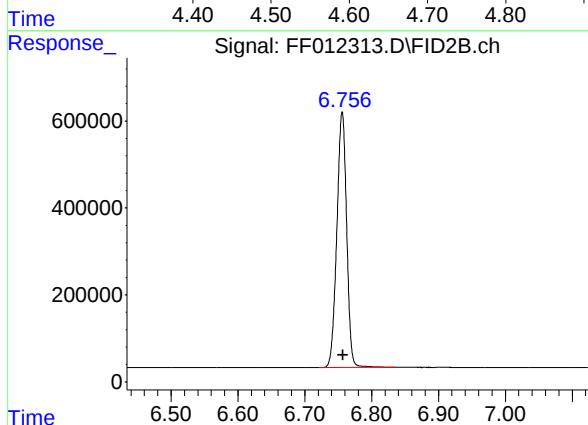
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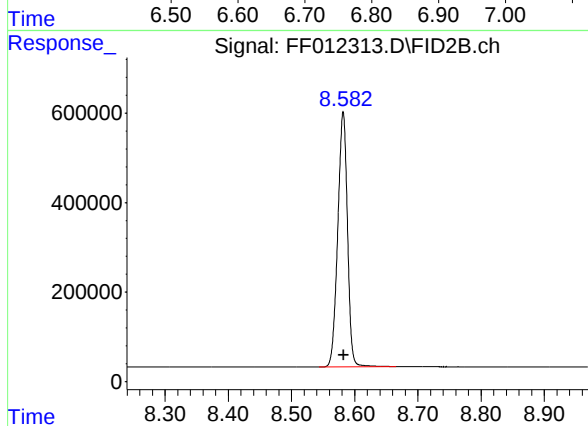
#2 N-DECANE

R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 5924774
Conc: 47.32 ug/ml



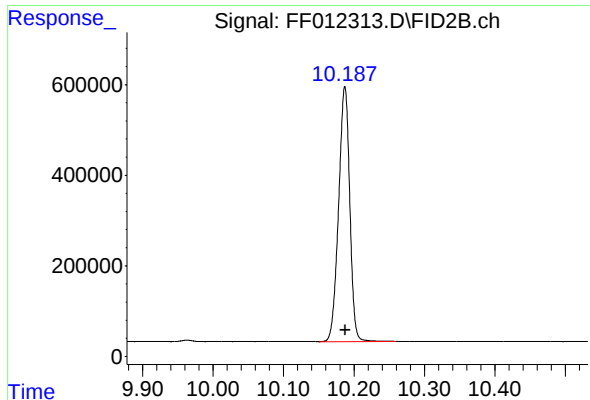
#3 N-DODECANE

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 6001662
Conc: 48.41 ug/ml



#4 N-TETRADECANE

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 6067413
Conc: 46.56 ug/ml



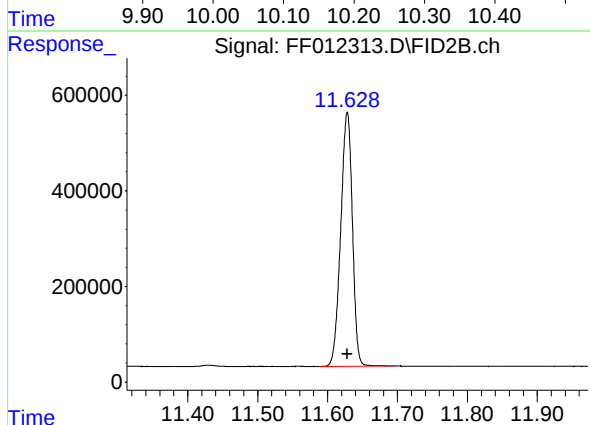
#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 6186897
Conc: 46.36 ug/ml

Instrument :
FID_F
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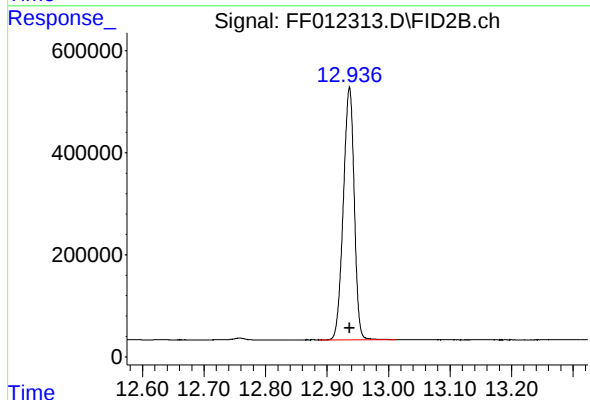
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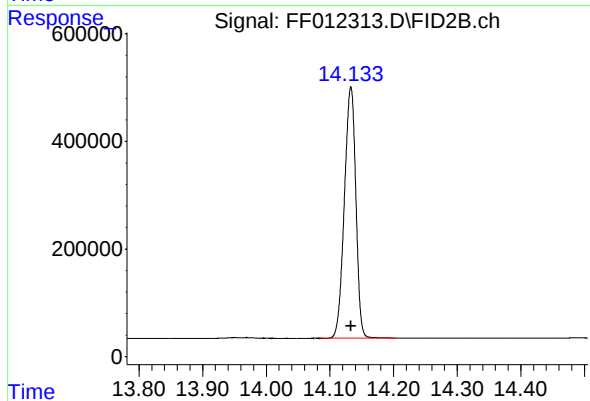
#6 N-OCTADECANE

R.T.: 11.628 min
Delta R.T.: 0.000 min
Response: 6170357
Conc: 45.94 ug/ml



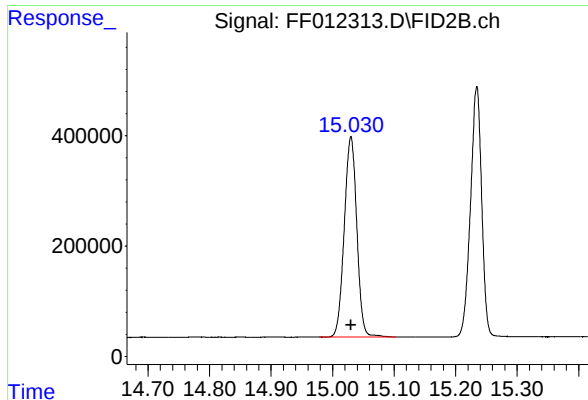
#7 N-EICOSANE

R.T.: 12.937 min
Delta R.T.: 0.000 min
Response: 6100359
Conc: 45.86 ug/ml



#8 N-DOCOSANE

R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 5830820
Conc: 45.89 ug/ml



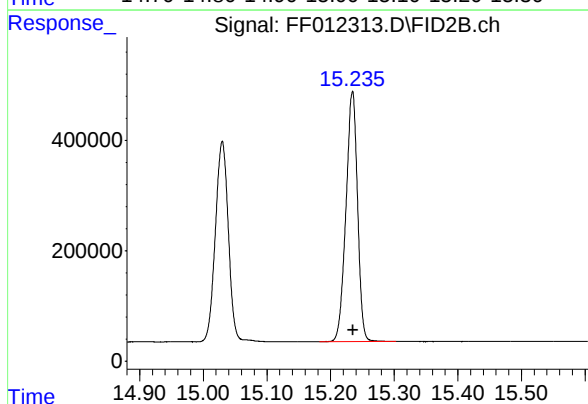
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.030 min
Delta R.T.: 0.000 min
Response: 5144401
Conc: 45.97 ug/ml

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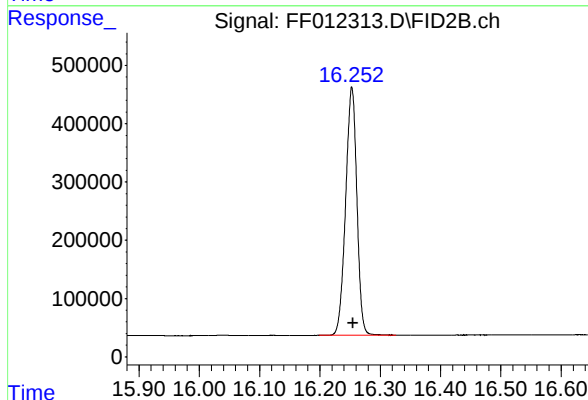
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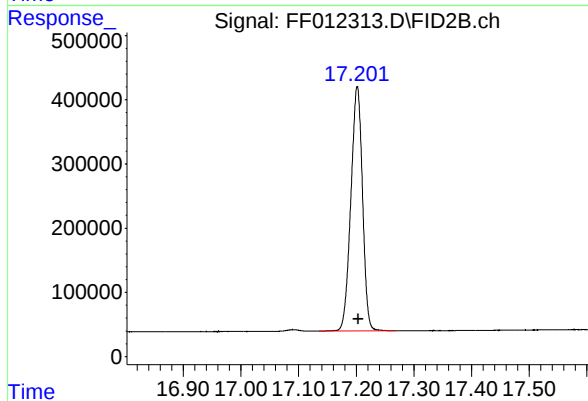
#10 N-TETRACOSANE

R.T.: 15.234 min
Delta R.T.: 0.000 min
Response: 5722725
Conc: 45.89 ug/ml



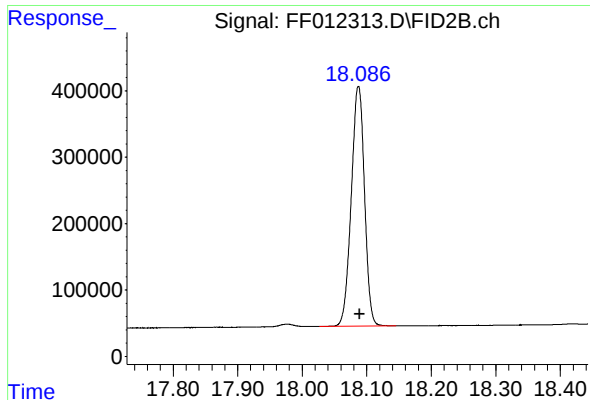
#11 N-HEXACOSANE

R.T.: 16.253 min
Delta R.T.: -0.002 min
Response: 5508961
Conc: 46.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.202 min
Delta R.T.: -0.002 min
Response: 5345844
Conc: 46.47 ug/ml



#13 N-TRIACONTANE

R.T.: 18.087 min
Delta R.T.: -0.002 min
Response: 5148023
Conc: 46.79 ug/ml

Instrument :

FID_F

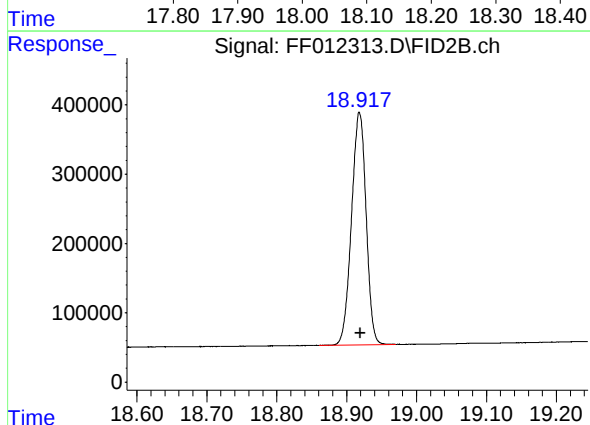
ClientSampleId :

50 PPM TRPH STD

Manual Integrations

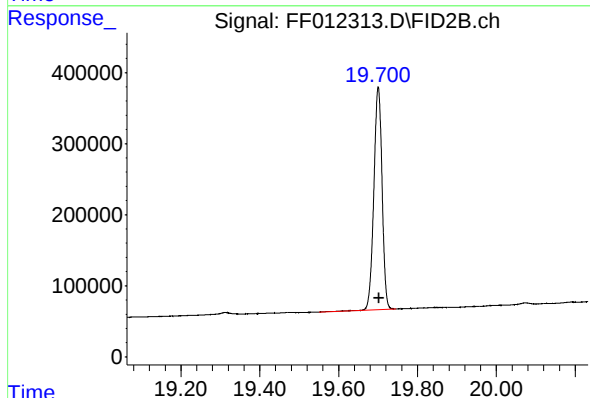
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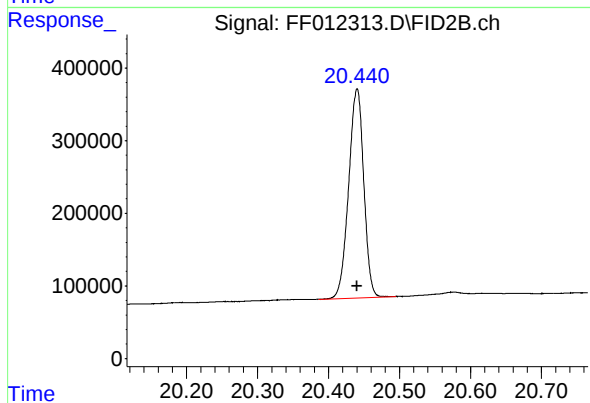
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: -0.001 min
Response: 4868732
Conc: 46.91 ug/ml



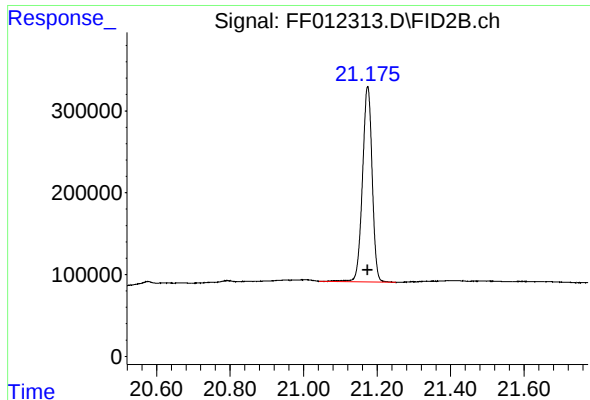
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.002 min
Response: 4537238
Conc: 47.96 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.440 min
Delta R.T.: 0.000 min
Response: 4265067
Conc: 48.68 ug/ml m



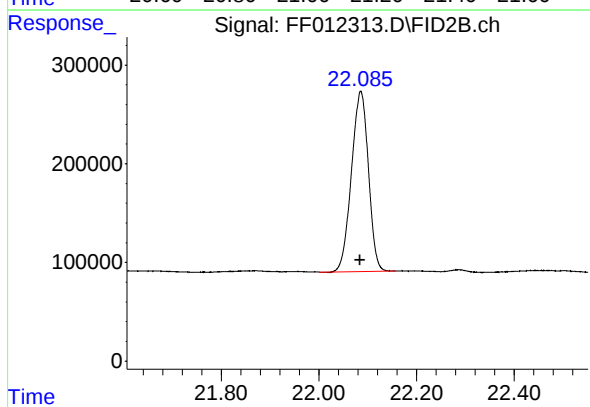
#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: 0.000 min
Response: 4371351
Conc: 52.80 ug/ml

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#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: 0.001 min
Response: 4402475
Conc: 53.89 ug/ml