

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032622\
 Data File : FF010184.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2022 07:12
 Operator : AJ\MA
 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 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 27 07:32:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032622.M
 Quant Title :
 QLast Update : Sat Mar 26 09:58:43 2022
 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...	14.639	5182312	42.428 ug/mlm
Target Compounds			
1) N-OCTANE	2.279	6818668	50.613 ug/ml
2) N-DECANE	4.371	6898747	50.203 ug/ml
3) N-DODECANE	6.390	6808344	49.241 ug/ml
4) N-TETRADECANE	8.185	6725309	47.995 ug/ml
5) N-HEXADECANE	9.786	6652564	47.208 ug/ml
6) N-OCTADECANE	11.230	6646164	46.113 ug/ml
7) N-EICOSANE	12.540	6277722	44.897 ug/ml
8) N-DOCOSANE	13.740	6009842	43.613 ug/ml
10) N-TETRACOSANE	14.844	5808569	42.469 ug/ml
11) N-HEXACOSANE	15.866	5592674	41.657 ug/ml
12) N-OCTACOSANE	16.816	5446599	41.404 ug/ml
13) N-TRIACONTANE	17.704	5337871	41.658 ug/ml
14) N-DOTRIACONTANE	18.538	5171318	41.371 ug/ml
15) N-TETRATRIACONTANE	19.321	4814581	44.573 ug/ml
16) N-HEXATRIACONTANE	20.061	4287174	47.686 ug/ml
17) N-OCTATRIACONTANE	20.790	3875366	48.279 ug/ml
18) N-TETRACONTANE	21.681	3953387	45.395 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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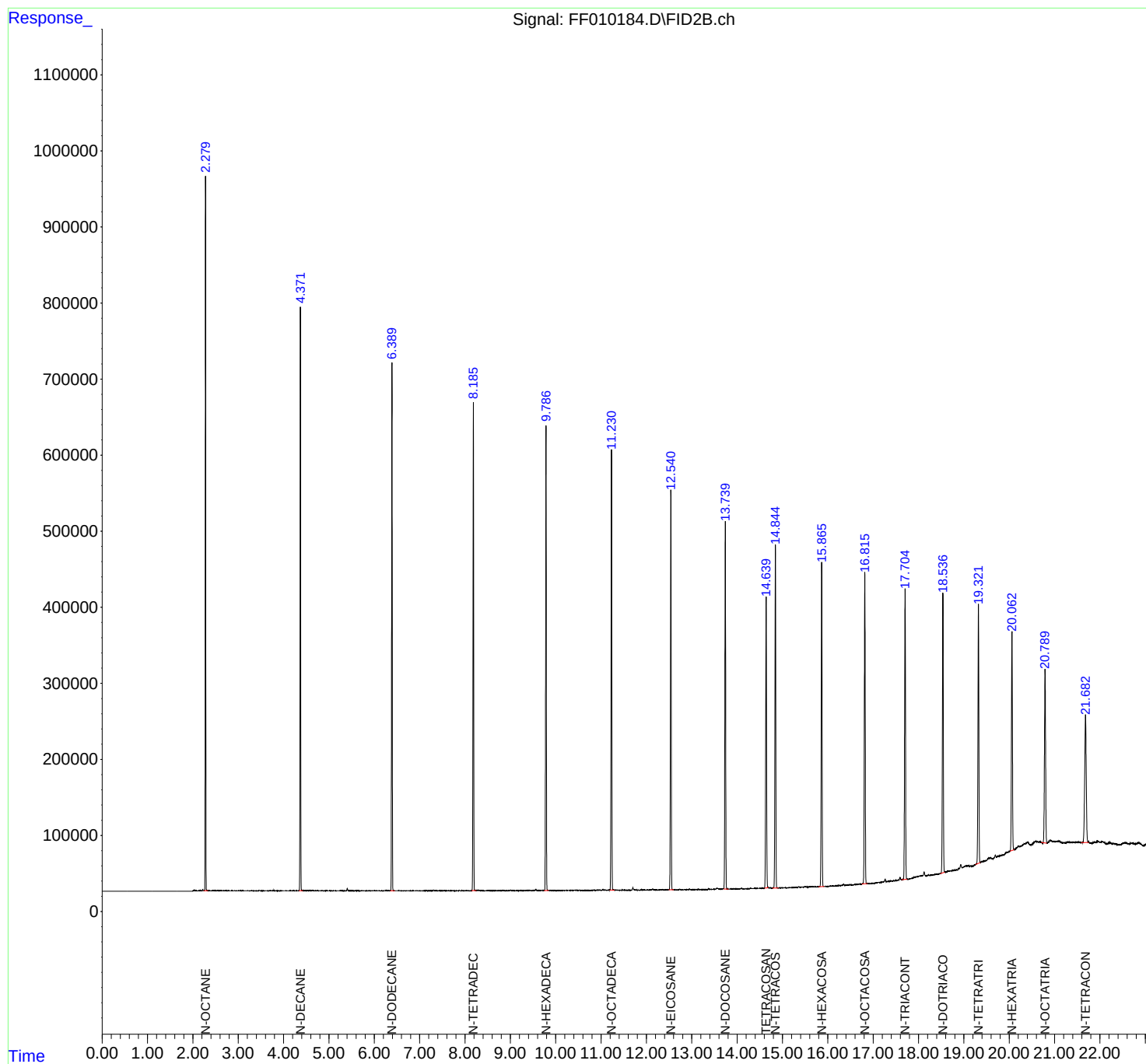
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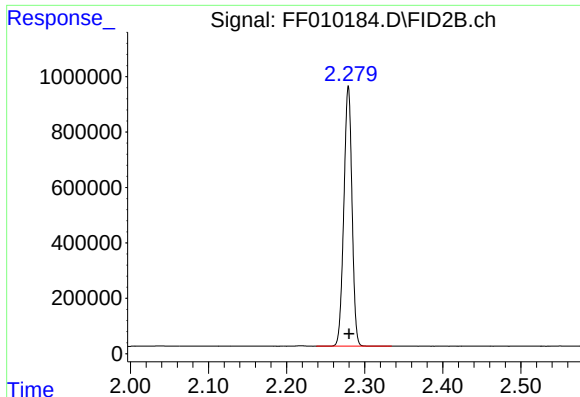
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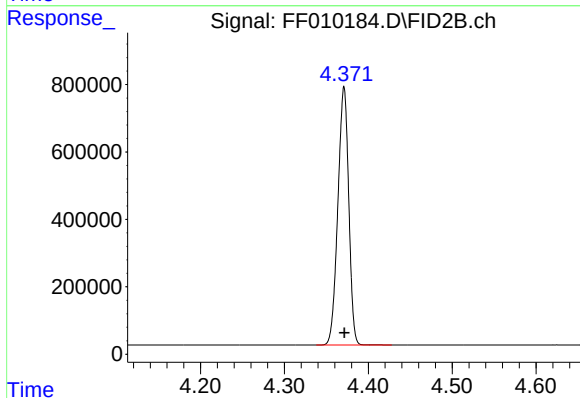
#1 N-OCTANE

R.T.: 2.279 min
Delta R.T.: -0.001 min
Response: 6818668
Conc: 50.61 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

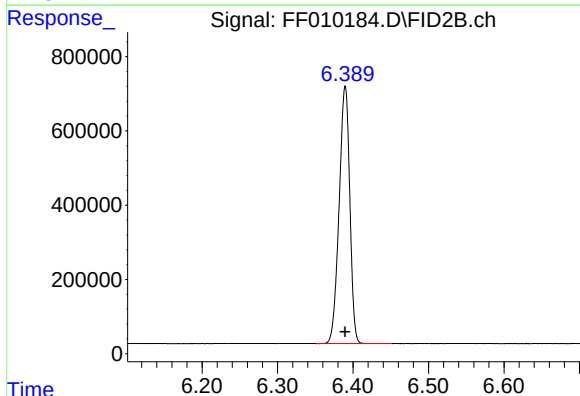
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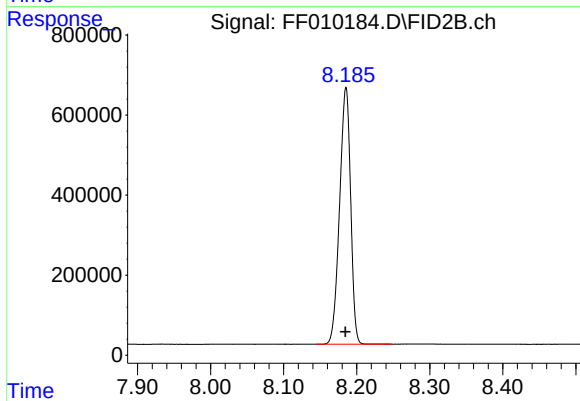
#2 N-DECANE

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 6898747
Conc: 50.20 ug/ml



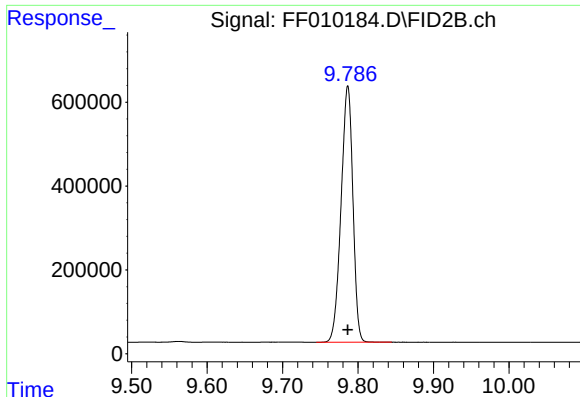
#3 N-DODECANE

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 6808344
Conc: 49.24 ug/ml



#4 N-TETRADECANE

R.T.: 8.185 min
Delta R.T.: 0.000 min
Response: 6725309
Conc: 47.99 ug/ml



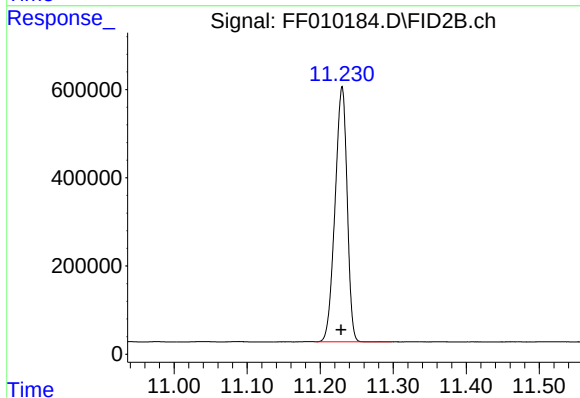
#5 N-HEXADECANE

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 6652564
Conc: 47.21 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

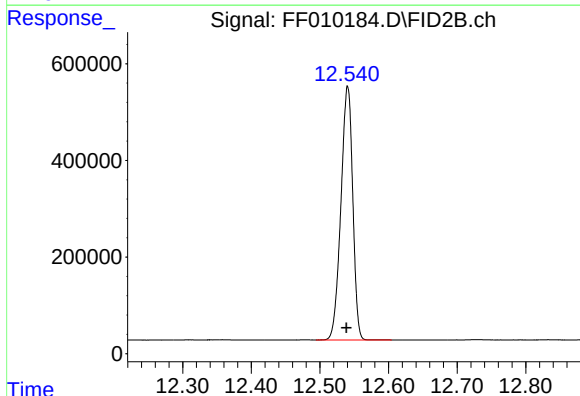
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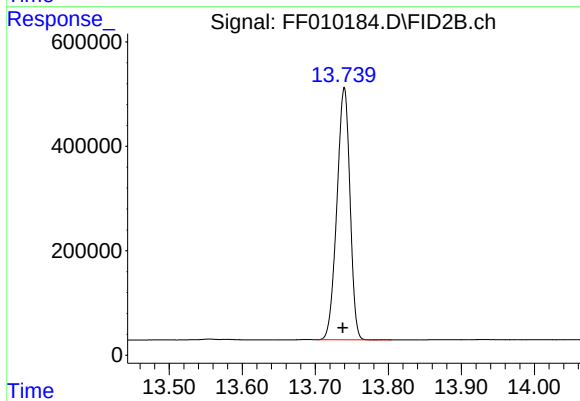
#6 N-OCTADECANE

R.T.: 11.230 min
Delta R.T.: 0.001 min
Response: 6646164
Conc: 46.11 ug/ml



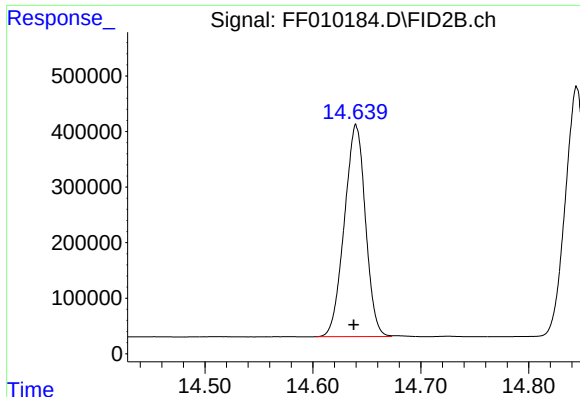
#7 N-EICOSANE

R.T.: 12.540 min
Delta R.T.: 0.001 min
Response: 6277722
Conc: 44.90 ug/ml



#8 N-DOCOSANE

R.T.: 13.740 min
Delta R.T.: 0.002 min
Response: 6009842
Conc: 43.61 ug/ml



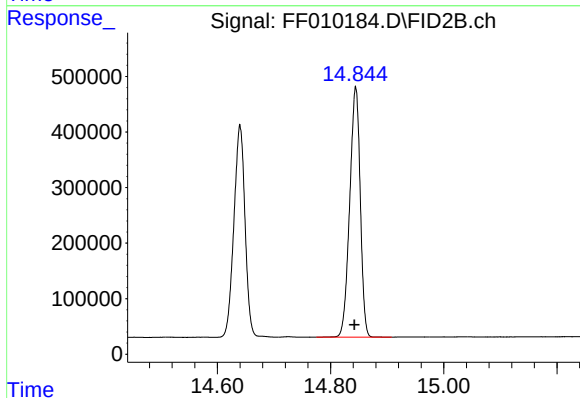
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.639 min
Delta R.T.: 0.002 min
Response: 5182312
Conc: 42.43 ug/ml

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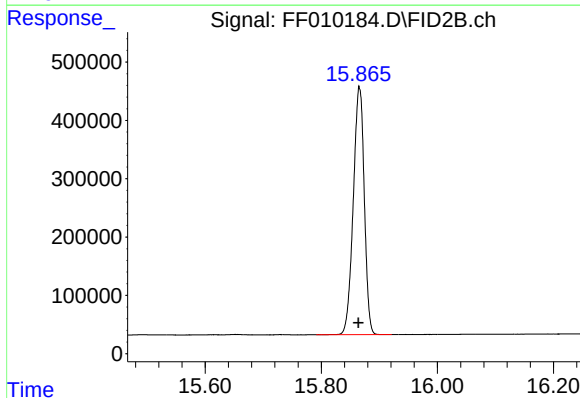
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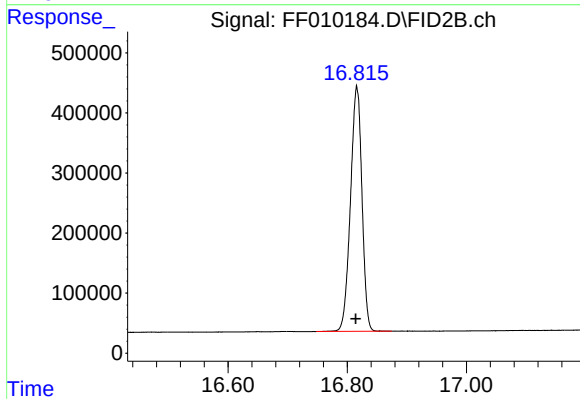
#10 N-TETRACOSANE

R.T.: 14.844 min
Delta R.T.: 0.002 min
Response: 5808569
Conc: 42.47 ug/ml



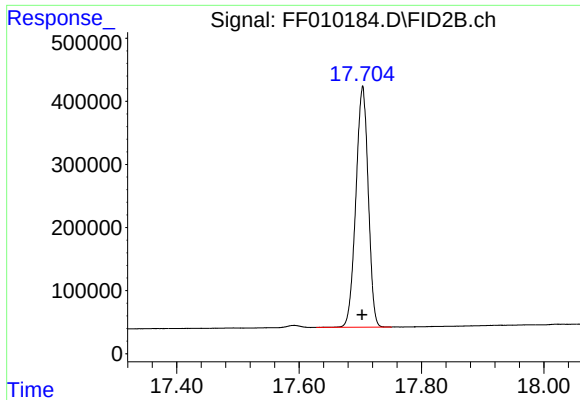
#11 N-HEXACOSANE

R.T.: 15.866 min
Delta R.T.: 0.002 min
Response: 5592674
Conc: 41.66 ug/ml



#12 N-OCTACOSANE

R.T.: 16.816 min
Delta R.T.: 0.002 min
Response: 5446599
Conc: 41.40 ug/ml



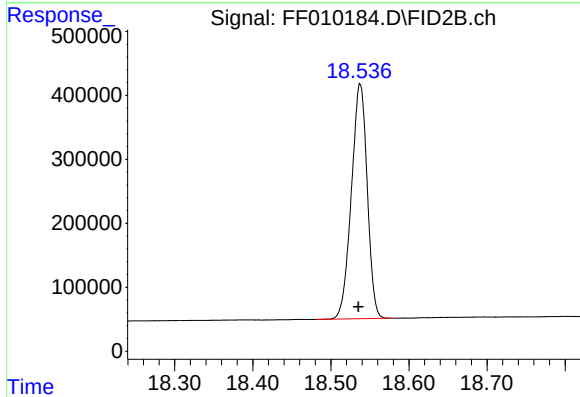
#13 N-TRIACONTANE

R.T.: 17.704 min
Delta R.T.: 0.000 min
Response: 5337871
Conc: 41.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD

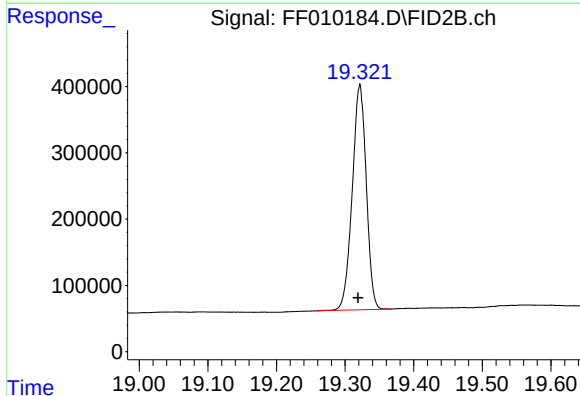
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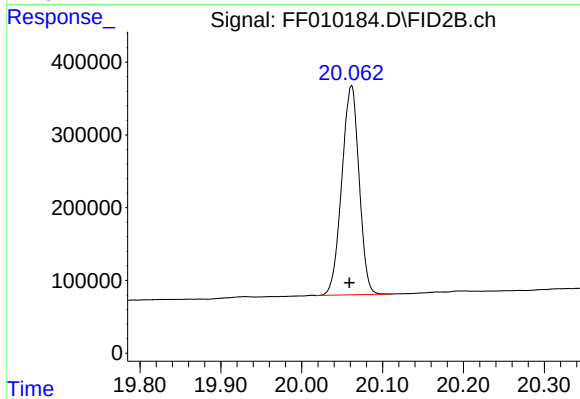
#14 N-DOTRIACONTANE

R.T.: 18.538 min
Delta R.T.: 0.002 min
Response: 5171318
Conc: 41.37 ug/ml



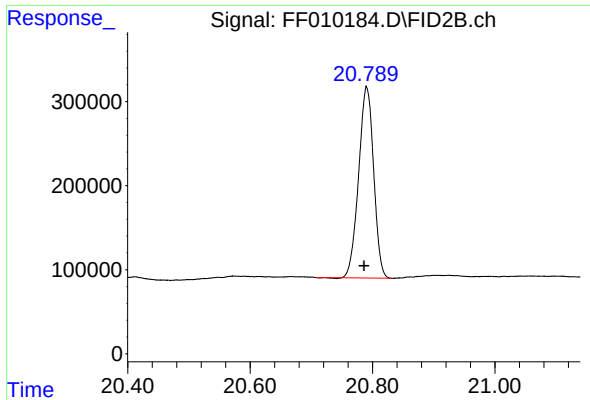
#15 N-TETRATRIACONTANE

R.T.: 19.321 min
Delta R.T.: 0.003 min
Response: 4814581
Conc: 44.57 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.061 min
Delta R.T.: 0.002 min
Response: 4287174
Conc: 47.69 ug/ml



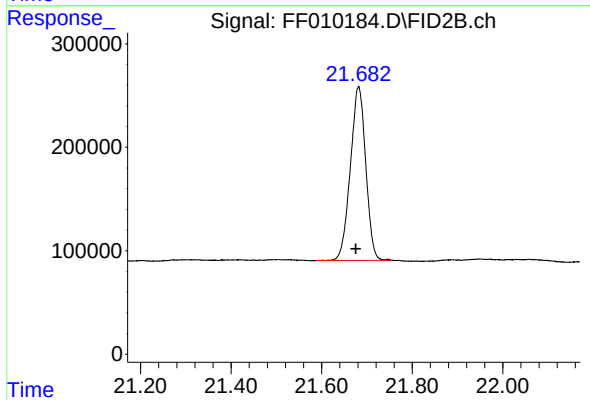
#17 N-OCTATRIACONTANE

R.T.: 20.790 min
Delta R.T.: 0.005 min
Response: 3875366
Conc: 48.28 ug/ml

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#18 N-TETRACONTANE

R.T.: 21.681 min
Delta R.T.: 0.006 min
Response: 3953387
Conc: 45.39 ug/ml