

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111125\
 Data File : FF016653.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2025 14:57
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Nov 12 00:18:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF102925.M
 Quant Title :
 QLast Update : Wed Oct 29 12:48:52 2025
 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...	15.061	5221739	49.981 ug/ml
Target Compounds			
1) N-OCTANE	2.040	5805919	52.308 ug/ml
2) N-DECANE	4.573	5930108	53.595 ug/ml
3) N-DODECANE	6.753	5960093	53.653 ug/ml
4) N-TETRADECANE	8.586	5965808	53.403 ug/ml
5) N-HEXADECANE	10.197	5947856	52.937 ug/ml
6) N-OCTADECANE	11.643	6063748	51.814 ug/ml
7) N-EICOSANE	12.957	6185152	50.654 ug/ml
8) N-DOCOSANE	14.159	5977776	50.147 ug/ml
10) N-TETRACOSANE	15.266	5915179	49.922 ug/ml
11) N-HEXACOSANE	16.292	5669834	49.355 ug/ml
12) N-OCTACOSANE	17.245	5565138	48.836 ug/ml
13) N-TRIACONTANE	18.136	5488069	48.845 ug/ml
14) N-DOTRIACONTANE	18.973	5301277	49.454 ug/ml
15) N-TETRATRIACONTANE	19.760	4957983	50.457 ug/ml
16) N-HEXATRIACONTANE	20.504	4448894	52.029 ug/ml
17) N-OCTATRIACONTANE	21.262	4047546	52.735 ug/ml
18) N-TETRACONTANE	22.210	3709257	54.350 ug/ml

(f)=RT Delta > 1/2 Window

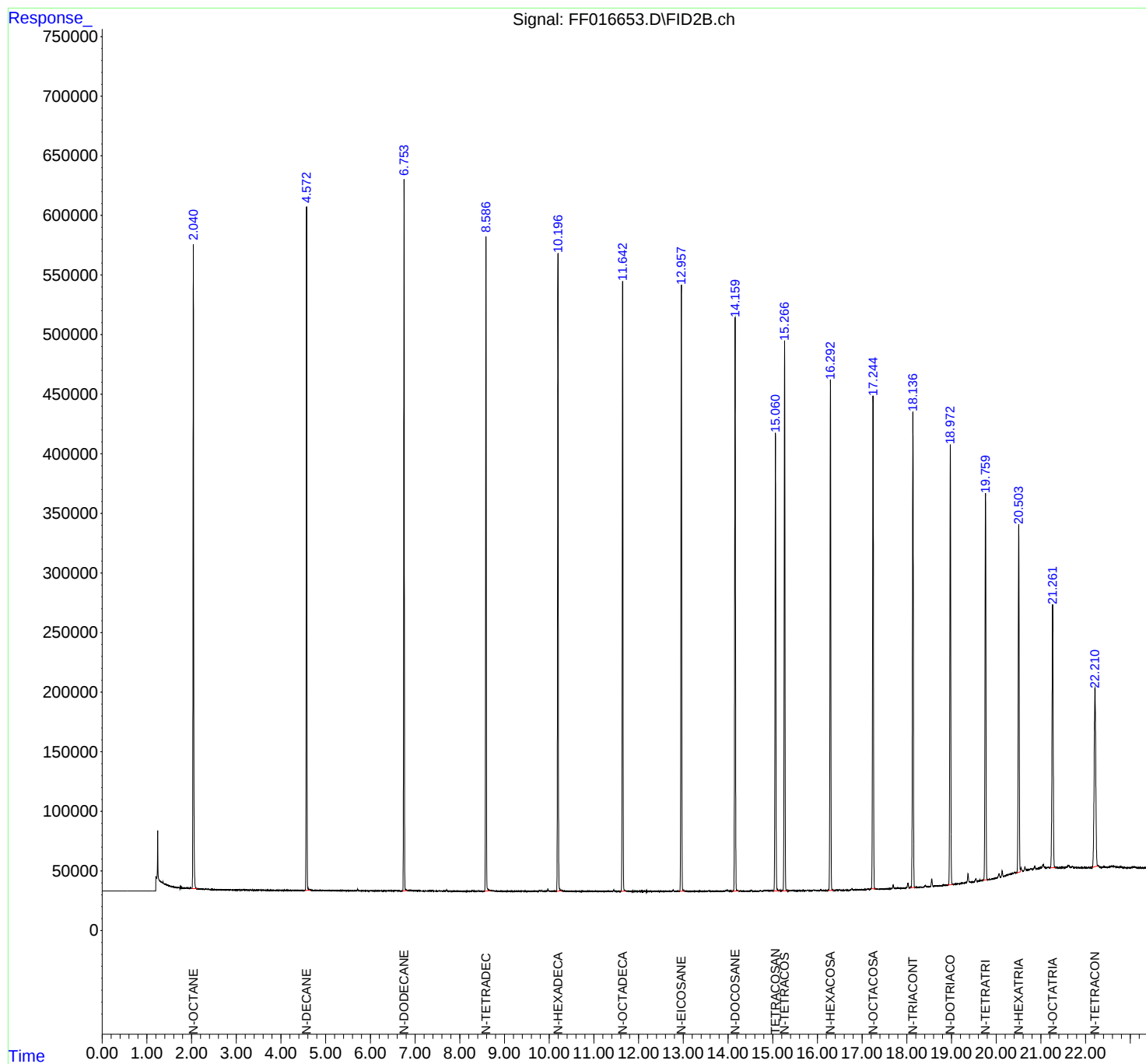
(m)=manual int.

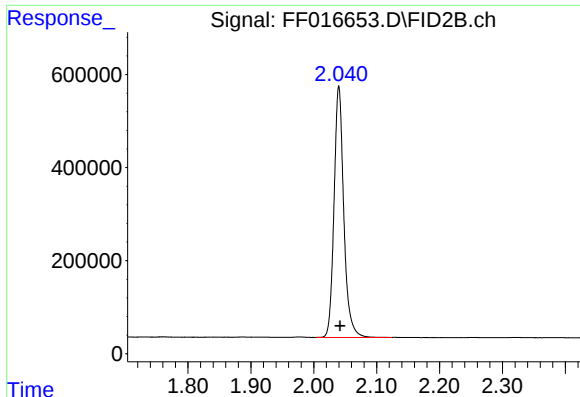
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Signal Info : 20mx0.18mmx0.18um

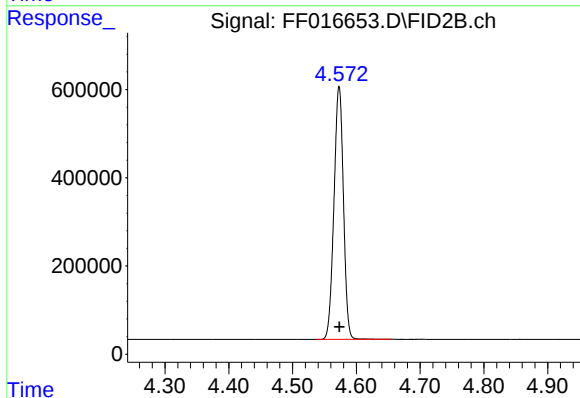




#1 N-OCTANE

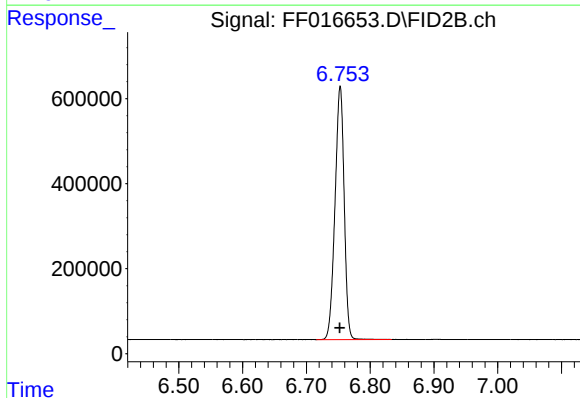
R.T.: 2.040 min
Delta R.T.: -0.002 min
Response: 5805919
Conc: 52.31 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



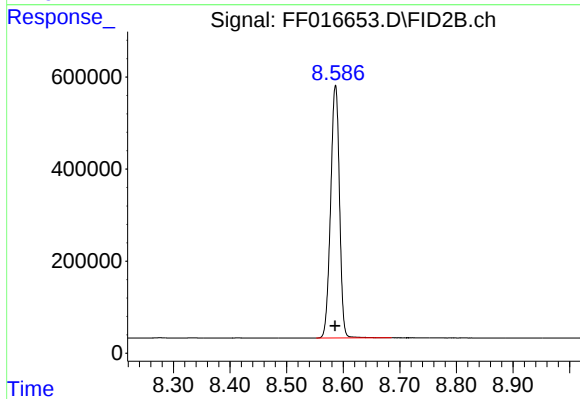
#2 N-DECANE

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 5930108
Conc: 53.59 ug/ml



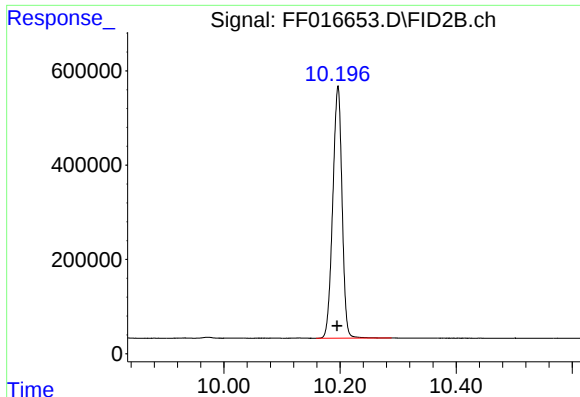
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 5960093
Conc: 53.65 ug/ml



#4 N-TETRADECANE

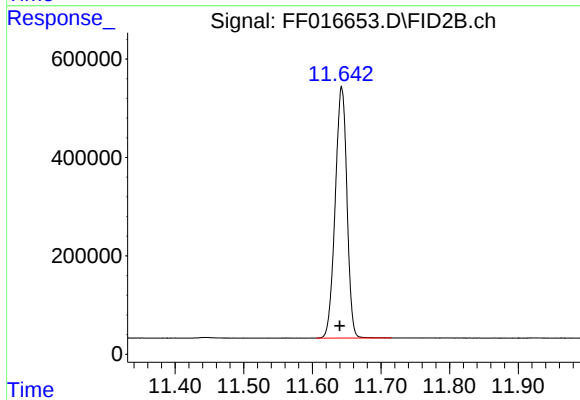
R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 5965808
Conc: 53.40 ug/ml



#5 N-HEXADECANE

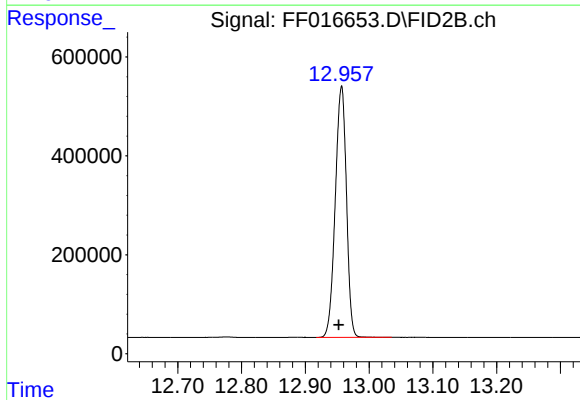
R.T.: 10.197 min
Delta R.T.: 0.002 min
Response: 5947856
Conc: 52.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



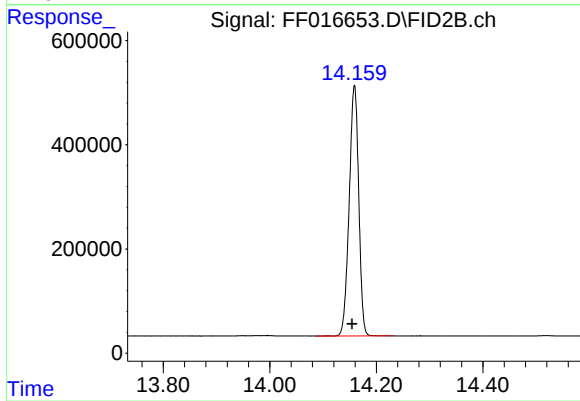
#6 N-OCTADECANE

R.T.: 11.643 min
Delta R.T.: 0.003 min
Response: 6063748
Conc: 51.81 ug/ml



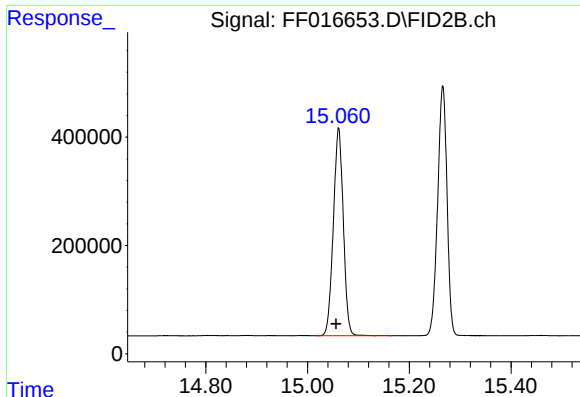
#7 N-EICOSANE

R.T.: 12.957 min
Delta R.T.: 0.004 min
Response: 6185152
Conc: 50.65 ug/ml



#8 N-DOCOSANE

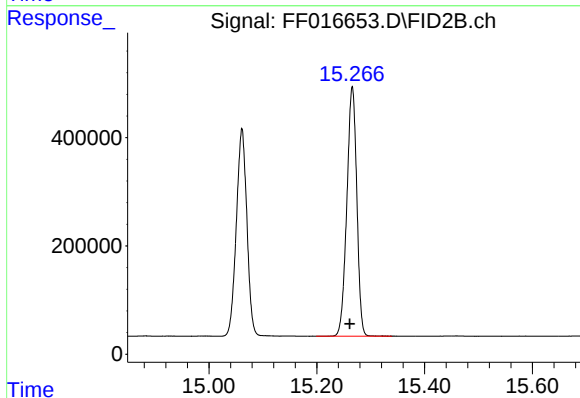
R.T.: 14.159 min
Delta R.T.: 0.005 min
Response: 5977776
Conc: 50.15 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

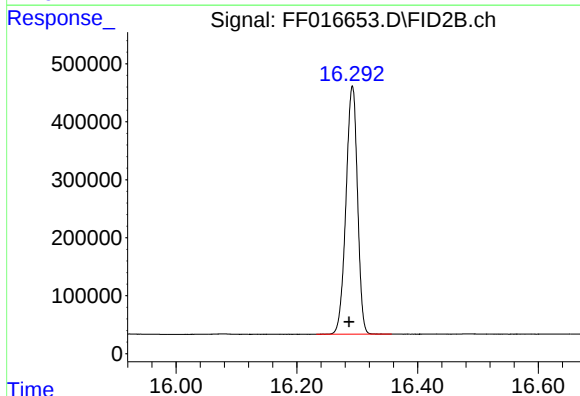
R.T.: 15.061 min
Delta R.T.: 0.005 min
Response: 5221739
Conc: 49.98 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



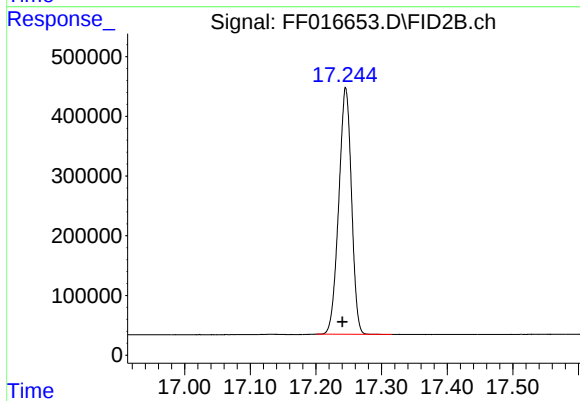
#10 N-TETRACOSANE

R.T.: 15.266 min
Delta R.T.: 0.005 min
Response: 5915179
Conc: 49.92 ug/ml



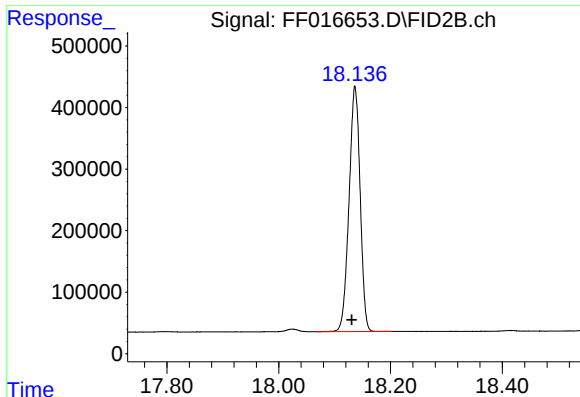
#11 N-HEXACOSANE

R.T.: 16.292 min
Delta R.T.: 0.006 min
Response: 5669834
Conc: 49.35 ug/ml



#12 N-OCTACOSANE

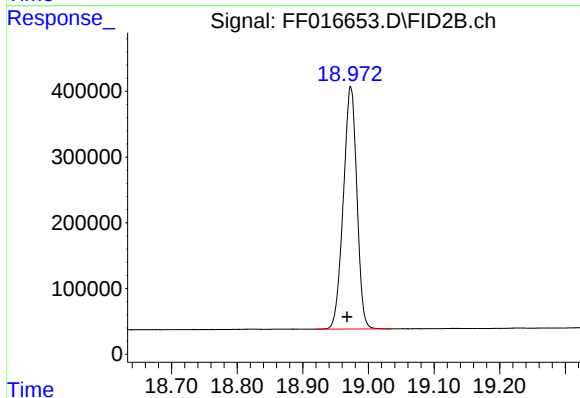
R.T.: 17.245 min
Delta R.T.: 0.005 min
Response: 5565138
Conc: 48.84 ug/ml



#13 N-TRIACONTANE

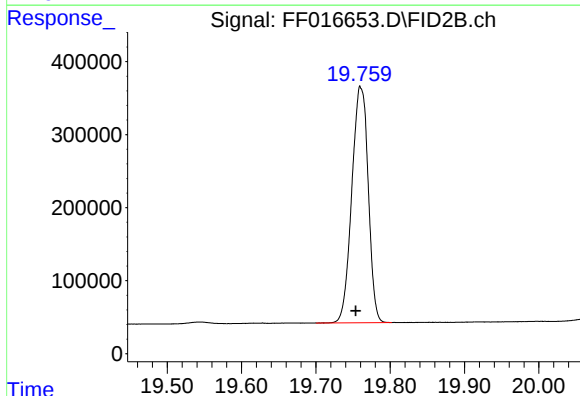
R.T.: 18.136 min
Delta R.T.: 0.006 min
Response: 5488069
Conc: 48.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



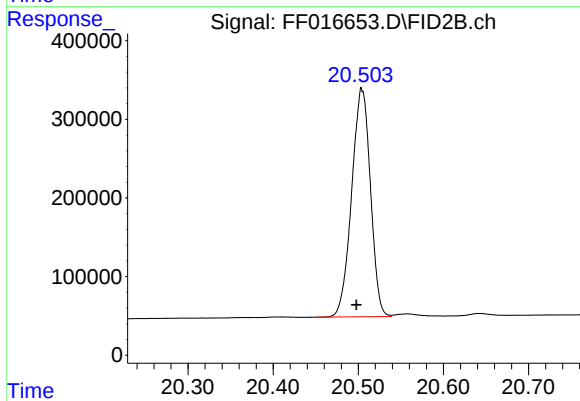
#14 N-DOTRIACONTANE

R.T.: 18.973 min
Delta R.T.: 0.006 min
Response: 5301277
Conc: 49.45 ug/ml



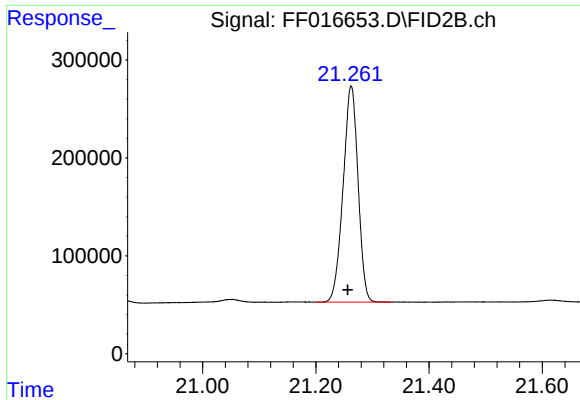
#15 N-TETRATRIACONTANE

R.T.: 19.760 min
Delta R.T.: 0.006 min
Response: 4957983
Conc: 50.46 ug/ml



#16 N-HEXATRIACONTANE

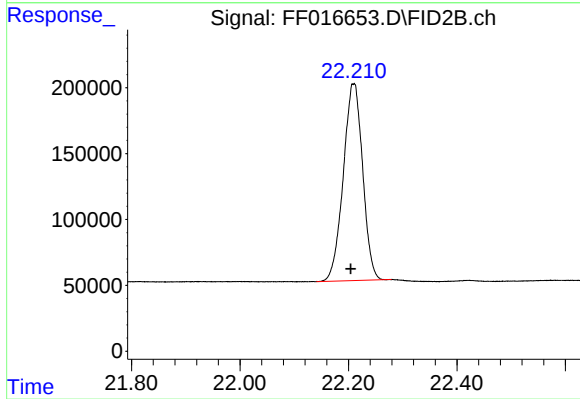
R.T.: 20.504 min
Delta R.T.: 0.007 min
Response: 4448894
Conc: 52.03 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.006 min
Response: 4047546
Conc: 52.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: 0.005 min
Response: 3709257
Conc: 54.35 ug/ml