

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040925\
 Data File : FF015767.D
 Signal(s) : FID2B.ch
 Acq On : 09 Apr 2025 09:16
 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: Apr 10 01:29:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 13:03:21 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...	15.022	5958038	54.370 ug/ml
Target Compounds			
1) N-OCTANE	2.027	5437391	48.416 ug/ml
2) N-DECANE	4.565	5711344	51.953 ug/ml
3) N-DODECANE	6.734	6032167	54.030 ug/ml
4) N-TETRADECANE	8.561	6125232	54.945 ug/ml
5) N-HEXADECANE	10.168	6262677	53.513 ug/ml
6) N-OCTADECANE	11.611	6543948	53.526 ug/ml
7) N-EICOSANE	12.922	6604993	52.001 ug/ml
8) N-DOCOSANE	14.121	6551391	52.827 ug/ml
10) N-TETRACOSANE	15.225	6562792	52.787 ug/ml
11) N-HEXACOSANE	16.247	6453079	52.314 ug/ml
12) N-OCTACOSANE	17.197	6399570	52.393 ug/ml
13) N-TRIACONTANE	18.086	6402415	51.851 ug/ml
14) N-DOTRIACONTANE	18.919	6092777	51.557 ug/ml
15) N-TETRATRIACONTANE	19.702	5096769	48.923 ug/ml
16) N-HEXATRIACONTANE	20.441	4032828	46.060 ug/ml
17) N-OCTATRIACONTANE	21.177	3358867	47.555 ug/ml
18) N-TETRACONTANE	22.089	2914118	47.497 ug/ml

(f)=RT Delta > 1/2 Window

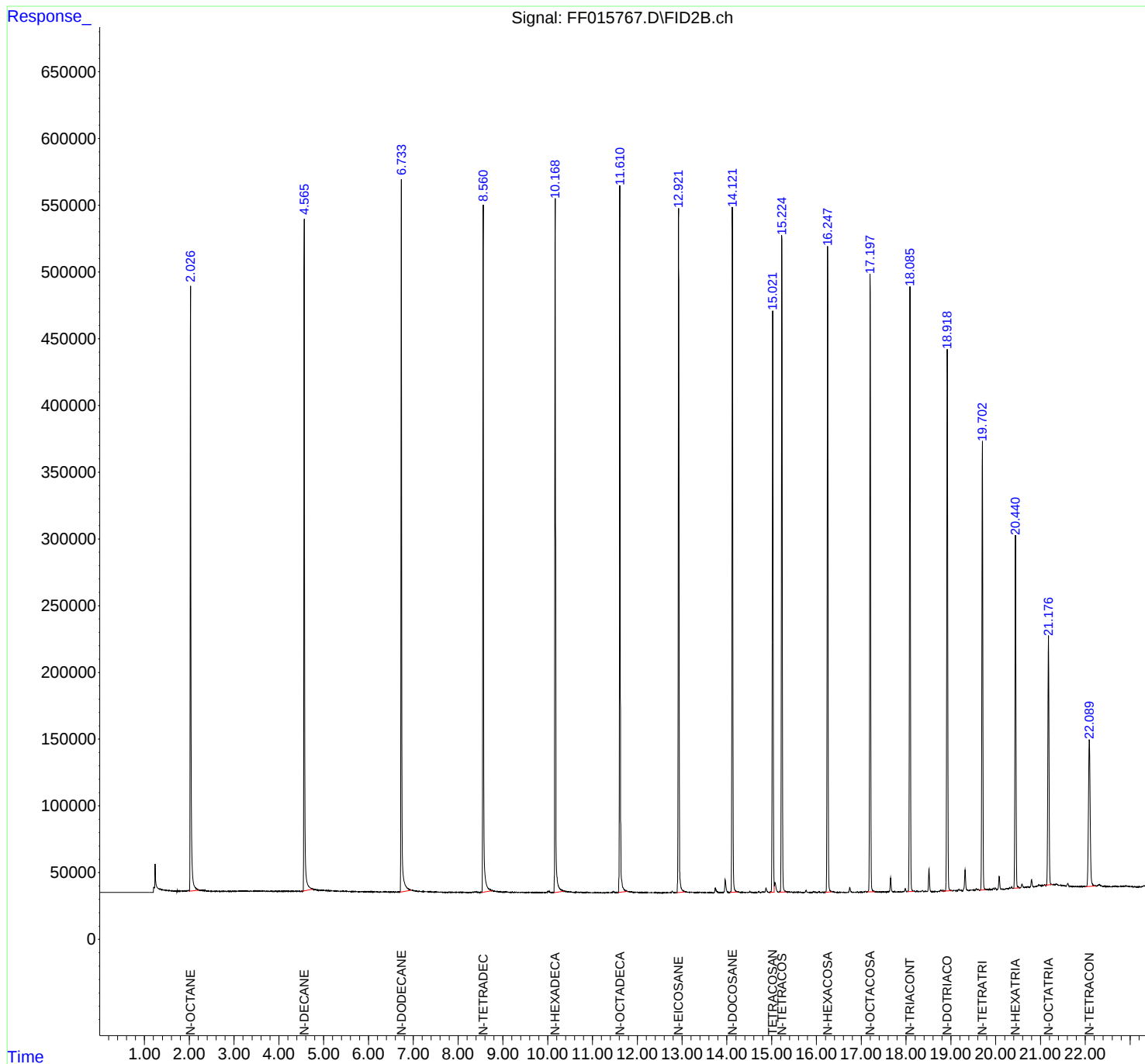
(m)=manual int.

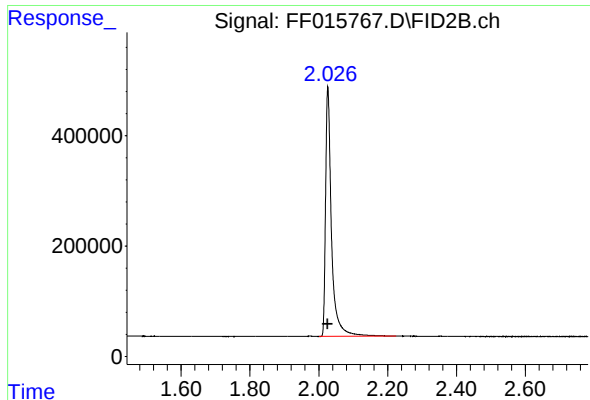
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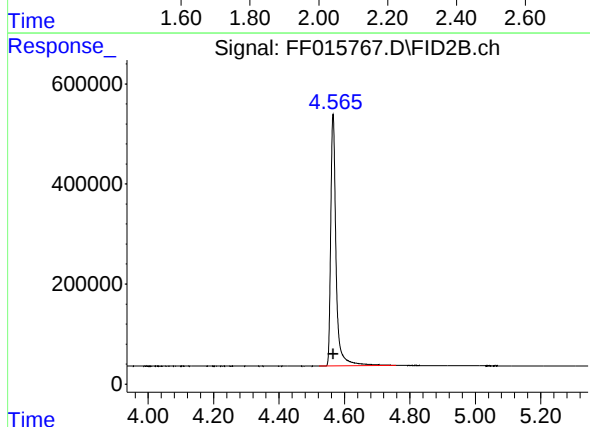




#1 N-OCTANE

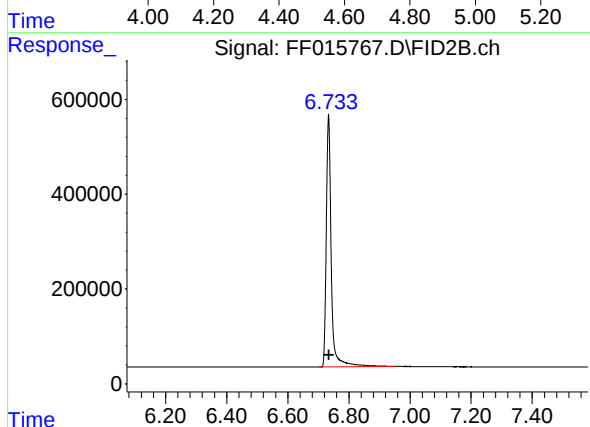
R.T.: 2.027 min
Delta R.T.: 0.000 min
Response: 5437391
Conc: 48.42 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



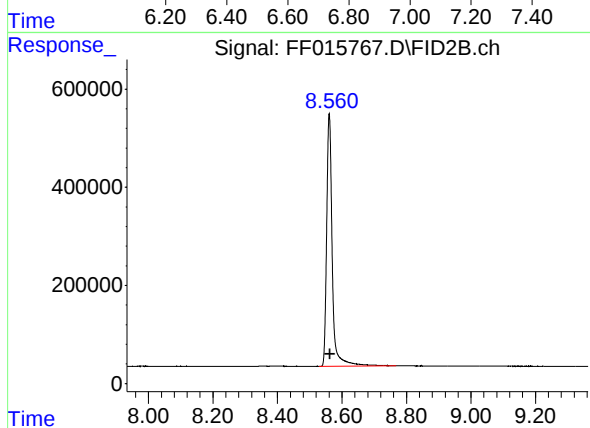
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 5711344
Conc: 51.95 ug/ml



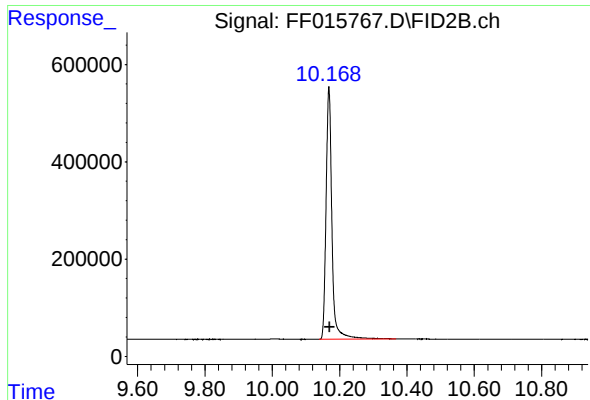
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 6032167
Conc: 54.03 ug/ml



#4 N-TETRADECANE

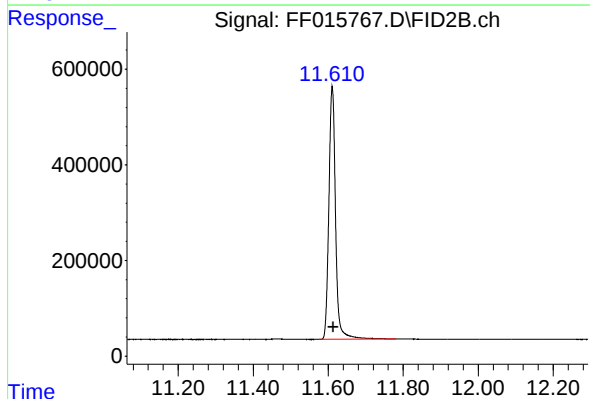
R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 6125232
Conc: 54.94 ug/ml



#5 N-HEXADECANE

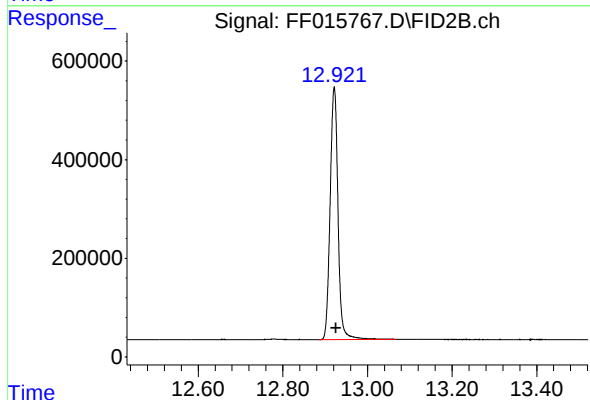
R.T.: 10.168 min
Delta R.T.: -0.002 min
Response: 6262677
Conc: 53.51 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



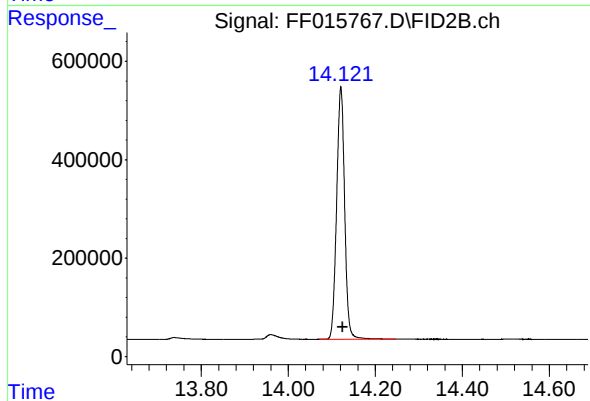
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.004 min
Response: 6543948
Conc: 53.53 ug/ml



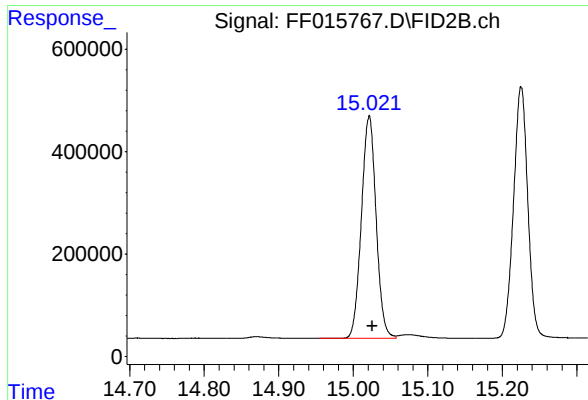
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.004 min
Response: 6604993
Conc: 52.00 ug/ml



#8 N-DOCOSANE

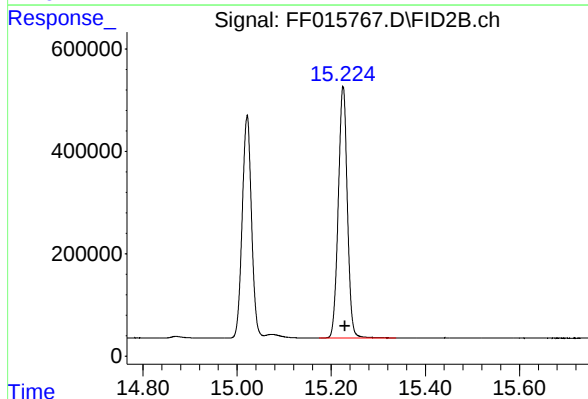
R.T.: 14.121 min
Delta R.T.: -0.004 min
Response: 6551391
Conc: 52.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

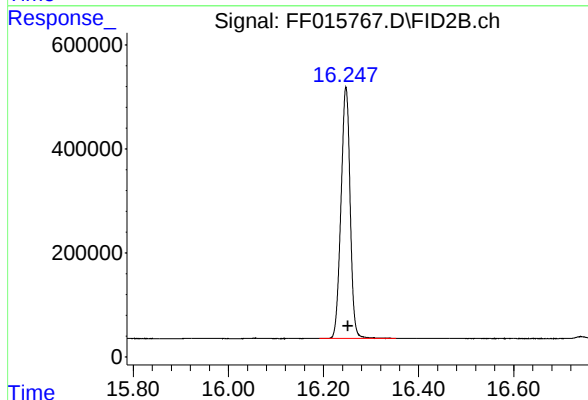
R.T.: 15.022 min
Delta R.T.: -0.004 min
Response: 5958038
Conc: 54.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



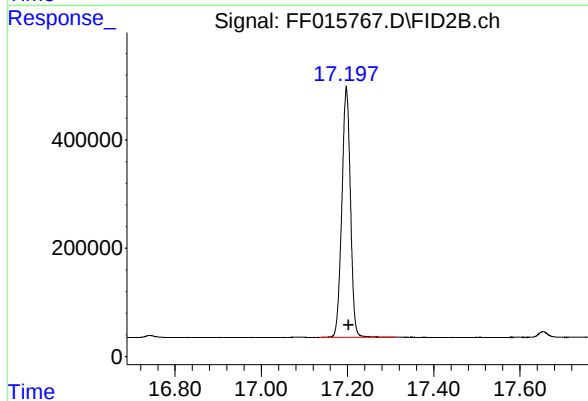
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.004 min
Response: 6562792
Conc: 52.79 ug/ml



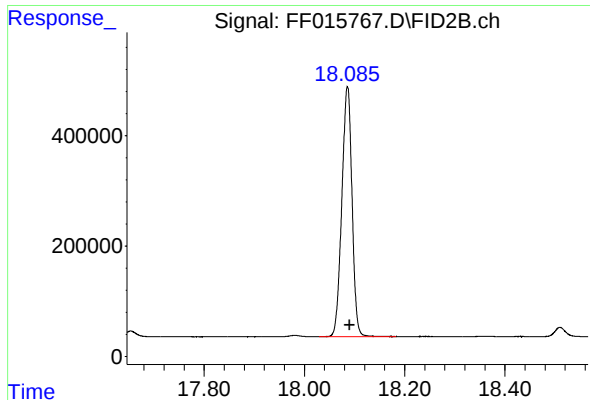
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: -0.004 min
Response: 6453079
Conc: 52.31 ug/ml



#12 N-OCTACOSANE

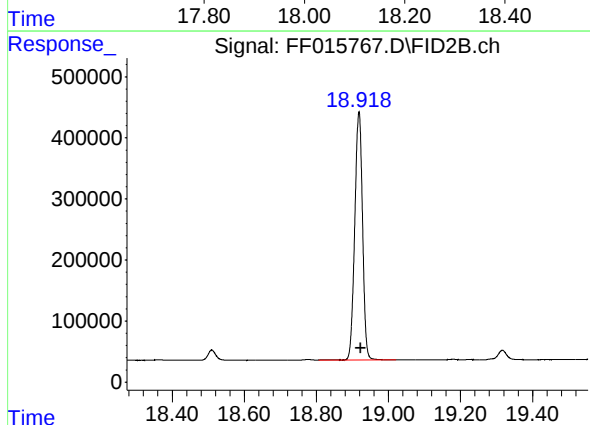
R.T.: 17.197 min
Delta R.T.: -0.005 min
Response: 6399570
Conc: 52.39 ug/ml



#13 N-TRIACONTANE

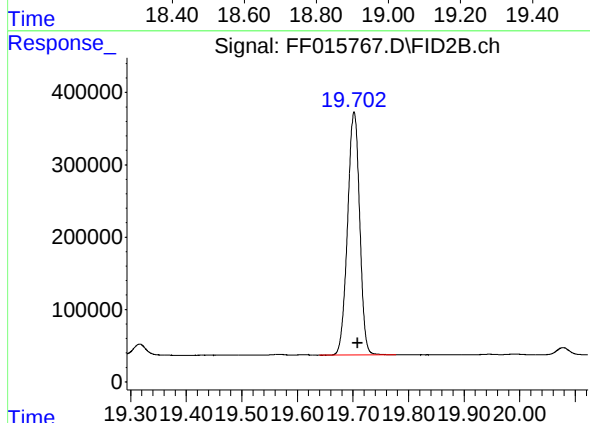
R.T.: 18.086 min
Delta R.T.: -0.005 min
Response: 6402415
Conc: 51.85 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



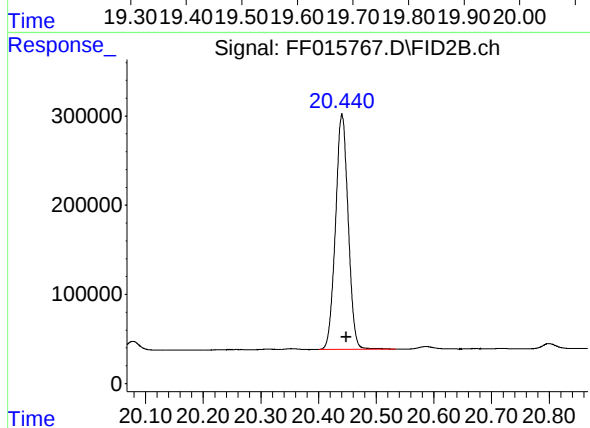
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.004 min
Response: 6092777
Conc: 51.56 ug/ml



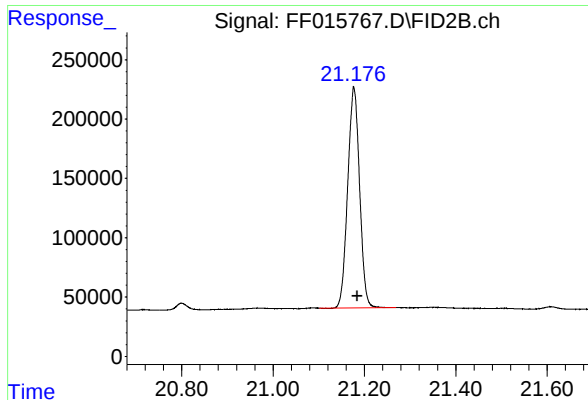
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.006 min
Response: 5096769
Conc: 48.92 ug/ml



#16 N-HEXATRIACONTANE

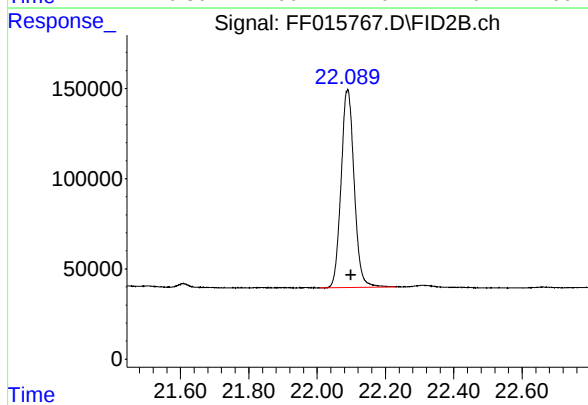
R.T.: 20.441 min
Delta R.T.: -0.008 min
Response: 4032828
Conc: 46.06 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.177 min
Delta R.T.: -0.007 min
Response: 3358867
Conc: 47.56 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: -0.011 min
Response: 2914118
Conc: 47.50 ug/ml