

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082725\
 Data File : FF016233.D
 Signal(s) : FID2B.ch
 Acq On : 27 Aug 2025 09:11
 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: Aug 28 02:30:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF080625.M
 Quant Title :
 QLast Update : Wed Aug 06 13:50:48 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...	15.081	6293424	56.382 ug/ml
Target Compounds			
1) N-OCTANE	2.059	6159615	54.142 ug/ml
2) N-DECANE	4.599	6537516	56.152 ug/ml
3) N-DODECANE	6.777	6679551	56.544 ug/ml
4) N-TETRADECANE	8.611	6839856	56.573 ug/ml
5) N-HEXADECANE	10.220	6903753	56.802 ug/ml
6) N-OCTADECANE	11.666	7104022	56.760 ug/ml
7) N-EICOSANE	12.979	7310983	56.501 ug/ml
8) N-DOCOSANE	14.179	7119087	56.310 ug/ml
10) N-TETRACOSANE	15.285	7109878	56.098 ug/ml
11) N-HEXACOSANE	16.309	6890251	55.660 ug/ml
12) N-OCTACOSANE	17.262	6918889	55.278 ug/ml
13) N-TRIACONTANE	18.151	7003631	54.828 ug/ml
14) N-DOTRIACONTANE	18.987	6771257	54.405 ug/ml
15) N-TETRATRIACONTANE	19.772	5951379	53.175 ug/ml
16) N-HEXATRIACONTANE	20.513	4662210	50.665 ug/ml
17) N-OCTATRIACONTANE	21.274	3697704	48.403 ug/ml
18) N-TETRACONTANE	22.227	3062071	46.606 ug/ml

(f)=RT Delta > 1/2 Window

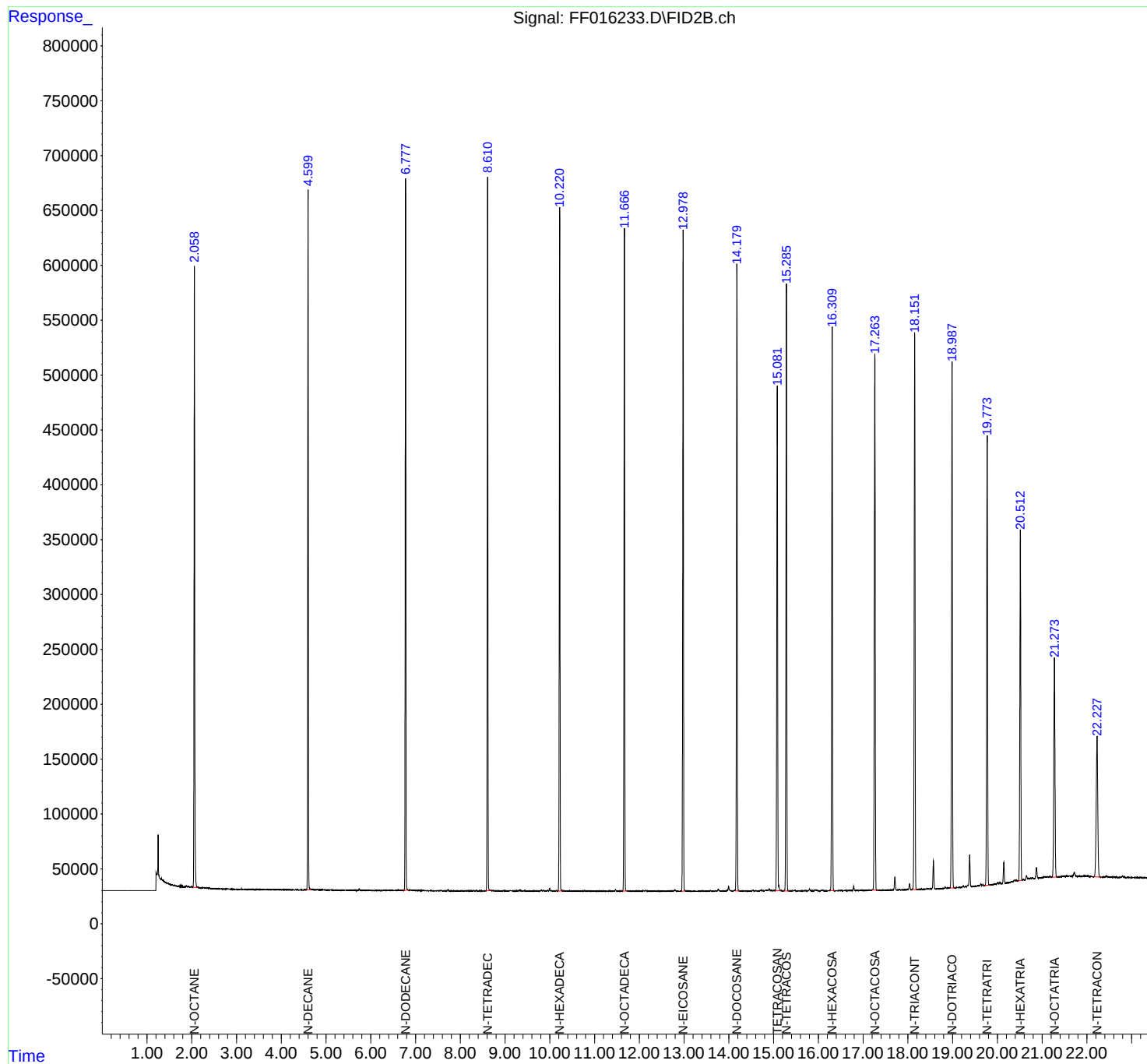
(m)=manual int.

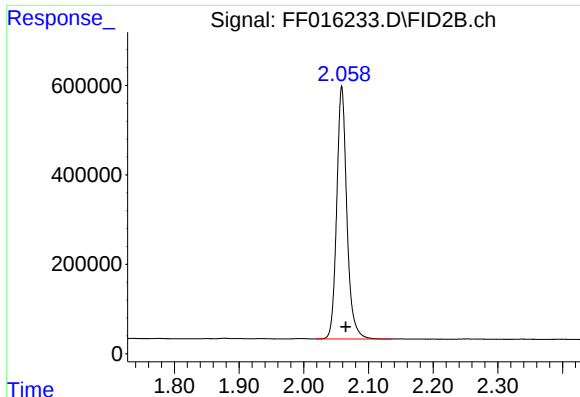
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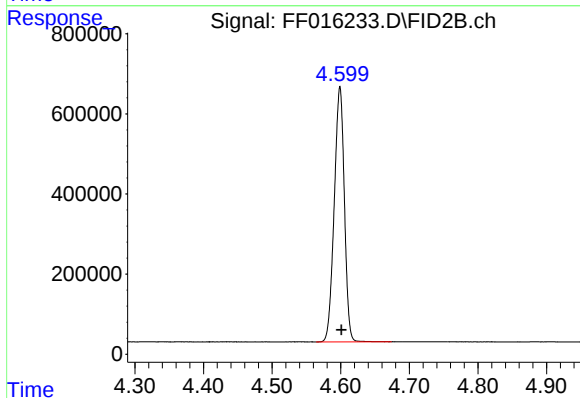




#1 N-OCTANE

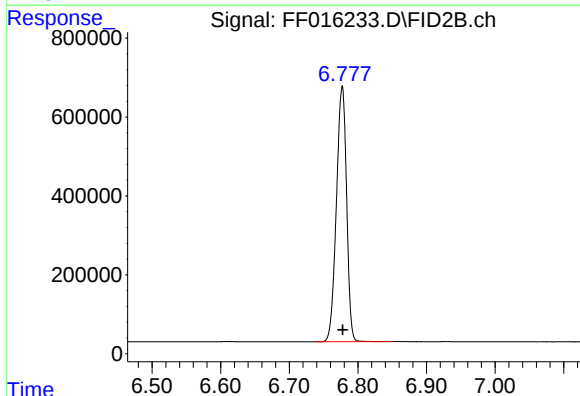
R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 6159615
Conc: 54.14 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



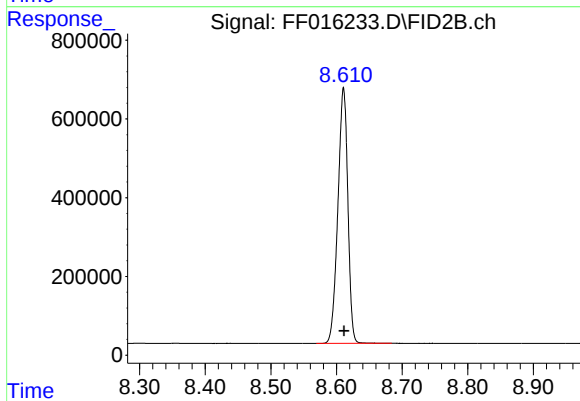
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 6537516
Conc: 56.15 ug/ml



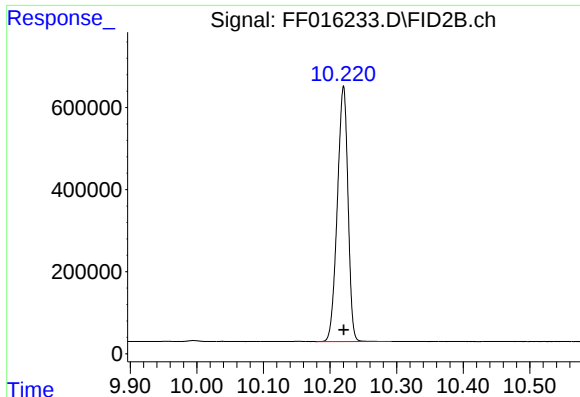
#3 N-DODECANE

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 6679551
Conc: 56.54 ug/ml



#4 N-TETRADECANE

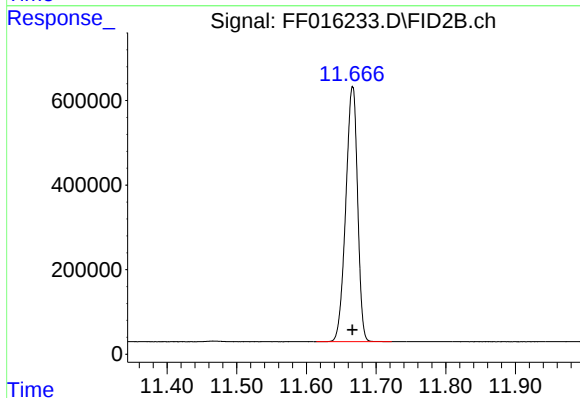
R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 6839856
Conc: 56.57 ug/ml



#5 N-HEXADECANE

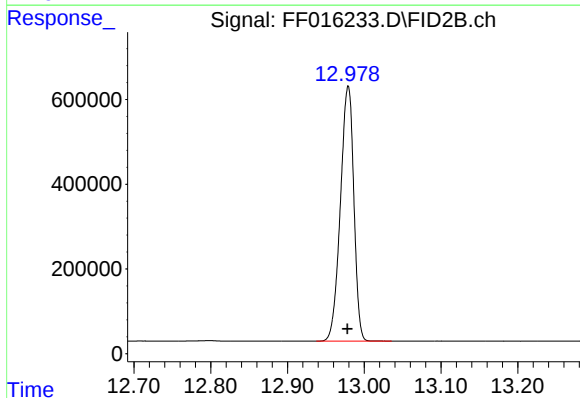
R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 6903753
Conc: 56.80 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



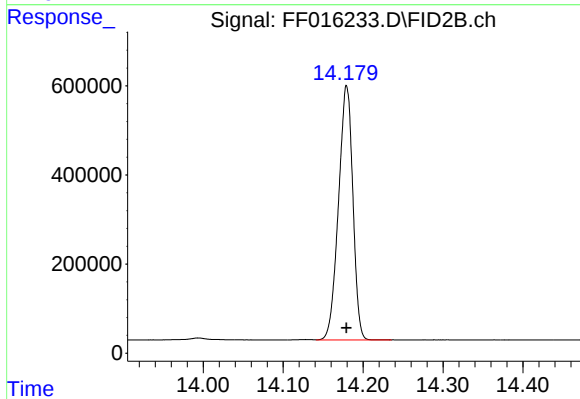
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 7104022
Conc: 56.76 ug/ml



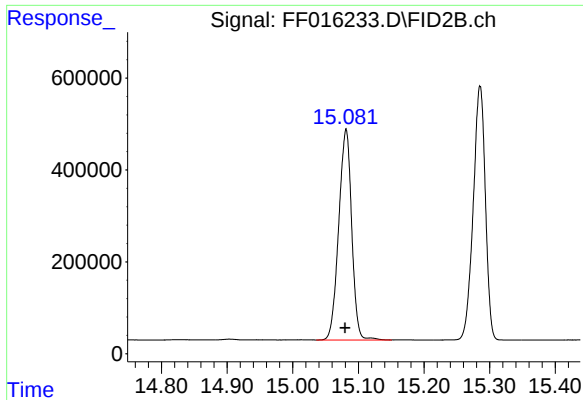
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 7310983
Conc: 56.50 ug/ml



#8 N-DOCOSANE

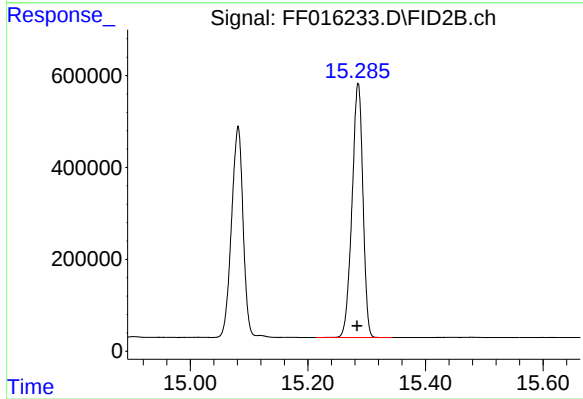
R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 7119087
Conc: 56.31 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

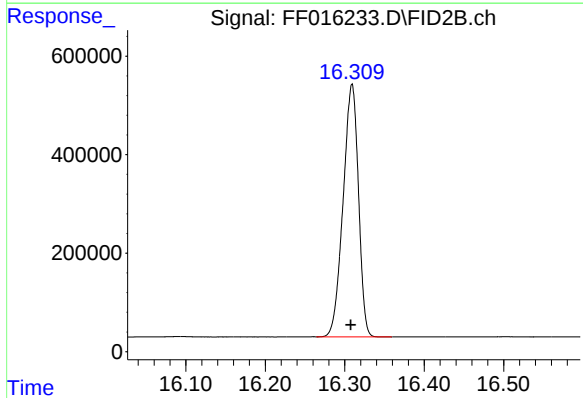
R.T.: 15.081 min
Delta R.T.: 0.002 min
Response: 6293424
Conc: 56.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



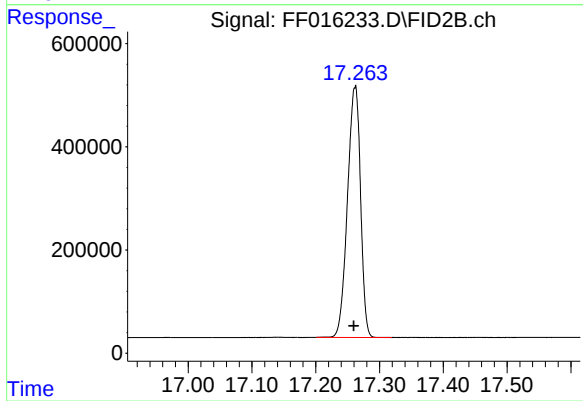
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: 0.002 min
Response: 7109878
Conc: 56.10 ug/ml



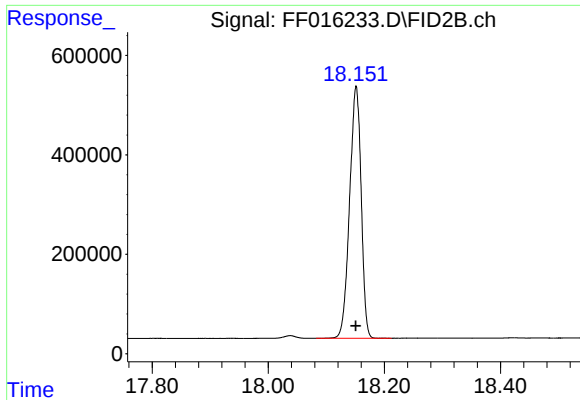
#11 N-HEXACOSANE

R.T.: 16.309 min
Delta R.T.: 0.002 min
Response: 6890251
Conc: 55.66 ug/ml



#12 N-OCTACOSANE

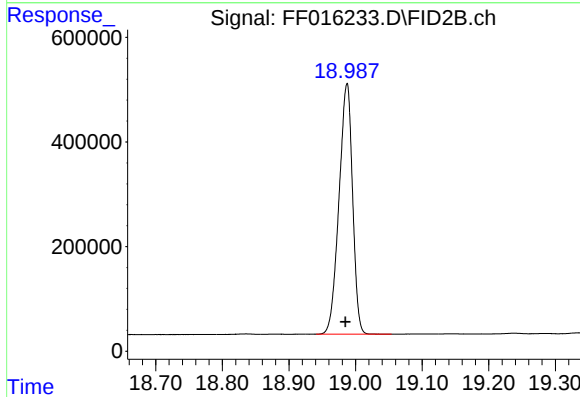
R.T.: 17.262 min
Delta R.T.: 0.002 min
Response: 6918889
Conc: 55.28 ug/ml



#13 N-TRIACONTANE

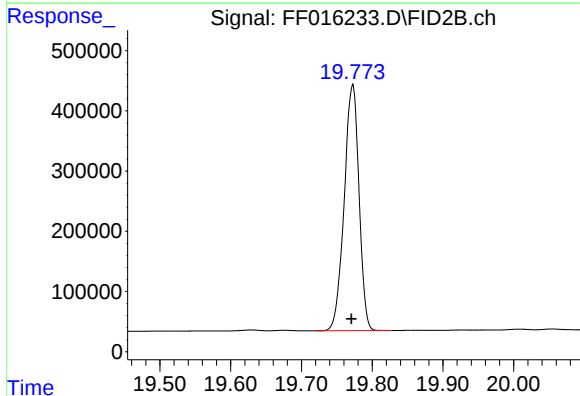
R.T.: 18.151 min
Delta R.T.: 0.000 min
Response: 7003631
Conc: 54.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



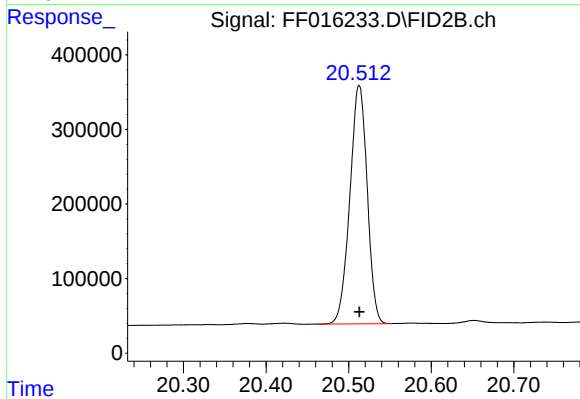
#14 N-DOTRIACONTANE

R.T.: 18.987 min
Delta R.T.: 0.003 min
Response: 6771257
Conc: 54.41 ug/ml



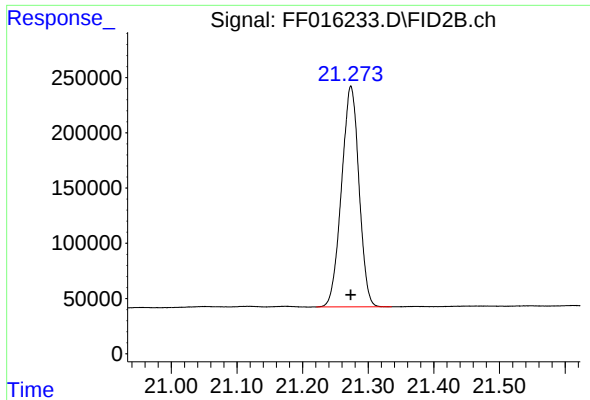
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.002 min
Response: 5951379
Conc: 53.18 ug/ml



#16 N-HEXATRIACONTANE

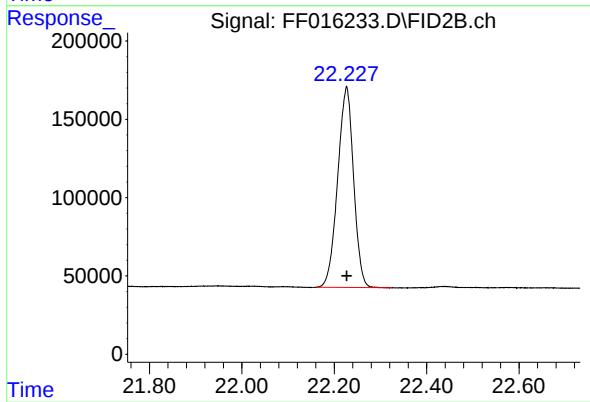
R.T.: 20.513 min
Delta R.T.: 0.000 min
Response: 4662210
Conc: 50.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.274 min
Delta R.T.: 0.000 min
Response: 3697704
Conc: 48.40 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.227 min
Delta R.T.: 0.000 min
Response: 3062071
Conc: 46.61 ug/ml