

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016230.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 17:27
 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 26 18:27:19 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...	15.080	5980306	53.577 ug/ml
Target Compounds			
1) N-OCTANE	2.057	5975064	52.520 ug/ml
2) N-DECANE	4.597	6270830	53.862 ug/ml
3) N-DODECANE	6.775	6380895	54.016 ug/ml
4) N-TETRADECANE	8.610	6507356	53.823 ug/ml
5) N-HEXADECANE	10.219	6548863	53.882 ug/ml
6) N-OCTADECANE	11.665	6738496	53.840 ug/ml
7) N-EICOSANE	12.977	6940564	53.639 ug/ml
8) N-DOCOSANE	14.179	6772323	53.567 ug/ml
10) N-TETRACOSANE	15.285	6769492	53.413 ug/ml
11) N-HEXACOSANE	16.308	6559894	52.992 ug/ml
12) N-OCTACOSANE	17.260	6549769	52.329 ug/ml
13) N-TRIACONTANE	18.151	6598372	51.655 ug/ml
14) N-DOTRIACONTANE	18.986	6355730	51.066 ug/ml
15) N-TETRATRIACONTANE	19.772	5582102	49.876 ug/ml
16) N-HEXATRIACONTANE	20.514	4385204	47.655 ug/ml
17) N-OCTATRIACONTANE	21.273	3497908	45.788 ug/ml
18) N-TETRACONTANE	22.225	2933773	44.654 ug/ml

(f)=RT Delta > 1/2 Window

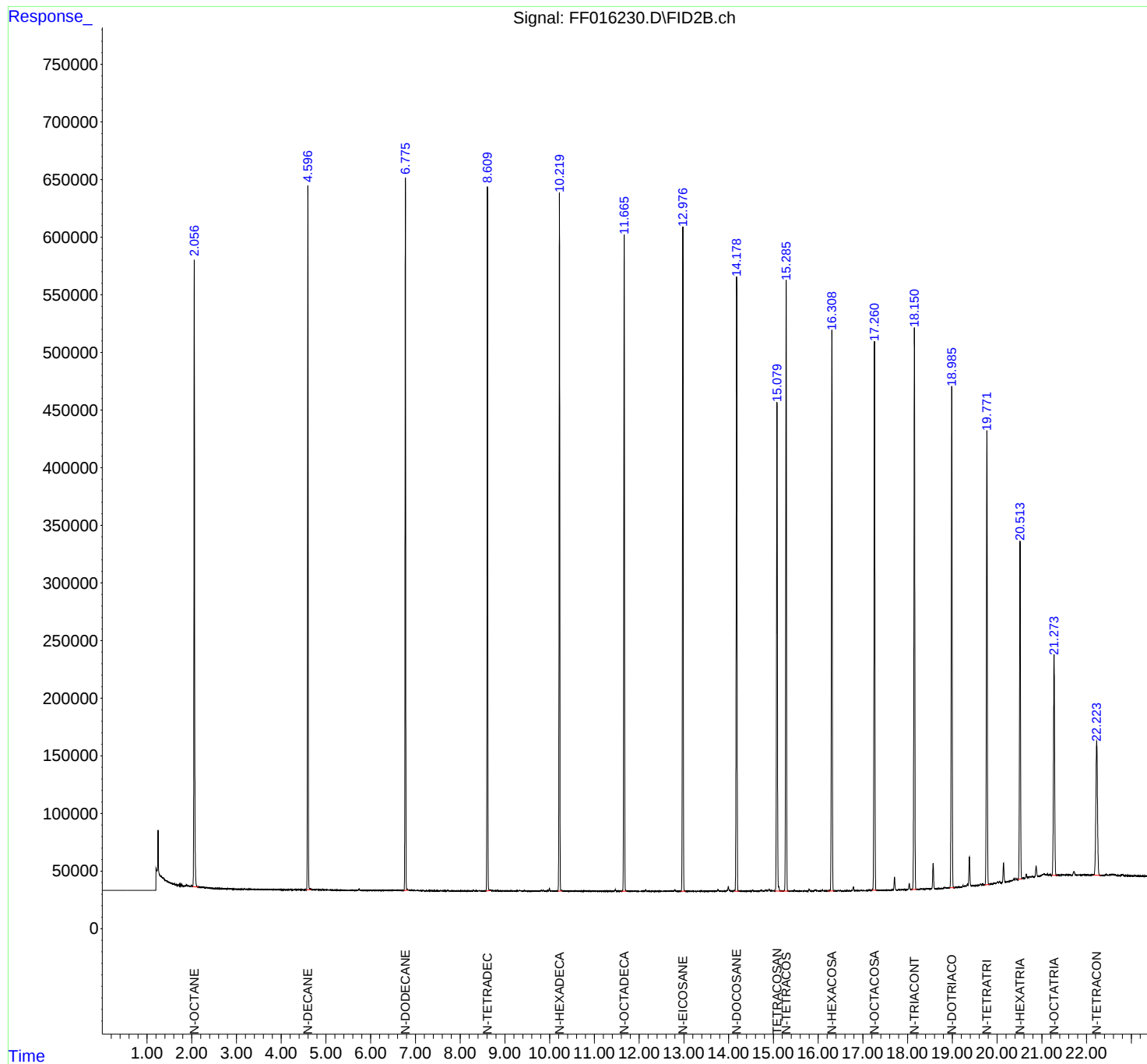
(m)=manual int.

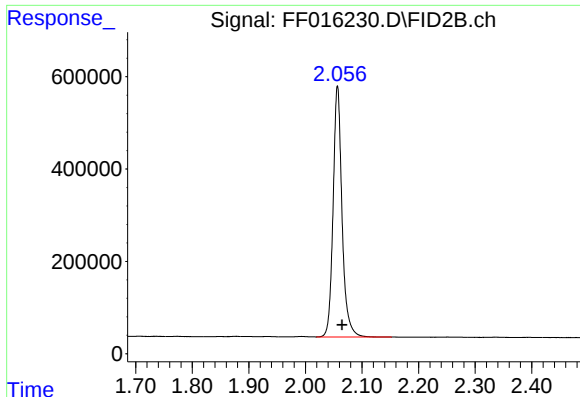
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
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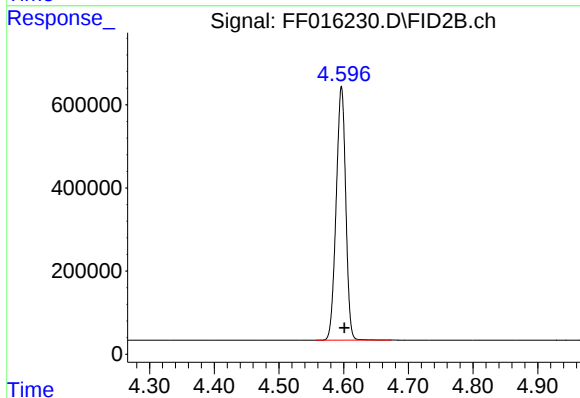




#1 N-OCTANE

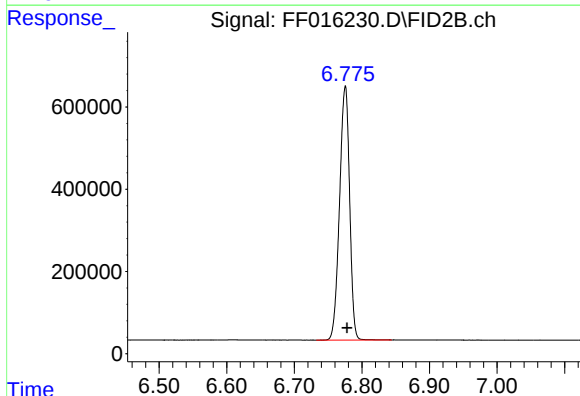
R.T.: 2.057 min
Delta R.T.: -0.008 min
Response: 5975064
Conc: 52.52 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



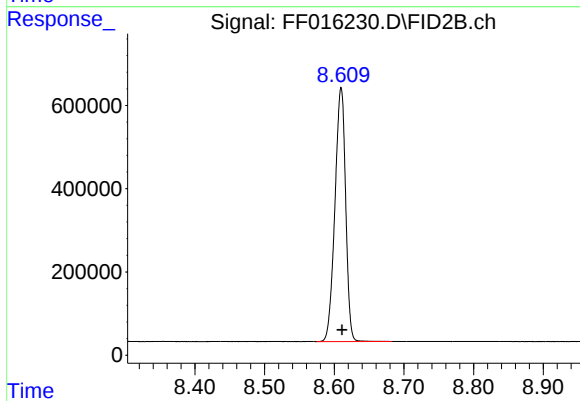
#2 N-DECANE

R.T.: 4.597 min
Delta R.T.: -0.004 min
Response: 6270830
Conc: 53.86 ug/ml



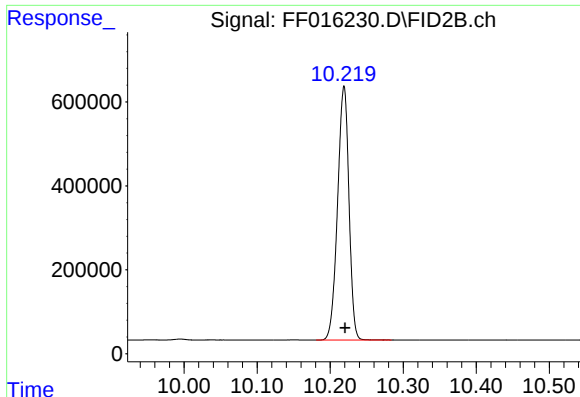
#3 N-DODECANE

R.T.: 6.775 min
Delta R.T.: -0.002 min
Response: 6380895
Conc: 54.02 ug/ml



#4 N-TETRADECANE

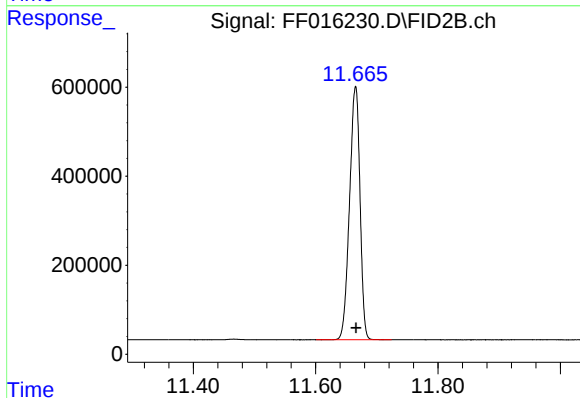
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 6507356
Conc: 53.82 ug/ml



#5 N-HEXADECANE

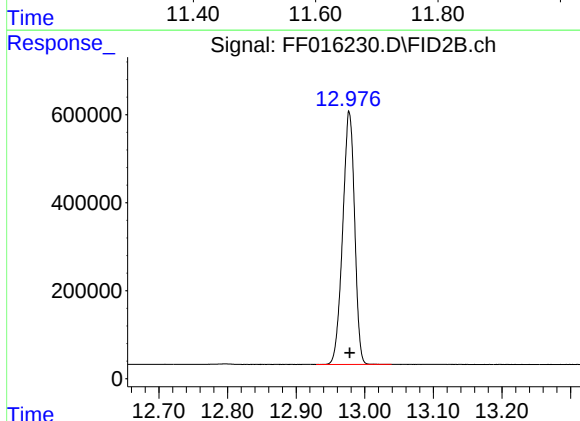
R.T.: 10.219 min
Delta R.T.: -0.002 min
Response: 6548863
Conc: 53.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



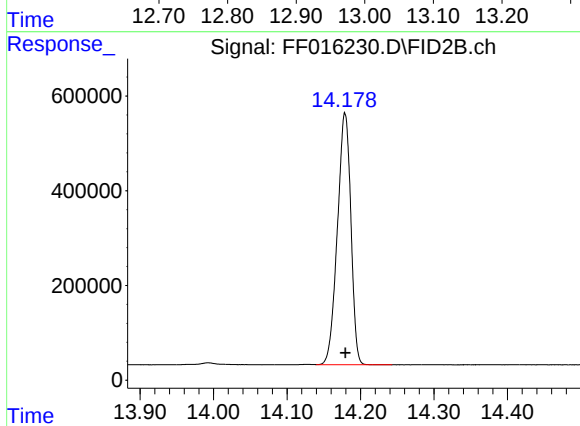
#6 N-OCTADECANE

R.T.: 11.665 min
Delta R.T.: 0.000 min
Response: 6738496
Conc: 53.84 ug/ml



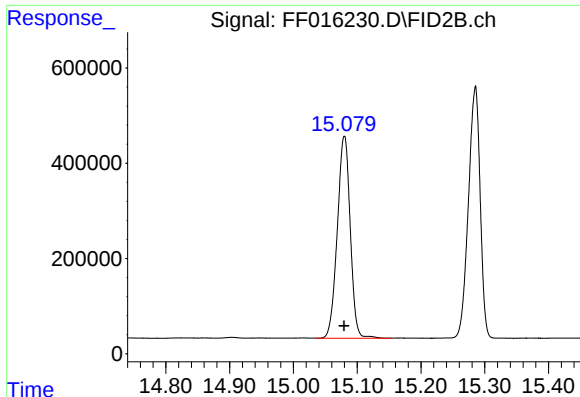
#7 N-EICOSANE

R.T.: 12.977 min
Delta R.T.: 0.000 min
Response: 6940564
Conc: 53.64 ug/ml



#8 N-DOCOSANE

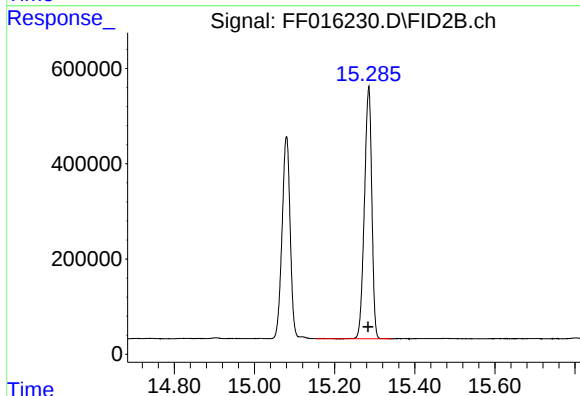
R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 6772323
Conc: 53.57 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

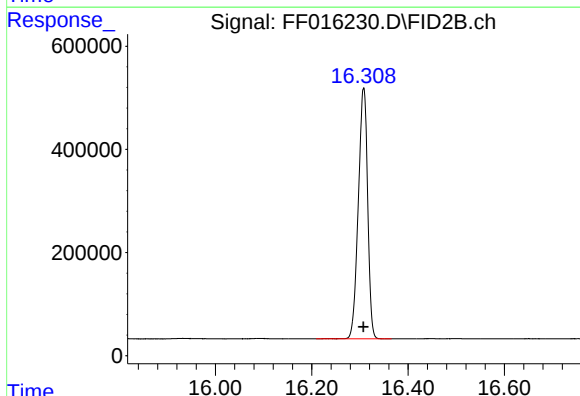
R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 5980306
Conc: 53.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



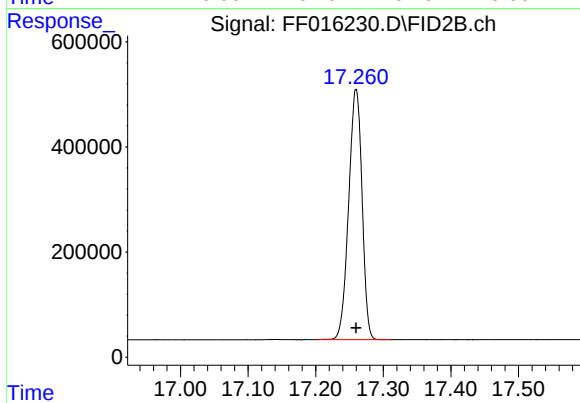
#10 N-TETRACOSANE

R.T.: 15.285 min
Delta R.T.: 0.002 min
Response: 6769492
Conc: 53.41 ug/ml



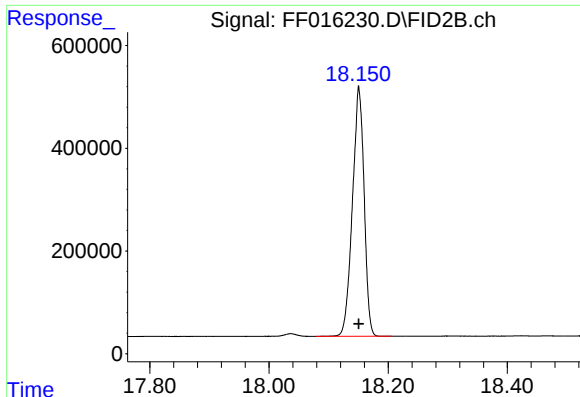
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 6559894
Conc: 52.99 ug/ml



#12 N-OCTACOSANE

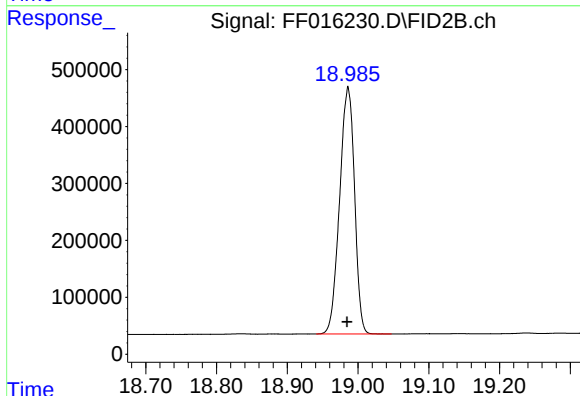
R.T.: 17.260 min
Delta R.T.: 0.000 min
Response: 6549769
Conc: 52.33 ug/ml



#13 N-TRIACONTANE

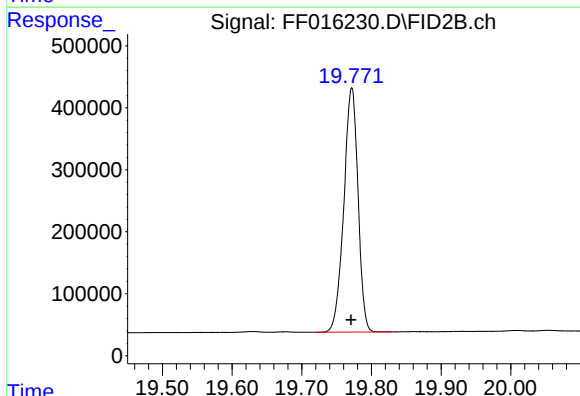
R.T.: 18.151 min
Delta R.T.: 0.000 min
Response: 6598372
Conc: 51.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



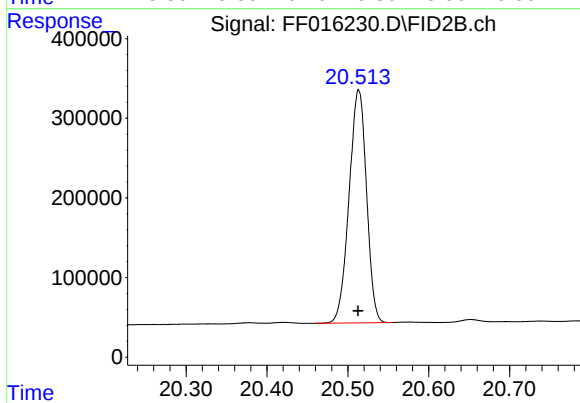
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.001 min
Response: 6355730
Conc: 51.07 ug/ml



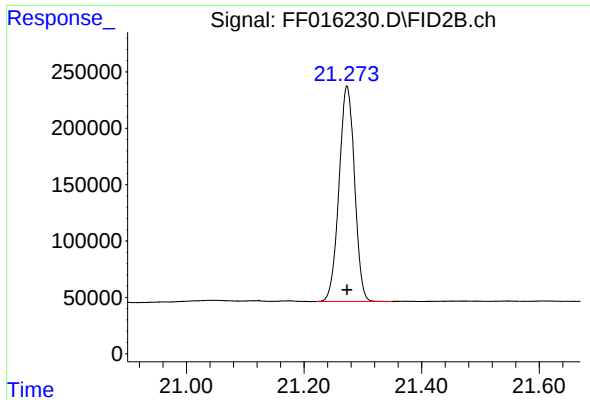
#15 N-TETRATRIACONTANE

R.T.: 19.772 min
Delta R.T.: 0.001 min
Response: 5582102
Conc: 49.88 ug/ml



#16 N-HEXATRIACONTANE

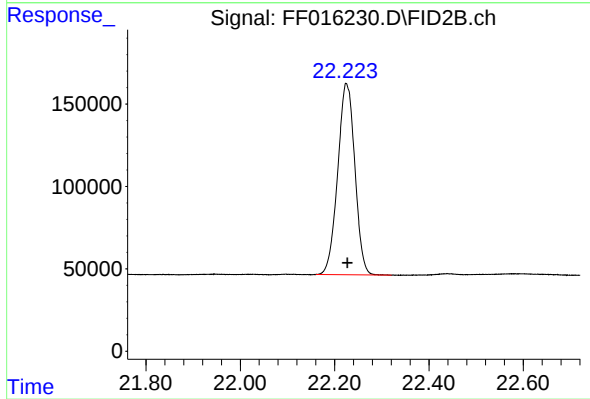
R.T.: 20.514 min
Delta R.T.: 0.000 min
Response: 4385204
Conc: 47.65 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.273 min
Delta R.T.: 0.000 min
Response: 3497908
Conc: 45.79 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.225 min
Delta R.T.: -0.002 min
Response: 2933773
Conc: 44.65 ug/ml