

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082625\
 Data File : FF016219.D
 Signal(s) : FID2B.ch
 Acq On : 26 Aug 2025 09:24
 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 09:44:42 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	5833151	52.259 ug/ml
Target Compounds			
1) N-OCTANE	2.059	5829048	51.237 ug/ml
2) N-DECANE	4.599	6125669	52.615 ug/ml
3) N-DODECANE	6.777	6238193	52.808 ug/ml
4) N-TETRADECANE	8.611	6364610	52.642 ug/ml
5) N-HEXADECANE	10.220	6406112	52.707 ug/ml
6) N-OCTADECANE	11.666	6592571	52.674 ug/ml
7) N-EICOSANE	12.979	6792082	52.491 ug/ml
8) N-DOCOSANE	14.179	6634924	52.481 ug/ml
10) N-TETRACOSANE	15.286	6647848	52.453 ug/ml
11) N-HEXACOSANE	16.308	6468854	52.256 ug/ml
12) N-OCTACOSANE	17.263	6482797	51.794 ug/ml
13) N-TRIACONTANE	18.153	6546510	51.249 ug/ml
14) N-DOTRIACONTANE	18.986	6312867	50.722 ug/ml
15) N-TETRATRIACONTANE	19.773	5551790	49.605 ug/ml
16) N-HEXATRIACONTANE	20.514	4361484	47.397 ug/ml
17) N-OCTATRIACONTANE	21.275	3475148	45.490 ug/ml
18) N-TETRACONTANE	22.223	2895727	44.075 ug/ml

(f)=RT Delta > 1/2 Window

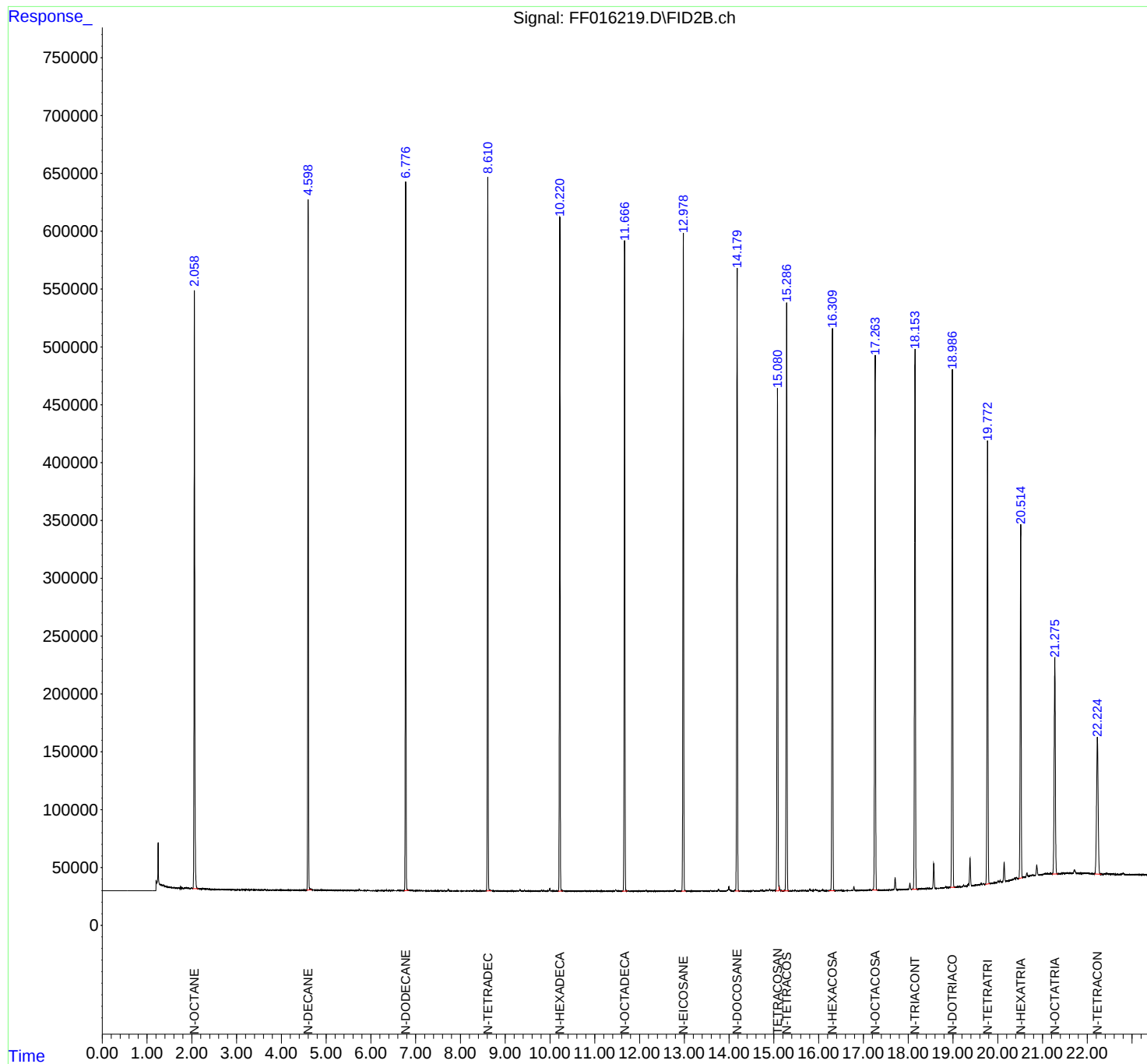
(m)=manual int.

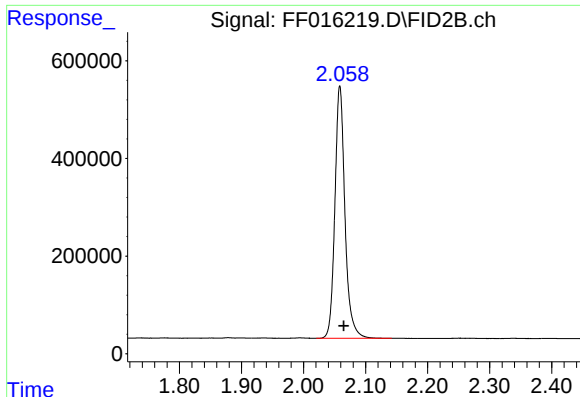
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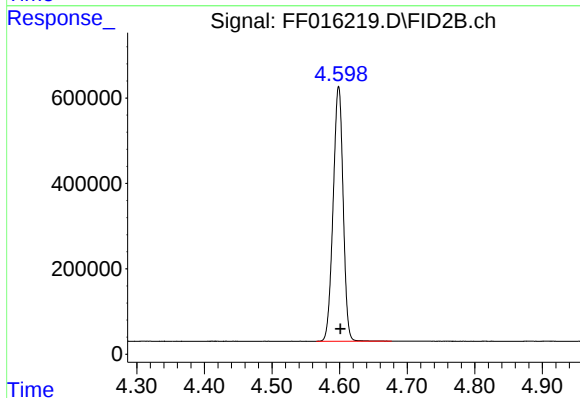




#1 N-OCTANE

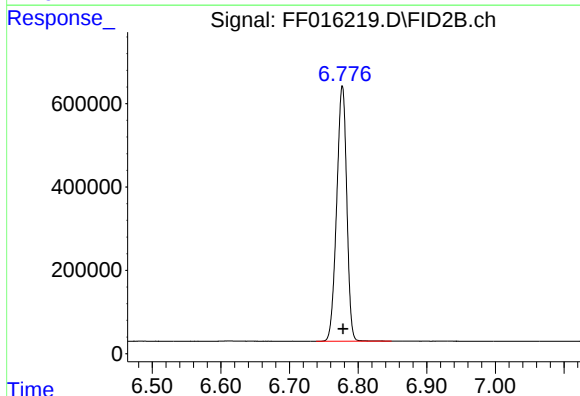
R.T.: 2.059 min
Delta R.T.: -0.006 min
Response: 5829048
Conc: 51.24 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



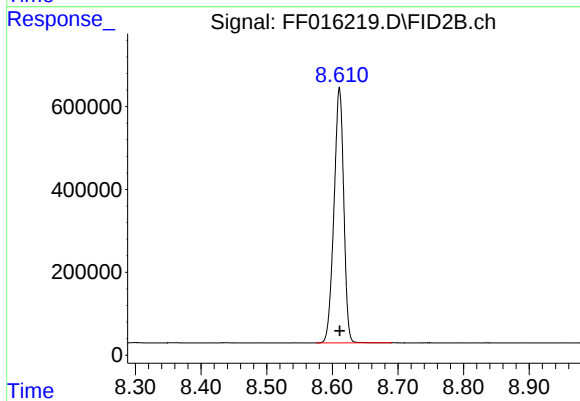
#2 N-DECANE

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 6125669
Conc: 52.61 ug/ml



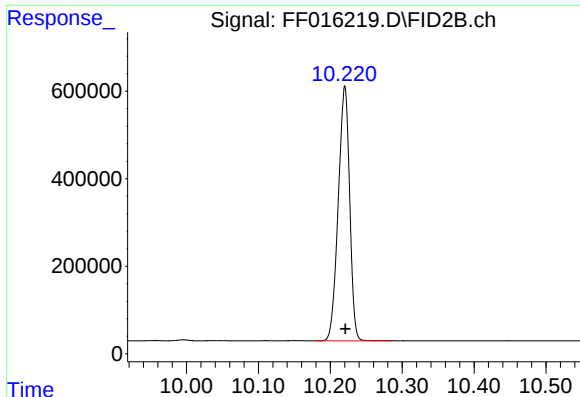
#3 N-DODECANE

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 6238193
Conc: 52.81 ug/ml



#4 N-TETRADECANE

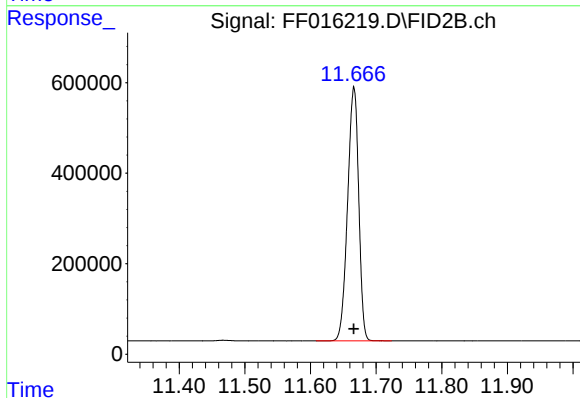
R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 6364610
Conc: 52.64 ug/ml



#5 N-HEXADECANE

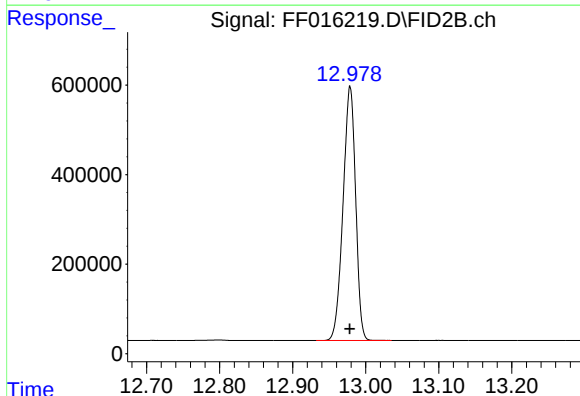
R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 6406112
Conc: 52.71 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



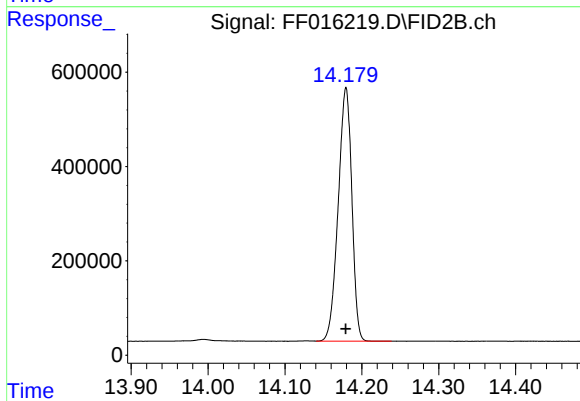
#6 N-OCTADECANE

R.T.: 11.666 min
Delta R.T.: 0.000 min
Response: 6592571
Conc: 52.67 ug/ml



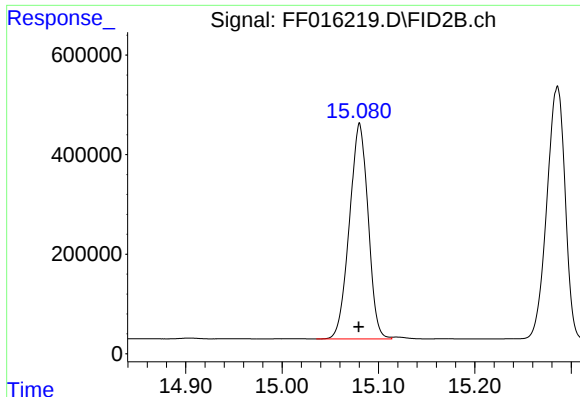
#7 N-EICOSANE

R.T.: 12.979 min
Delta R.T.: 0.000 min
Response: 6792082
Conc: 52.49 ug/ml



#8 N-DOCOSANE

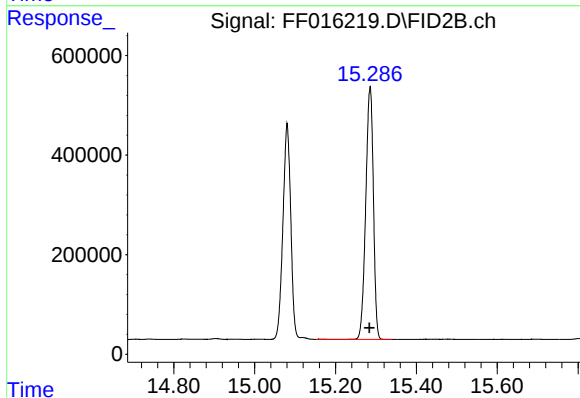
R.T.: 14.179 min
Delta R.T.: 0.000 min
Response: 6634924
Conc: 52.48 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

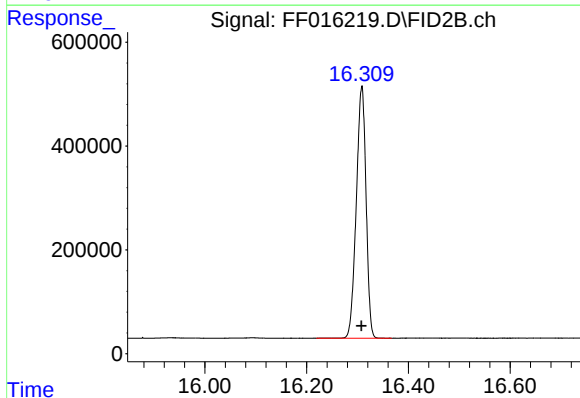
R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 5833151
Conc: 52.26 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



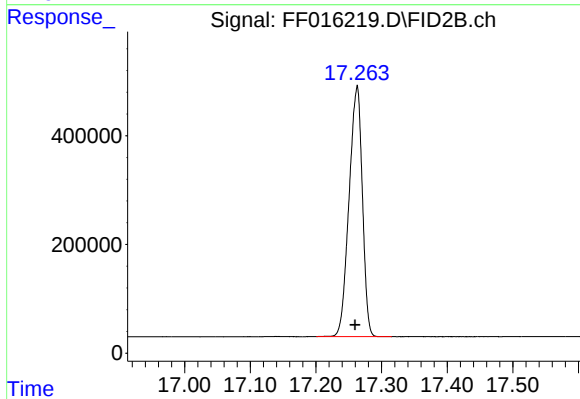
#10 N-TETRACOSANE

R.T.: 15.286 min
Delta R.T.: 0.002 min
Response: 6647848
Conc: 52.45 ug/ml



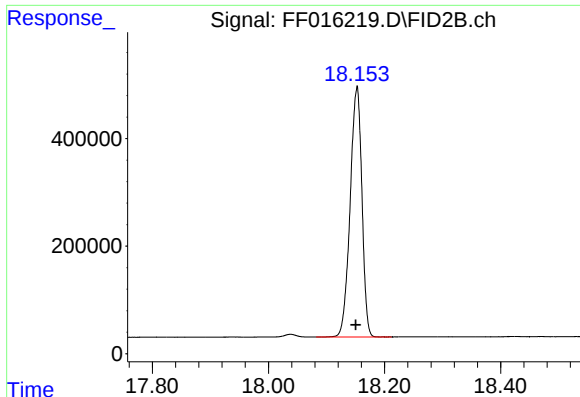
#11 N-HEXACOSANE

R.T.: 16.308 min
Delta R.T.: 0.000 min
Response: 6468854
Conc: 52.26 ug/ml



#12 N-OCTACOSANE

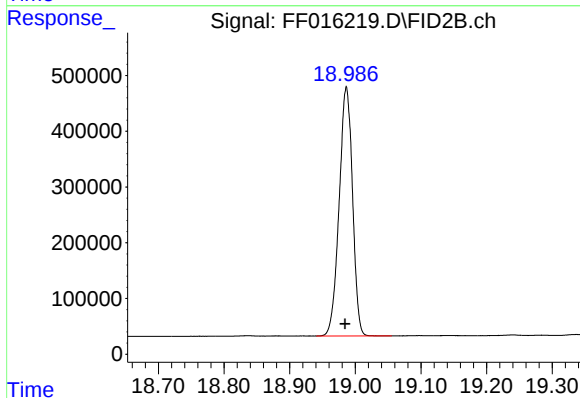
R.T.: 17.263 min
Delta R.T.: 0.003 min
Response: 6482797
Conc: 51.79 ug/ml



#13 N-TRIACONTANE

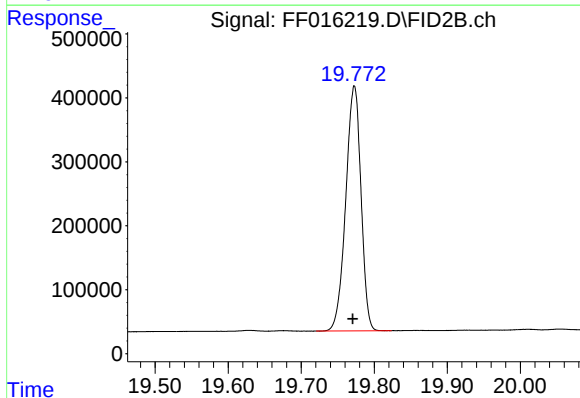
R.T.: 18.153 min
Delta R.T.: 0.002 min
Response: 6546510
Conc: 51.25 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



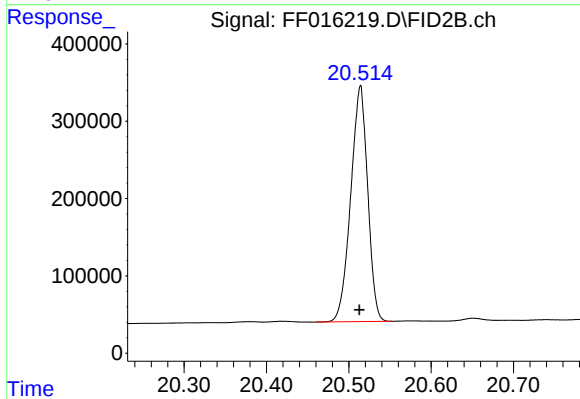
#14 N-DOTRIACONTANE

R.T.: 18.986 min
Delta R.T.: 0.002 min
Response: 6312867
Conc: 50.72 ug/ml



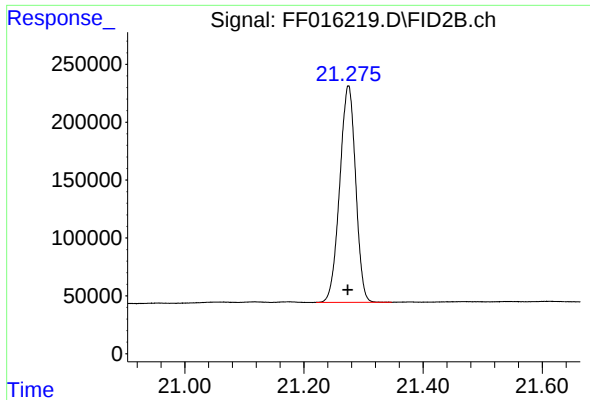
#15 N-TETRATRIACONTANE

R.T.: 19.773 min
Delta R.T.: 0.002 min
Response: 5551790
Conc: 49.61 ug/ml



#16 N-HEXATRIACONTANE

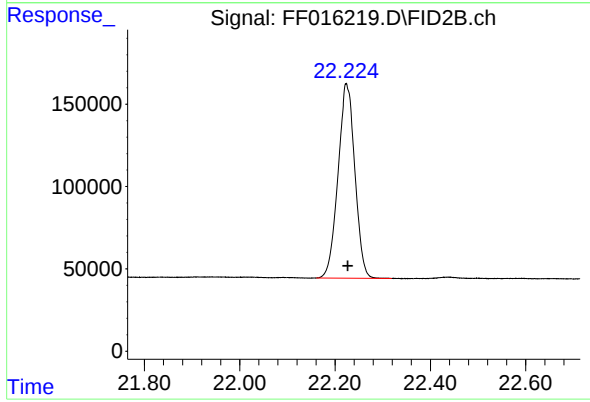
R.T.: 20.514 min
Delta R.T.: 0.001 min
Response: 4361484
Conc: 47.40 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.275 min
Delta R.T.: 0.001 min
Response: 3475148
Conc: 45.49 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.223 min
Delta R.T.: -0.003 min
Response: 2895727
Conc: 44.07 ug/ml