

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF103025\
 Data File : FF016632.D
 Signal(s) : FID2B.ch
 Acq On : 30 Oct 2025 11:23
 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: Oct 31 02:19:49 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...	15.058	4863197	46.549 ug/ml
Target Compounds			
1) N-OCTANE	2.039	5130934	46.227 ug/ml
2) N-DECANE	4.574	5190161	46.907 ug/ml
3) N-DODECANE	6.753	5240413	47.174 ug/ml
4) N-TETRADECANE	8.586	5318144	47.605 ug/ml
5) N-HEXADECANE	10.195	5341028	47.536 ug/ml
6) N-OCTADECANE	11.640	5490567	46.917 ug/ml
7) N-EICOSANE	12.955	5671399	46.446 ug/ml
8) N-DOCOSANE	14.155	5533705	46.422 ug/ml
10) N-TETRACOSANE	15.262	5528170	46.655 ug/ml
11) N-HEXACOSANE	16.288	5364115	46.694 ug/ml
12) N-OCTACOSANE	17.241	5301095	46.519 ug/ml
13) N-TRIACONTANE	18.131	5221371	46.471 ug/ml
14) N-DOTRIACONTANE	18.968	4947461	46.153 ug/ml
15) N-TETRATRIACONTANE	19.755	4560348	46.410 ug/ml
16) N-HEXATRIACONTANE	20.498	4002518	46.808 ug/ml
17) N-OCTATRIACONTANE	21.255	3594228	46.829 ug/ml
18) N-TETRACONTANE	22.203	3255843	47.706 ug/ml

(f)=RT Delta > 1/2 Window

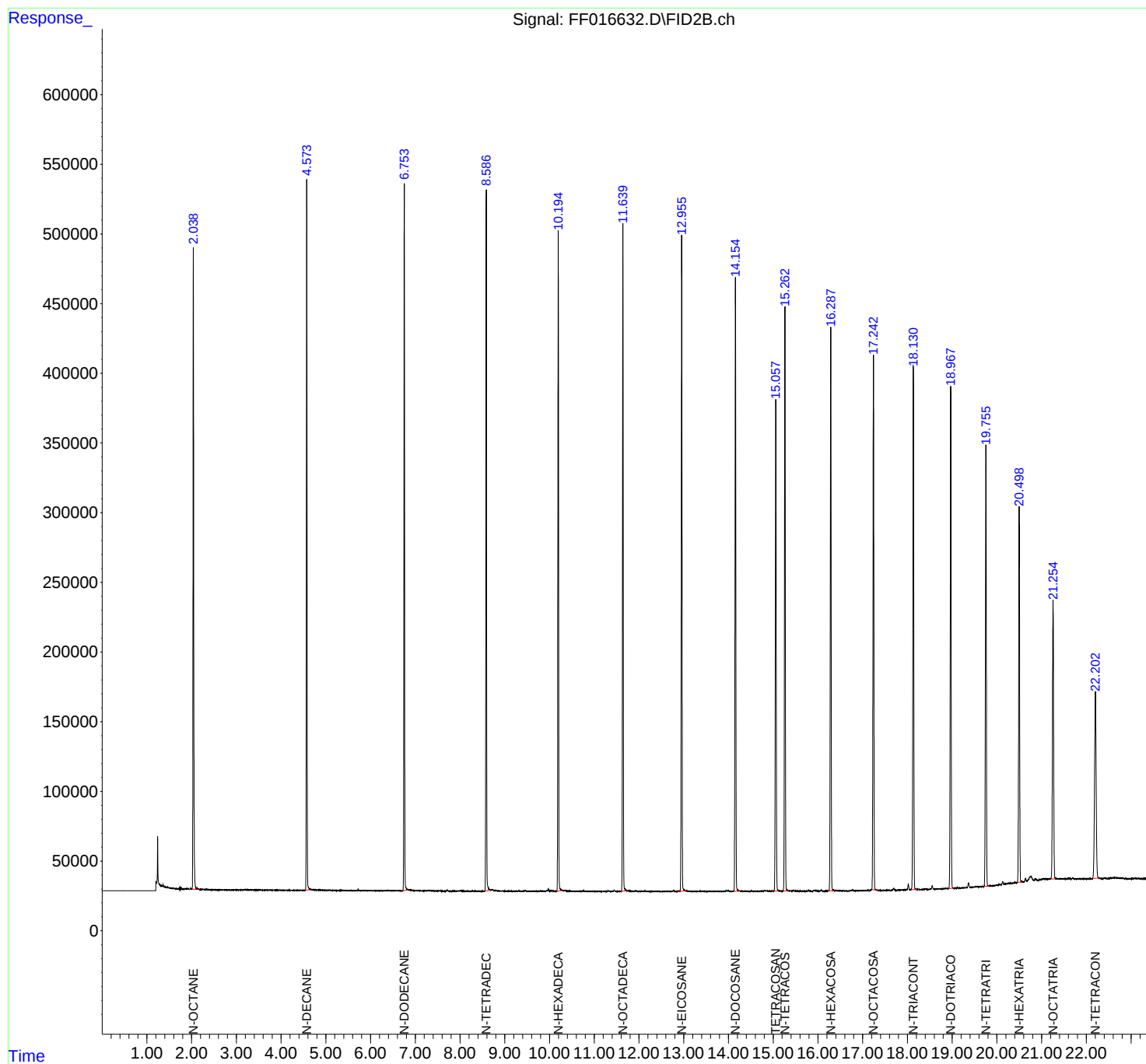
(m)=manual int.

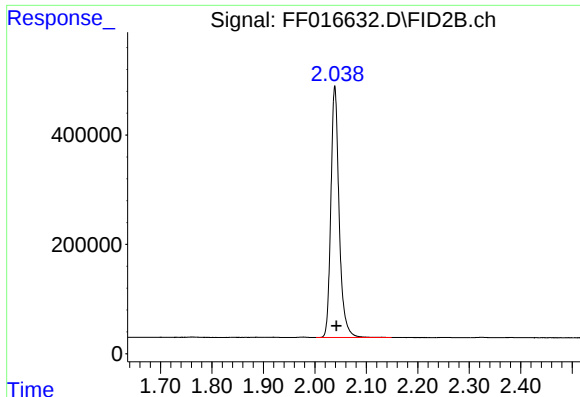
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Signal Info : 20mx0.18mmx0.18um

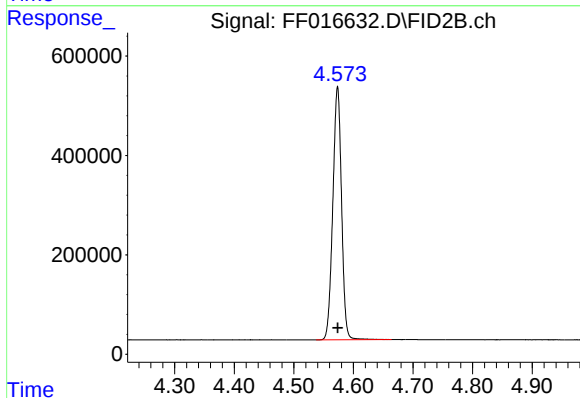




#1 N-OCTANE

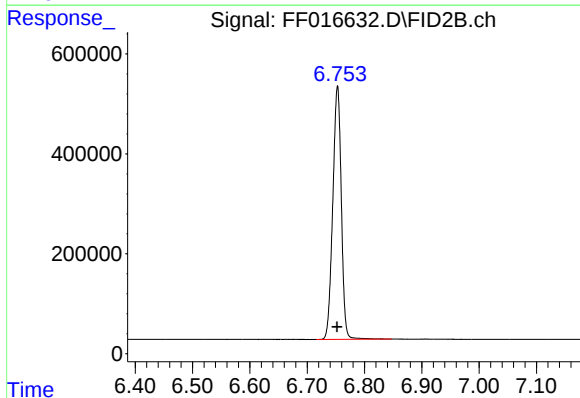
R.T.: 2.039 min
Delta R.T.: -0.003 min
Response: 5130934
Conc: 46.23 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



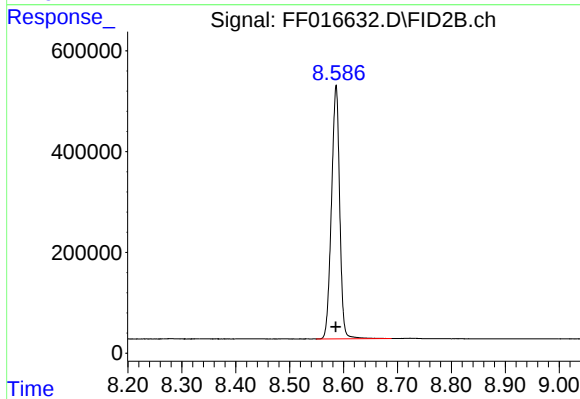
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 5190161
Conc: 46.91 ug/ml



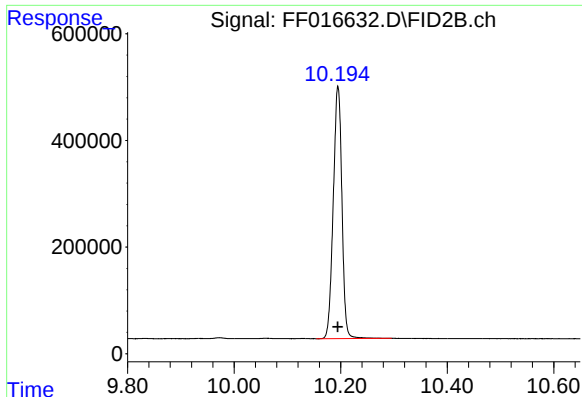
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 5240413
Conc: 47.17 ug/ml



#4 N-TETRADECANE

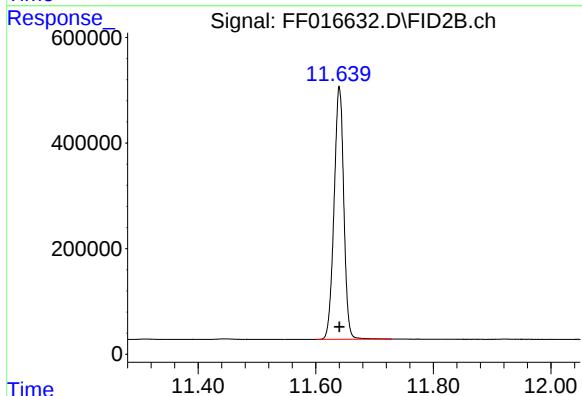
R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 5318144
Conc: 47.61 ug/ml



#5 N-HEXADECANE

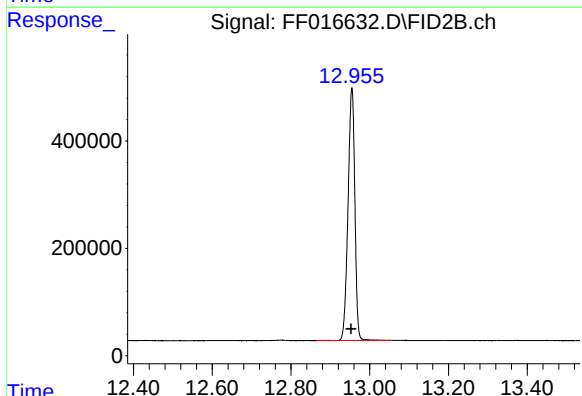
R.T.: 10.195 min
Delta R.T.: 0.000 min
Response: 5341028
Conc: 47.54 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



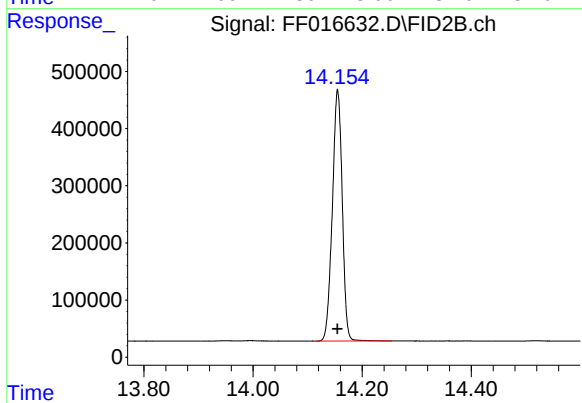
#6 N-OCTADECANE

R.T.: 11.640 min
Delta R.T.: 0.000 min
Response: 5490567
Conc: 46.92 ug/ml



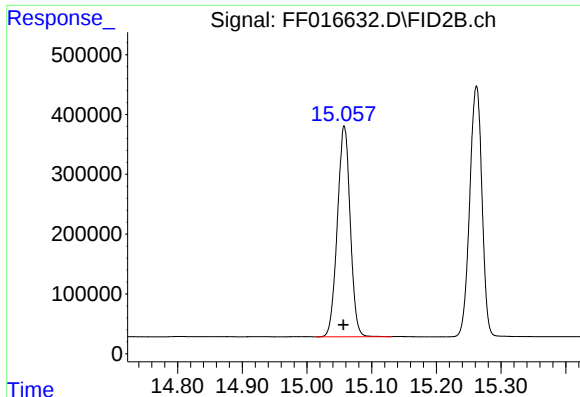
#7 N-EICOSANE

R.T.: 12.955 min
Delta R.T.: 0.002 min
Response: 5671399
Conc: 46.45 ug/ml



#8 N-DOCOSANE

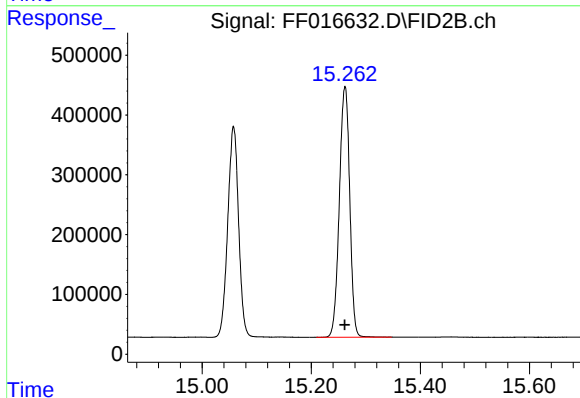
R.T.: 14.155 min
Delta R.T.: 0.000 min
Response: 5533705
Conc: 46.42 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

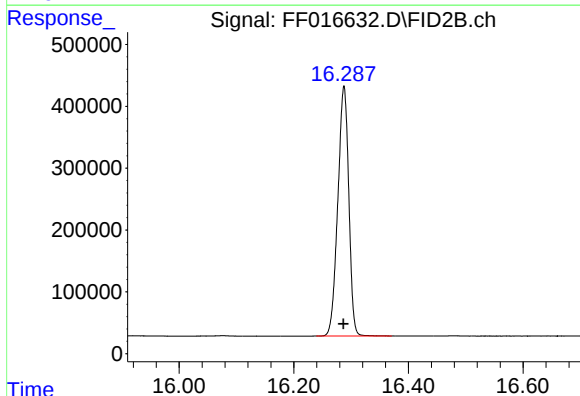
R.T.: 15.058 min
Delta R.T.: 0.002 min
Response: 4863197
Conc: 46.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



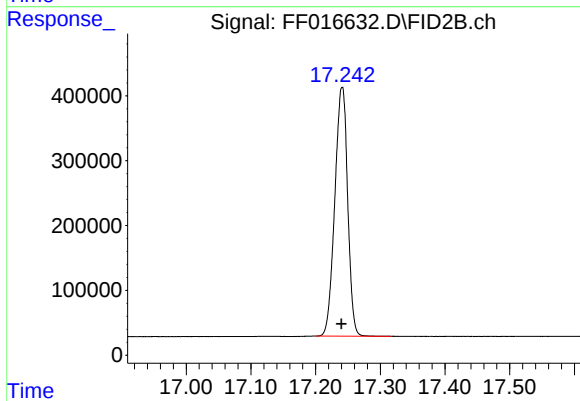
#10 N-TETRACOSANE

R.T.: 15.262 min
Delta R.T.: 0.000 min
Response: 5528170
Conc: 46.66 ug/ml



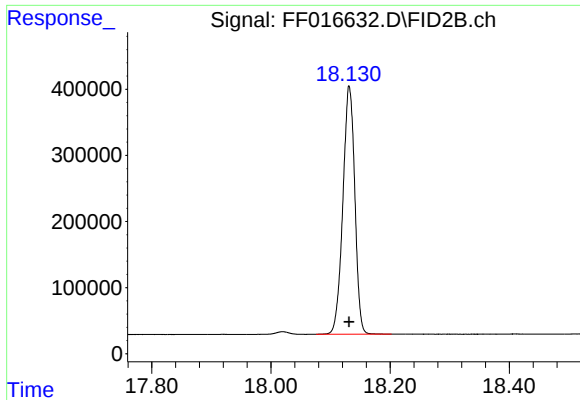
#11 N-HEXACOSANE

R.T.: 16.288 min
Delta R.T.: 0.001 min
Response: 5364115
Conc: 46.69 ug/ml



#12 N-OCTACOSANE

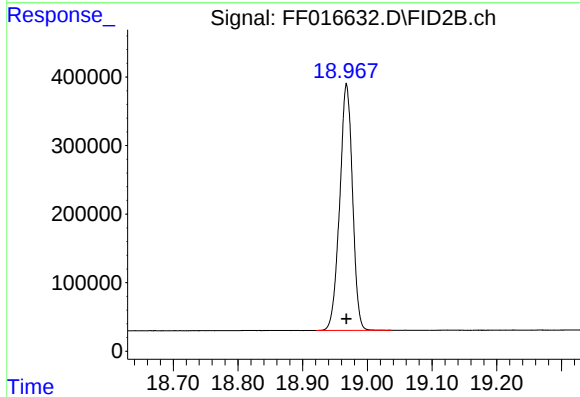
R.T.: 17.241 min
Delta R.T.: 0.000 min
Response: 5301095
Conc: 46.52 ug/ml



#13 N-TRIACONTANE

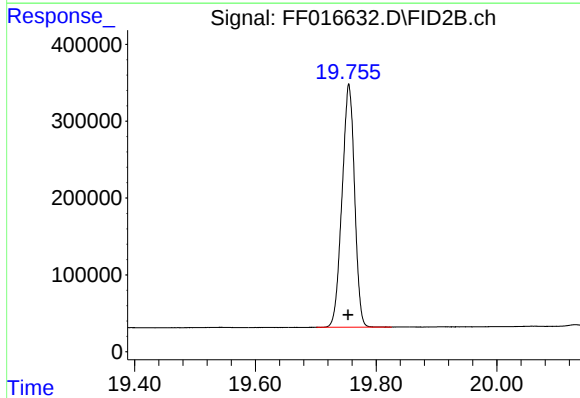
R.T.: 18.131 min
Delta R.T.: 0.000 min
Response: 5221371
Conc: 46.47 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



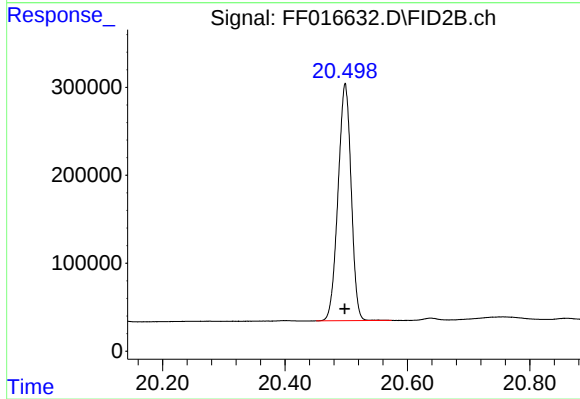
#14 N-DOTRIACONTANE

R.T.: 18.968 min
Delta R.T.: 0.000 min
Response: 4947461
Conc: 46.15 ug/ml



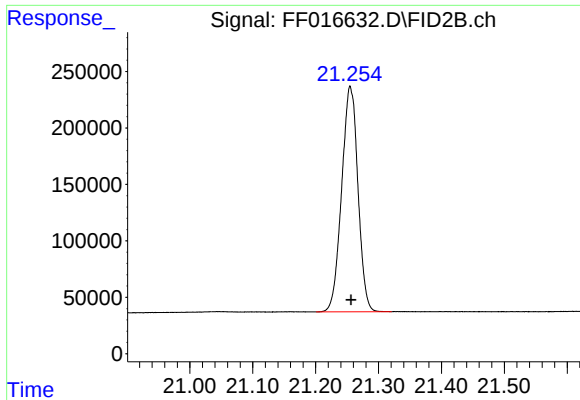
#15 N-TETRATRIACONTANE

R.T.: 19.755 min
Delta R.T.: 0.001 min
Response: 4560348
Conc: 46.41 ug/ml



#16 N-HEXATRIACONTANE

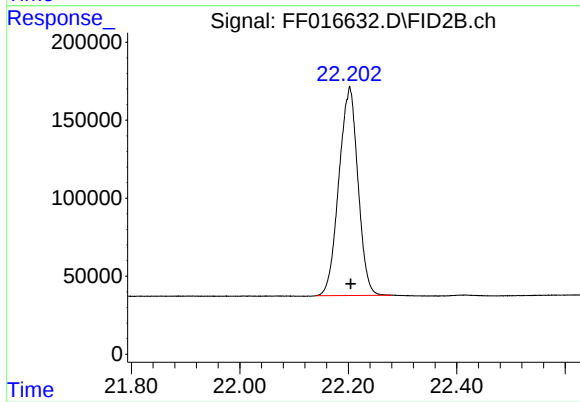
R.T.: 20.498 min
Delta R.T.: 0.000 min
Response: 4002518
Conc: 46.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.255 min
Delta R.T.: -0.002 min
Response: 3594228
Conc: 46.83 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.203 min
Delta R.T.: -0.002 min
Response: 3255843
Conc: 47.71 ug/ml