

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071425\
 Data File : FF016148.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jul 2025 12:49
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 14 14:17:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.096	5512614	56.612 ug/ml
Target Compounds			
1) N-OCTANE	2.069	6885979	55.205 ug/ml
2) N-DECANE	4.613	7144736	57.409 ug/ml
3) N-DODECANE	6.790	7051131	57.865 ug/ml
4) N-TETRADECANE	8.625	6838059	56.879 ug/ml
5) N-HEXADECANE	10.235	6658359	57.240 ug/ml
6) N-OCTADECANE	11.681	6610096	56.882 ug/ml
7) N-EICOSANE	12.995	6501388	55.590 ug/ml
8) N-DOCOSANE	14.196	6244141	55.689 ug/ml
10) N-TETRACOSANE	15.302	6191797	55.827 ug/ml
11) N-HEXACOSANE	16.327	6108685	56.890 ug/ml
12) N-OCTACOSANE	17.279	6027563	56.053 ug/ml
13) N-TRIACONTANE	18.171	6094487	56.268 ug/ml
14) N-DOTRIACONTANE	19.006	5917966	56.435 ug/ml
15) N-TETRATRIACONTANE	19.792	5329607	55.552 ug/ml
16) N-HEXATRIACONTANE	20.533	4588447	55.002 ug/ml
17) N-OCTATRIACONTANE	21.300	4195378	56.967 ug/ml
18) N-TETRACONTANE	22.262	4004909	58.880 ug/ml

(f)=RT Delta > 1/2 Window

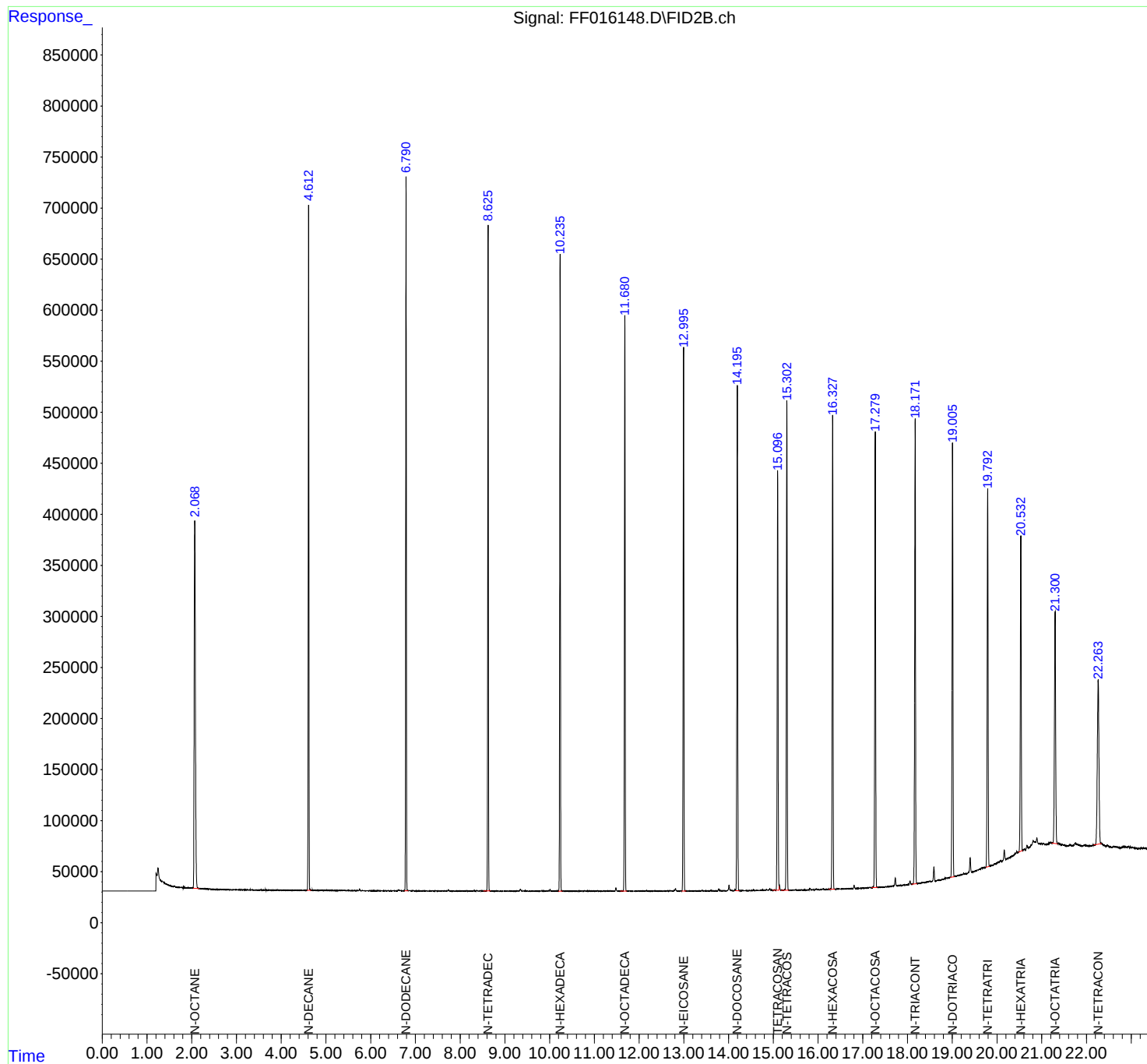
(m)=manual int.

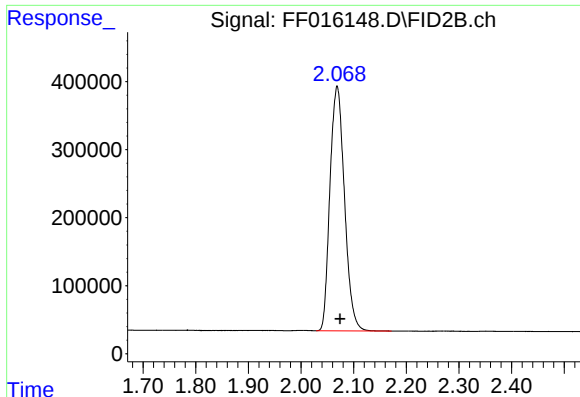
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Signal Info : 20mx0.18mmx0.18um

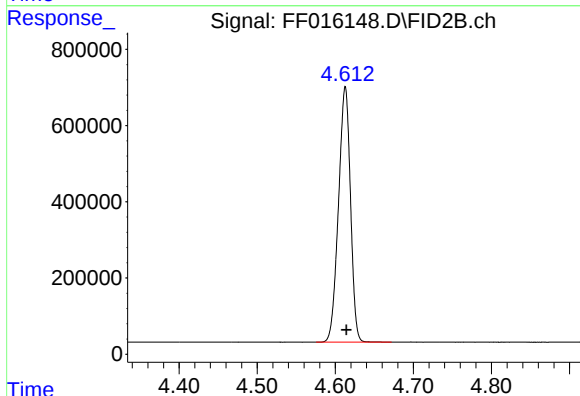




#1 N-OCTANE

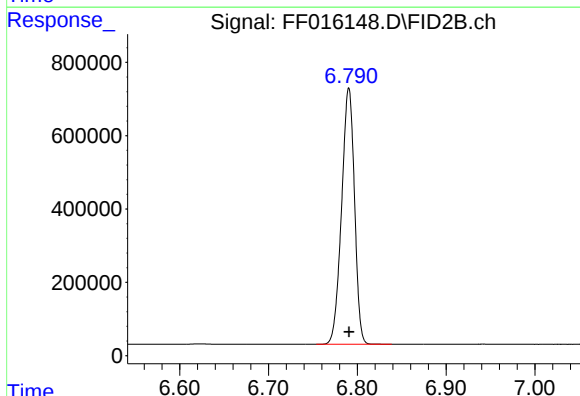
R.T.: 2.069 min
Delta R.T.: -0.005 min
Response: 6885979
Conc: 55.21 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



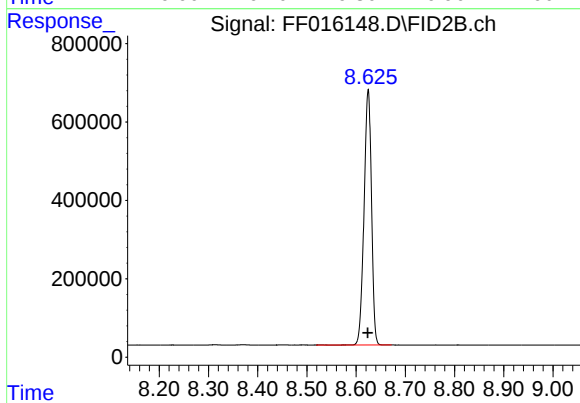
#2 N-DECANE

R.T.: 4.613 min
Delta R.T.: -0.001 min
Response: 7144736
Conc: 57.41 ug/ml



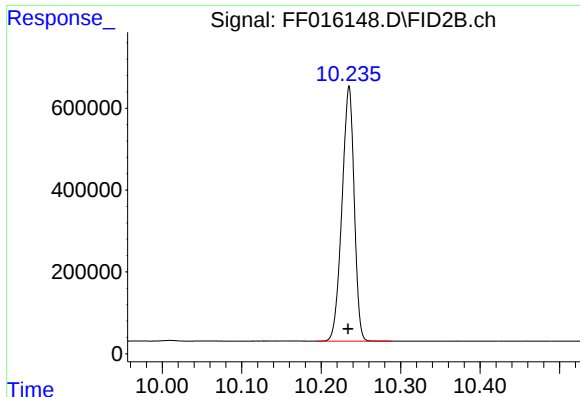
#3 N-DODECANE

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 7051131
Conc: 57.86 ug/ml



#4 N-TETRADECANE

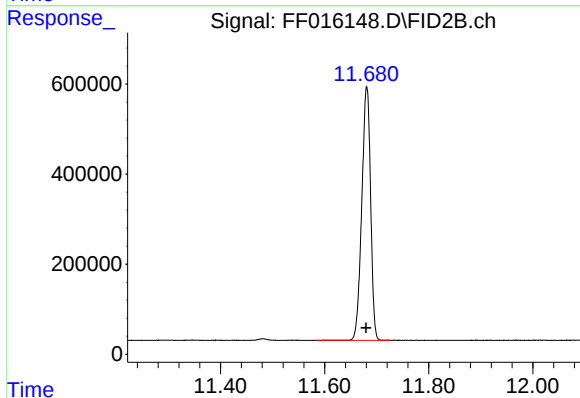
R.T.: 8.625 min
Delta R.T.: 0.000 min
Response: 6838059
Conc: 56.88 ug/ml



#5 N-HEXADECANE

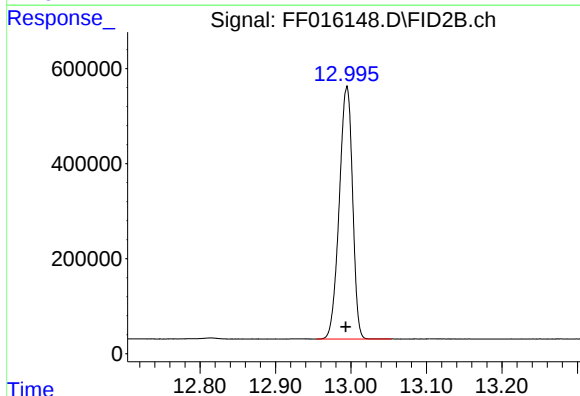
R.T.: 10.235 min
Delta R.T.: 0.001 min
Response: 6658359
Conc: 57.24 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



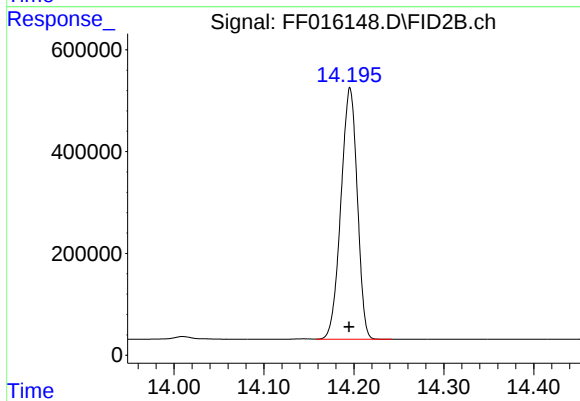
#6 N-OCTADECANE

R.T.: 11.681 min
Delta R.T.: 0.001 min
Response: 6610096
Conc: 56.88 ug/ml



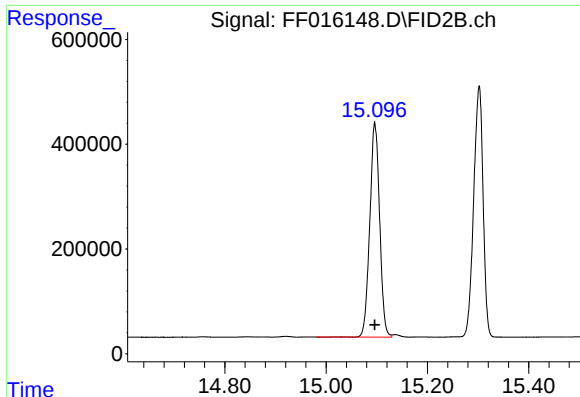
#7 N-EICOSANE

R.T.: 12.995 min
Delta R.T.: 0.001 min
Response: 6501388
Conc: 55.59 ug/ml



#8 N-DOCOSANE

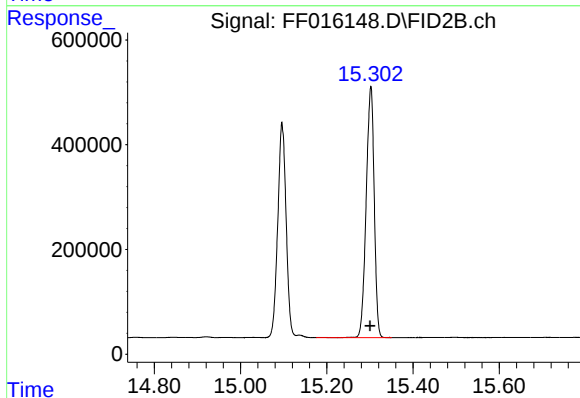
R.T.: 14.196 min
Delta R.T.: 0.001 min
Response: 6244141
Conc: 55.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

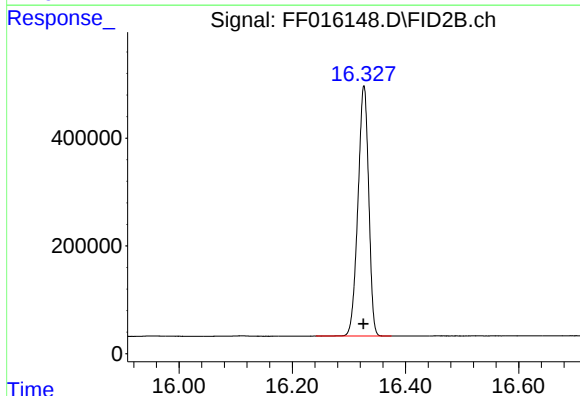
R.T.: 15.096 min
Delta R.T.: 0.000 min
Response: 5512614
Conc: 56.61 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



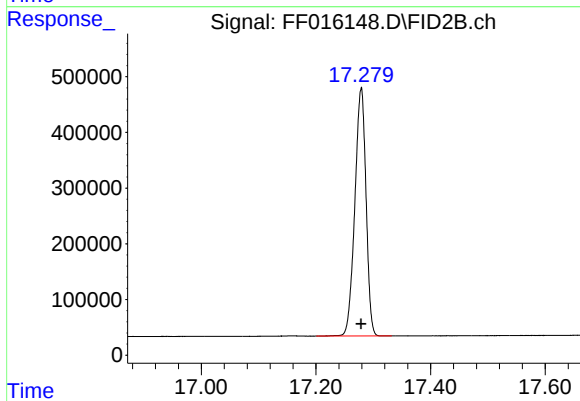
#10 N-TETRACOSANE

R.T.: 15.302 min
Delta R.T.: 0.002 min
Response: 6191797
Conc: 55.83 ug/ml



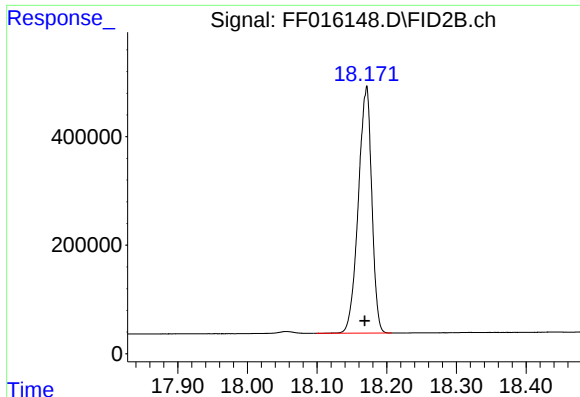
#11 N-HEXACOSANE

R.T.: 16.327 min
Delta R.T.: 0.001 min
Response: 6108685
Conc: 56.89 ug/ml



#12 N-OCTACOSANE

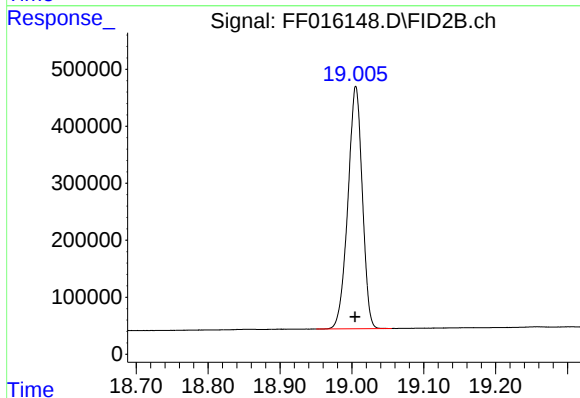
R.T.: 17.279 min
Delta R.T.: 0.000 min
Response: 6027563
Conc: 56.05 ug/ml



#13 N-TRIACONTANE

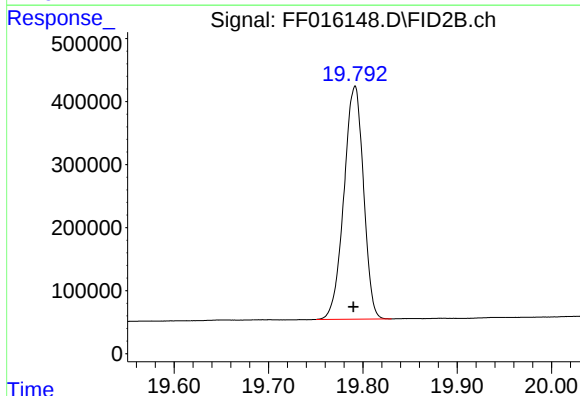
R.T.: 18.171 min
Delta R.T.: 0.003 min
Response: 6094487
Conc: 56.27 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



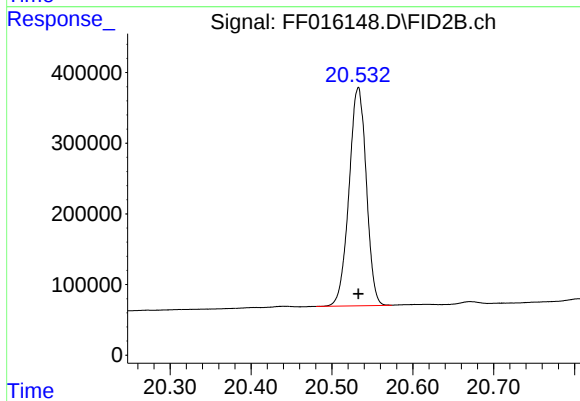
#14 N-DOTRIACONTANE

R.T.: 19.006 min
Delta R.T.: 0.001 min
Response: 5917966
Conc: 56.43 ug/ml



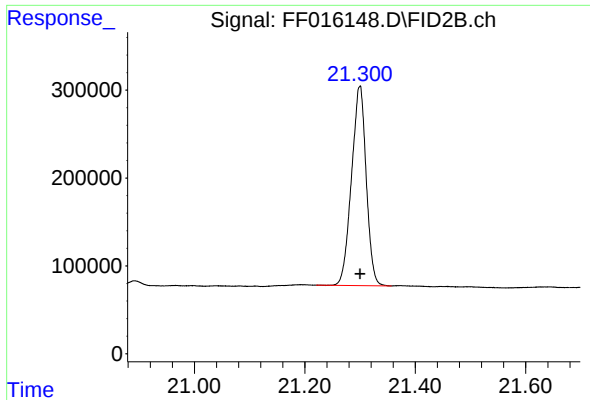
#15 N-TETRATRIACONTANE

R.T.: 19.792 min
Delta R.T.: 0.002 min
Response: 5329607
Conc: 55.55 ug/ml



#16 N-HEXATRIACONTANE

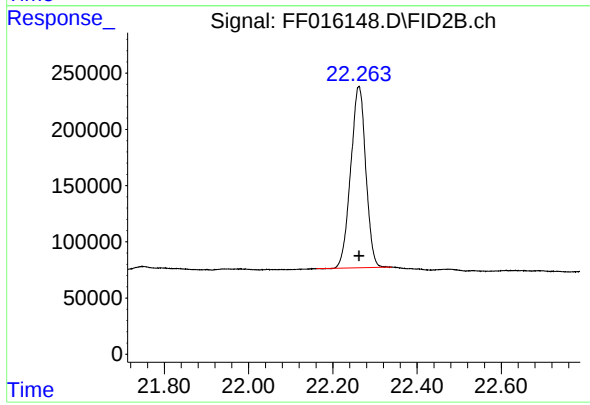
R.T.: 20.533 min
Delta R.T.: 0.000 min
Response: 4588447
Conc: 55.00 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.300 min
Delta R.T.: 0.000 min
Response: 4195378
Conc: 56.97 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.262 min
Delta R.T.: 0.000 min
Response: 4004909
Conc: 58.88 ug/ml