

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016137.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 15:12
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 10 15:21:42 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...	15.100	4476503	45.972 ug/ml
Target Compounds			
1) N-OCTANE	2.072	5600933	44.903 ug/ml
2) N-DECANE	4.615	5504135	44.226 ug/ml
3) N-DODECANE	6.792	5375794	44.116 ug/ml
4) N-TETRADECANE	8.627	5301276	44.096 ug/ml
5) N-HEXADECANE	10.236	5198169	44.687 ug/ml
6) N-OCTADECANE	11.683	5248847	45.168 ug/ml
7) N-EICOSANE	12.997	5332189	45.593 ug/ml
8) N-DOCOSANE	14.197	5149455	45.926 ug/ml
10) N-TETRACOSANE	15.304	5098979	45.974 ug/ml
11) N-HEXACOSANE	16.330	4935128	45.961 ug/ml
12) N-OCTACOSANE	17.281	4933660	45.880 ug/ml
13) N-TRIACONTANE	18.172	4922480	45.448 ug/ml
14) N-DOTRIACONTANE	19.008	4728411	45.091 ug/ml
15) N-TETRATRIACONTANE	19.795	4256379	44.366 ug/ml
16) N-HEXATRIACONTANE	20.536	3468512	41.578 ug/ml
17) N-OCTATRIACONTANE	21.302	2970700	40.338 ug/ml
18) N-TETRACONTANE	22.267	2659187	39.095 ug/ml

(f)=RT Delta > 1/2 Window

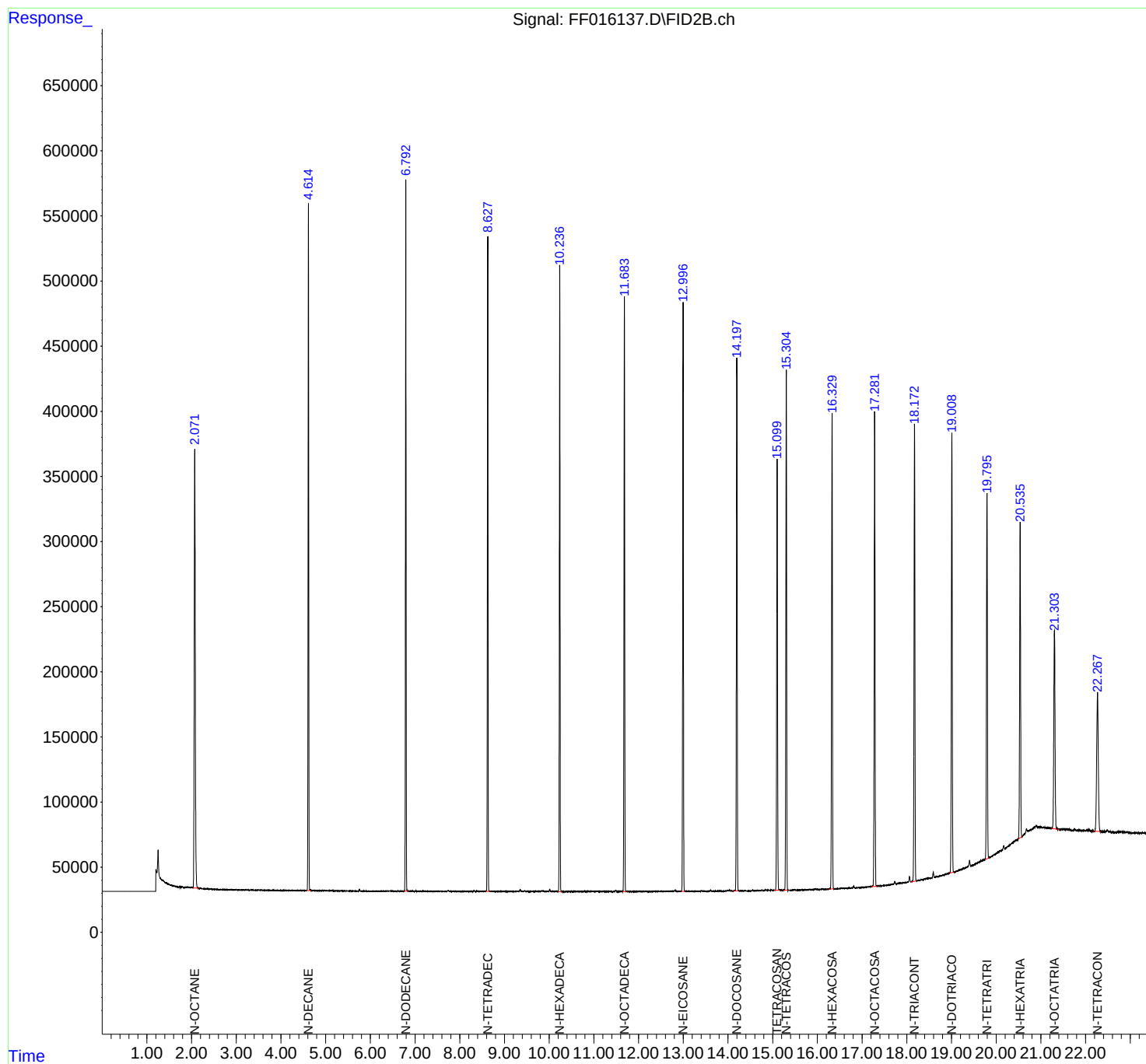
(m)=manual int.

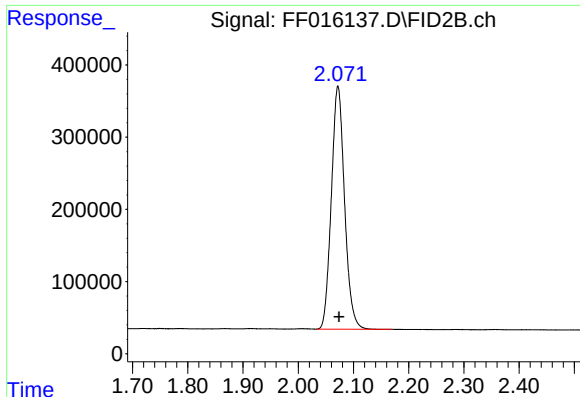
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

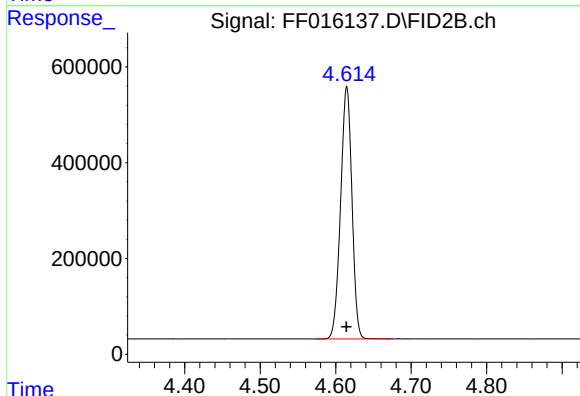




#1 N-OCTANE

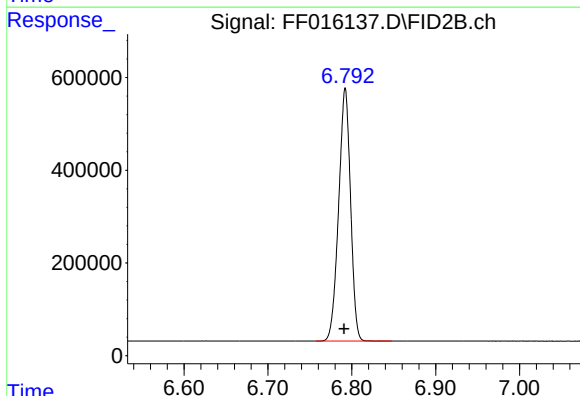
R.T.: 2.072 min
Delta R.T.: -0.002 min
Response: 5600933
Conc: 44.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



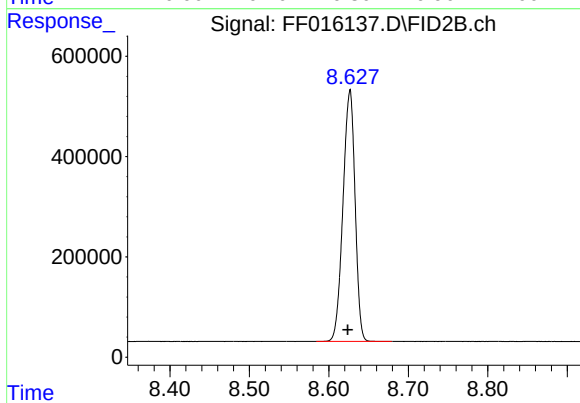
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 5504135
Conc: 44.23 ug/ml



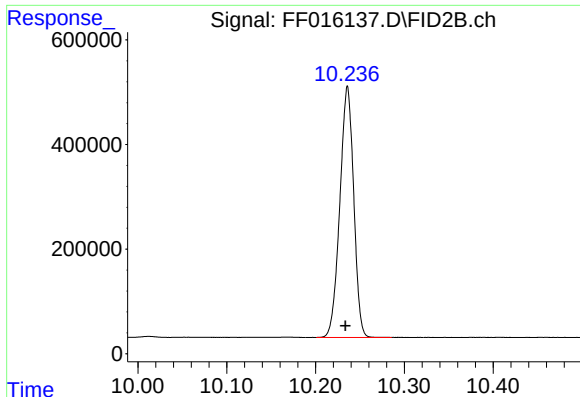
#3 N-DODECANE

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 5375794
Conc: 44.12 ug/ml



#4 N-TETRADECANE

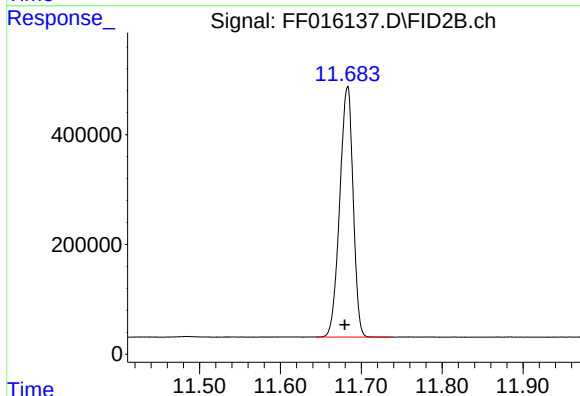
R.T.: 8.627 min
Delta R.T.: 0.003 min
Response: 5301276
Conc: 44.10 ug/ml



#5 N-HEXADECANE

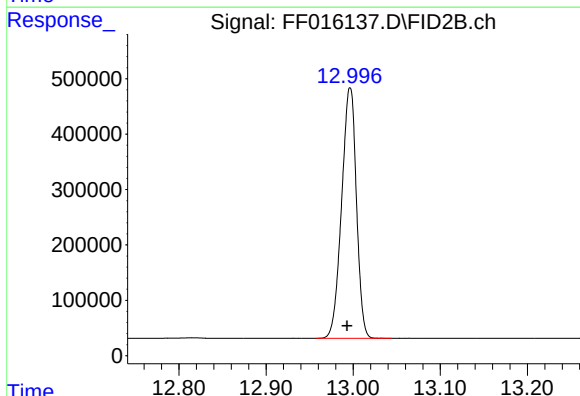
R.T.: 10.236 min
Delta R.T.: 0.002 min
Response: 5198169
Conc: 44.69 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



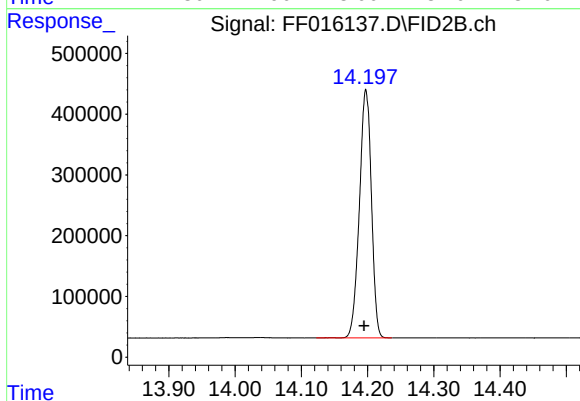
#6 N-OCTADECANE

R.T.: 11.683 min
Delta R.T.: 0.004 min
Response: 5248847
Conc: 45.17 ug/ml



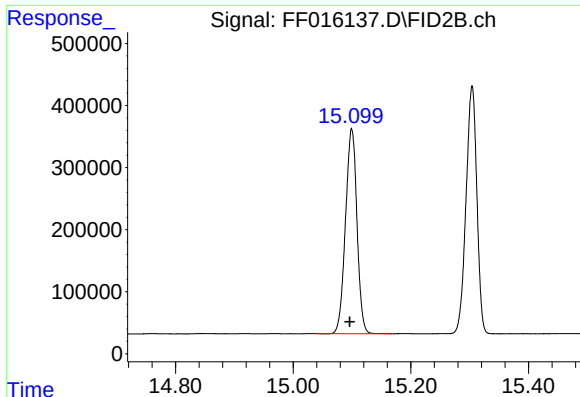
#7 N-EICOSANE

R.T.: 12.997 min
Delta R.T.: 0.003 min
Response: 5332189
Conc: 45.59 ug/ml



#8 N-DOCOSANE

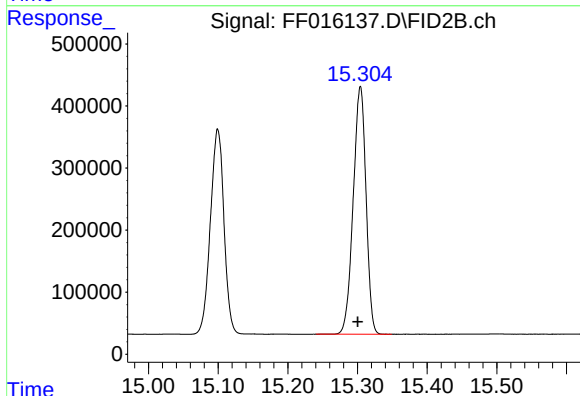
R.T.: 14.197 min
Delta R.T.: 0.003 min
Response: 5149455
Conc: 45.93 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

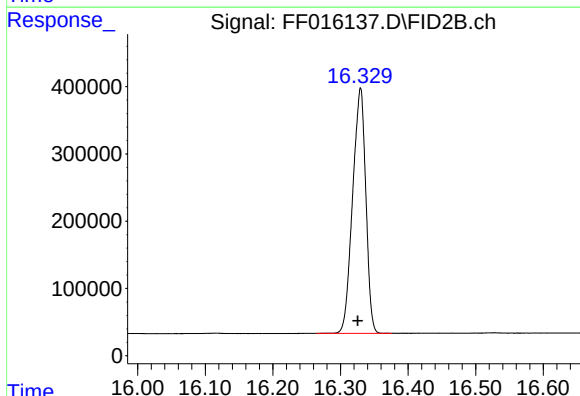
R.T.: 15.100 min
Delta R.T.: 0.003 min
Response: 4476503
Conc: 45.97 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



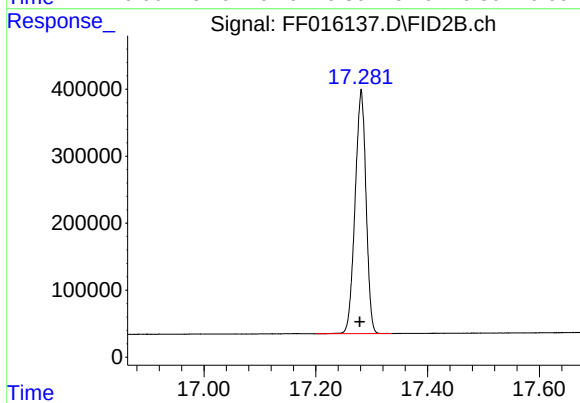
#10 N-TETRACOSANE

R.T.: 15.304 min
Delta R.T.: 0.004 min
Response: 5098979
Conc: 45.97 ug/ml



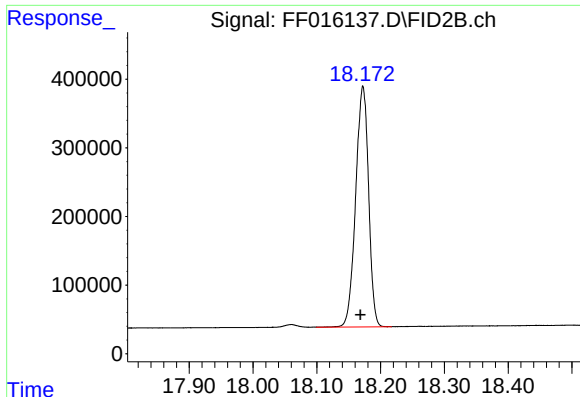
#11 N-HEXACOSANE

R.T.: 16.330 min
Delta R.T.: 0.004 min
Response: 4935128
Conc: 45.96 ug/ml



#12 N-OCTACOSANE

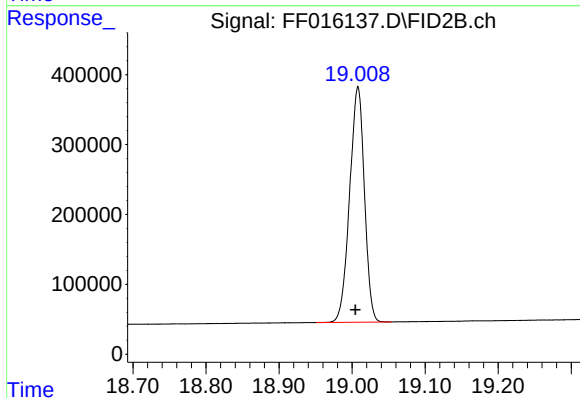
R.T.: 17.281 min
Delta R.T.: 0.003 min
Response: 4933660
Conc: 45.88 ug/ml



#13 N-TRIACONTANE

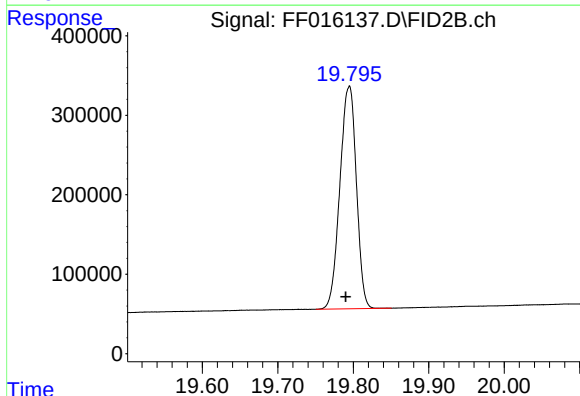
R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 4922480
Conc: 45.45 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



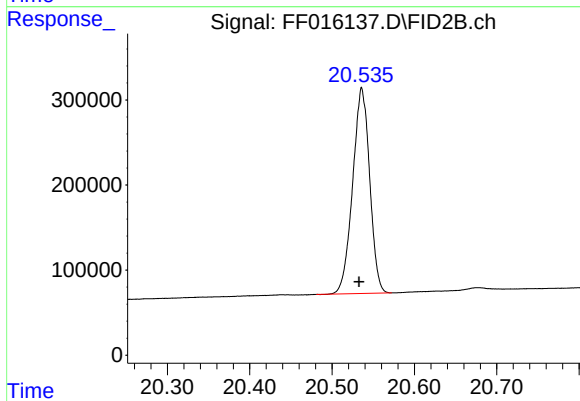
#14 N-DOTRIACONTANE

R.T.: 19.008 min
Delta R.T.: 0.004 min
Response: 4728411
Conc: 45.09 ug/ml



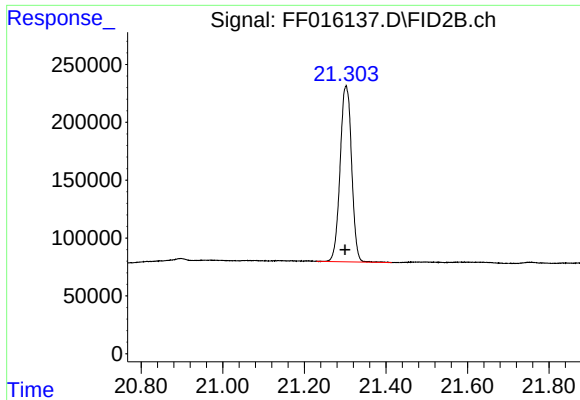
#15 N-TETRATRIACONTANE

R.T.: 19.795 min
Delta R.T.: 0.005 min
Response: 4256379
Conc: 44.37 ug/ml



#16 N-HEXATRIACONTANE

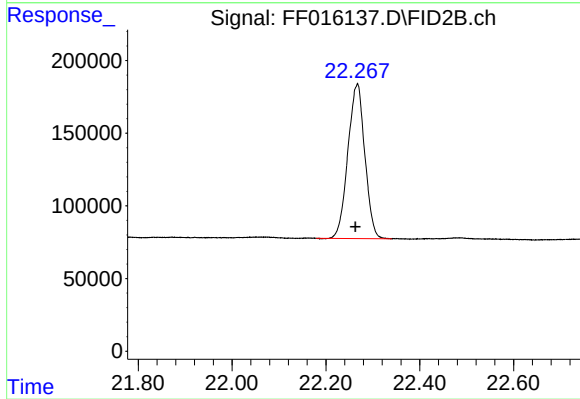
R.T.: 20.536 min
Delta R.T.: 0.003 min
Response: 3468512
Conc: 41.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.302 min
Delta R.T.: 0.002 min
Response: 2970700
Conc: 40.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.267 min
Delta R.T.: 0.005 min
Response: 2659187
Conc: 39.10 ug/ml