

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111125\
 Data File : FF016645.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2025 11:01
 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: Nov 12 00:16:15 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...	15.063	4845652	46.381 ug/ml
Target Compounds			
1) N-OCTANE	2.040	5366318	48.348 ug/ml
2) N-DECANE	4.574	5470192	49.438 ug/ml
3) N-DODECANE	6.753	5501739	49.527 ug/ml
4) N-TETRADECANE	8.587	5510411	49.326 ug/ml
5) N-HEXADECANE	10.198	5505643	49.001 ug/ml
6) N-OCTADECANE	11.643	5620747	48.029 ug/ml
7) N-EICOSANE	12.957	5737839	46.990 ug/ml
8) N-DOCOSANE	14.160	5549635	46.555 ug/ml
10) N-TETRACOSANE	15.267	5486734	46.306 ug/ml
11) N-HEXACOSANE	16.291	5272201	45.893 ug/ml
12) N-OCTACOSANE	17.247	5163670	45.313 ug/ml
13) N-TRIACONTANE	18.137	5068321	45.109 ug/ml
14) N-DOTRIACONTANE	18.973	4854163	45.283 ug/ml
15) N-TETRATRIACONTANE	19.761	4561629	46.423 ug/ml
16) N-HEXATRIACONTANE	20.505	4077008	47.680 ug/ml
17) N-OCTATRIACONTANE	21.265	3712268	48.366 ug/ml
18) N-TETRACONTANE	22.211	3389998	49.672 ug/ml

(f)=RT Delta > 1/2 Window

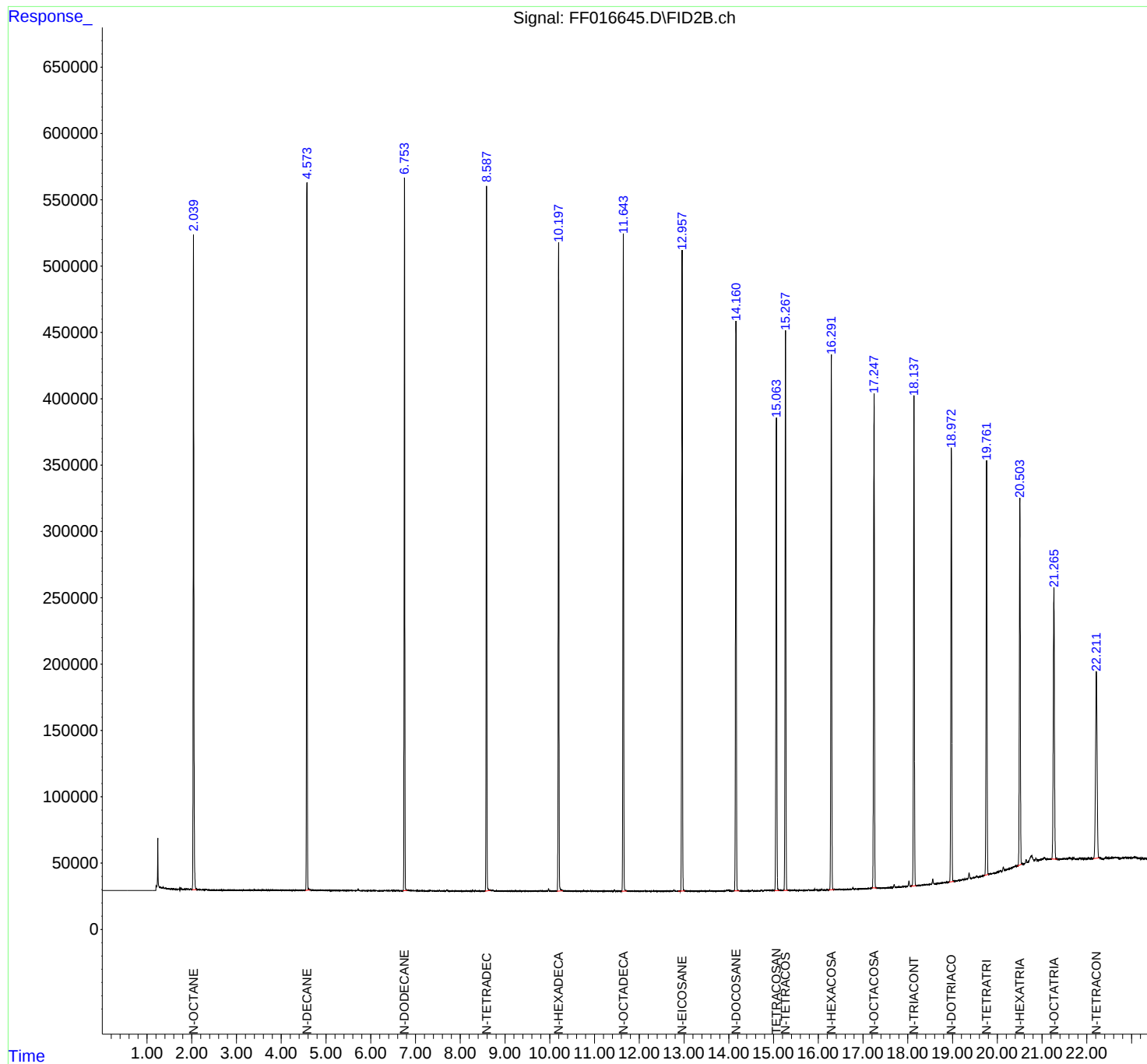
(m)=manual int.

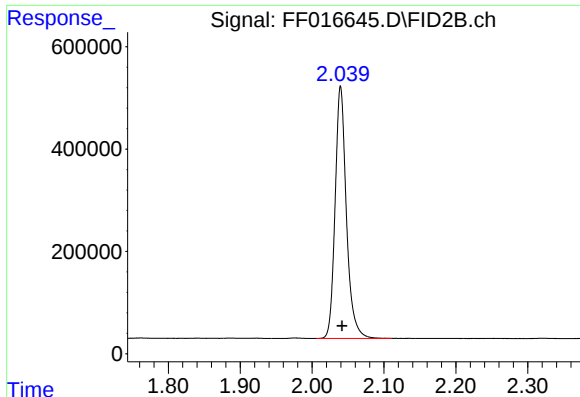
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

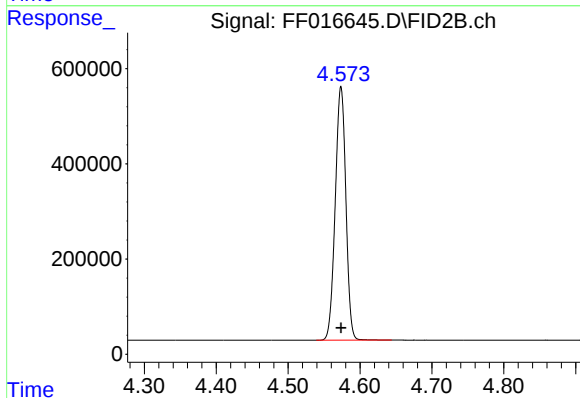




#1 N-OCTANE

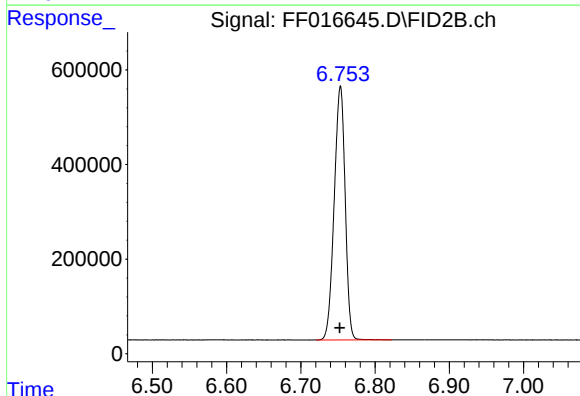
R.T.: 2.040 min
Delta R.T.: -0.002 min
Response: 5366318
Conc: 48.35 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



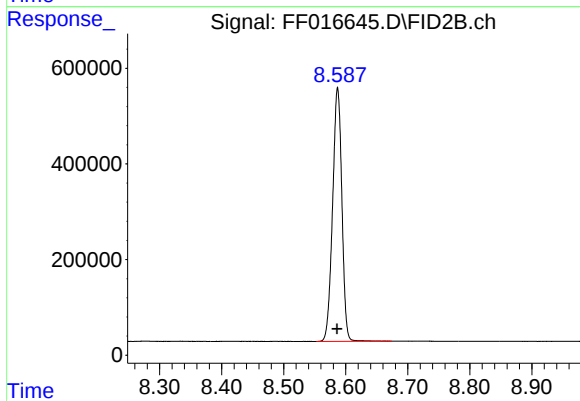
#2 N-DECANE

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 5470192
Conc: 49.44 ug/ml



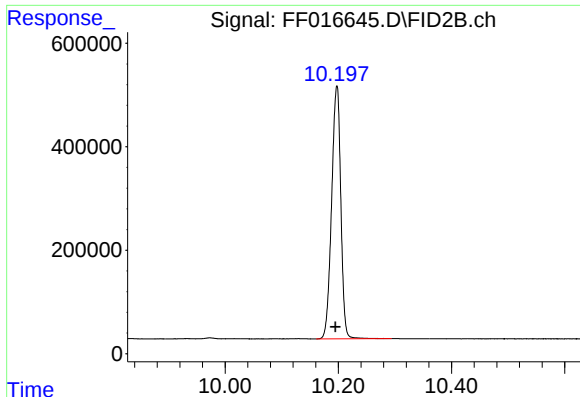
#3 N-DODECANE

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 5501739
Conc: 49.53 ug/ml



#4 N-TETRADECANE

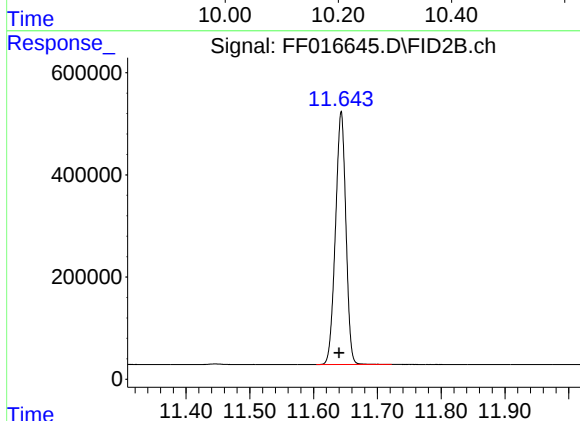
R.T.: 8.587 min
Delta R.T.: 0.001 min
Response: 5510411
Conc: 49.33 ug/ml



#5 N-HEXADECANE

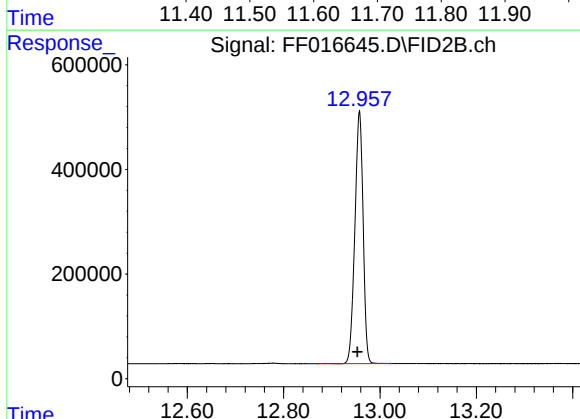
R.T.: 10.198 min
Delta R.T.: 0.003 min
Response: 5505643
Conc: 49.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



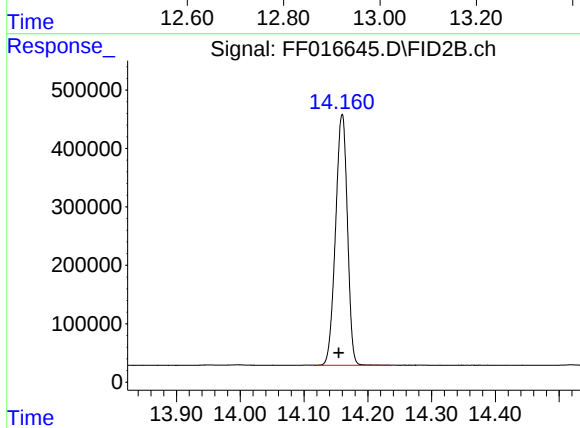
#6 N-OCTADECANE

R.T.: 11.643 min
Delta R.T.: 0.003 min
Response: 5620747
Conc: 48.03 ug/ml



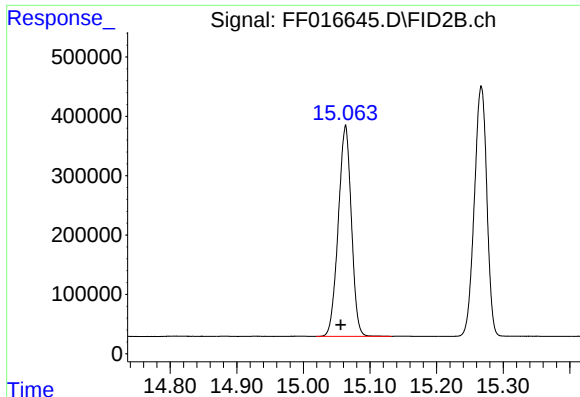
#7 N-EICOSANE

R.T.: 12.957 min
Delta R.T.: 0.005 min
Response: 5737839
Conc: 46.99 ug/ml



#8 N-DOCOSANE

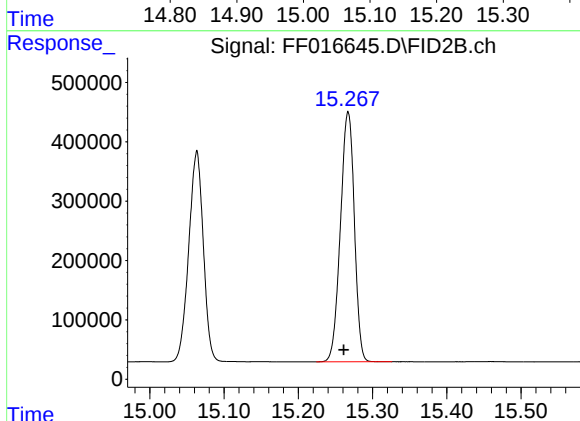
R.T.: 14.160 min
Delta R.T.: 0.006 min
Response: 5549635
Conc: 46.56 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

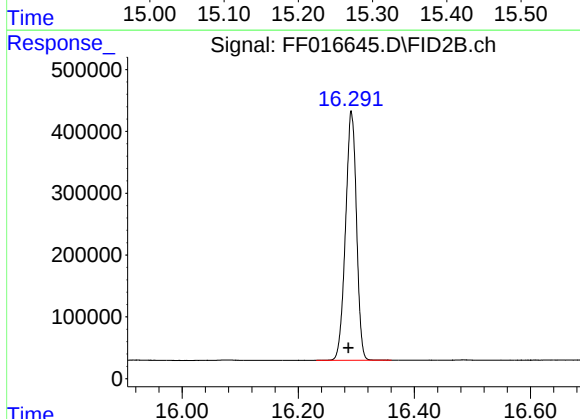
R.T.: 15.063 min
Delta R.T.: 0.007 min
Response: 4845652
Conc: 46.38 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



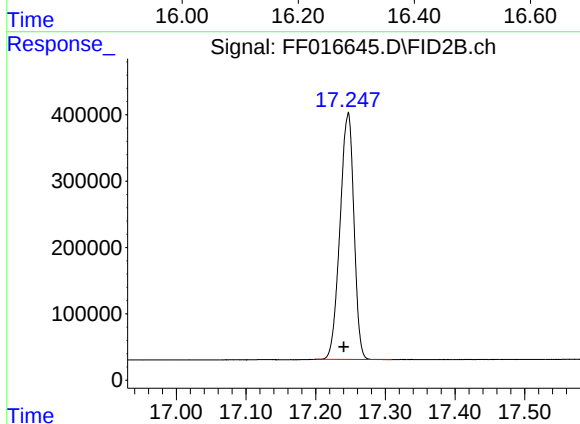
#10 N-TETRACOSANE

R.T.: 15.267 min
Delta R.T.: 0.006 min
Response: 5486734
Conc: 46.31 ug/ml



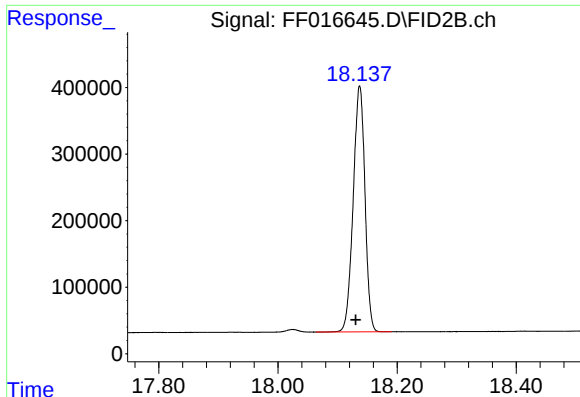
#11 N-HEXACOSANE

R.T.: 16.291 min
Delta R.T.: 0.005 min
Response: 5272201
Conc: 45.89 ug/ml



#12 N-OCTACOSANE

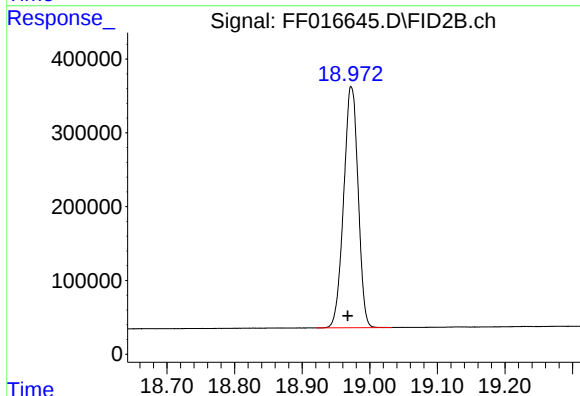
R.T.: 17.247 min
Delta R.T.: 0.007 min
Response: 5163670
Conc: 45.31 ug/ml



#13 N-TRIACONTANE

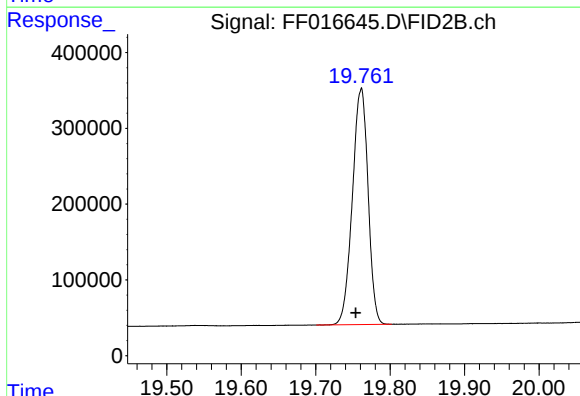
R.T.: 18.137 min
Delta R.T.: 0.006 min
Response: 5068321
Conc: 45.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



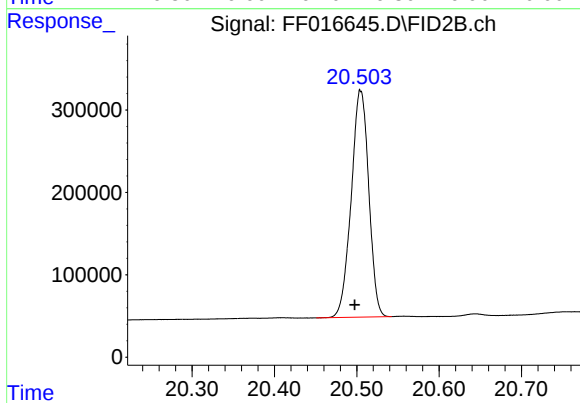
#14 N-DOTRIACONTANE

R.T.: 18.973 min
Delta R.T.: 0.005 min
Response: 4854163
Conc: 45.28 ug/ml



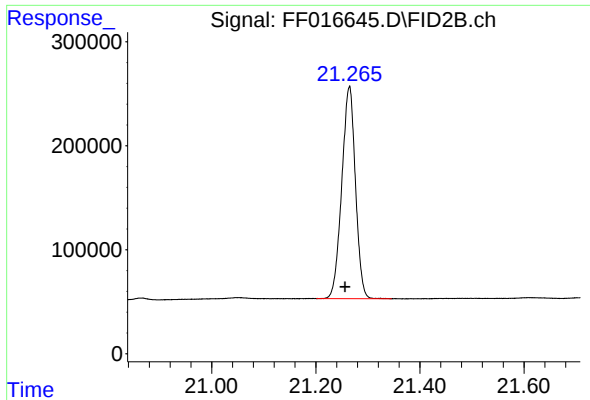
#15 N-TETRATRIACONTANE

R.T.: 19.761 min
Delta R.T.: 0.007 min
Response: 4561629
Conc: 46.42 ug/ml



#16 N-HEXATRIACONTANE

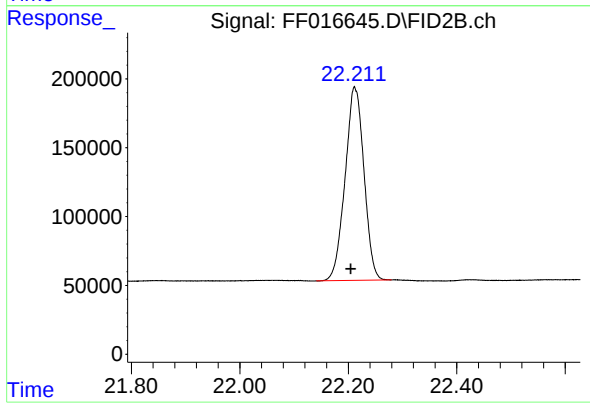
R.T.: 20.505 min
Delta R.T.: 0.007 min
Response: 4077008
Conc: 47.68 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.008 min
Response: 3712268
Conc: 48.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.211 min
Delta R.T.: 0.007 min
Response: 3389998
Conc: 49.67 ug/ml