

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091825\
 Data File : FF016398.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2025 14:50
 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: Sep 18 14:58:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090525.M
 Quant Title :
 QLast Update : Fri Sep 05 15:09:50 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...	15.070	5949307	45.945 ug/ml
Target Compounds			
1) N-OCTANE	2.050	5988484	45.546 ug/ml
2) N-DECANE	4.588	6187165	46.465 ug/ml
3) N-DODECANE	6.767	6345660	46.678 ug/ml
4) N-TETRADECANE	8.600	6432686	46.138 ug/ml
5) N-HEXADECANE	10.209	6551058	46.114 ug/ml
6) N-OCTADECANE	11.655	6754172	45.944 ug/ml
7) N-EICOSANE	12.968	6847210	45.900 ug/ml
8) N-DOCOSANE	14.169	6692754	46.029 ug/ml
10) N-TETRACOSANE	15.274	6662188	45.973 ug/ml
11) N-HEXACOSANE	16.298	6549010	45.834 ug/ml
12) N-OCTACOSANE	17.252	6328450	45.494 ug/ml
13) N-TRIACONTANE	18.141	6235124	45.119 ug/ml
14) N-DOTRIACONTANE	18.977	5940693	45.995 ug/ml
15) N-TETRATRIACONTANE	19.762	5634512	51.362 ug/ml
16) N-HEXATRIACONTANE	20.506	5257882	59.724 ug/ml
17) N-OCTATRIACONTANE	21.265	5027436	67.670 ug/ml
18) N-TETRACONTANE	22.214	4979363	76.192 ug/ml

(f)=RT Delta > 1/2 Window

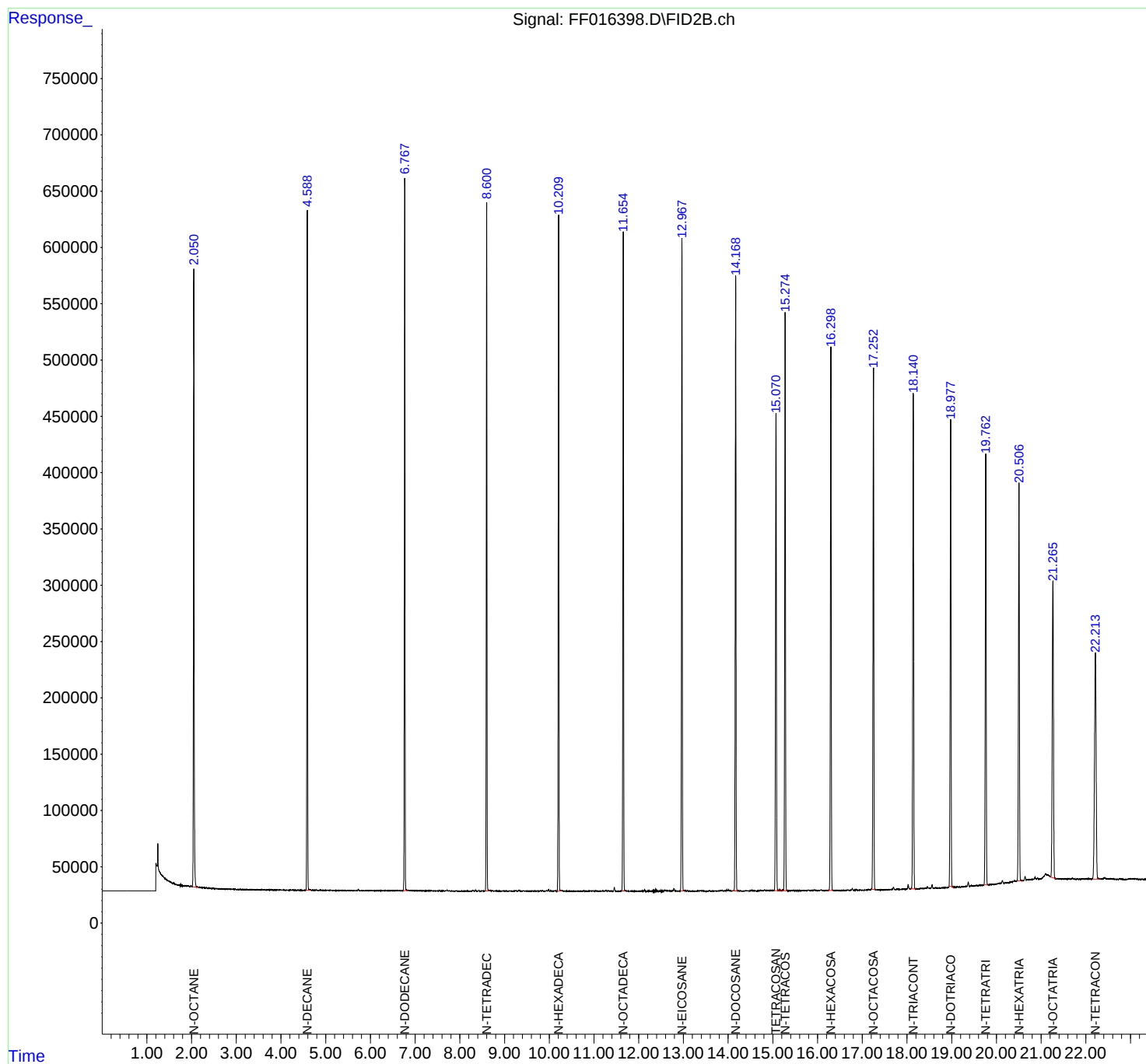
(m)=manual int.

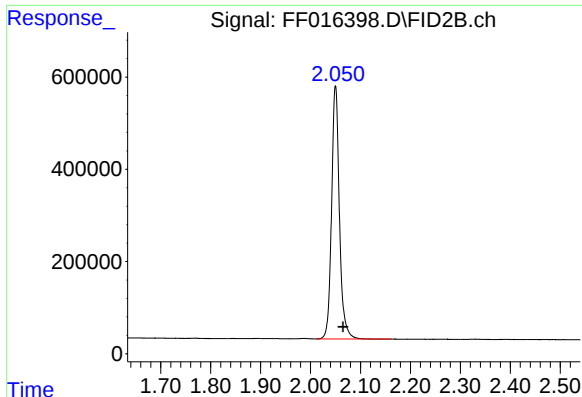
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

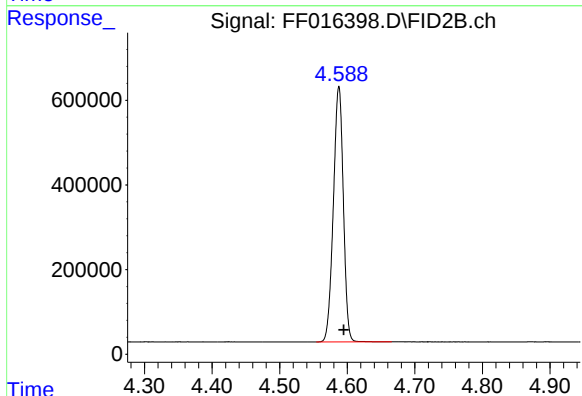




#1 N-OCTANE

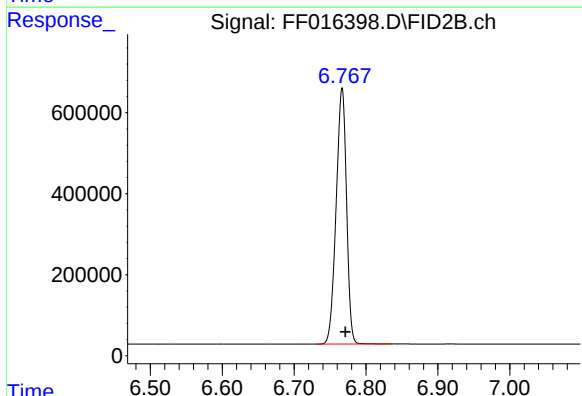
R.T.: 2.050 min
Delta R.T.: -0.015 min
Response: 5988484
Conc: 45.55 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



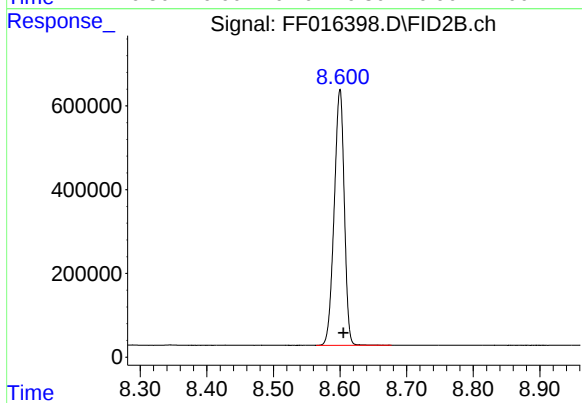
#2 N-DECANE

R.T.: 4.588 min
Delta R.T.: -0.007 min
Response: 6187165
Conc: 46.47 ug/ml



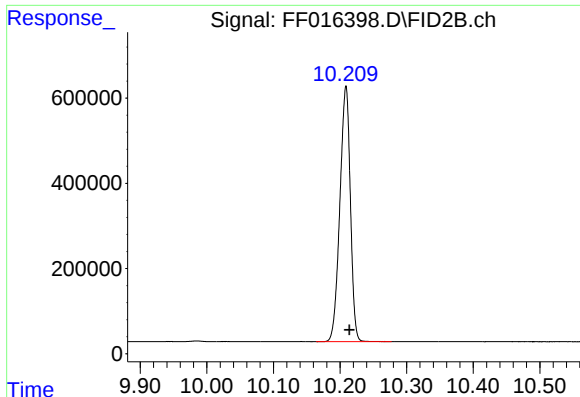
#3 N-DODECANE

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 6345660
Conc: 46.68 ug/ml



#4 N-TETRADECANE

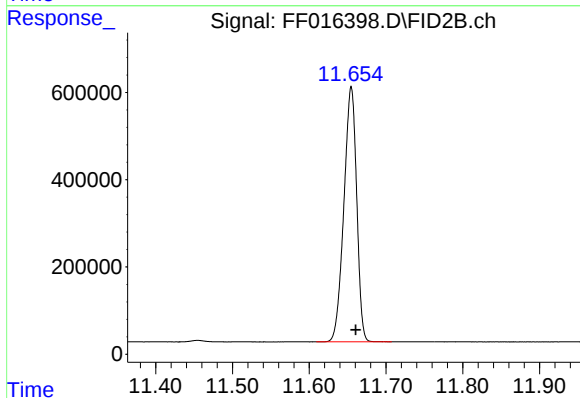
R.T.: 8.600 min
Delta R.T.: -0.005 min
Response: 6432686
Conc: 46.14 ug/ml



#5 N-HEXADECANE

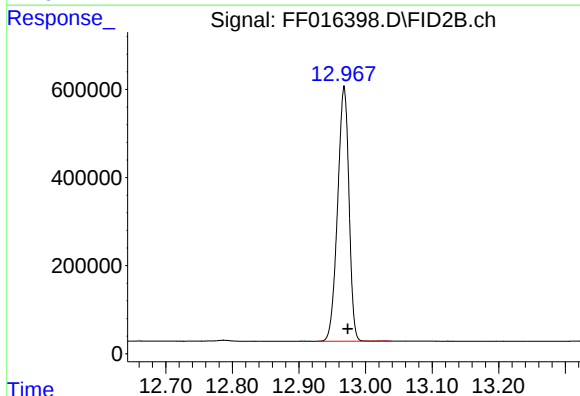
R.T.: 10.209 min
Delta R.T.: -0.005 min
Response: 6551058
Conc: 46.11 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



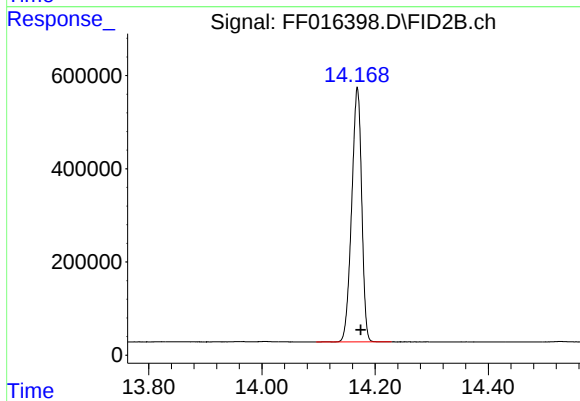
#6 N-OCTADECANE

R.T.: 11.655 min
Delta R.T.: -0.006 min
Response: 6754172
Conc: 45.94 ug/ml



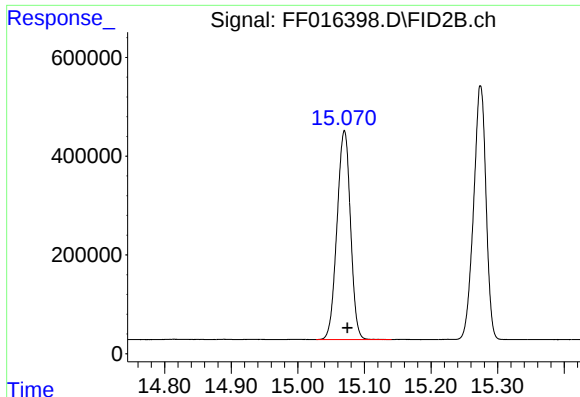
#7 N-EICOSANE

R.T.: 12.968 min
Delta R.T.: -0.005 min
Response: 6847210
Conc: 45.90 ug/ml



#8 N-DOCOSANE

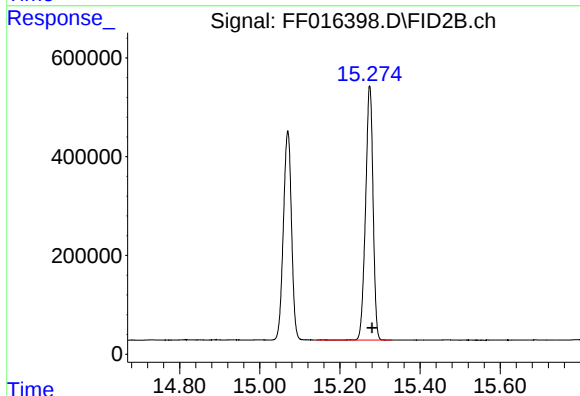
R.T.: 14.169 min
Delta R.T.: -0.005 min
Response: 6692754
Conc: 46.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

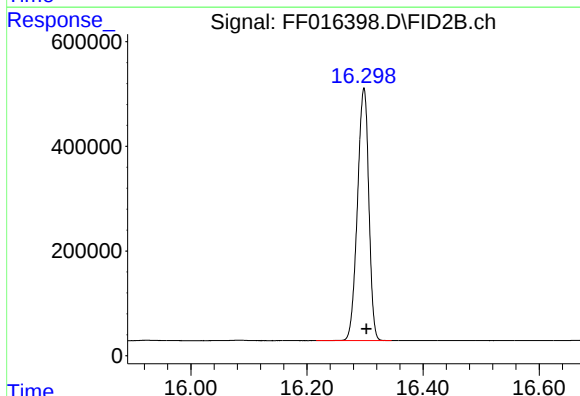
R.T.: 15.070 min
Delta R.T.: -0.005 min
Response: 5949307
Conc: 45.94 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



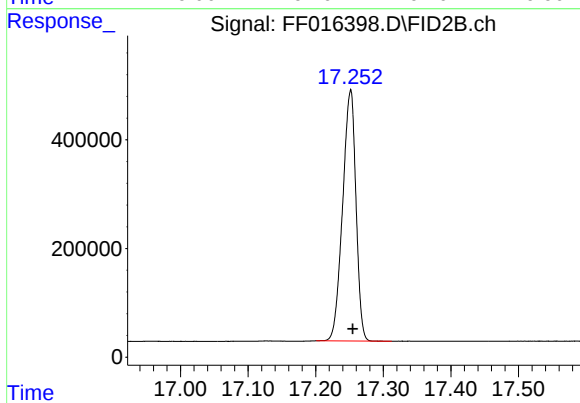
#10 N-TETRACOSANE

R.T.: 15.274 min
Delta R.T.: -0.006 min
Response: 6662188
Conc: 45.97 ug/ml



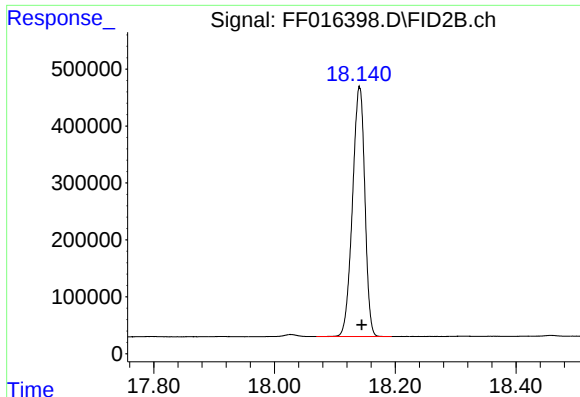
#11 N-HEXACOSANE

R.T.: 16.298 min
Delta R.T.: -0.004 min
Response: 6549010
Conc: 45.83 ug/ml



#12 N-OCTACOSANE

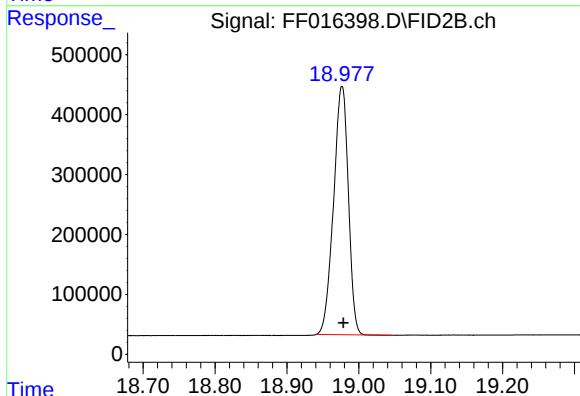
R.T.: 17.252 min
Delta R.T.: -0.003 min
Response: 6328450
Conc: 45.49 ug/ml



#13 N-TRIACONTANE

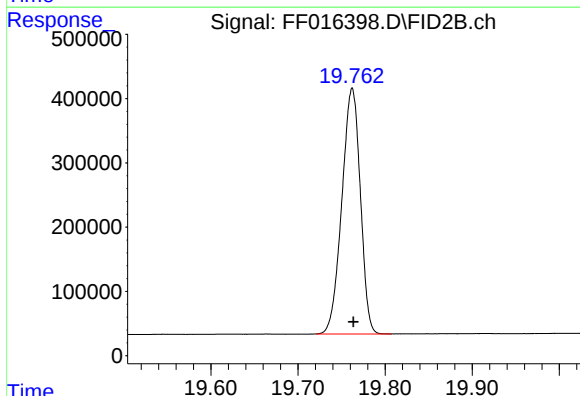
R.T.: 18.141 min
Delta R.T.: -0.004 min
Response: 6235124
Conc: 45.12 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



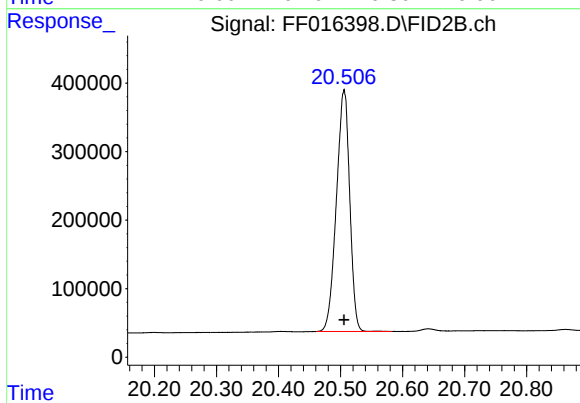
#14 N-DOTRIACONTANE

R.T.: 18.977 min
Delta R.T.: -0.002 min
Response: 5940693
Conc: 46.00 ug/ml



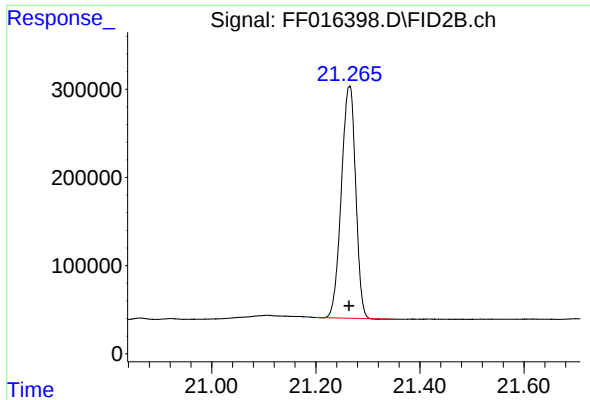
#15 N-TETRATRIACONTANE

R.T.: 19.762 min
Delta R.T.: -0.001 min
Response: 5634512
Conc: 51.36 ug/ml



#16 N-HEXATRIACONTANE

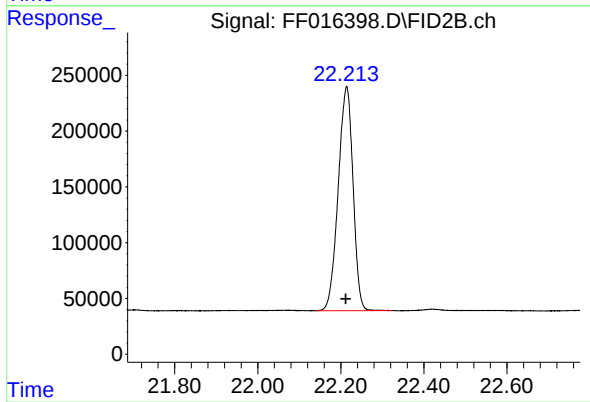
R.T.: 20.506 min
Delta R.T.: 0.000 min
Response: 5257882
Conc: 59.72 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.265 min
Delta R.T.: 0.001 min
Response: 5027436
Conc: 67.67 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.214 min
Delta R.T.: 0.002 min
Response: 4979363
Conc: 76.19 ug/ml