

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051925\
 Data File : FF015863.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2025 10:27
 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: May 20 03:53:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF042225.M
 Quant Title :
 QLast Update : Tue Apr 22 11:27:50 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...	15.021	5645866	50.031 ug/ml
Target Compounds			
1) N-OCTANE	2.025	5316718	46.899 ug/ml
2) N-DECANE	4.563	5967040	58.474 ug/ml
3) N-DODECANE	6.732	6147586	56.144 ug/ml
4) N-TETRADECANE	8.560	6134108	53.146 ug/ml
5) N-HEXADECANE	10.167	6185441	52.410 ug/ml
6) N-OCTADECANE	11.610	6382284	50.735 ug/ml
7) N-EICOSANE	12.922	6369032	48.821 ug/ml
8) N-DOCOSANE	14.121	6256233	49.115 ug/ml
10) N-TETRACOSANE	15.225	6247089	49.664 ug/ml
11) N-HEXACOSANE	16.247	6131005	50.296 ug/ml
12) N-OCTACOSANE	17.198	6156501	52.028 ug/ml
13) N-TRIACONTANE	18.086	6342783	53.817 ug/ml
14) N-DOTRIACONTANE	18.918	6252652	54.883 ug/ml
15) N-TETRATRIACONTANE	19.702	5121344	51.334 ug/ml
16) N-HEXATRIACONTANE	20.441	4042259	50.665 ug/ml
17) N-OCTATRIACONTANE	21.178	3351816	59.025 ug/ml
18) N-TETRACONTANE	22.088f	3545239	87.181 ug/ml

(f)=RT Delta > 1/2 Window

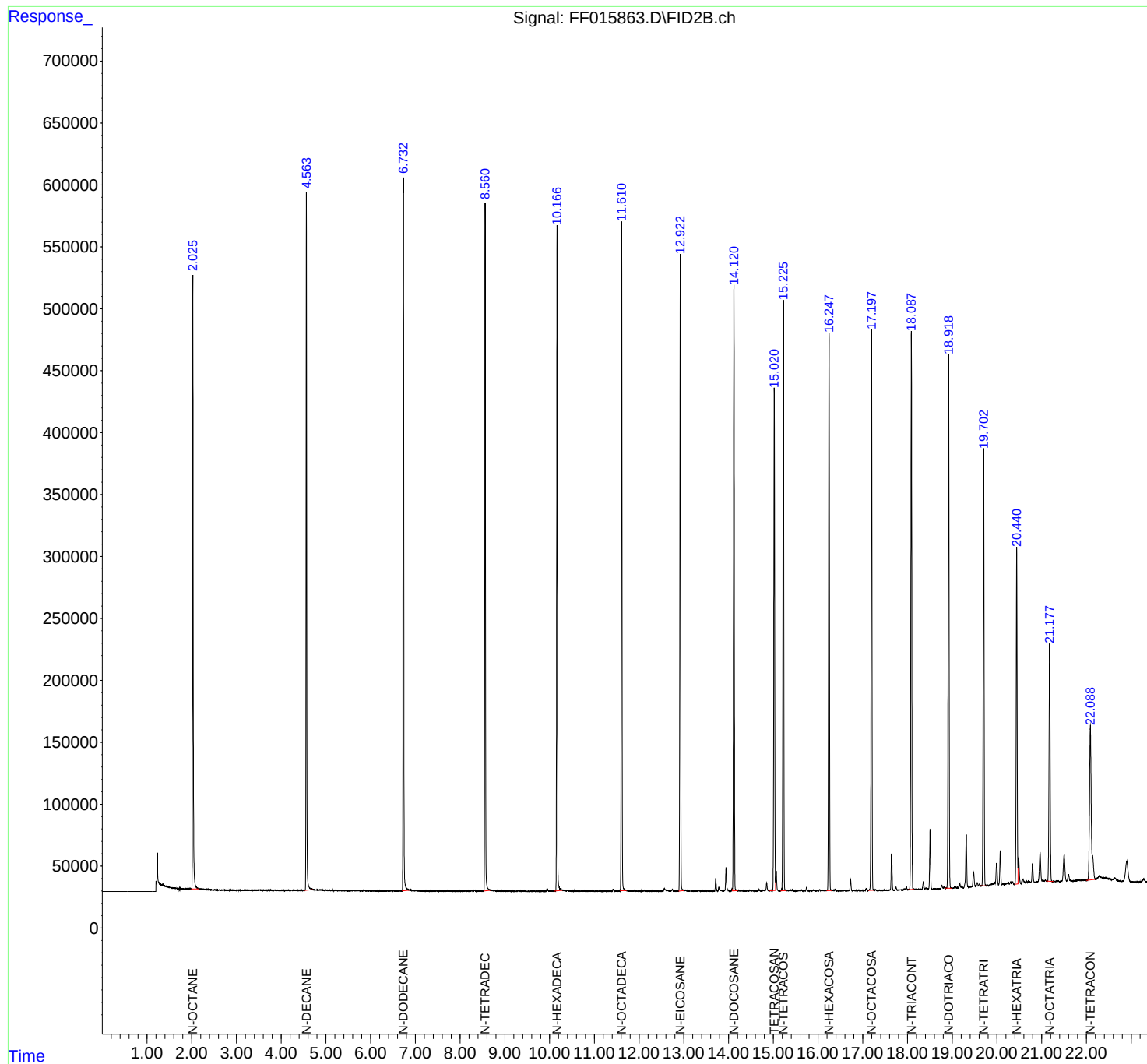
(m)=manual int.

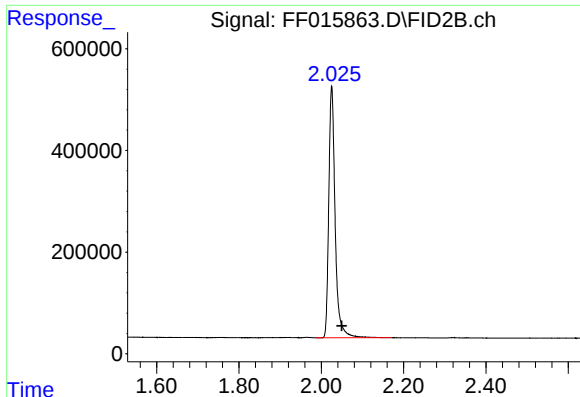
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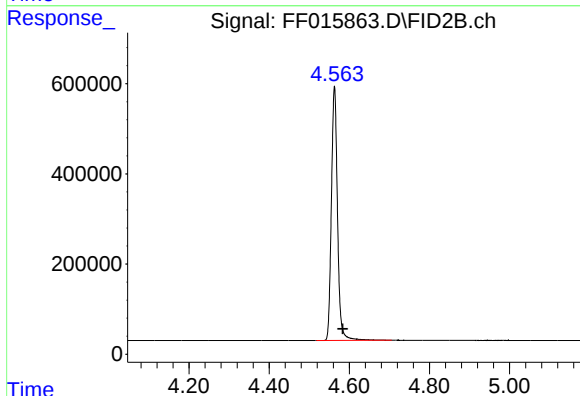




#1 N-OCTANE

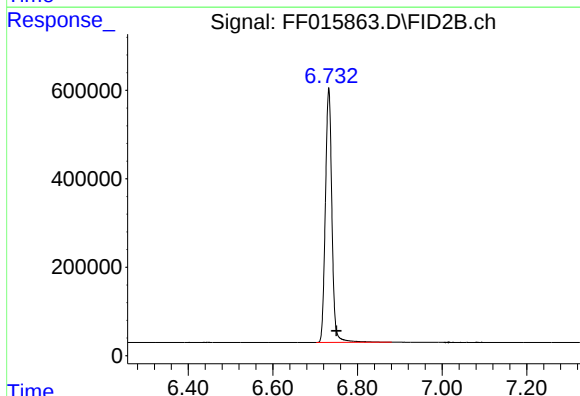
R.T.: 2.025 min
Delta R.T.: -0.025 min
Response: 5316718
Conc: 46.90 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



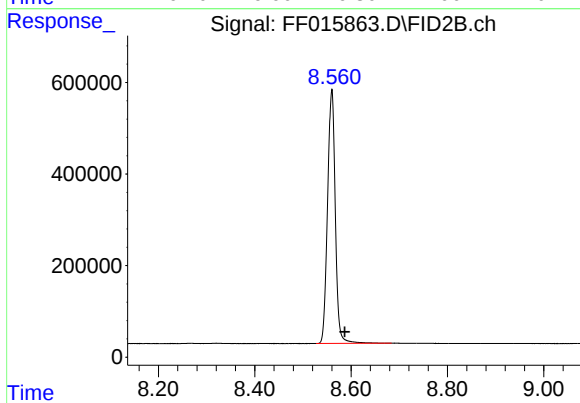
#2 N-DECANE

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 5967040
Conc: 58.47 ug/ml



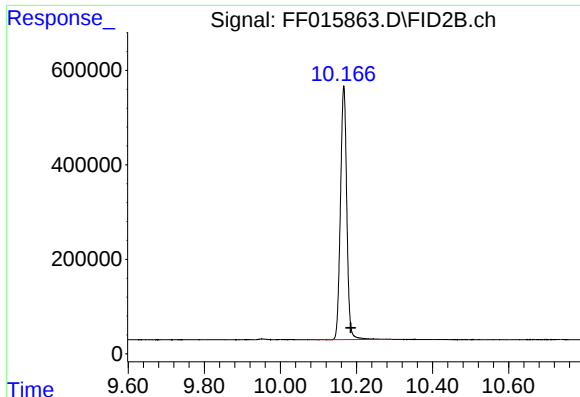
#3 N-DODECANE

R.T.: 6.732 min
Delta R.T.: -0.018 min
Response: 6147586
Conc: 56.14 ug/ml



#4 N-TETRADECANE

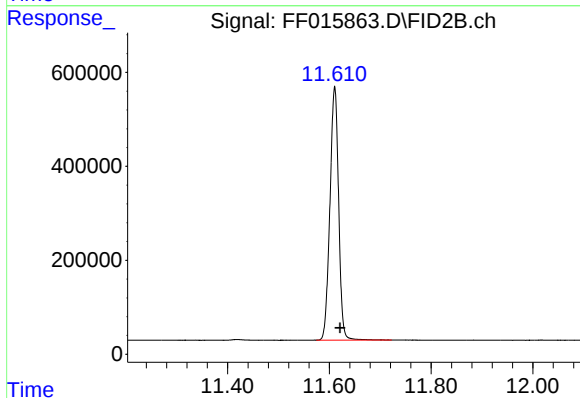
R.T.: 8.560 min
Delta R.T.: -0.026 min
Response: 6134108
Conc: 53.15 ug/ml



#5 N-HEXADECANE

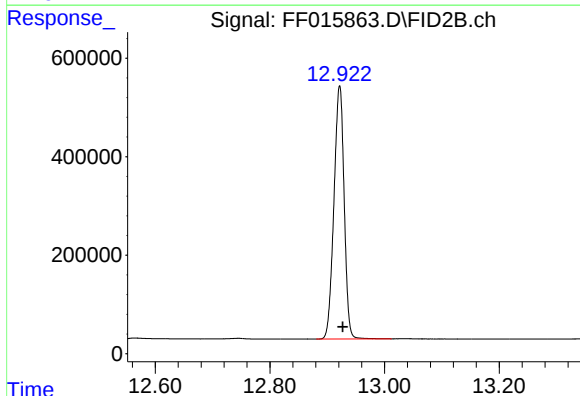
R.T.: 10.167 min
Delta R.T.: -0.018 min
Response: 6185441
Conc: 52.41 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



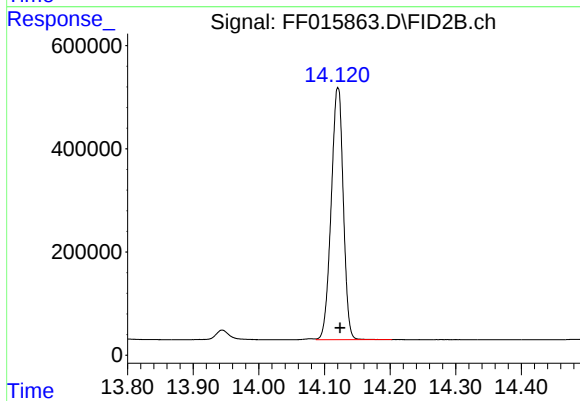
#6 N-OCTADECANE

R.T.: 11.610 min
Delta R.T.: -0.011 min
Response: 6382284
Conc: 50.73 ug/ml



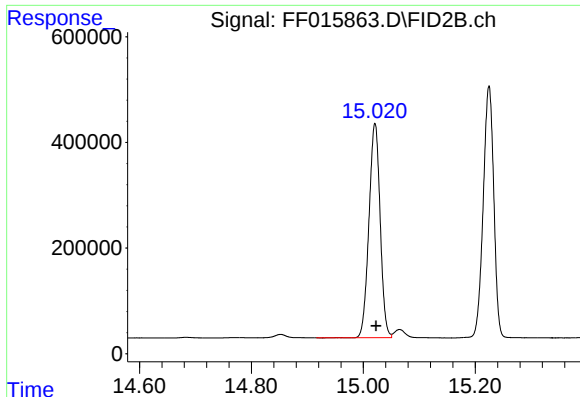
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.006 min
Response: 6369032
Conc: 48.82 ug/ml



#8 N-DOCOSANE

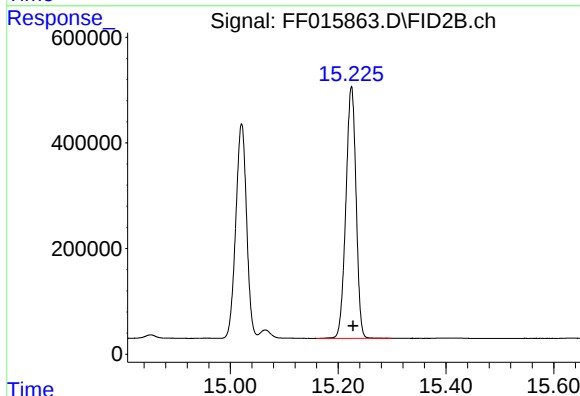
R.T.: 14.121 min
Delta R.T.: -0.003 min
Response: 6256233
Conc: 49.11 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

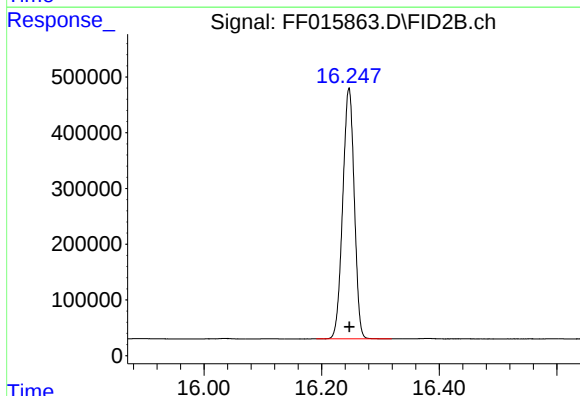
R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 5645866
Conc: 50.03 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



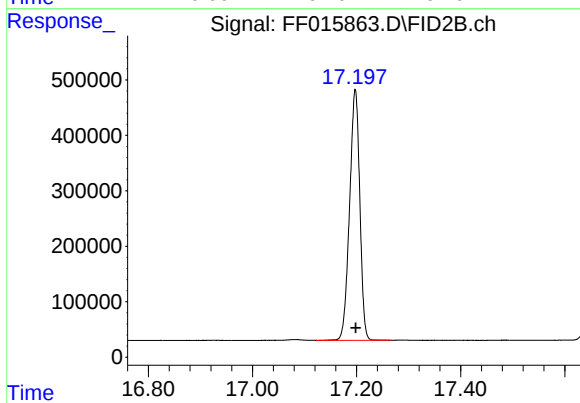
#10 N-TETRACOSANE

R.T.: 15.225 min
Delta R.T.: -0.003 min
Response: 6247089
Conc: 49.66 ug/ml



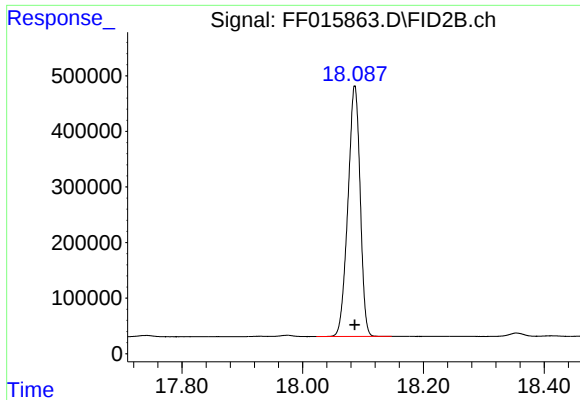
#11 N-HEXACOSANE

R.T.: 16.247 min
Delta R.T.: 0.000 min
Response: 6131005
Conc: 50.30 ug/ml



#12 N-OCTACOSANE

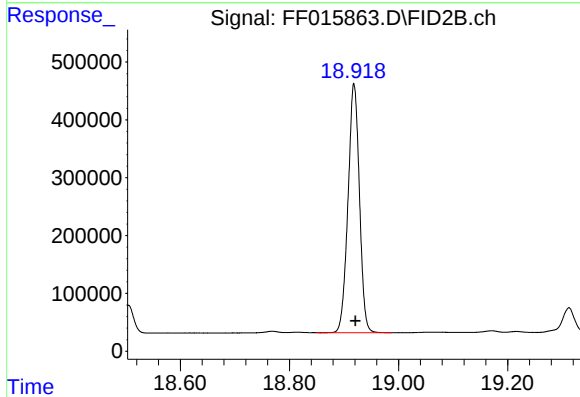
R.T.: 17.198 min
Delta R.T.: 0.000 min
Response: 6156501
Conc: 52.03 ug/ml



#13 N-TRIACONTANE

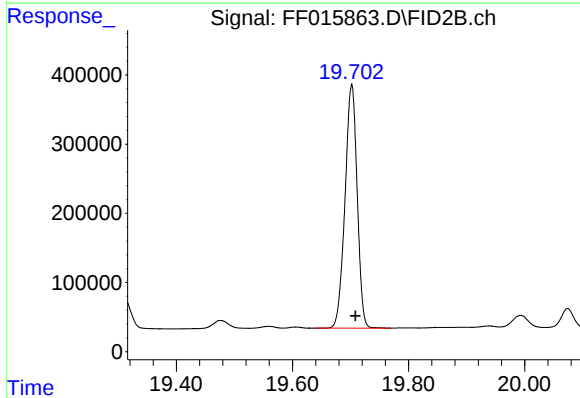
R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 6342783
Conc: 53.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



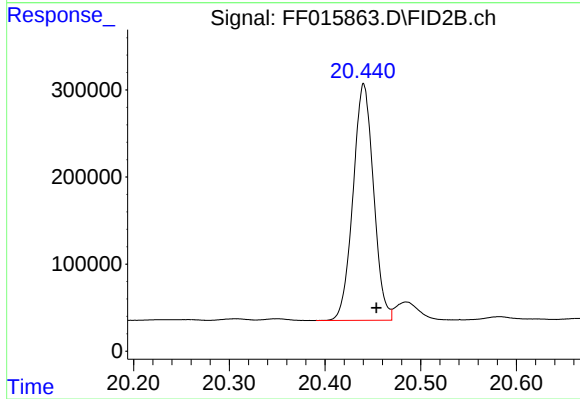
#14 N-DOTRIACONTANE

R.T.: 18.918 min
Delta R.T.: -0.003 min
Response: 6252652
Conc: 54.88 ug/ml



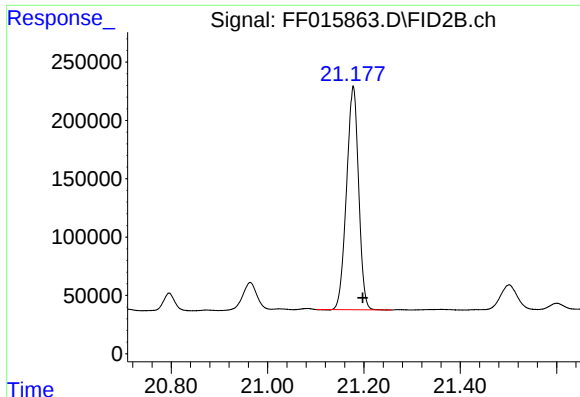
#15 N-TETRATRIACONTANE

R.T.: 19.702 min
Delta R.T.: -0.006 min
Response: 5121344
Conc: 51.33 ug/ml



#16 N-HEXATRIACONTANE

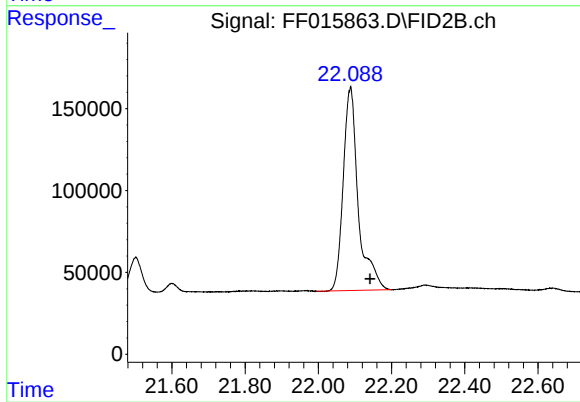
R.T.: 20.441 min
Delta R.T.: -0.013 min
Response: 4042259
Conc: 50.66 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.178 min
Delta R.T.: -0.020 min
Response: 3351816
Conc: 59.03 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.088 min
Delta R.T.: -0.053 min
Response: 3545239
Conc: 87.18 ug/ml