

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100125\
 Data File : FF016493.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 15:54
 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: Oct 03 06:41:57 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...	15.071	5420032	41.857 ug/ml
Target Compounds			
1) N-OCTANE	2.048	6148020	46.759 ug/ml
2) N-DECANE	4.585	6330970	47.545 ug/ml
3) N-DODECANE	6.765	6399809	47.076 ug/ml
4) N-TETRADECANE	8.598	6388874	45.824 ug/ml
5) N-HEXADECANE	10.207	6395386	45.019 ug/ml
6) N-OCTADECANE	11.654	6470048	44.011 ug/ml
7) N-EICOSANE	12.967	6428168	43.091 ug/ml
8) N-DOCOSANE	14.169	6160920	42.372 ug/ml
10) N-TETRACOSANE	15.276	6049114	41.742 ug/ml
11) N-HEXACOSANE	16.300	5895350	41.259 ug/ml
12) N-OCTACOSANE	17.253	5710304	41.050 ug/ml
13) N-TRIACONTANE	18.145	5694789	41.209 ug/ml
14) N-DOTRIACONTANE	18.979	5554118	43.002 ug/ml
15) N-TETRATRIACONTANE	19.765	5355760	48.821 ug/ml
16) N-HEXATRIACONTANE	20.507	5092003	57.840 ug/ml
17) N-OCTATRIACONTANE	21.268	5068821	68.227 ug/ml
18) N-TETRACONTANE	22.218	5109173	78.178 ug/ml

(f)=RT Delta > 1/2 Window

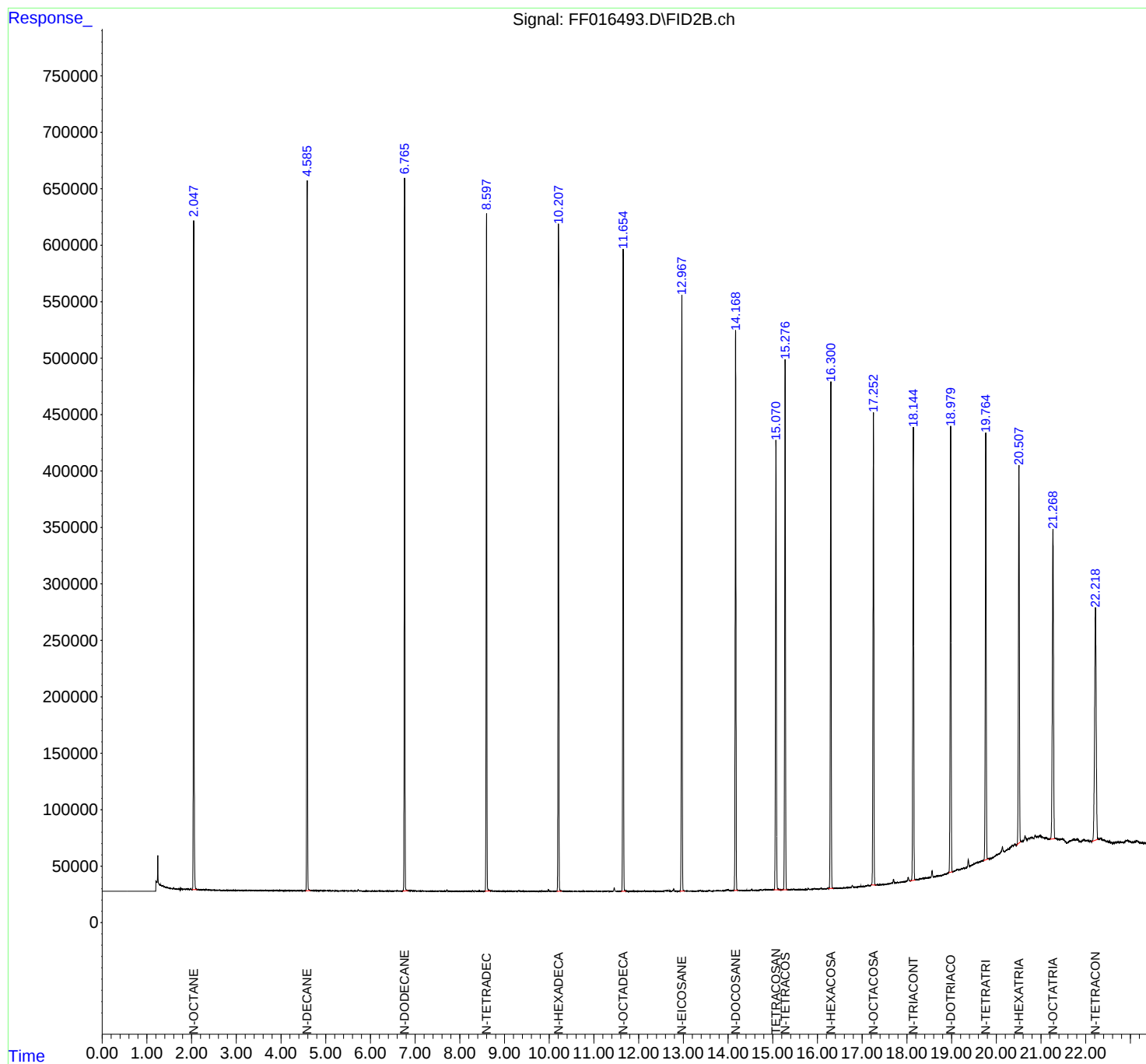
(m)=manual int.

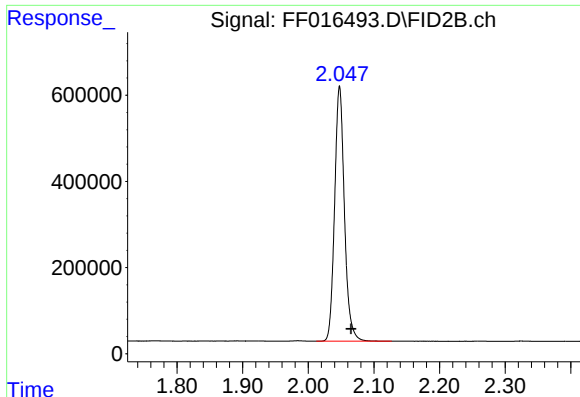
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

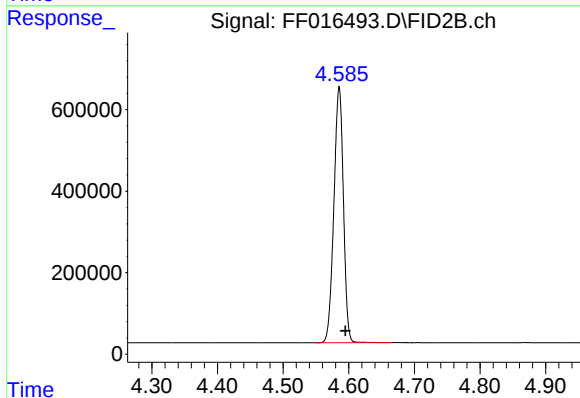




#1 N-OCTANE

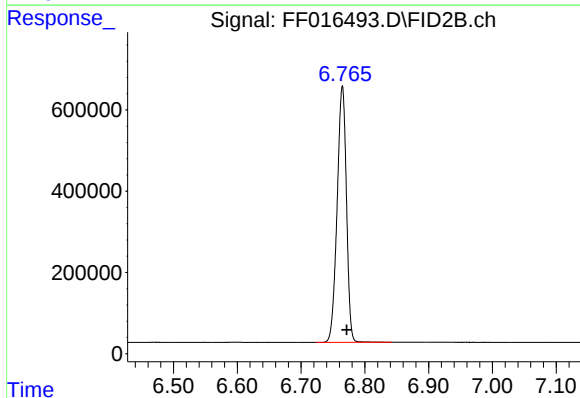
R.T.: 2.048 min
Delta R.T.: -0.017 min
Response: 6148020
Conc: 46.76 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



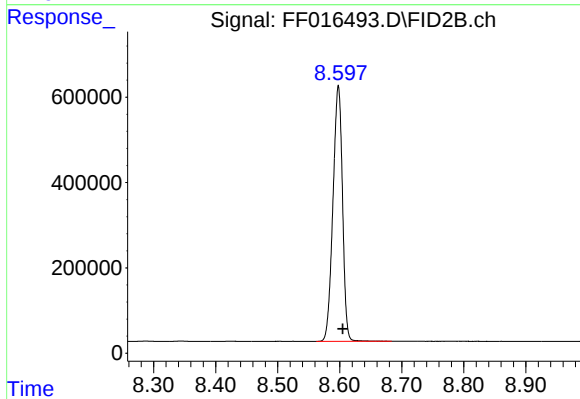
#2 N-DECANE

R.T.: 4.585 min
Delta R.T.: -0.010 min
Response: 6330970
Conc: 47.55 ug/ml



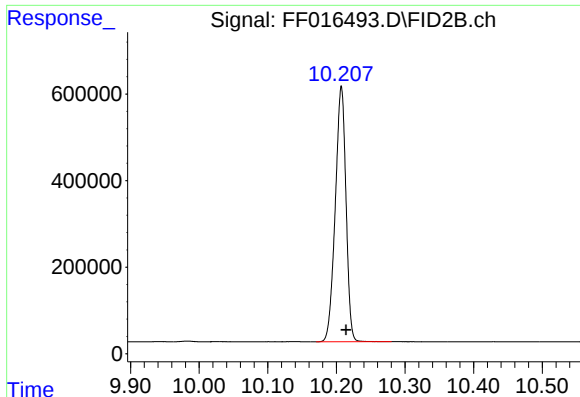
#3 N-DODECANE

R.T.: 6.765 min
Delta R.T.: -0.007 min
Response: 6399809
Conc: 47.08 ug/ml



#4 N-TETRADECANE

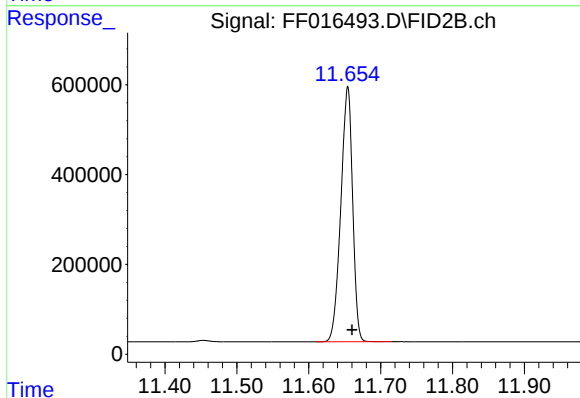
R.T.: 8.598 min
Delta R.T.: -0.007 min
Response: 6388874
Conc: 45.82 ug/ml



#5 N-HEXADECANE

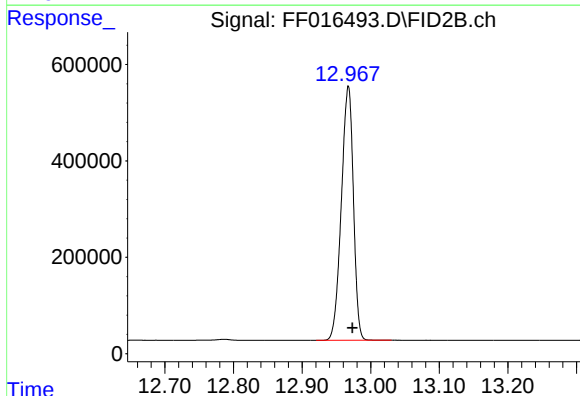
R.T.: 10.207 min
Delta R.T.: -0.007 min
Response: 6395386
Conc: 45.02 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



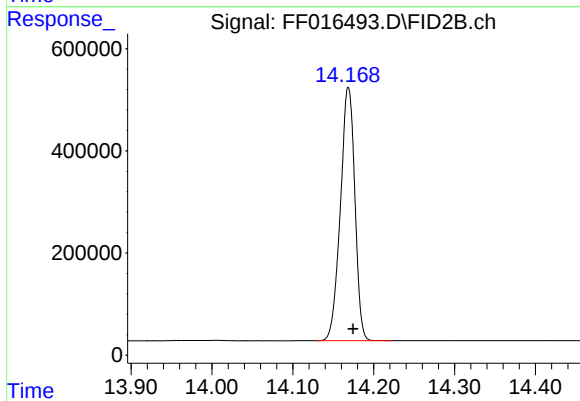
#6 N-OCTADECANE

R.T.: 11.654 min
Delta R.T.: -0.006 min
Response: 6470048
Conc: 44.01 ug/ml



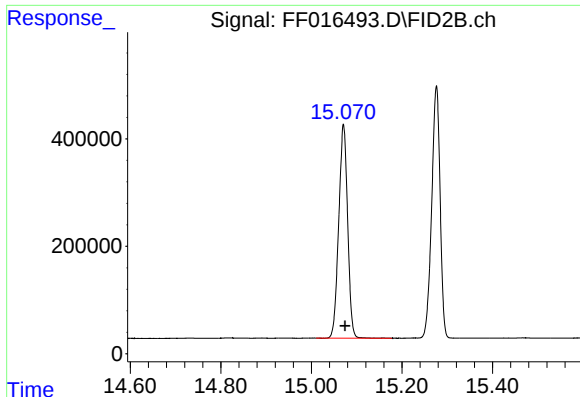
#7 N-EICOSANE

R.T.: 12.967 min
Delta R.T.: -0.006 min
Response: 6428168
Conc: 43.09 ug/ml



#8 N-DOCOSANE

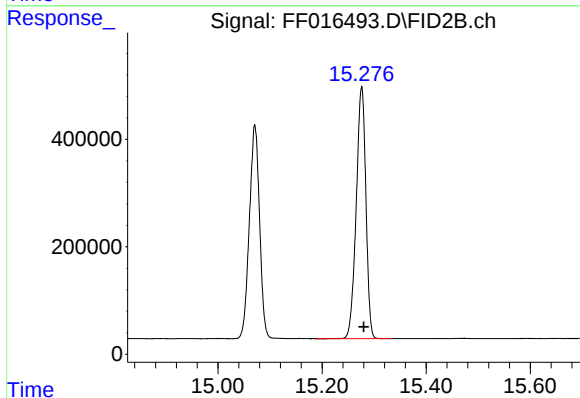
R.T.: 14.169 min
Delta R.T.: -0.006 min
Response: 6160920
Conc: 42.37 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

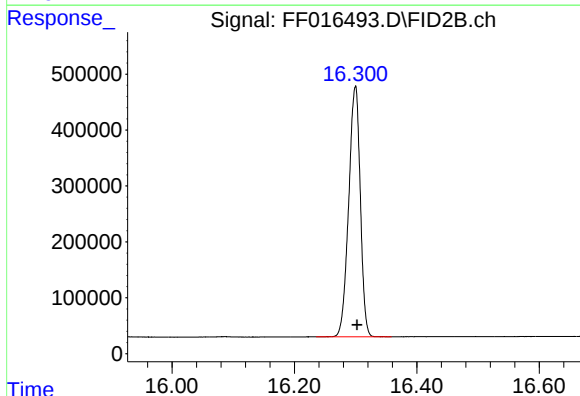
R.T.: 15.071 min
Delta R.T.: -0.004 min
Response: 5420032
Conc: 41.86 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



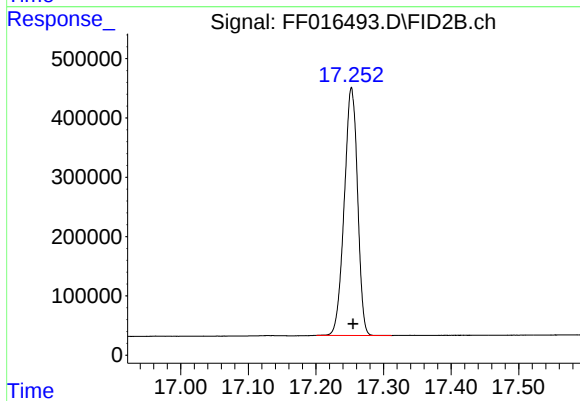
#10 N-TETRACOSANE

R.T.: 15.276 min
Delta R.T.: -0.004 min
Response: 6049114
Conc: 41.74 ug/ml



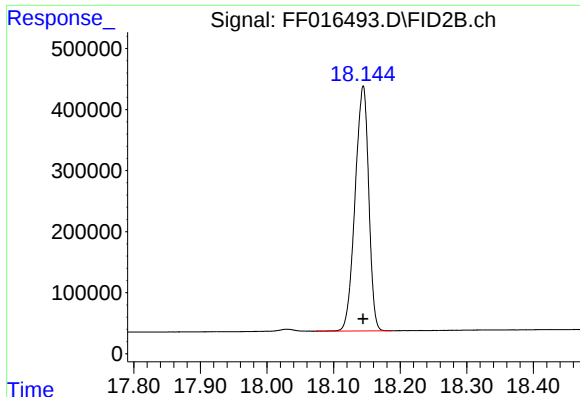
#11 N-HEXACOSANE

R.T.: 16.300 min
Delta R.T.: -0.003 min
Response: 5895350
Conc: 41.26 ug/ml



#12 N-OCTACOSANE

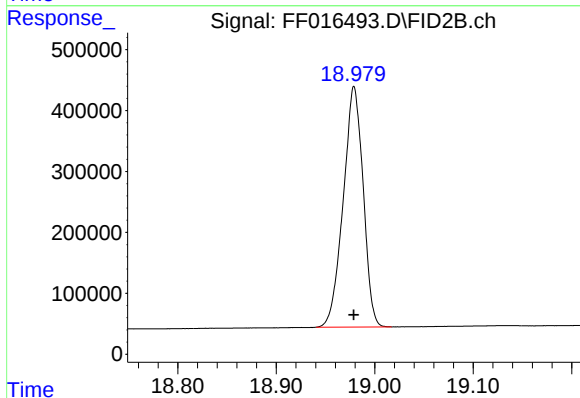
R.T.: 17.253 min
Delta R.T.: -0.002 min
Response: 5710304
Conc: 41.05 ug/ml



#13 N-TRIACONTANE

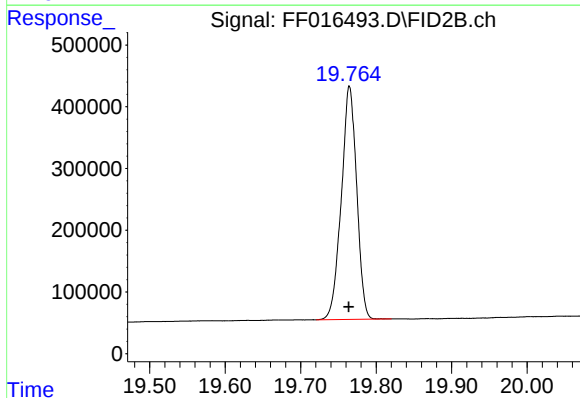
R.T.: 18.145 min
Delta R.T.: 0.000 min
Response: 5694789
Conc: 41.21 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



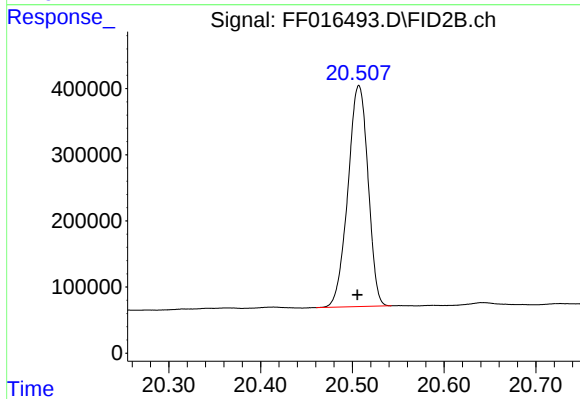
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: 0.000 min
Response: 5554118
Conc: 43.00 ug/ml



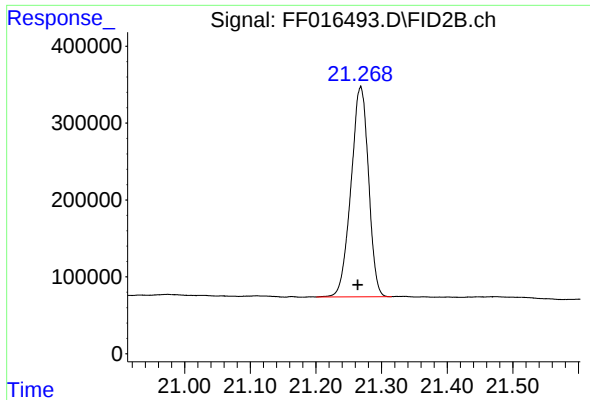
#15 N-TETRATRIACONTANE

R.T.: 19.765 min
Delta R.T.: 0.001 min
Response: 5355760
Conc: 48.82 ug/ml



#16 N-HEXATRIACONTANE

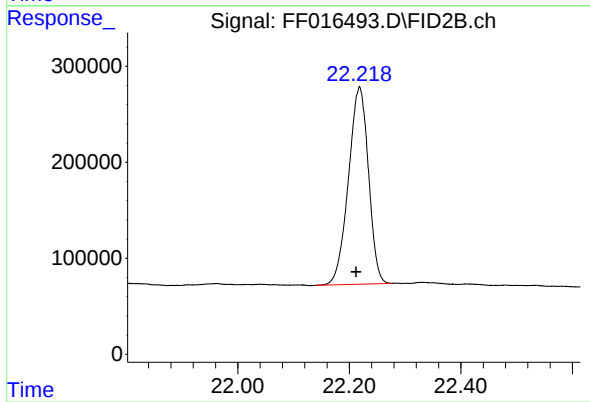
R.T.: 20.507 min
Delta R.T.: 0.002 min
Response: 5092003
Conc: 57.84 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.268 min
Delta R.T.: 0.004 min
Response: 5068821
Conc: 68.23 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.218 min
Delta R.T.: 0.006 min
Response: 5109173
Conc: 78.18 ug/ml