

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070925\
 Data File : FF016117.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jul 2025 10:02
 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: Jul 10 02:50:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 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...	15.107	6134879	50.809 ug/ml
Target Compounds			
1) N-OCTANE	2.075	6851393	53.995 ug/ml
2) N-DECANE	4.619	7022099	53.595 ug/ml
3) N-DODECANE	6.798	7037760	52.853 ug/ml
4) N-TETRADECANE	8.632	7013068	52.327 ug/ml
5) N-HEXADECANE	10.242	7043348	52.152 ug/ml
6) N-OCTADECANE	11.689	7170135	51.720 ug/ml
7) N-EICOSANE	13.003	7187773	51.475 ug/ml
8) N-DOCOSANE	14.204	6960992	51.234 ug/ml
10) N-TETRACOSANE	15.312	6913832	51.014 ug/ml
11) N-HEXACOSANE	16.336	6773079	50.456 ug/ml
12) N-OCTACOSANE	17.290	6646766	50.347 ug/ml
13) N-TRIACONTANE	18.179	6695324	50.697 ug/ml
14) N-DOTRIACONTANE	19.015	6530871	51.332 ug/ml
15) N-TETRATRIACONTANE	19.801	6092188	54.477 ug/ml
16) N-HEXATRIACONTANE	20.544	5743204	61.428 ug/ml
17) N-OCTATRIACONTANE	21.312	5655543	69.650 ug/ml
18) N-TETRACONTANE	22.279f	1637352	23.347 ug/ml

(f)=RT Delta > 1/2 Window

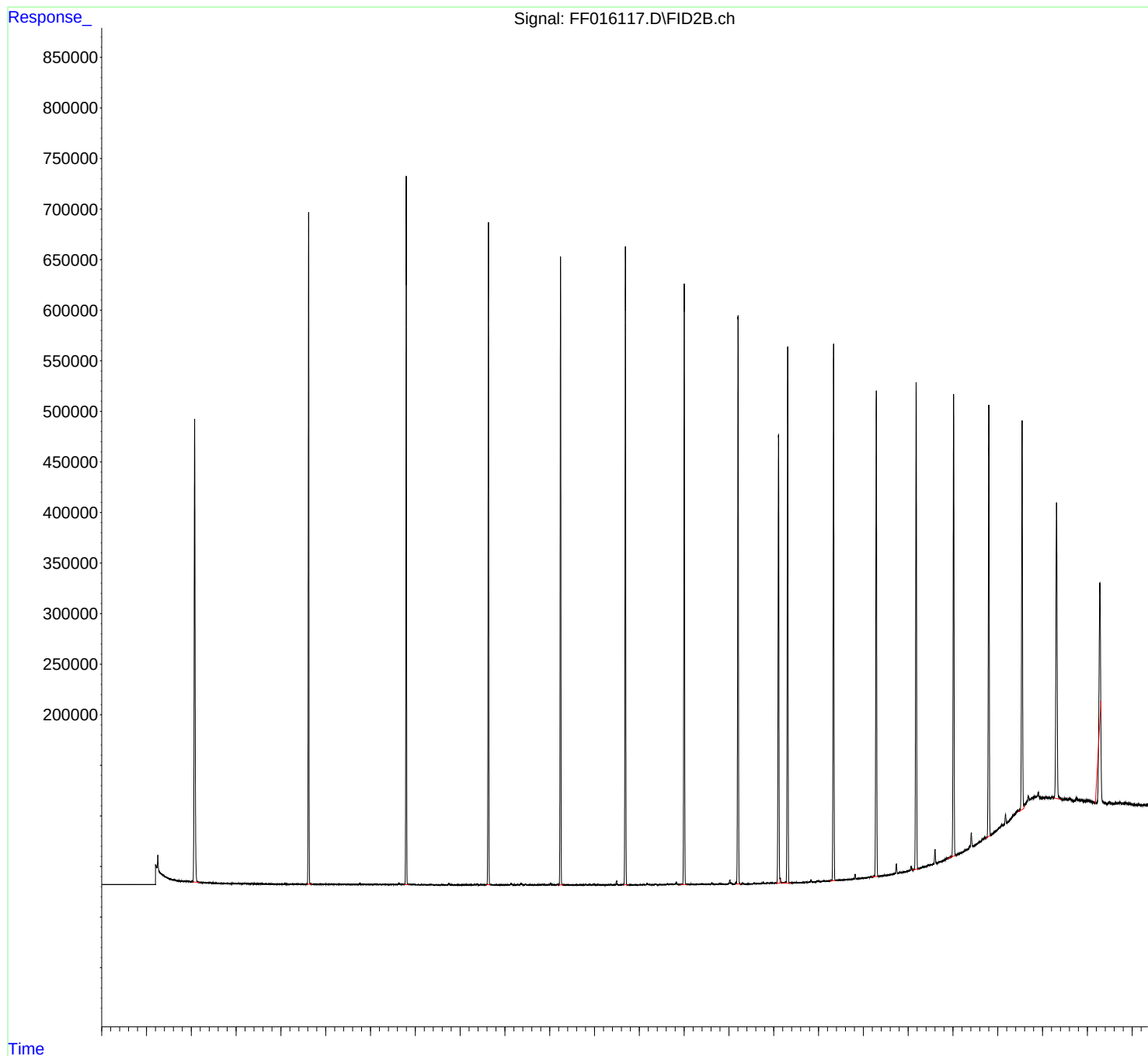
(m)=manual int.

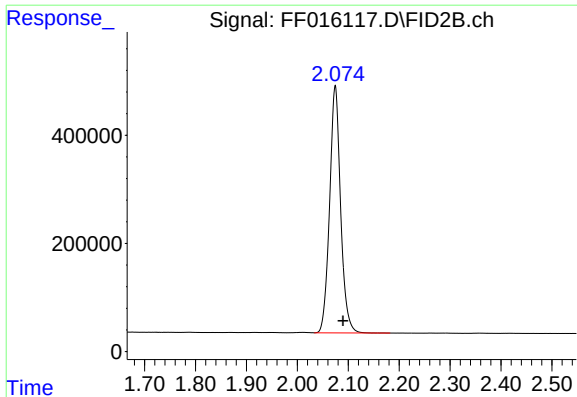
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

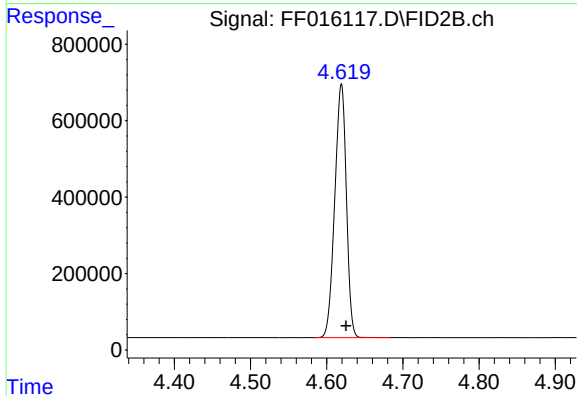




#1 N-OCTANE

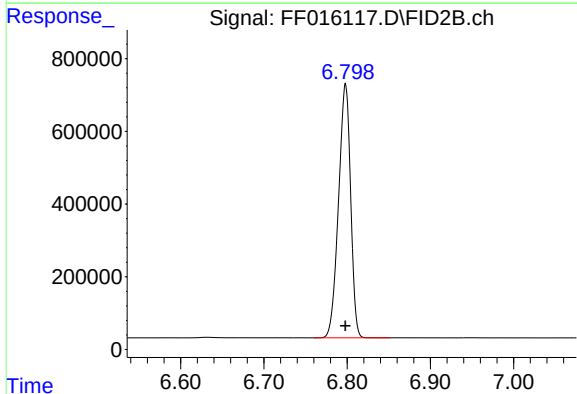
R.T.: 2.075 min
Delta R.T.: -0.015 min
Response: 6851393
Conc: 54.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



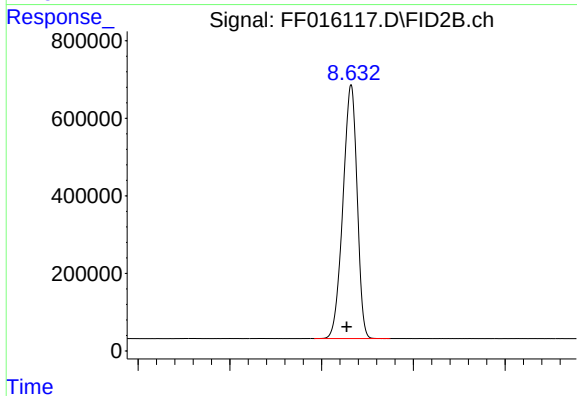
#2 N-DECANE

R.T.: 4.619 min
Delta R.T.: -0.006 min
Response: 7022099
Conc: 53.59 ug/ml



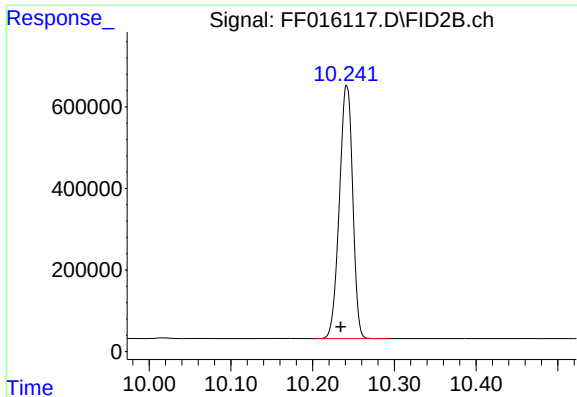
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 7037760
Conc: 52.85 ug/ml



#4 N-TETRADECANE

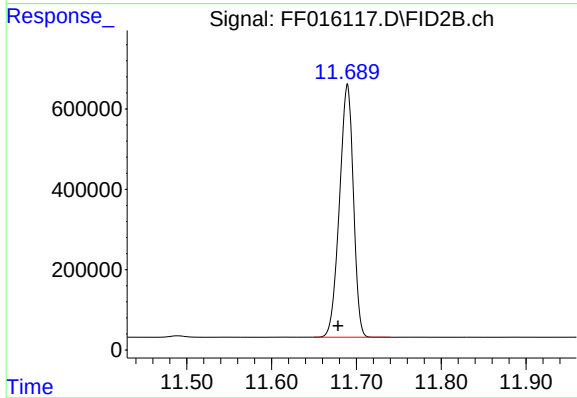
R.T.: 8.632 min
Delta R.T.: 0.005 min
Response: 7013068
Conc: 52.33 ug/ml



#5 N-HEXADECANE

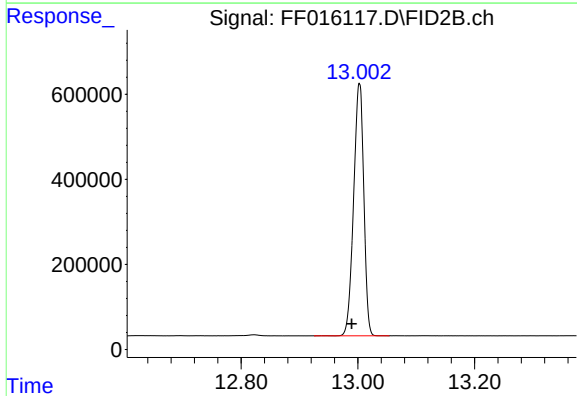
R.T.: 10.242 min
Delta R.T.: 0.007 min
Response: 7043348
Conc: 52.15 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



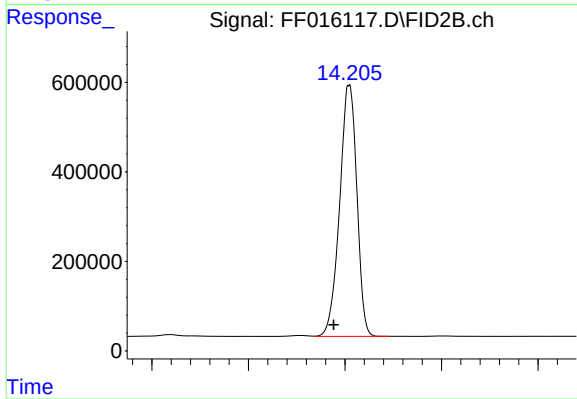
#6 N-OCTADECANE

R.T.: 11.689 min
Delta R.T.: 0.011 min
Response: 7170135
Conc: 51.72 ug/ml



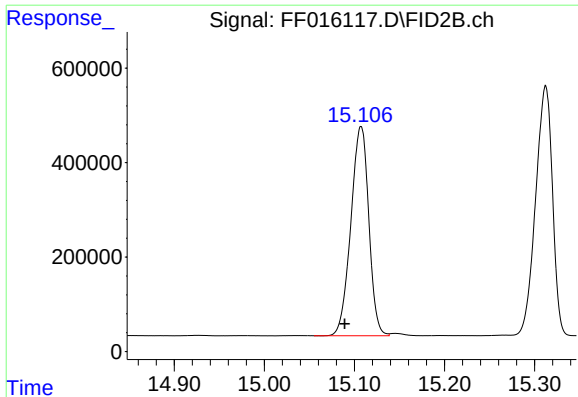
#7 N-EICOSANE

R.T.: 13.003 min
Delta R.T.: 0.013 min
Response: 7187773
Conc: 51.47 ug/ml



#8 N-DOCOSANE

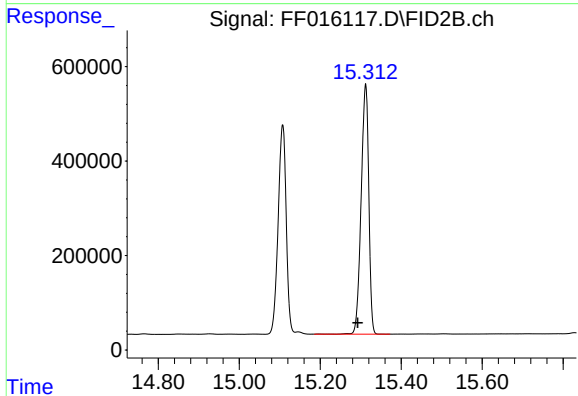
R.T.: 14.204 min
Delta R.T.: 0.016 min
Response: 6960992
Conc: 51.23 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

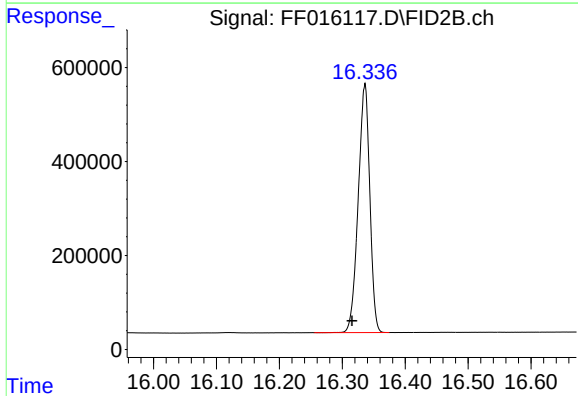
R.T.: 15.107 min
Delta R.T.: 0.018 min
Response: 6134879
Conc: 50.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



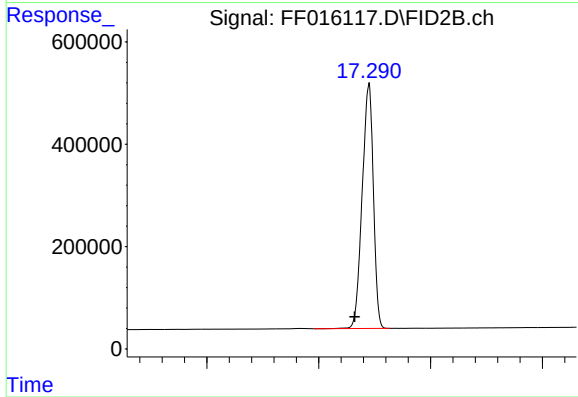
#10 N-TETRACOSANE

R.T.: 15.312 min
Delta R.T.: 0.019 min
Response: 6913832
Conc: 51.01 ug/ml



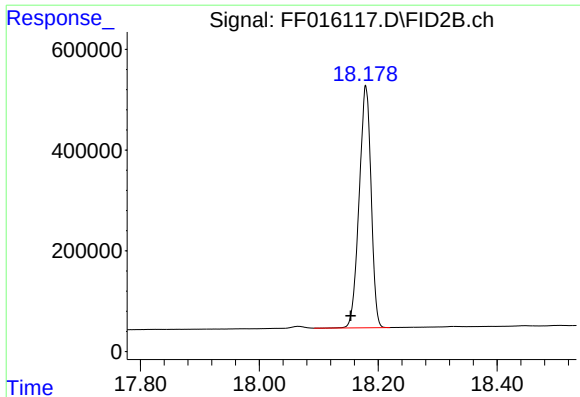
#11 N-HEXACOSANE

R.T.: 16.336 min
Delta R.T.: 0.021 min
Response: 6773079
Conc: 50.46 ug/ml



#12 N-OCTACOSANE

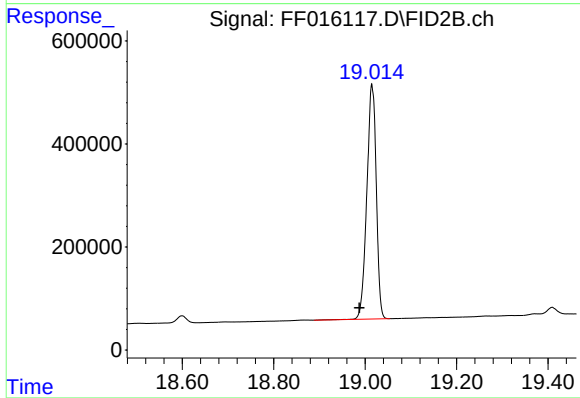
R.T.: 17.290 min
Delta R.T.: 0.026 min
Response: 6646766
Conc: 50.35 ug/ml



#13 N-TRIACONTANE

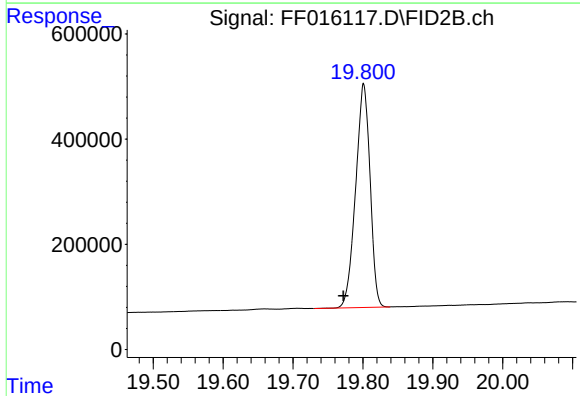
R.T.: 18.179 min
Delta R.T.: 0.026 min
Response: 6695324
Conc: 50.70 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



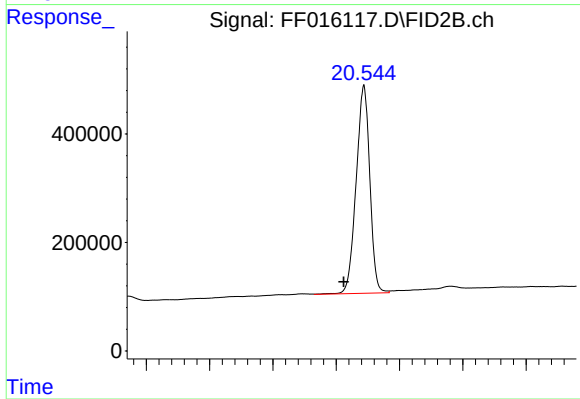
#14 N-DOTRIACONTANE

R.T.: 19.015 min
Delta R.T.: 0.027 min
Response: 6530871
Conc: 51.33 ug/ml



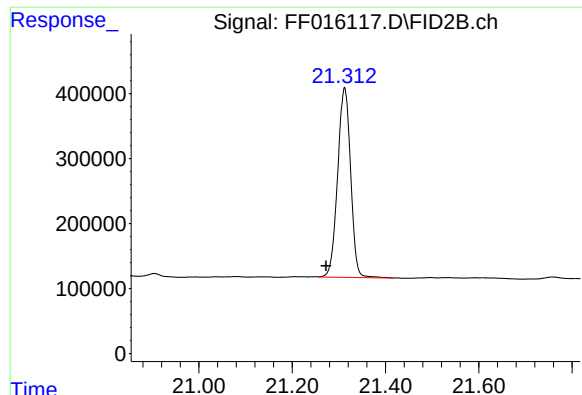
#15 N-TETRATRIACONTANE

R.T.: 19.801 min
Delta R.T.: 0.029 min
Response: 6092188
Conc: 54.48 ug/ml



#16 N-HEXATRIACONTANE

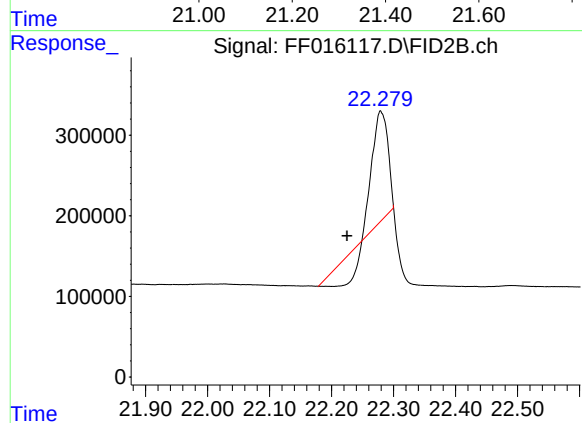
R.T.: 20.544 min
Delta R.T.: 0.032 min
Response: 5743204
Conc: 61.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.312 min
Delta R.T.: 0.040 min
Response: 5655543
Conc: 69.65 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.279 min
Delta R.T.: 0.054 min
Response: 1637352
Conc: 23.35 ug/ml