

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF063025\
 Data File : FF016056.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2025 02:08
 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: Jul 01 03:18:25 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...	15.096	5855996	48.499 ug/ml
Target Compounds			
1) N-OCTANE	2.082	6289553	49.567 ug/ml
2) N-DECANE	4.621	6563067	50.091 ug/ml
3) N-DODECANE	6.796	6685594	50.208 ug/ml
4) N-TETRADECANE	8.629	6683179	49.866 ug/ml
5) N-HEXADECANE	10.237	6694046	49.565 ug/ml
6) N-OCTADECANE	11.683	6807988	49.108 ug/ml
7) N-EICOSANE	12.995	6807379	48.750 ug/ml
8) N-DOCOSANE	14.196	6599785	48.575 ug/ml
10) N-TETRACOSANE	15.301	6554051	48.359 ug/ml
11) N-HEXACOSANE	16.325	6443992	48.005 ug/ml
12) N-OCTACOSANE	17.277	6293074	47.668 ug/ml
13) N-TRIACONTANE	18.167	6255332	47.366 ug/ml
14) N-DOTRIACONTANE	19.002	6011482	47.249 ug/ml
15) N-TETRATRIACONTANE	19.787	5561387	49.730 ug/ml
16) N-HEXATRIACONTANE	20.528	5037741	53.883 ug/ml
17) N-OCTATRIACONTANE	21.293	5169567	63.665 ug/ml
18) N-TETRACONTANE	22.249	4475878	63.823 ug/ml

(f)=RT Delta > 1/2 Window

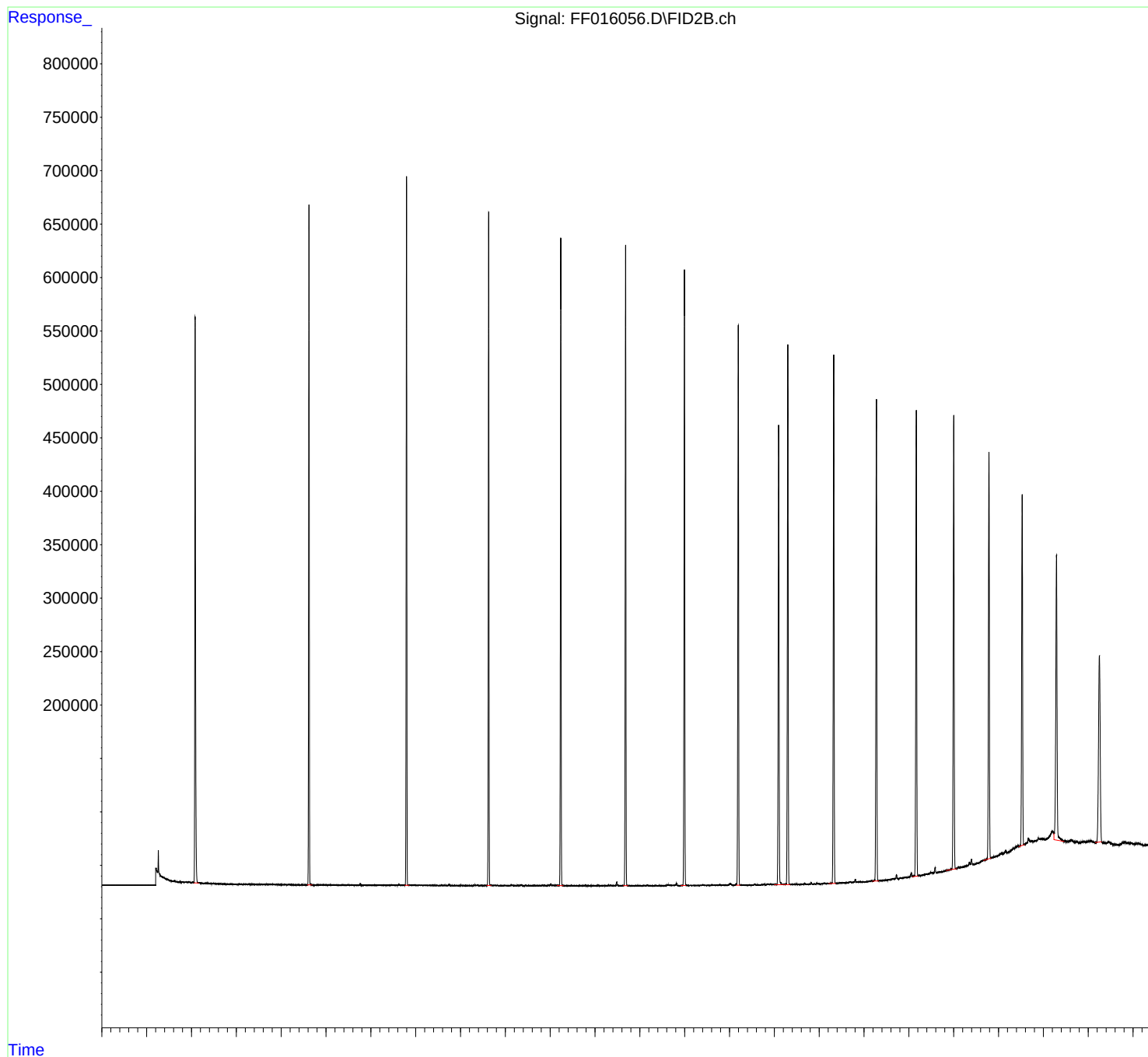
(m)=manual int.

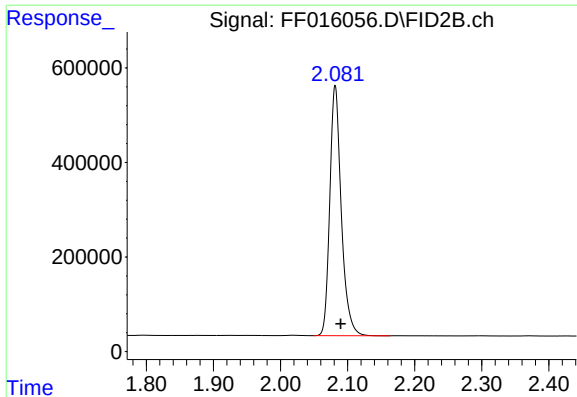
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

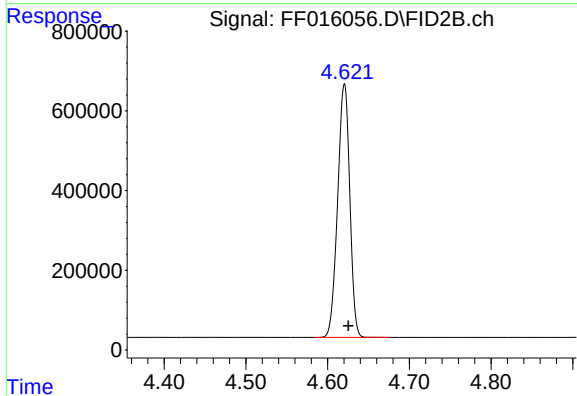




#1 N-OCTANE

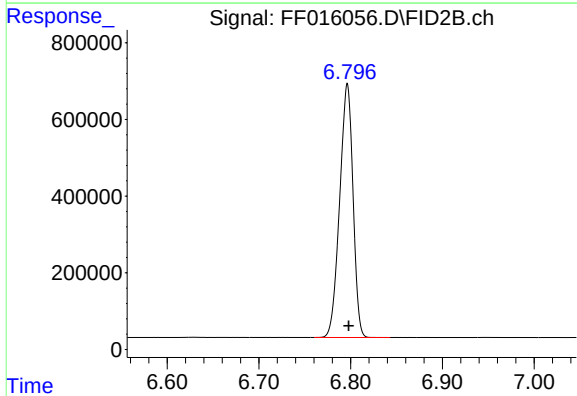
R.T.: 2.082 min
Delta R.T.: -0.008 min
Response: 6289553
Conc: 49.57 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



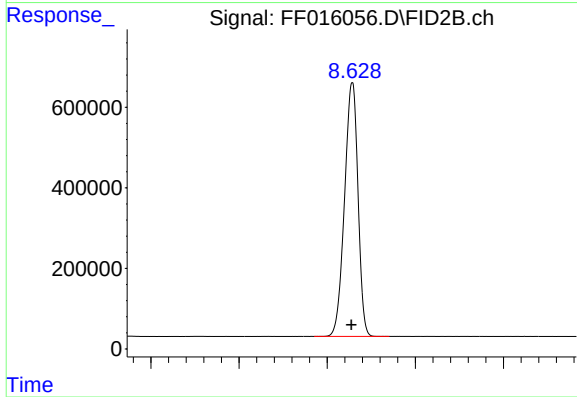
#2 N-DECANE

R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 6563067
Conc: 50.09 ug/ml



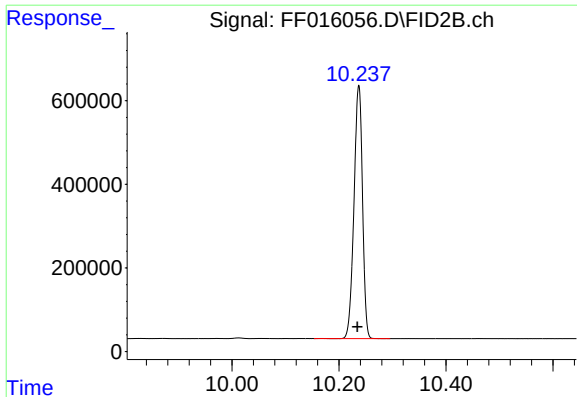
#3 N-DODECANE

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 6685594
Conc: 50.21 ug/ml



#4 N-TETRADECANE

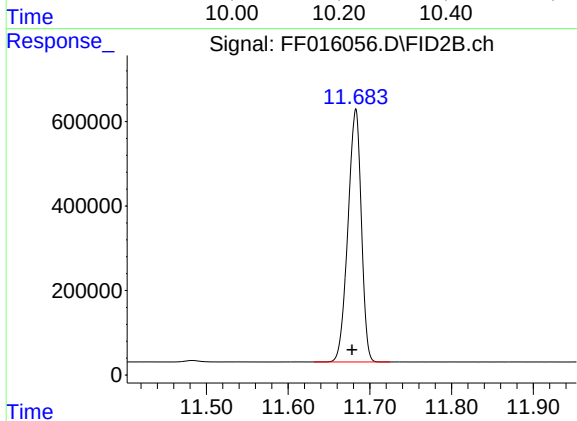
R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 6683179
Conc: 49.87 ug/ml



#5 N-HEXADECANE

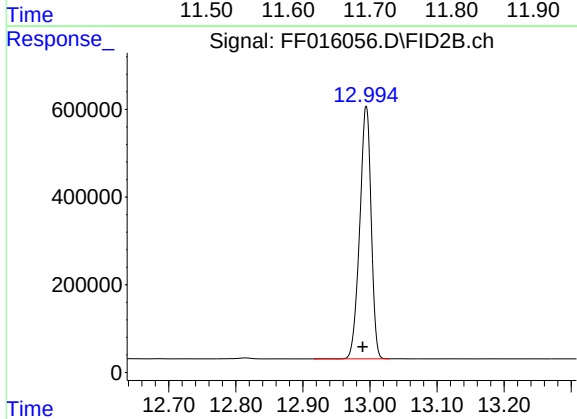
R.T.: 10.237 min
Delta R.T.: 0.003 min
Response: 6694046
Conc: 49.57 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



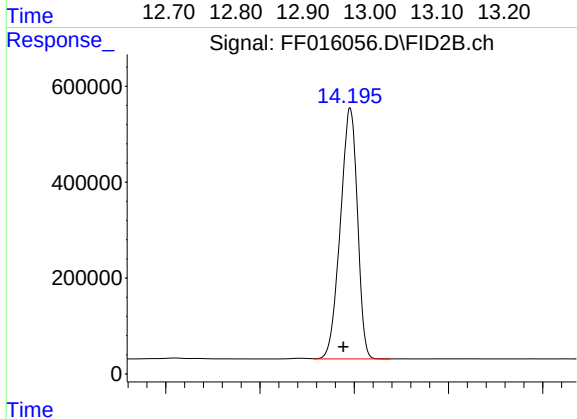
#6 N-OCTADECANE

R.T.: 11.683 min
Delta R.T.: 0.005 min
Response: 6807988
Conc: 49.11 ug/ml



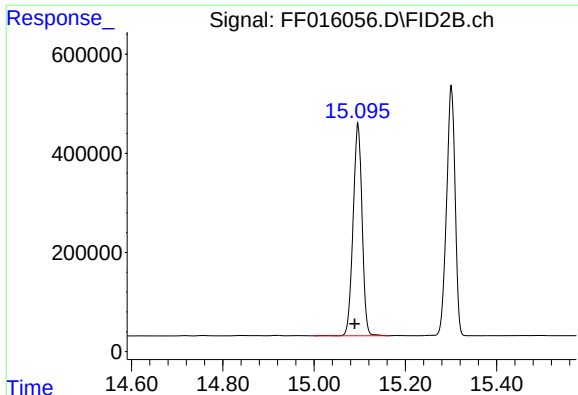
#7 N-EICOSANE

R.T.: 12.995 min
Delta R.T.: 0.005 min
Response: 6807379
Conc: 48.75 ug/ml



#8 N-DOCOSANE

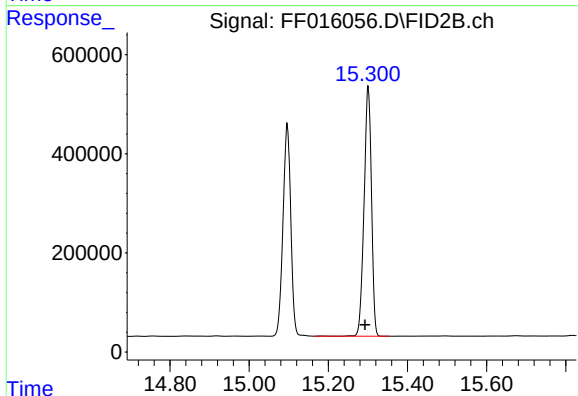
R.T.: 14.196 min
Delta R.T.: 0.007 min
Response: 6599785
Conc: 48.58 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

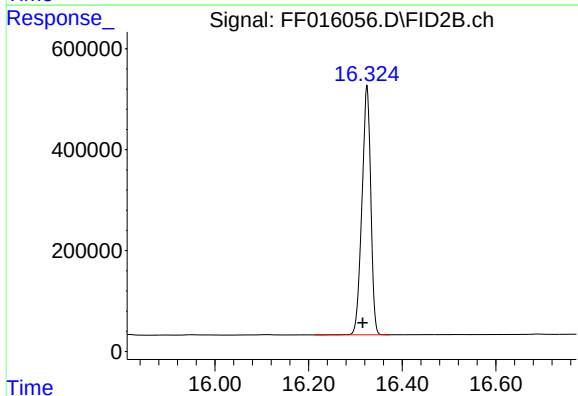
R.T.: 15.096 min
Delta R.T.: 0.007 min
Response: 5855996
Conc: 48.50 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



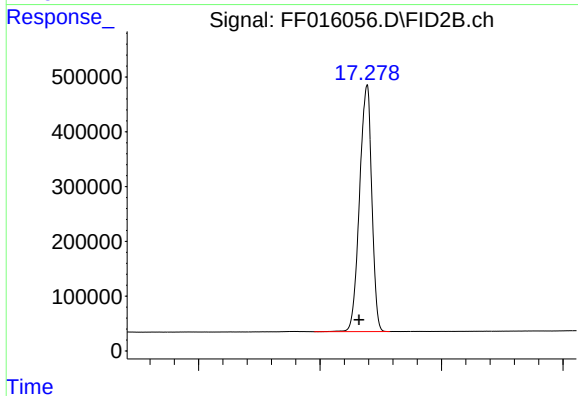
#10 N-TETRACOSANE

R.T.: 15.301 min
Delta R.T.: 0.008 min
Response: 6554051
Conc: 48.36 ug/ml



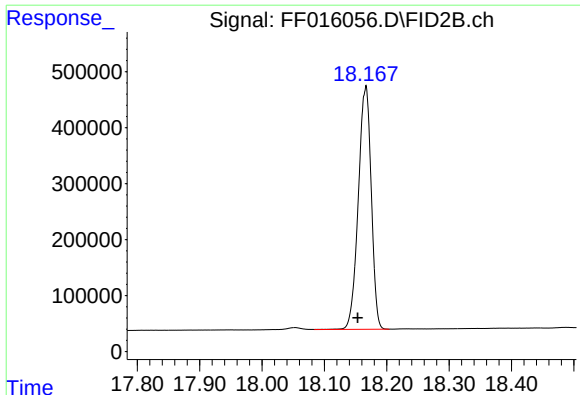
#11 N-HEXACOSANE

R.T.: 16.325 min
Delta R.T.: 0.009 min
Response: 6443992
Conc: 48.00 ug/ml



#12 N-OCTACOSANE

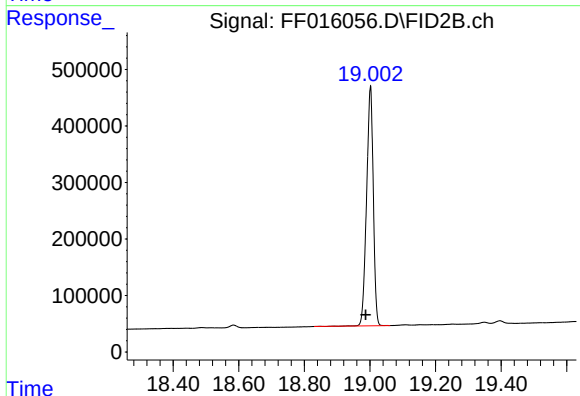
R.T.: 17.277 min
Delta R.T.: 0.013 min
Response: 6293074
Conc: 47.67 ug/ml



#13 N-TRIACONTANE

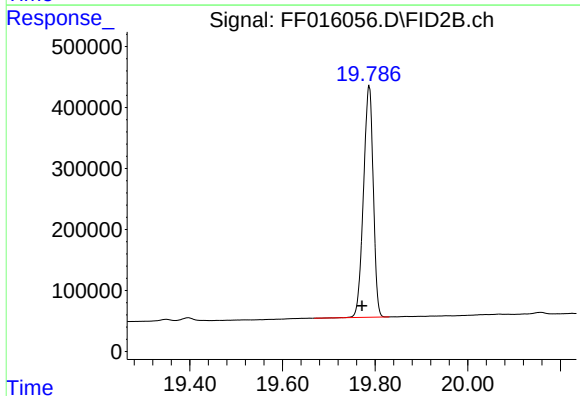
R.T.: 18.167 min
Delta R.T.: 0.013 min
Response: 6255332
Conc: 47.37 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



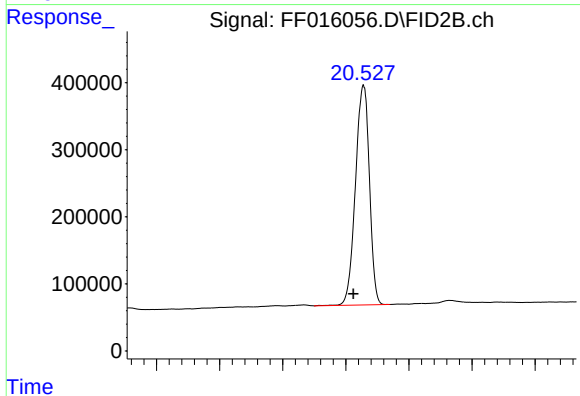
#14 N-DOTRIACONTANE

R.T.: 19.002 min
Delta R.T.: 0.014 min
Response: 6011482
Conc: 47.25 ug/ml



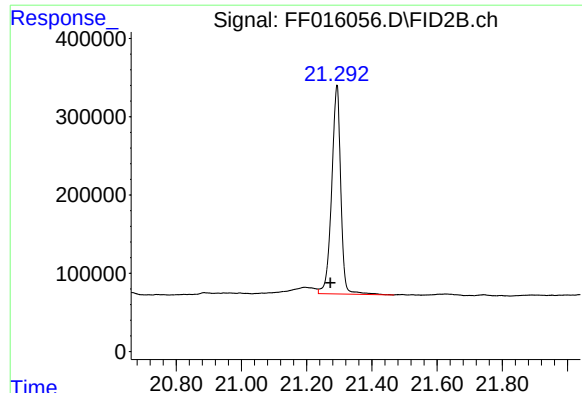
#15 N-TETRATRIACONTANE

R.T.: 19.787 min
Delta R.T.: 0.015 min
Response: 5561387
Conc: 49.73 ug/ml



#16 N-HEXATRIACONTANE

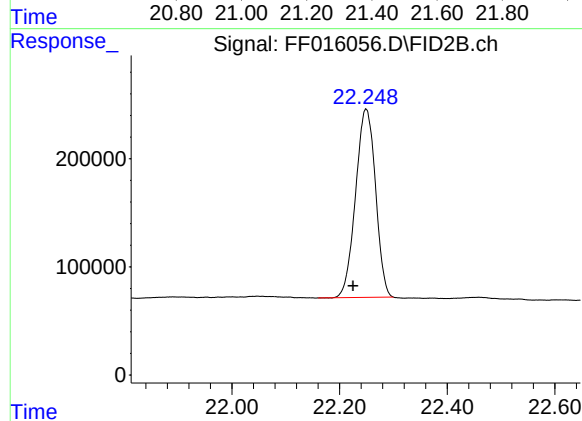
R.T.: 20.528 min
Delta R.T.: 0.016 min
Response: 5037741
Conc: 53.88 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.293 min
Delta R.T.: 0.021 min
Response: 5169567
Conc: 63.66 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.249 min
Delta R.T.: 0.024 min
Response: 4475878
Conc: 63.82 ug/ml