

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070225\
 Data File : FF016074.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2025 18:06
 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 03 03:22:06 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...	15.094	5642914	46.734 ug/ml
Target Compounds			
1) N-OCTANE	2.077	6577532	51.837 ug/ml
2) N-DECANE	4.617	6760199	51.596 ug/ml
3) N-DODECANE	6.794	6631129	49.799 ug/ml
4) N-TETRADECANE	8.626	6539598	48.794 ug/ml
5) N-HEXADECANE	10.235	6480698	47.986 ug/ml
6) N-OCTADECANE	11.681	6566188	47.364 ug/ml
7) N-EICOSANE	12.993	6621309	47.418 ug/ml
8) N-DOCOSANE	14.193	6424144	47.282 ug/ml
10) N-TETRACOSANE	15.299	6426533	47.418 ug/ml
11) N-HEXACOSANE	16.322	6370546	47.458 ug/ml
12) N-OCTACOSANE	17.274	6387552	48.384 ug/ml
13) N-TRIACONTANE	18.165	6616051	50.097 ug/ml
14) N-DOTRIACONTANE	19.000	6468164	50.839 ug/ml
15) N-TETRATRIACONTANE	19.785	5895207	52.715 ug/ml
16) N-HEXATRIACONTANE	20.525	5093936	54.484 ug/ml
17) N-OCTATRIACONTANE	21.291	4531517	55.807 ug/ml
18) N-TETRACONTANE	22.247	4143297	59.080 ug/ml

(f)=RT Delta > 1/2 Window

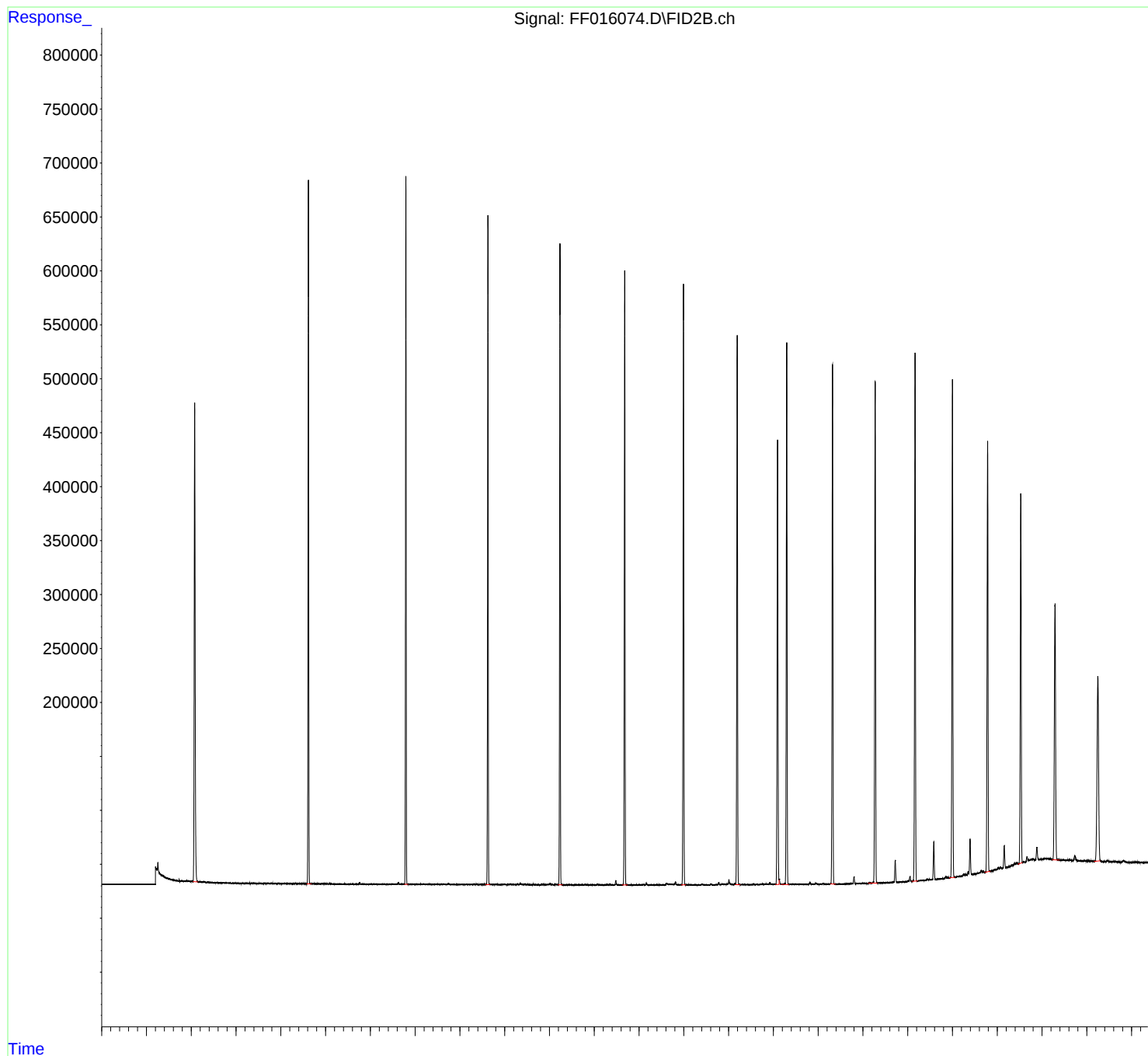
(m)=manual int.

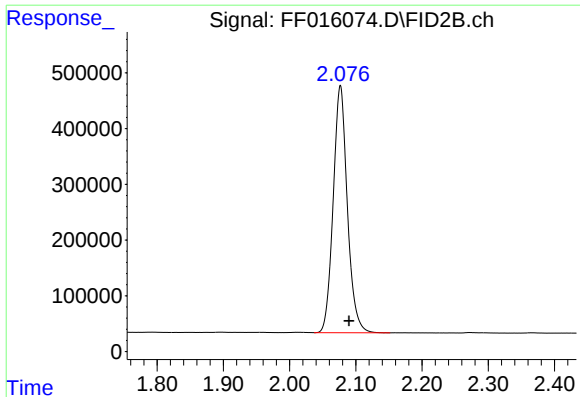
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Signal Info : 20mx0.18mmx0.18um

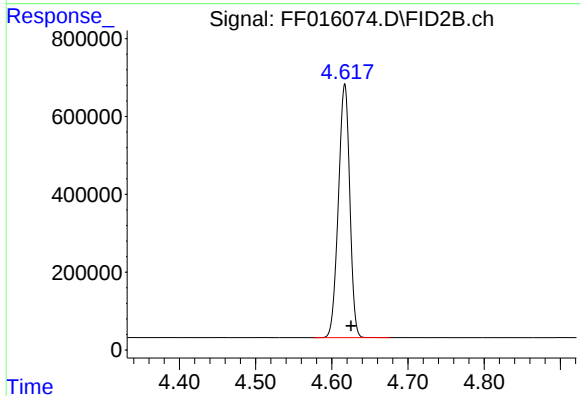




#1 N-OCTANE

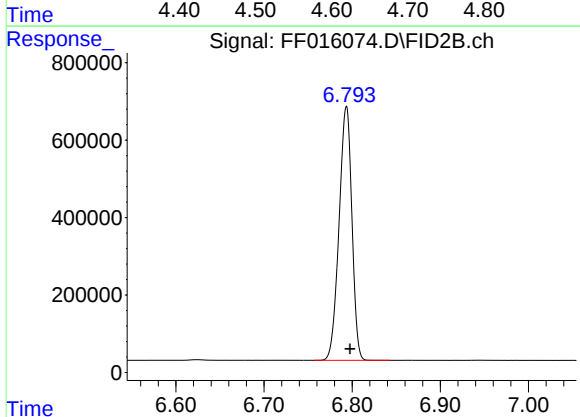
R.T.: 2.077 min
Delta R.T.: -0.013 min
Response: 6577532
Conc: 51.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



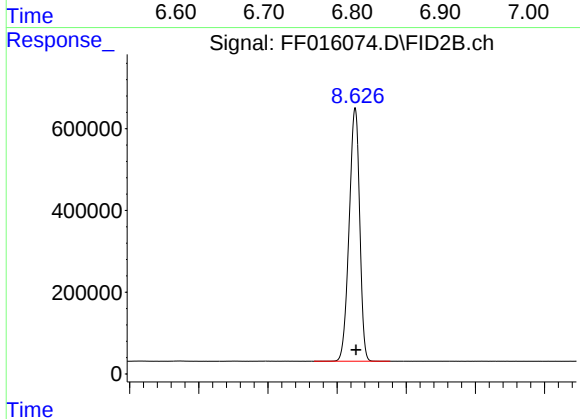
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 6760199
Conc: 51.60 ug/ml



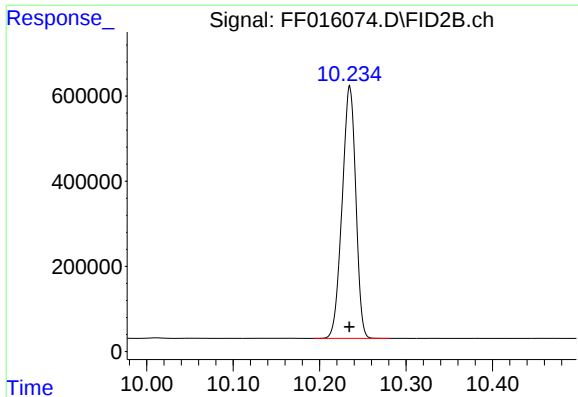
#3 N-DODECANE

R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 6631129
Conc: 49.80 ug/ml



#4 N-TETRADECANE

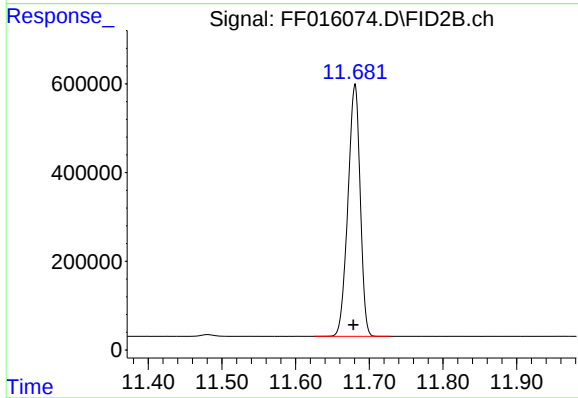
R.T.: 8.626 min
Delta R.T.: -0.001 min
Response: 6539598
Conc: 48.79 ug/ml



#5 N-HEXADECANE

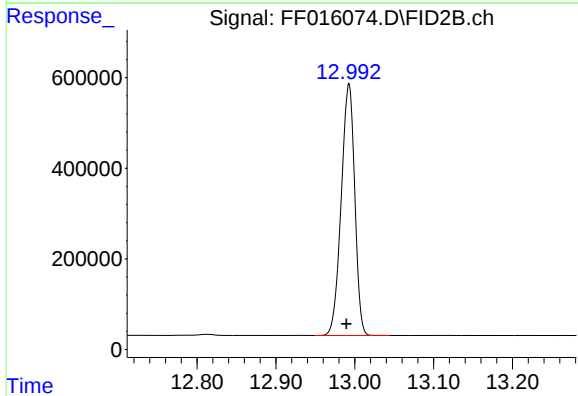
R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 6480698
Conc: 47.99 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



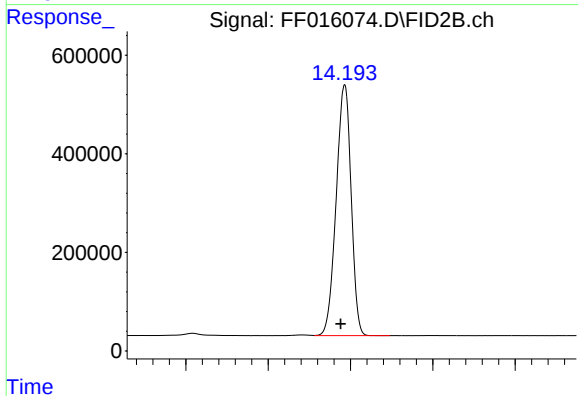
#6 N-OCTADECANE

R.T.: 11.681 min
Delta R.T.: 0.002 min
Response: 6566188
Conc: 47.36 ug/ml



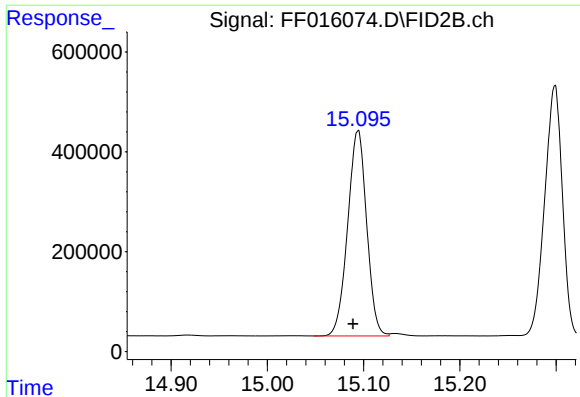
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.003 min
Response: 6621309
Conc: 47.42 ug/ml



#8 N-DOCOSANE

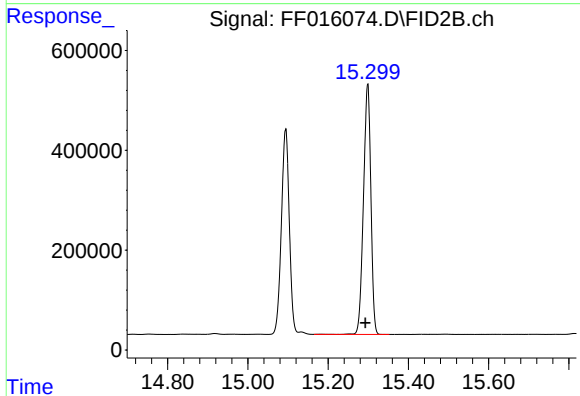
R.T.: 14.193 min
Delta R.T.: 0.005 min
Response: 6424144
Conc: 47.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

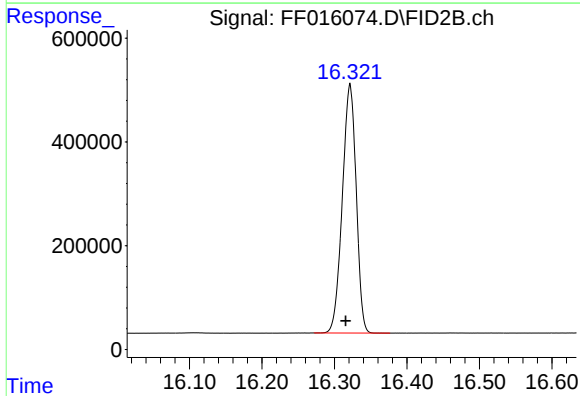
R.T.: 15.094 min
Delta R.T.: 0.005 min
Response: 5642914
Conc: 46.73 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



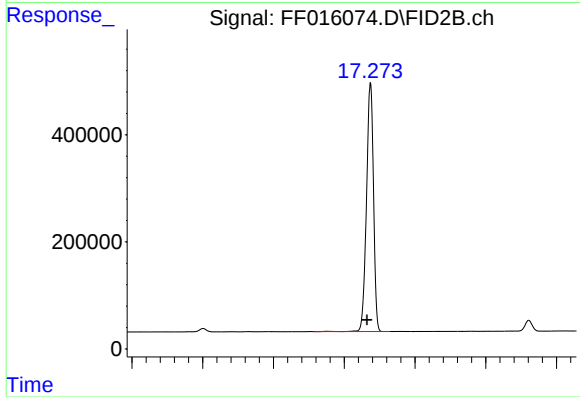
#10 N-TETRACOSANE

R.T.: 15.299 min
Delta R.T.: 0.006 min
Response: 6426533
Conc: 47.42 ug/ml



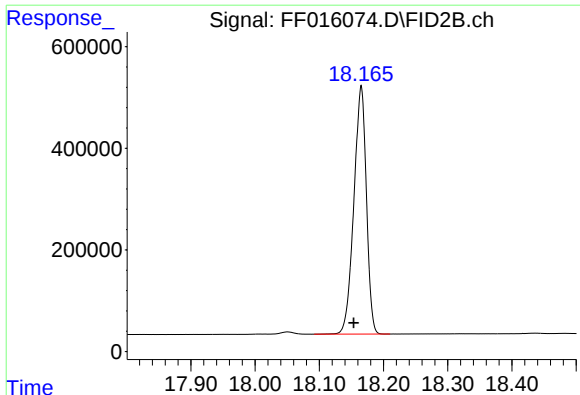
#11 N-HEXACOSANE

R.T.: 16.322 min
Delta R.T.: 0.006 min
Response: 6370546
Conc: 47.46 ug/ml



#12 N-OCTACOSANE

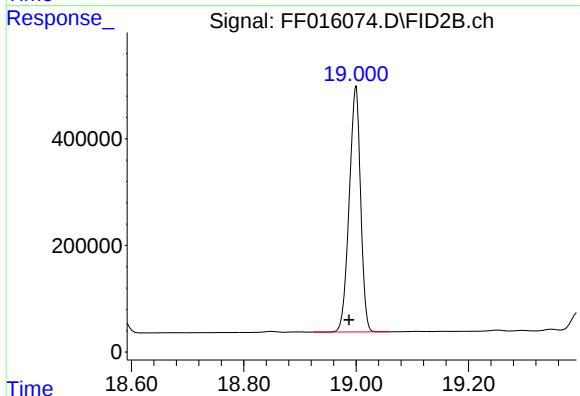
R.T.: 17.274 min
Delta R.T.: 0.010 min
Response: 6387552
Conc: 48.38 ug/ml



#13 N-TRIACONTANE

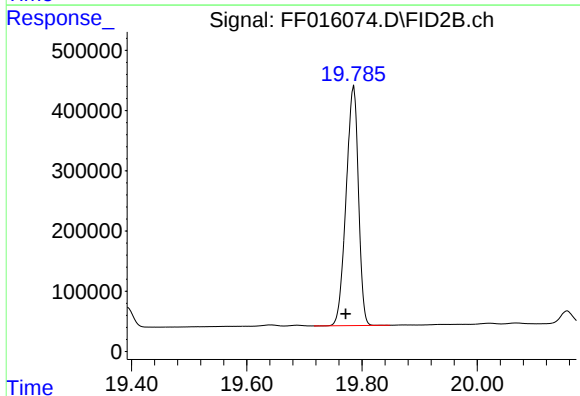
R.T.: 18.165 min
Delta R.T.: 0.012 min
Response: 6616051
Conc: 50.10 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



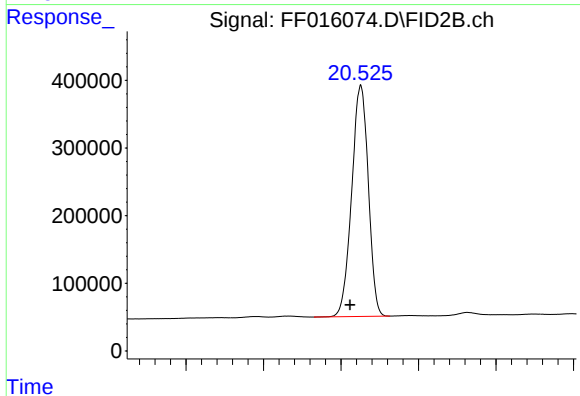
#14 N-DOTRIACONTANE

R.T.: 19.000 min
Delta R.T.: 0.012 min
Response: 6468164
Conc: 50.84 ug/ml



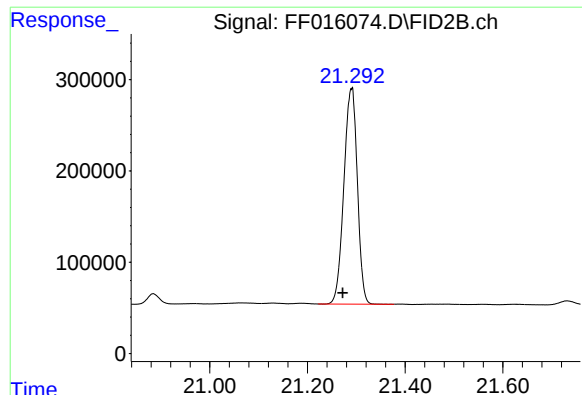
#15 N-TETRATRIACONTANE

R.T.: 19.785 min
Delta R.T.: 0.013 min
Response: 5895207
Conc: 52.72 ug/ml



#16 N-HEXATRIACONTANE

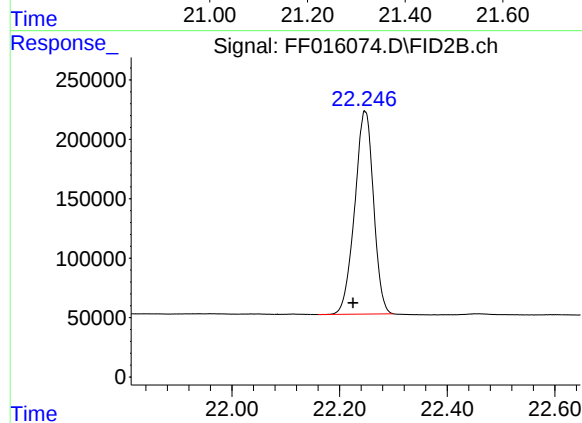
R.T.: 20.525 min
Delta R.T.: 0.014 min
Response: 5093936
Conc: 54.48 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.291 min
Delta R.T.: 0.018 min
Response: 4531517
Conc: 55.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.247 min
Delta R.T.: 0.022 min
Response: 4143297
Conc: 59.08 ug/ml