

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070225\
 Data File : FF016063.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2025 11:53
 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 03:19:49 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	6168210	51.085 ug/ml
Target Compounds			
1) N-OCTANE	2.074	6347668	50.025 ug/ml
2) N-DECANE	4.614	6877294	52.489 ug/ml
3) N-DODECANE	6.792	7031467	52.805 ug/ml
4) N-TETRADECANE	8.625	7134739	53.235 ug/ml
5) N-HEXADECANE	10.234	7154891	52.978 ug/ml
6) N-OCTADECANE	11.680	7271318	52.450 ug/ml
7) N-EICOSANE	12.993	7312900	52.371 ug/ml
8) N-DOCOSANE	14.194	7053886	51.917 ug/ml
10) N-TETRACOSANE	15.299	6995959	51.620 ug/ml
11) N-HEXACOSANE	16.323	6886331	51.300 ug/ml
12) N-OCTACOSANE	17.276	6856843	51.938 ug/ml
13) N-TRIACONTANE	18.166	7040830	53.314 ug/ml
14) N-DOTRIACONTANE	19.000	6845296	53.803 ug/ml
15) N-TETRATRIACONTANE	19.785	6209786	55.528 ug/ml
16) N-HEXATRIACONTANE	20.528	5350582	57.229 ug/ml
17) N-OCTATRIACONTANE	21.292	4722446	58.158 ug/ml
18) N-TETRACONTANE	22.253	4298123	61.288 ug/ml

(f)=RT Delta > 1/2 Window

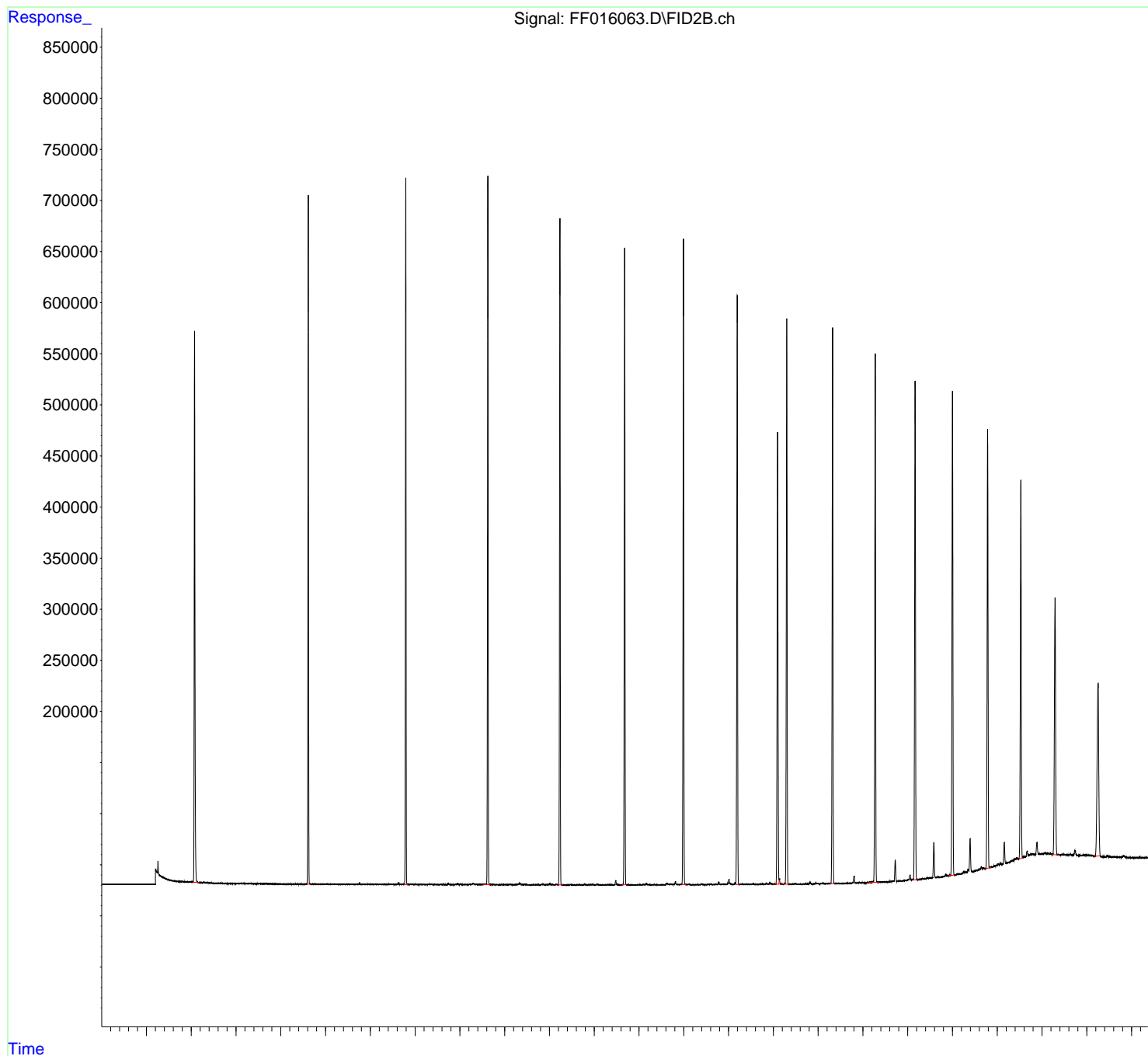
(m)=manual int.

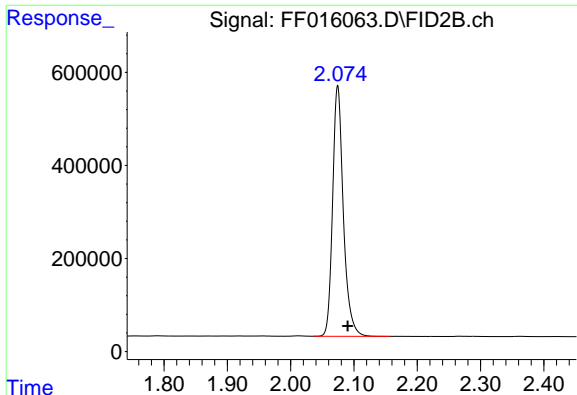
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 Signal Info : 20mx0.18mmx0.18um

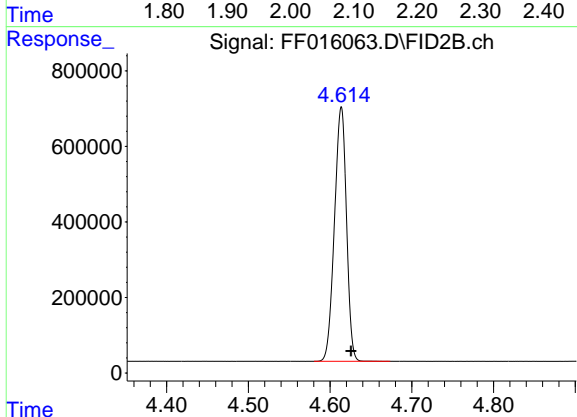




#1 N-OCTANE

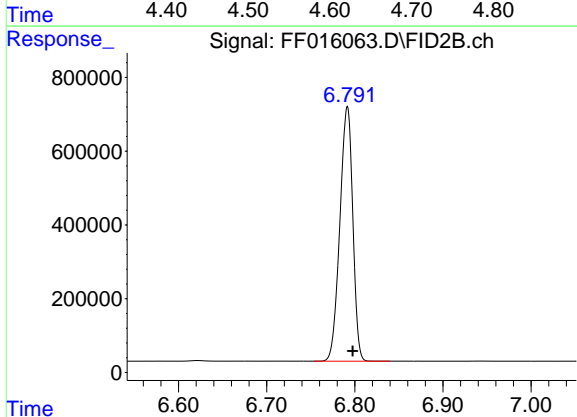
R.T.: 2.074 min
 Delta R.T.: -0.016 min
 Response: 6347668
 Conc: 50.03 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



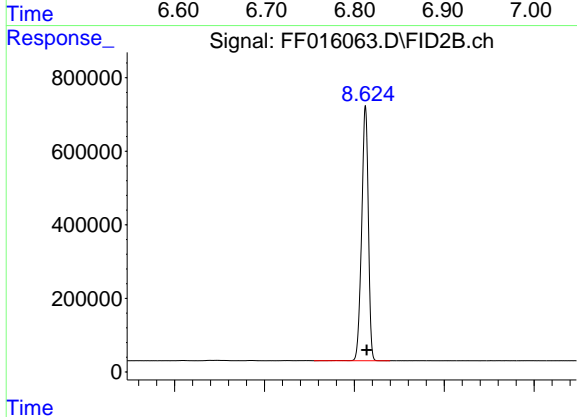
#2 N-DECANE

R.T.: 4.614 min
 Delta R.T.: -0.012 min
 Response: 6877294
 Conc: 52.49 ug/ml



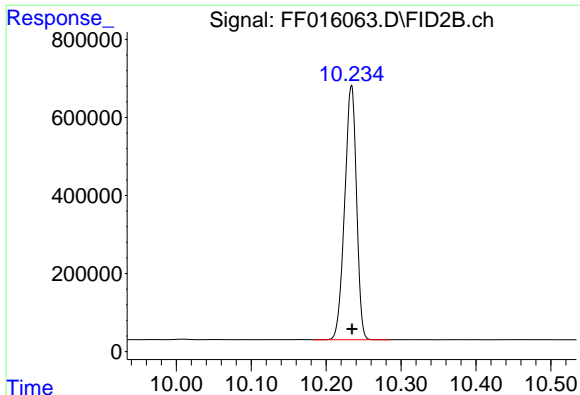
#3 N-DODECANE

R.T.: 6.792 min
 Delta R.T.: -0.006 min
 Response: 7031467
 Conc: 52.81 ug/ml



#4 N-TETRADECANE

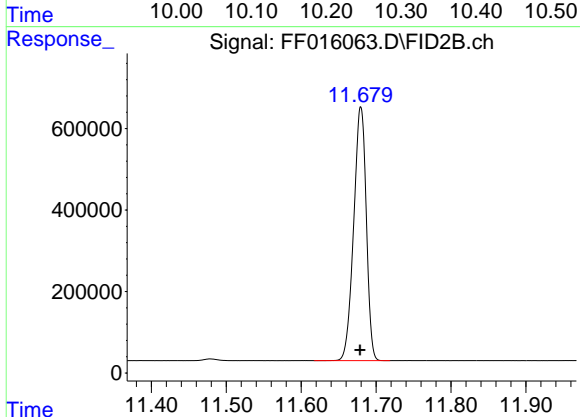
R.T.: 8.625 min
 Delta R.T.: -0.003 min
 Response: 7134739
 Conc: 53.23 ug/ml



#5 N-HEXADECANE

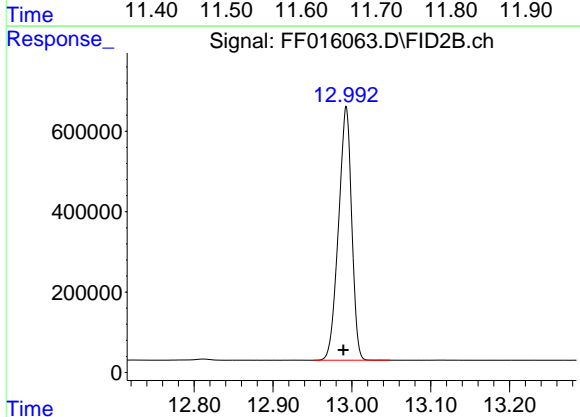
R.T.: 10.234 min
 Delta R.T.: 0.000 min
 Response: 7154891
 Conc: 52.98 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



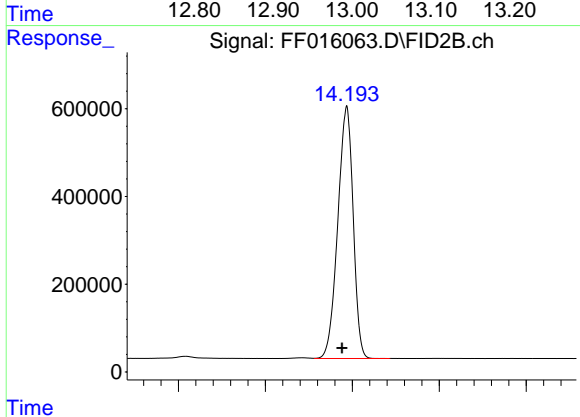
#6 N-OCTADECANE

R.T.: 11.680 min
 Delta R.T.: 0.001 min
 Response: 7271318
 Conc: 52.45 ug/ml



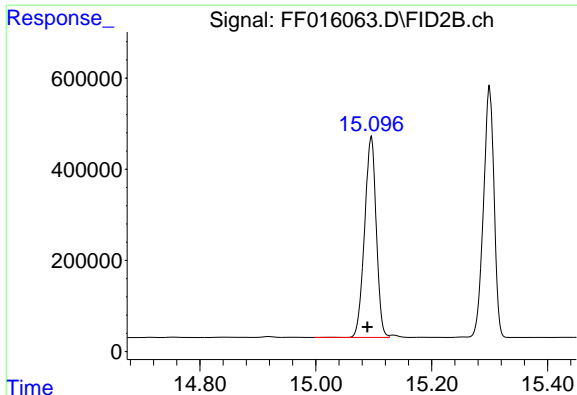
#7 N-EICOSANE

R.T.: 12.993 min
 Delta R.T.: 0.003 min
 Response: 7312900
 Conc: 52.37 ug/ml



#8 N-DOCOSANE

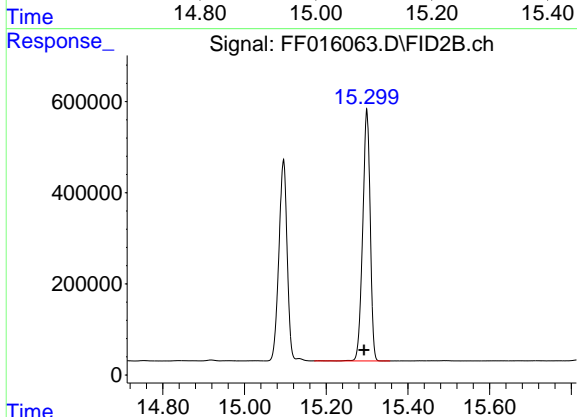
R.T.: 14.194 min
 Delta R.T.: 0.005 min
 Response: 7053886
 Conc: 51.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

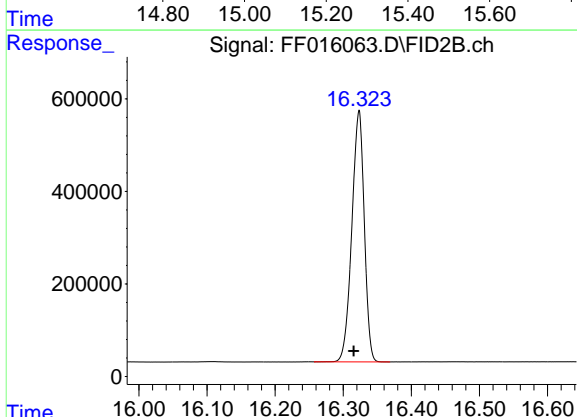
R.T.: 15.096 min
 Delta R.T.: 0.006 min
 Response: 6168210
 Conc: 51.08 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



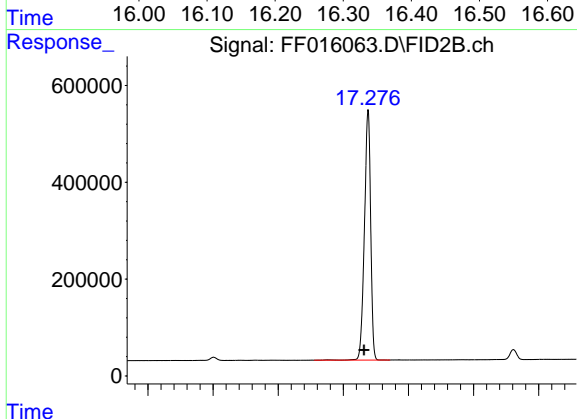
#10 N-TETRACOSANE

R.T.: 15.299 min
 Delta R.T.: 0.007 min
 Response: 6995959
 Conc: 51.62 ug/ml



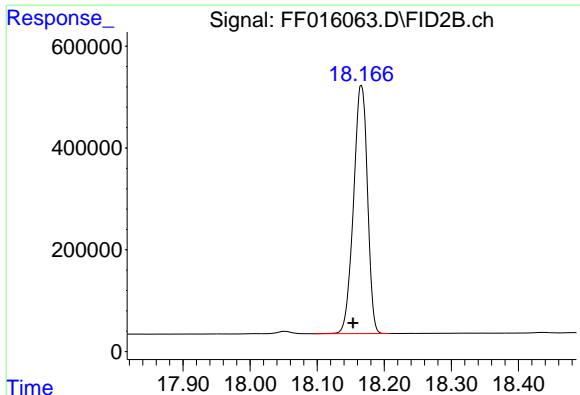
#11 N-HEXACOSANE

R.T.: 16.323 min
 Delta R.T.: 0.008 min
 Response: 6886331
 Conc: 51.30 ug/ml



#12 N-OCTACOSANE

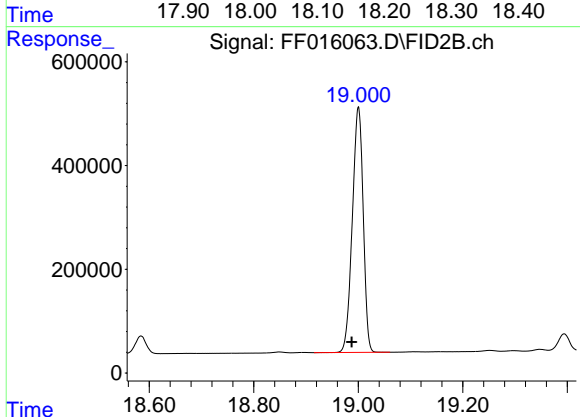
R.T.: 17.276 min
 Delta R.T.: 0.012 min
 Response: 6856843
 Conc: 51.94 ug/ml



#13 N-TRIACONTANE

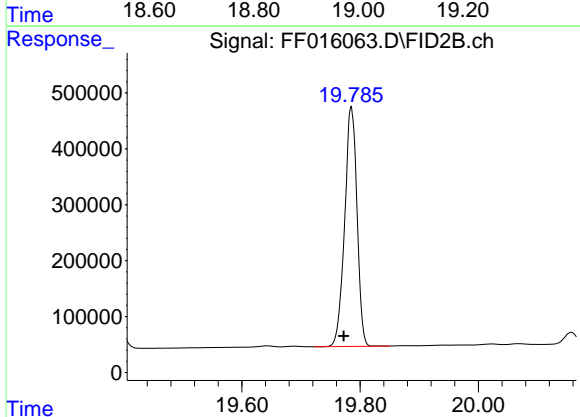
R.T.: 18.166 min
 Delta R.T.: 0.012 min
 Response: 7040830
 Conc: 53.31 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 50 PPM TRPH STD



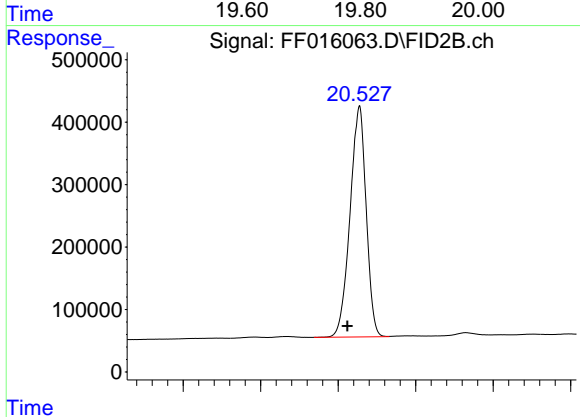
#14 N-DOTRIACONTANE

R.T.: 19.000 min
 Delta R.T.: 0.013 min
 Response: 6845296
 Conc: 53.80 ug/ml



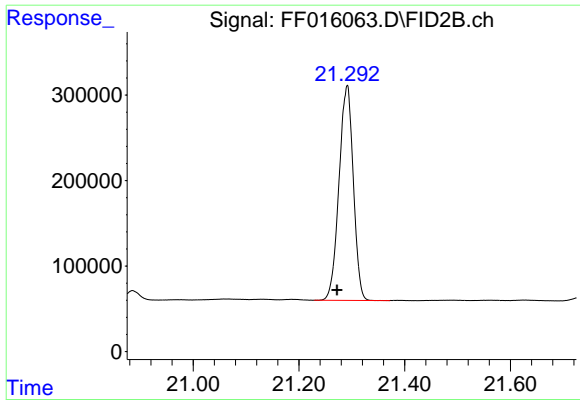
#15 N-TETRATRIACONTANE

R.T.: 19.785 min
 Delta R.T.: 0.013 min
 Response: 6209786
 Conc: 55.53 ug/ml



#16 N-HEXATRIACONTANE

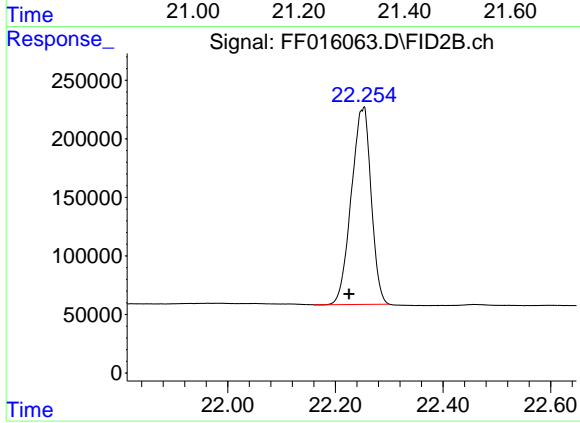
R.T.: 20.528 min
 Delta R.T.: 0.016 min
 Response: 5350582
 Conc: 57.23 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.292 min
Delta R.T.: 0.019 min
Response: 4722446
Conc: 58.16 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.253 min
Delta R.T.: 0.028 min
Response: 4298123
Conc: 61.29 ug/ml