

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061125\
 Data File : FF015945.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 10:35
 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: Jun 12 03:14:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF052125.M
 Quant Title :
 QLast Update : Wed May 21 12:32:51 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...	15.019	6373510	52.184 ug/ml
Target Compounds			
1) N-OCTANE	2.023	6270111	51.432 ug/ml
2) N-DECANE	4.564	6261570	52.825 ug/ml
3) N-DODECANE	6.733	6702516	53.269 ug/ml
4) N-TETRADECANE	8.561	6946960	55.366 ug/ml
5) N-HEXADECANE	10.168	7058120	53.815 ug/ml
6) N-OCTADECANE	11.611	7350294	53.492 ug/ml
7) N-EICOSANE	12.921	7498820	52.702 ug/ml
8) N-DOCOSANE	14.120	7277045	52.384 ug/ml
10) N-TETRACOSANE	15.224	7245194	51.980 ug/ml
11) N-HEXACOSANE	16.245	7119948	51.335 ug/ml
12) N-OCTACOSANE	17.196	7014631	51.025 ug/ml
13) N-TRIACONTANE	18.084	7078108	50.842 ug/ml
14) N-DOTRIACONTANE	18.916	6789612	50.283 ug/ml
15) N-TETRATRIACONTANE	19.700	6166105	49.997 ug/ml
16) N-HEXATRIACONTANE	20.438	5329253	49.068 ug/ml
17) N-OCTATRIACONTANE	21.174	4669575	49.208 ug/ml
18) N-TETRACONTANE	22.085	4179600	49.201 ug/ml

(f)=RT Delta > 1/2 Window

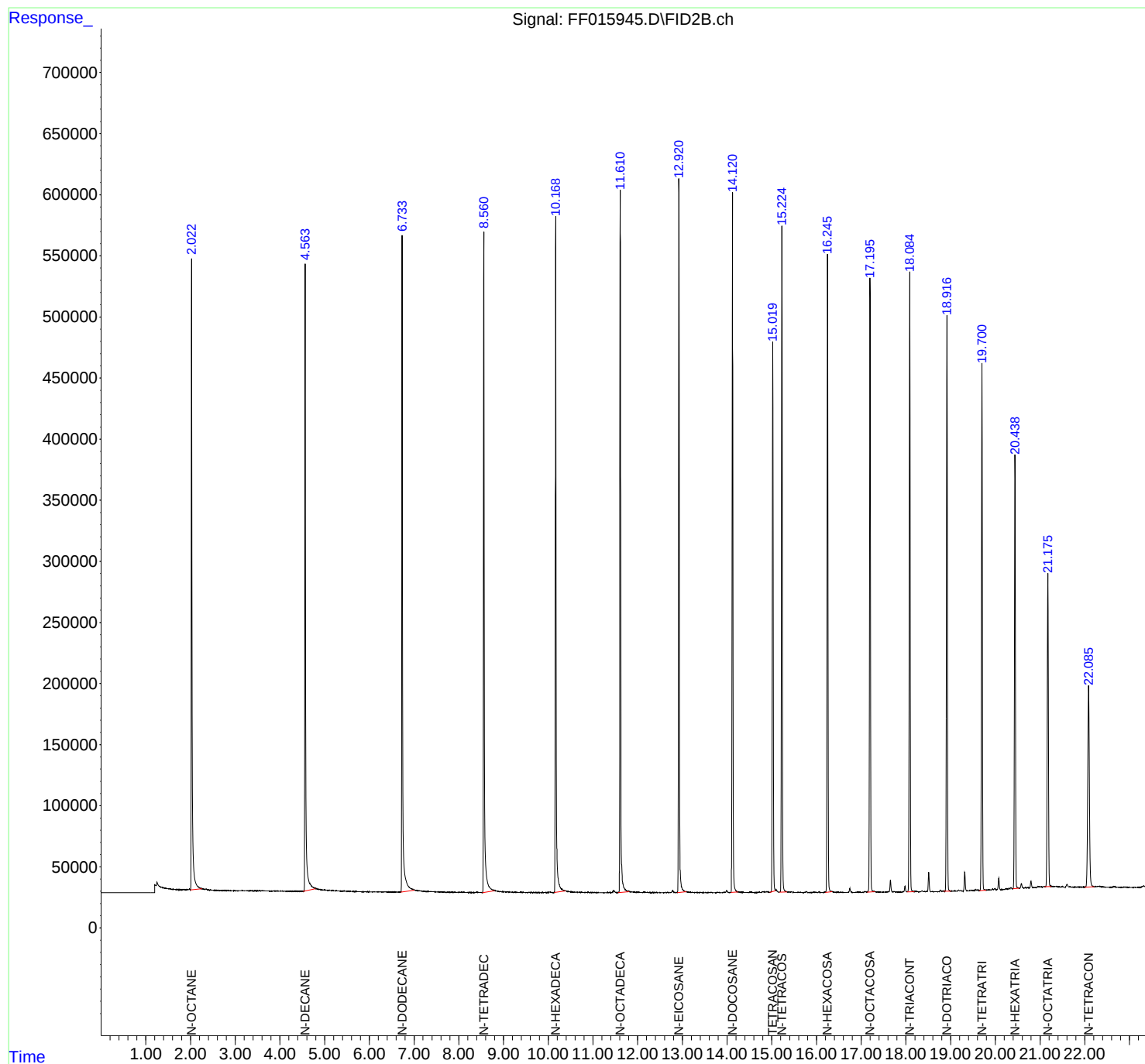
(m)=manual int.

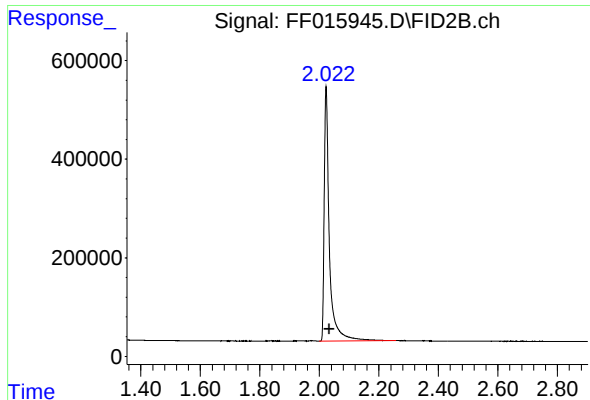
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

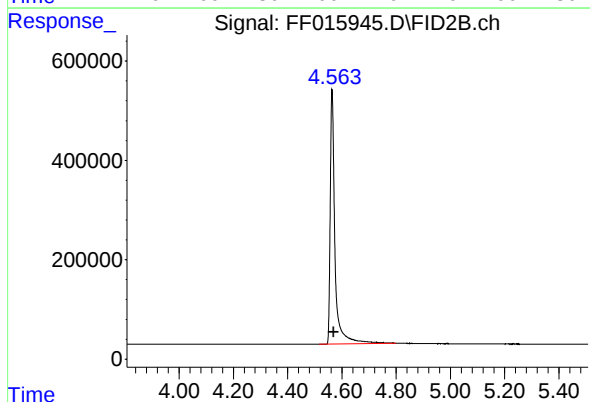




#1 N-OCTANE

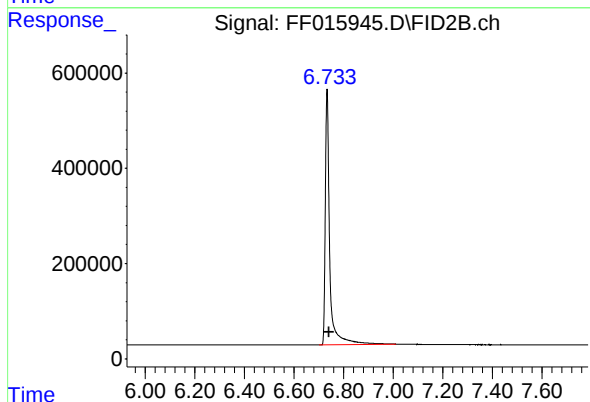
R.T.: 2.023 min
Delta R.T.: -0.010 min
Response: 6270111
Conc: 51.43 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



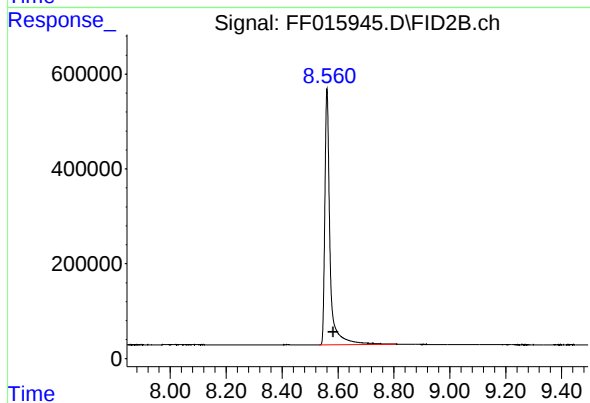
#2 N-DECANE

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 6261570
Conc: 52.82 ug/ml



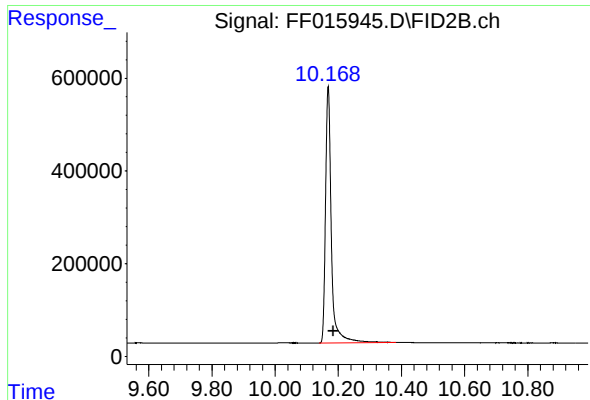
#3 N-DODECANE

R.T.: 6.733 min
Delta R.T.: -0.008 min
Response: 6702516
Conc: 53.27 ug/ml



#4 N-TETRADECANE

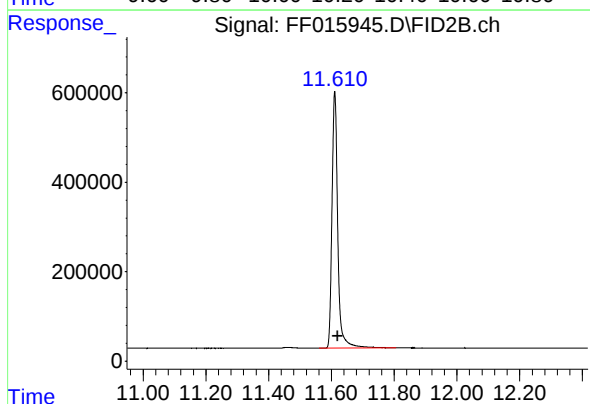
R.T.: 8.561 min
Delta R.T.: -0.022 min
Response: 6946960
Conc: 55.37 ug/ml



#5 N-HEXADECANE

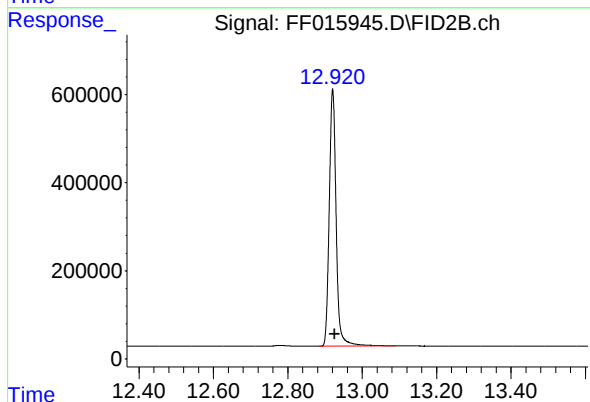
R.T.: 10.168 min
Delta R.T.: -0.015 min
Response: 7058120
Conc: 53.82 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



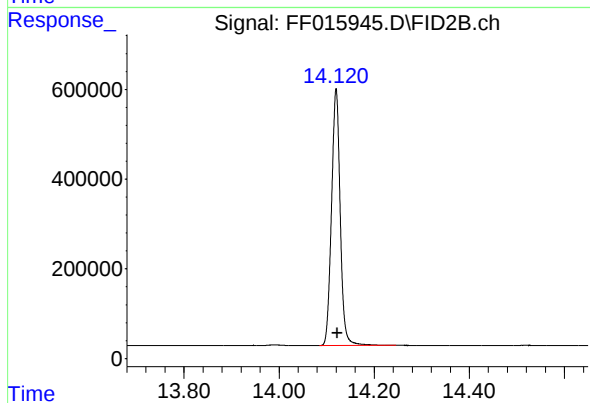
#6 N-OCTADECANE

R.T.: 11.611 min
Delta R.T.: -0.010 min
Response: 7350294
Conc: 53.49 ug/ml



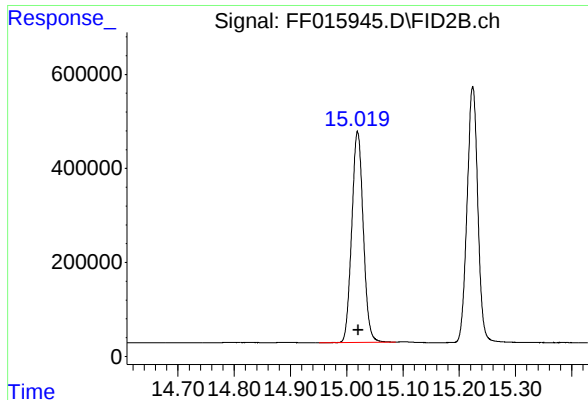
#7 N-EICOSANE

R.T.: 12.921 min
Delta R.T.: -0.006 min
Response: 7498820
Conc: 52.70 ug/ml



#8 N-DOCOSANE

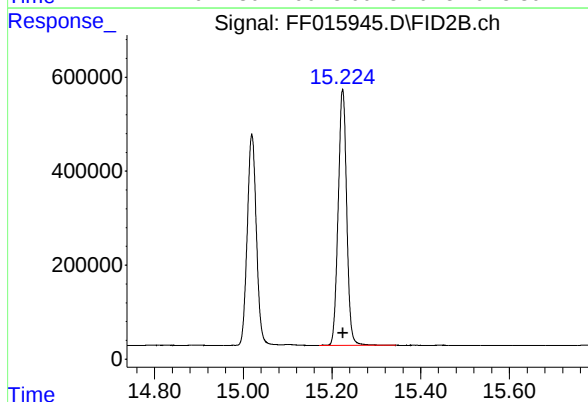
R.T.: 14.120 min
Delta R.T.: -0.003 min
Response: 7277045
Conc: 52.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

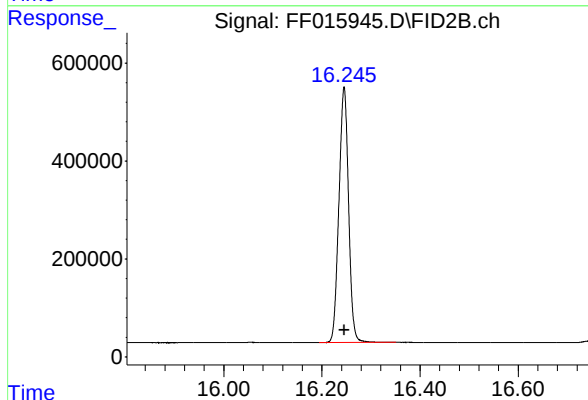
R.T.: 15.019 min
Delta R.T.: -0.002 min
Response: 6373510
Conc: 52.18 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



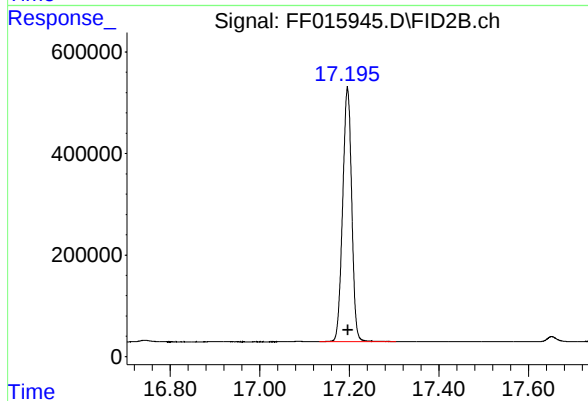
#10 N-TETRACOSANE

R.T.: 15.224 min
Delta R.T.: -0.001 min
Response: 7245194
Conc: 51.98 ug/ml



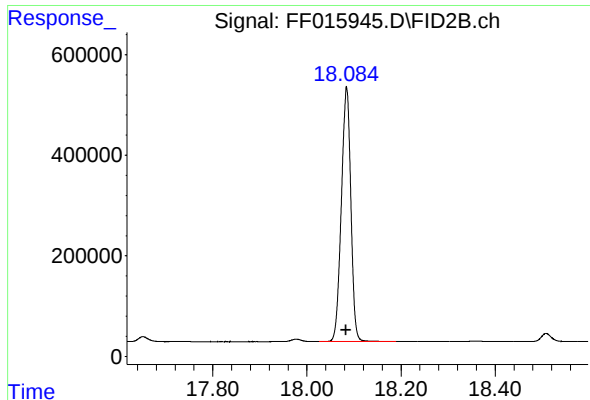
#11 N-HEXACOSANE

R.T.: 16.245 min
Delta R.T.: 0.000 min
Response: 7119948
Conc: 51.34 ug/ml



#12 N-OCTACOSANE

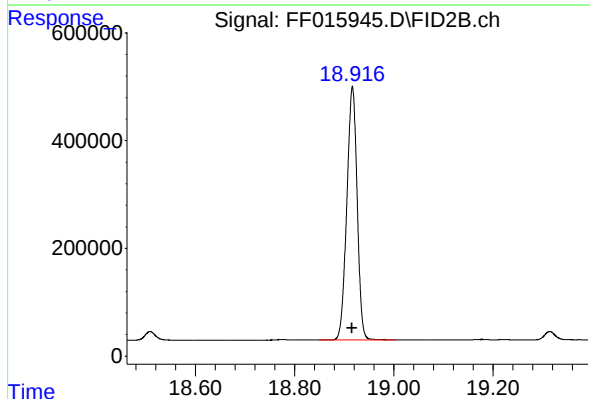
R.T.: 17.196 min
Delta R.T.: 0.000 min
Response: 7014631
Conc: 51.03 ug/ml



#13 N-TRIACONTANE

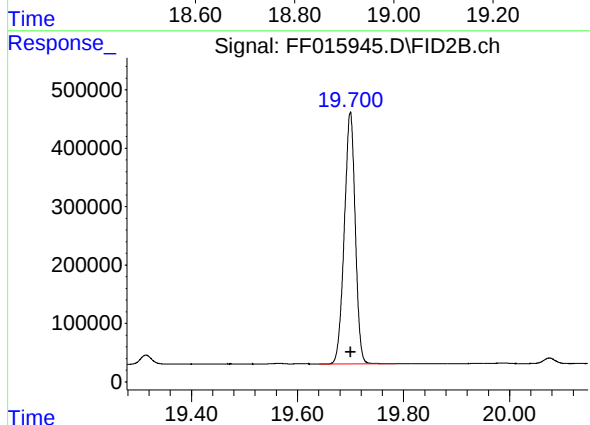
R.T.: 18.084 min
Delta R.T.: 0.001 min
Response: 7078108
Conc: 50.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



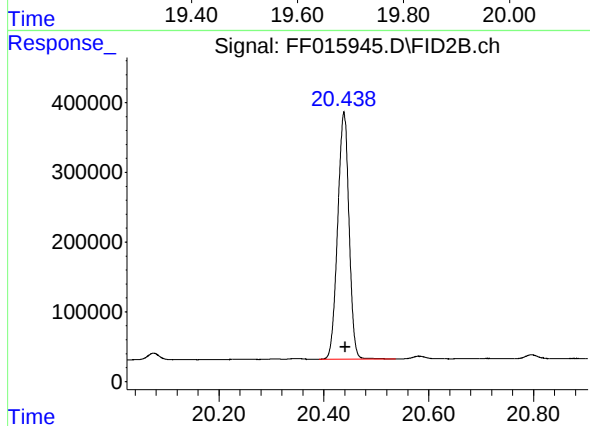
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: 0.000 min
Response: 6789612
Conc: 50.28 ug/ml



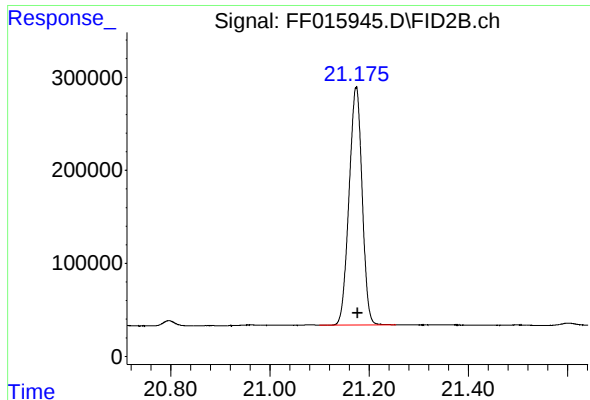
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 6166105
Conc: 50.00 ug/ml



#16 N-HEXATRIACONTANE

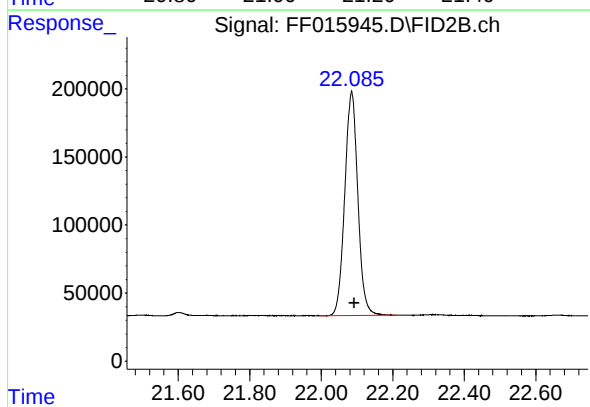
R.T.: 20.438 min
Delta R.T.: -0.003 min
Response: 5329253
Conc: 49.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.174 min
Delta R.T.: -0.003 min
Response: 4669575
Conc: 49.21 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.085 min
Delta R.T.: -0.007 min
Response: 4179600
Conc: 49.20 ug/ml