

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF073124\
 Data File : FF014331.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jul 2024 15:48
 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: Aug 01 02:19:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:21 2024
 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...	14.918	5986513	47.997 ug/ml
Target Compounds			
1) N-OCTANE	1.955	6697292	53.116 ug/ml
2) N-DECANE	4.469	7195039	55.519 ug/ml
3) N-DODECANE	6.636	7285190	54.772 ug/ml
4) N-TETRADECANE	8.462	7276367	55.941 ug/ml
5) N-HEXADECANE	10.068	7257015	55.913 ug/ml
6) N-OCTADECANE	11.511	7311003	53.191 ug/ml
7) N-EICOSANE	12.821	7256686	53.235 ug/ml
8) N-DOCOSANE	14.019	6890120	51.308 ug/ml
10) N-TETRACOSANE	15.123	6703323	50.394 ug/ml
11) N-HEXACOSANE	16.144	6494436	50.535 ug/ml
12) N-OCTACOSANE	17.094	6307404	50.225 ug/ml
13) N-TRIACONTANE	17.982	6285348	51.509 ug/ml
14) N-DOTRIACONTANE	18.815	5977927	50.955 ug/ml
15) N-TETRATRIACONTANE	19.598	5216997	54.792 ug/ml
16) N-HEXATRIACONTANE	20.337	4080832	54.835 ug/ml
17) N-OCTATRIACONTANE	21.059	2664992	39.495 ug/ml
18) N-TETRACONTANE	21.940	1347606	21.426 ug/ml

(f)=RT Delta > 1/2 Window

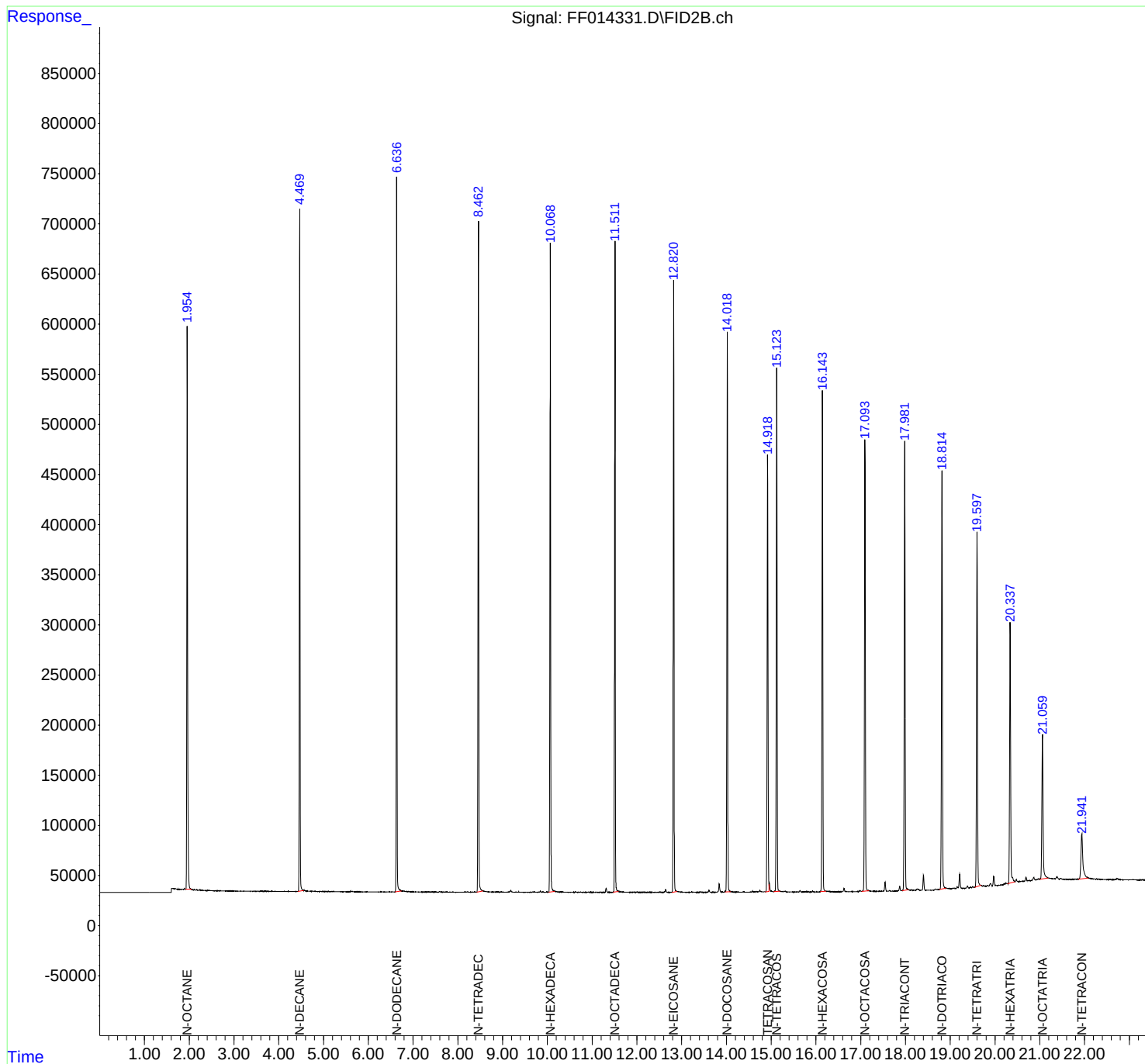
(m)=manual int.

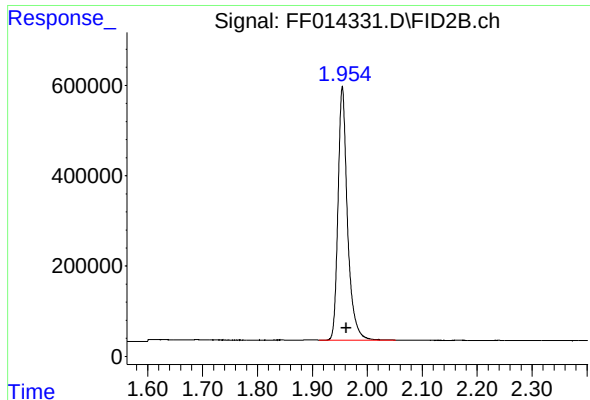
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Signal Info : 20mx0.18mmx0.18um

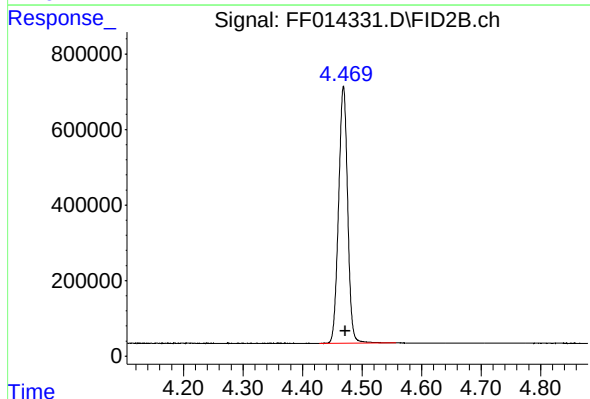




#1 N-OCTANE

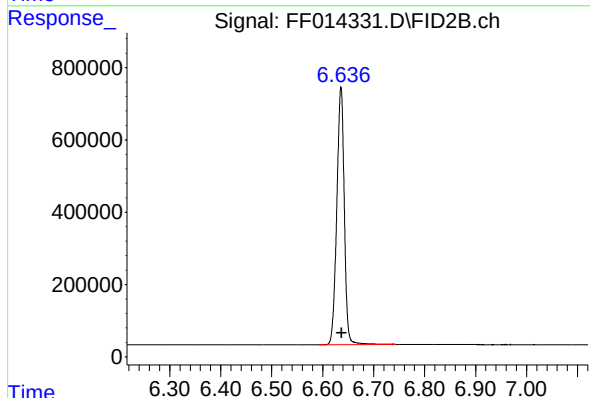
R.T.: 1.955 min
Delta R.T.: -0.007 min
Response: 6697292
Conc: 53.12 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



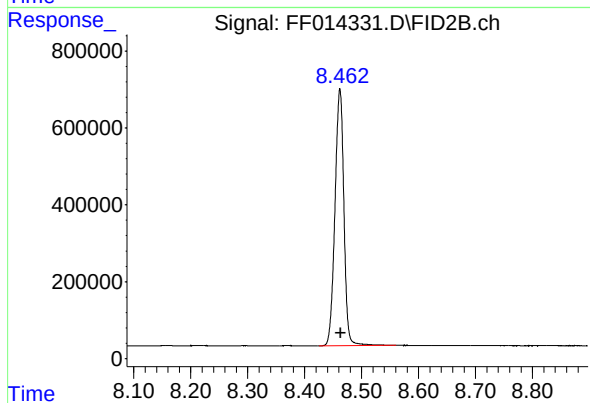
#2 N-DECANE

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 7195039
Conc: 55.52 ug/ml



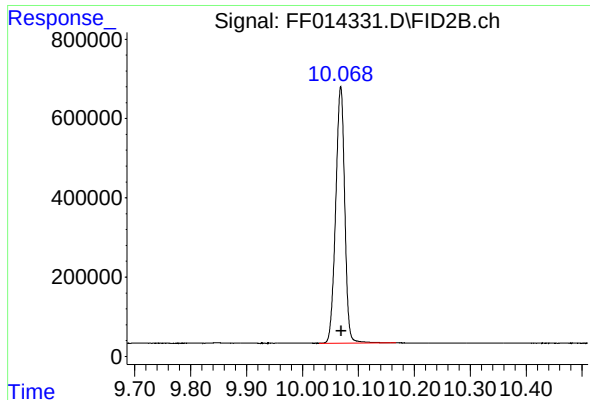
#3 N-DODECANE

R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 7285190
Conc: 54.77 ug/ml



#4 N-TETRADECANE

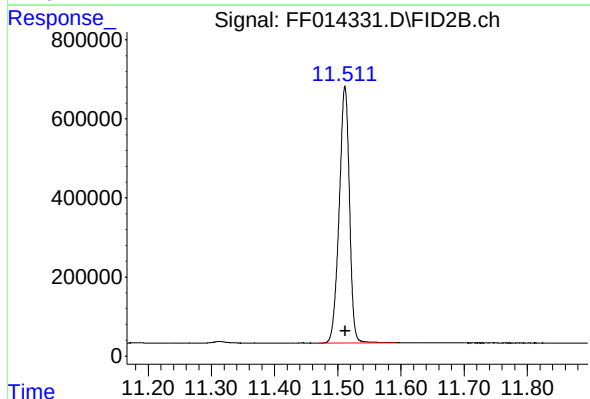
R.T.: 8.462 min
Delta R.T.: -0.001 min
Response: 7276367
Conc: 55.94 ug/ml



#5 N-HEXADECANE

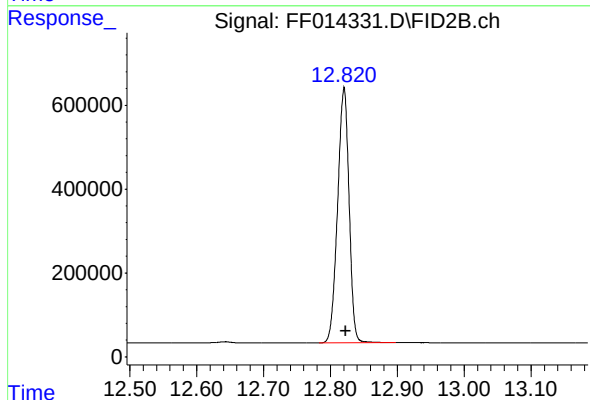
R.T.: 10.068 min
Delta R.T.: 0.000 min
Response: 7257015
Conc: 55.91 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



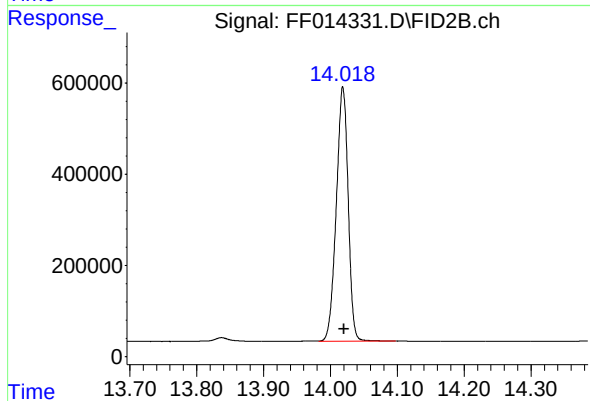
#6 N-OCTADECANE

R.T.: 11.511 min
Delta R.T.: 0.000 min
Response: 7311003
Conc: 53.19 ug/ml



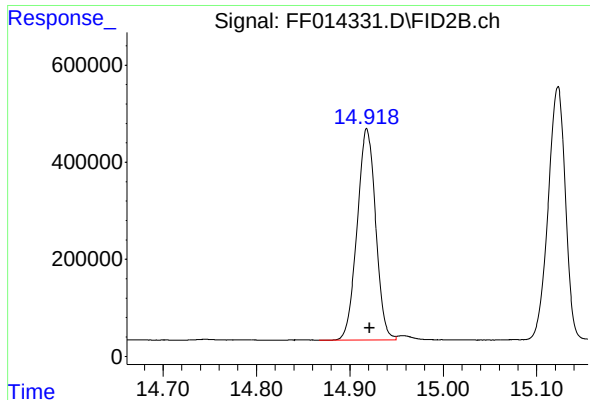
#7 N-EICOSANE

R.T.: 12.821 min
Delta R.T.: -0.002 min
Response: 7256686
Conc: 53.24 ug/ml



#8 N-DOCOSANE

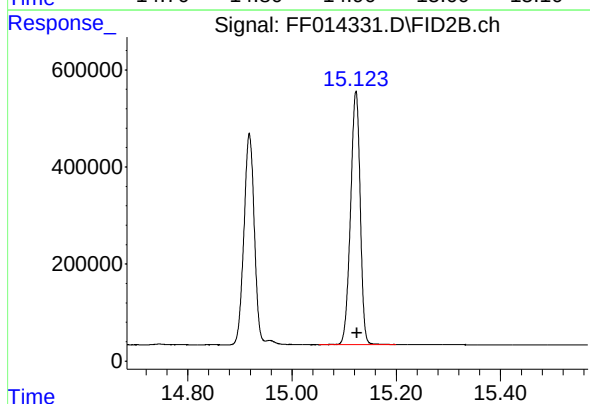
R.T.: 14.019 min
Delta R.T.: -0.002 min
Response: 6890120
Conc: 51.31 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

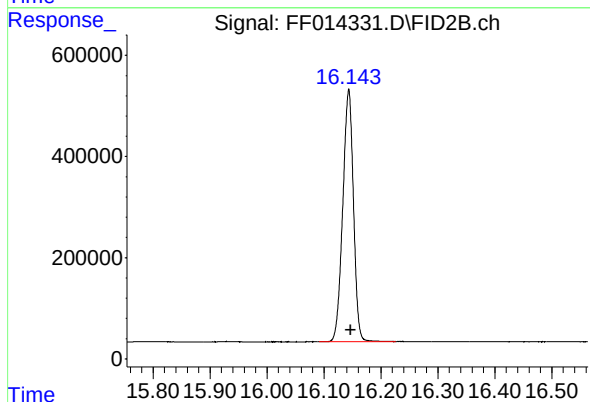
R.T.: 14.918 min
Delta R.T.: -0.003 min
Response: 5986513
Conc: 48.00 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



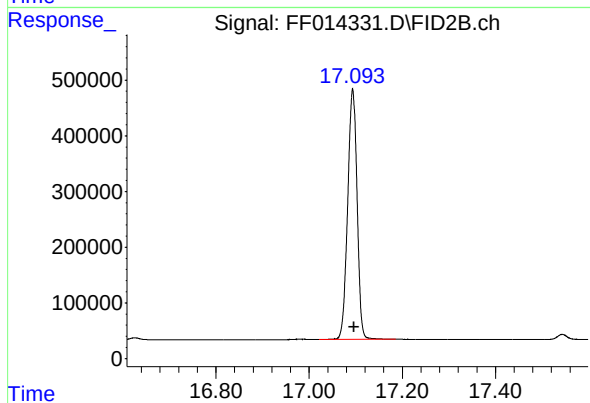
#10 N-TETRACOSANE

R.T.: 15.123 min
Delta R.T.: -0.002 min
Response: 6703323
Conc: 50.39 ug/ml



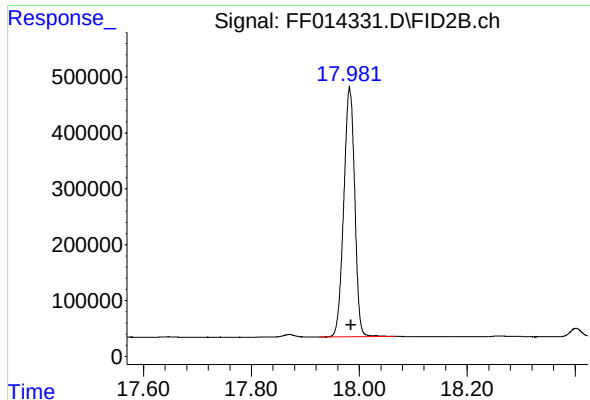
#11 N-HEXACOSANE

R.T.: 16.144 min
Delta R.T.: -0.004 min
Response: 6494436
Conc: 50.54 ug/ml



#12 N-OCTACOSANE

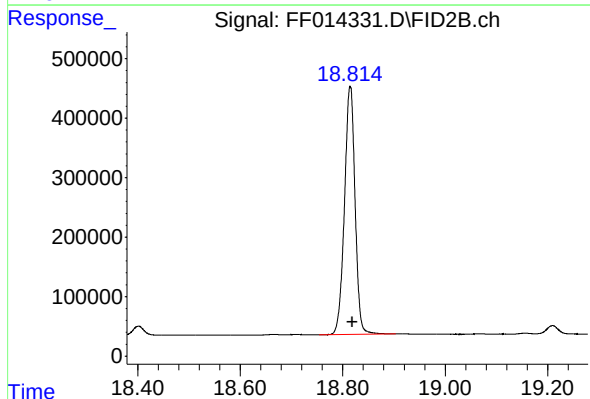
R.T.: 17.094 min
Delta R.T.: -0.003 min
Response: 6307404
Conc: 50.23 ug/ml



#13 N-TRIACONTANE

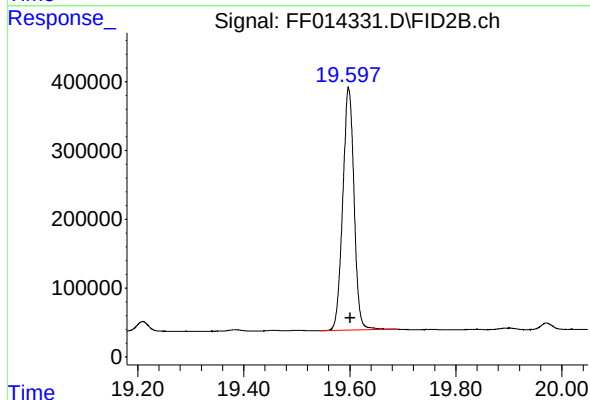
R.T.: 17.982 min
Delta R.T.: -0.003 min
Response: 6285348
Conc: 51.51 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



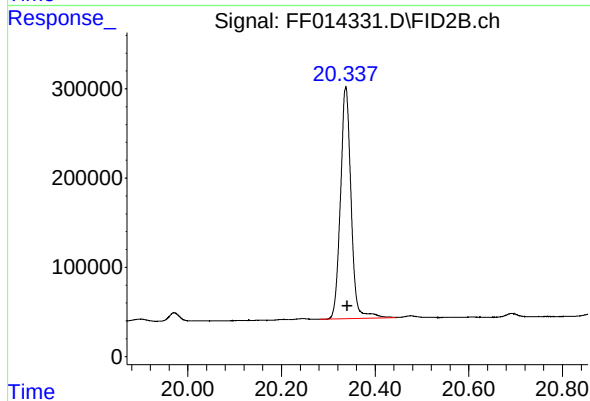
#14 N-DOTRIACONTANE

R.T.: 18.815 min
Delta R.T.: -0.004 min
Response: 5977927
Conc: 50.96 ug/ml



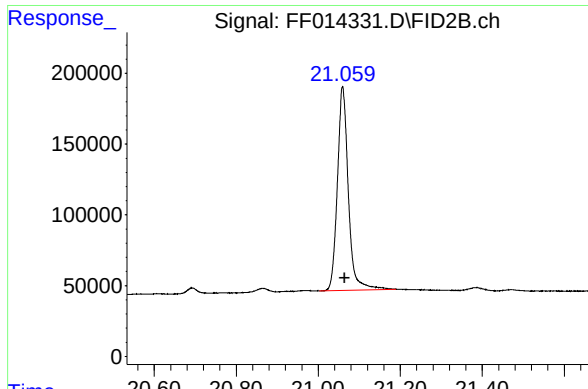
#15 N-TETRATRIACONTANE

R.T.: 19.598 min
Delta R.T.: -0.003 min
Response: 5216997
Conc: 54.79 ug/ml



#16 N-HEXATRIACONTANE

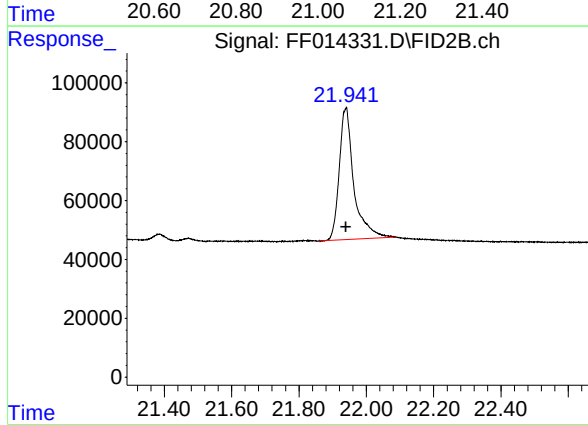
R.T.: 20.337 min
Delta R.T.: -0.003 min
Response: 4080832
Conc: 54.84 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.059 min
Delta R.T.: -0.005 min
Response: 2664992
Conc: 39.50 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 21.940 min
Delta R.T.: 0.000 min
Response: 1347606
Conc: 21.43 ug/ml