

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040825\
 Data File : FF015764.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2025 20:24
 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: Apr 09 01:18:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032625.M
 Quant Title :
 QLast Update : Wed Mar 26 13:03:21 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...	15.022	5762215	52.583 ug/ml
Target Compounds			
1) N-OCTANE	2.026	5421532	48.275 ug/ml
2) N-DECANE	4.565	5641564	51.318 ug/ml
3) N-DODECANE	6.734	5893939	52.792 ug/ml
4) N-TETRADECANE	8.560	5960200	53.464 ug/ml
5) N-HEXADECANE	10.168	6044468	51.648 ug/ml
6) N-OCTADECANE	11.612	6331065	51.785 ug/ml
7) N-EICOSANE	12.923	6377717	50.211 ug/ml
8) N-DOCOSANE	14.122	6316931	50.937 ug/ml
10) N-TETRACOSANE	15.226	6354210	51.109 ug/ml
11) N-HEXACOSANE	16.248	6239248	50.581 ug/ml
12) N-OCTACOSANE	17.198	6206379	50.812 ug/ml
13) N-TRIACONTANE	18.087	6198664	50.201 ug/ml
14) N-DOTRIACONTANE	18.919	5897371	49.903 ug/ml
15) N-TETRATRIACONTANE	19.703	4941575	47.434 ug/ml
16) N-HEXATRIACONTANE	20.443	3920770	44.781 ug/ml
17) N-OCTATRIACONTANE	21.179	3284266	46.499 ug/ml
18) N-TETRACONTANE	22.091	2854360	46.523 ug/ml

(f)=RT Delta > 1/2 Window

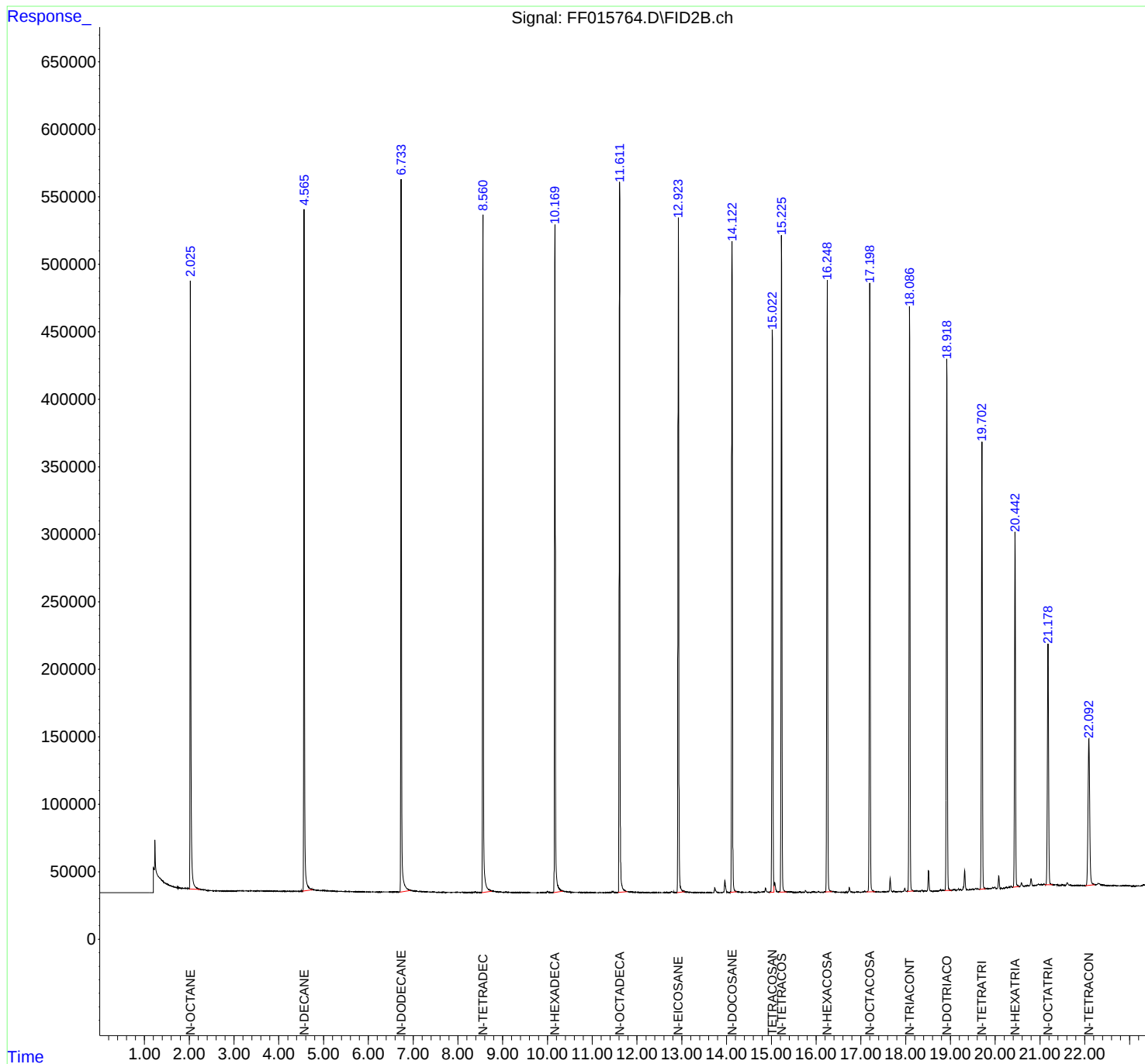
(m)=manual int.

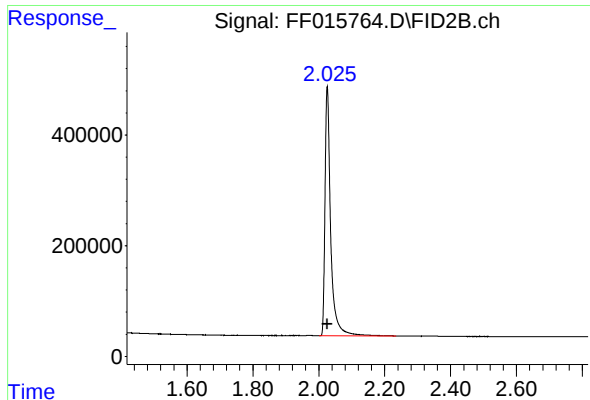
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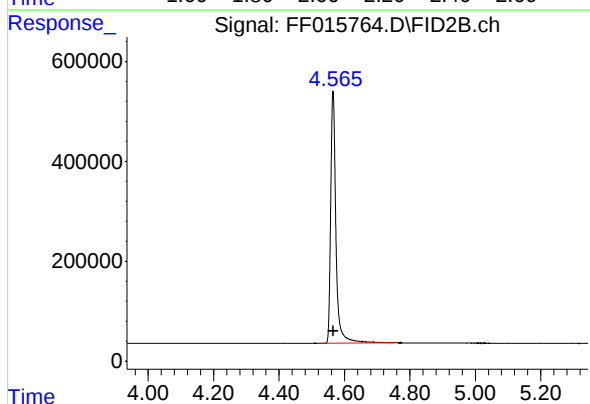




#1 N-OCTANE

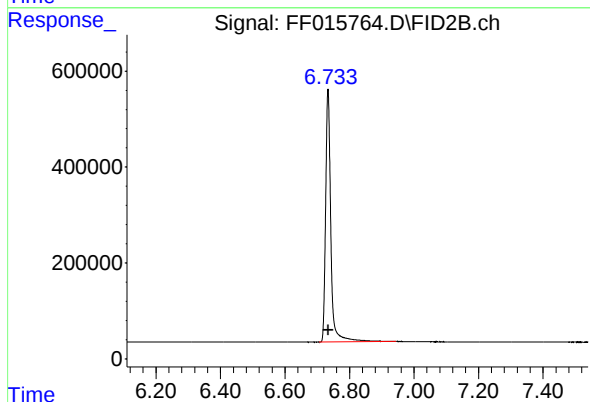
R.T.: 2.026 min
Delta R.T.: 0.000 min
Response: 5421532
Conc: 48.28 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



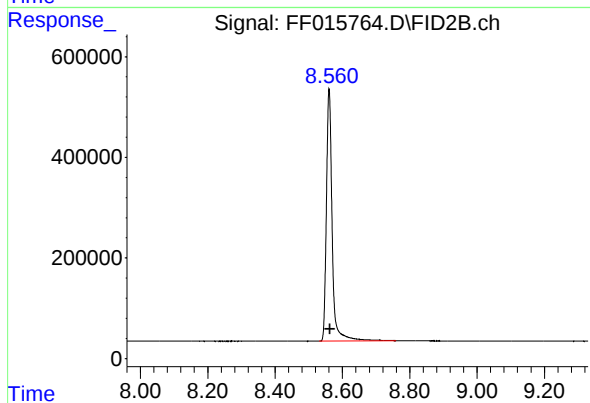
#2 N-DECANE

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 5641564
Conc: 51.32 ug/ml



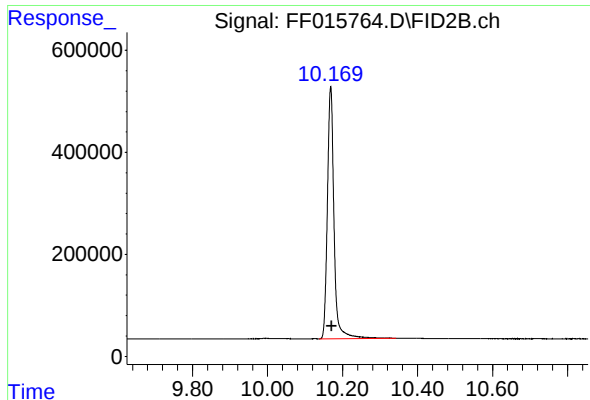
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 5893939
Conc: 52.79 ug/ml



#4 N-TETRADECANE

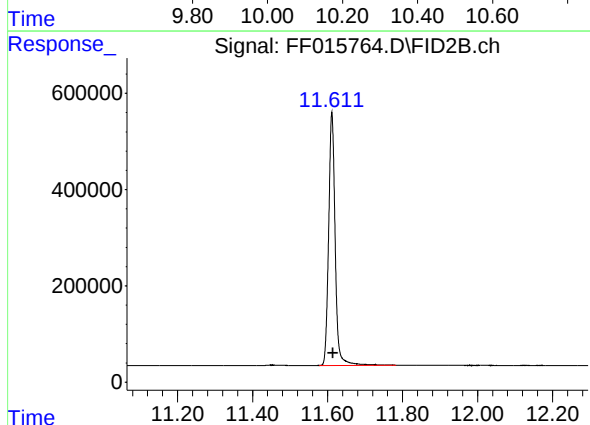
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 5960200
Conc: 53.46 ug/ml



#5 N-HEXADECANE

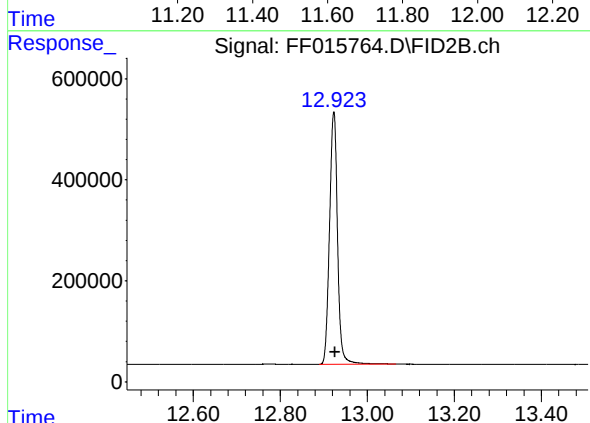
R.T.: 10.168 min
Delta R.T.: -0.002 min
Response: 6044468
Conc: 51.65 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



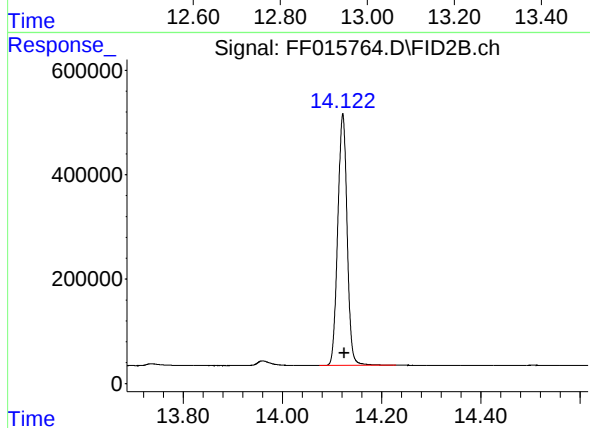
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: -0.003 min
Response: 6331065
Conc: 51.78 ug/ml



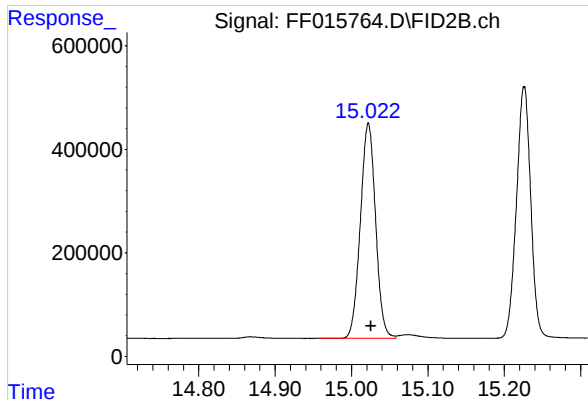
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: -0.002 min
Response: 6377717
Conc: 50.21 ug/ml



#8 N-DOCOSANE

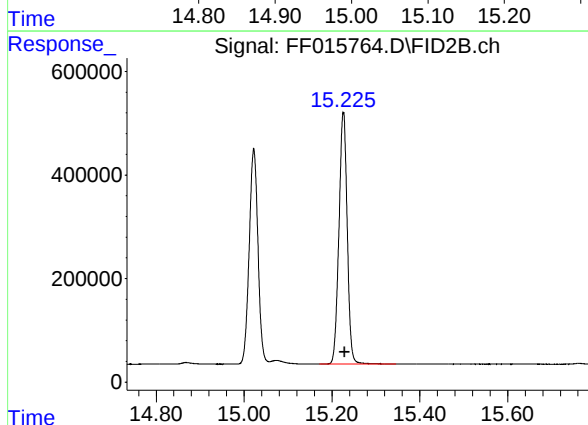
R.T.: 14.122 min
Delta R.T.: -0.003 min
Response: 6316931
Conc: 50.94 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

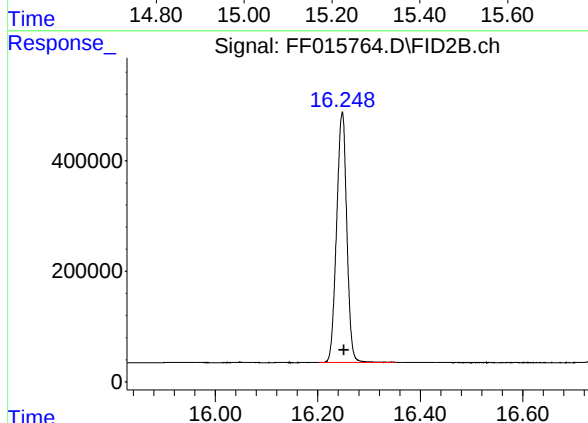
R.T.: 15.022 min
Delta R.T.: -0.003 min
Response: 5762215
Conc: 52.58 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



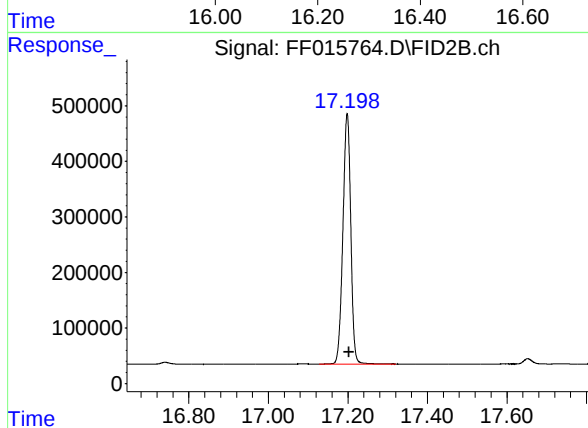
#10 N-TETRACOSANE

R.T.: 15.226 min
Delta R.T.: -0.003 min
Response: 6354210
Conc: 51.11 ug/ml



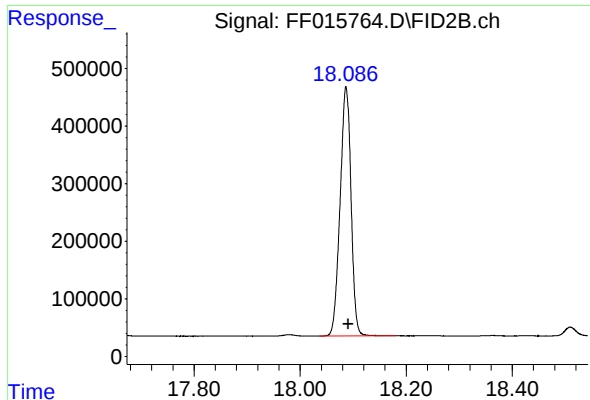
#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.004 min
Response: 6239248
Conc: 50.58 ug/ml



#12 N-OCTACOSANE

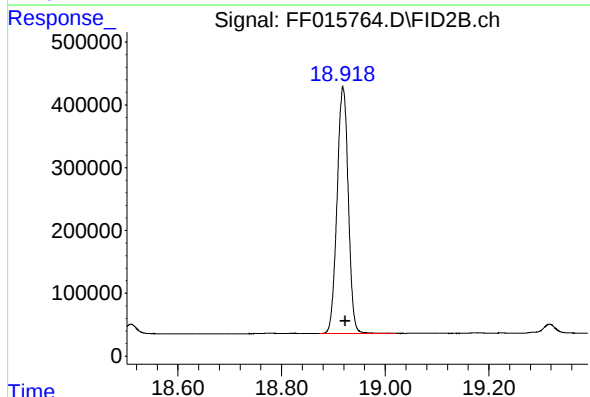
R.T.: 17.198 min
Delta R.T.: -0.004 min
Response: 6206379
Conc: 50.81 ug/ml



#13 N-TRIACONTANE

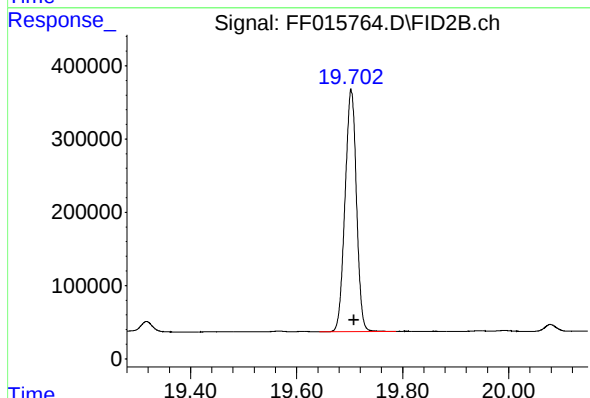
R.T.: 18.087 min
Delta R.T.: -0.004 min
Response: 6198664
Conc: 50.20 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



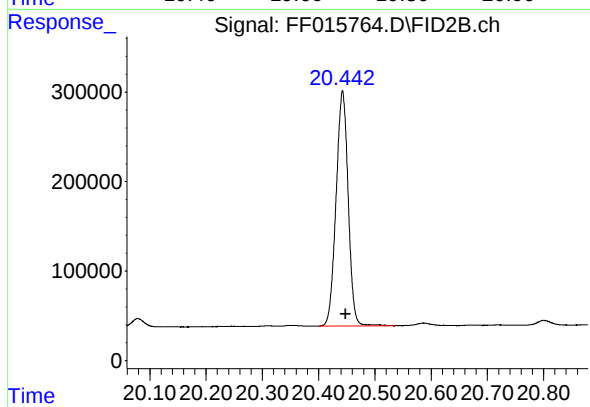
#14 N-DOTRIACONTANE

R.T.: 18.919 min
Delta R.T.: -0.004 min
Response: 5897371
Conc: 49.90 ug/ml



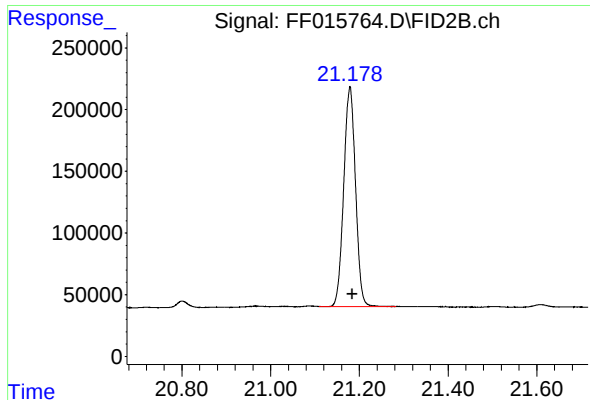
#15 N-TETRATRIACONTANE

R.T.: 19.703 min
Delta R.T.: -0.005 min
Response: 4941575
Conc: 47.43 ug/ml



#16 N-HEXATRIACONTANE

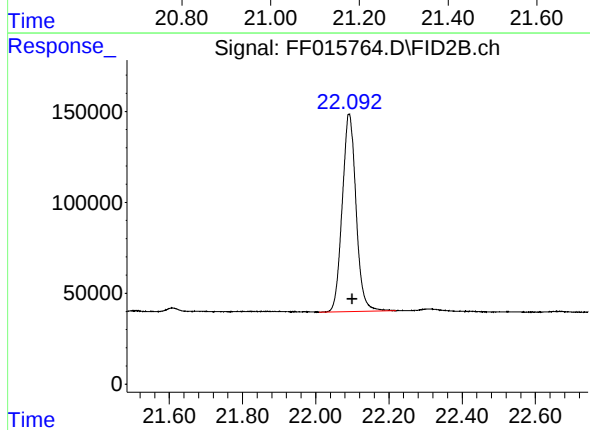
R.T.: 20.443 min
Delta R.T.: -0.006 min
Response: 3920770
Conc: 44.78 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.179 min
Delta R.T.: -0.005 min
Response: 3284266
Conc: 46.50 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.091 min
Delta R.T.: -0.009 min
Response: 2854360
Conc: 46.52 ug/ml