

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF031225\
 Data File : FF015654.D
 Signal(s) : FID2B.ch
 Acq On : 12 Mar 2025 10:59
 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: Mar 13 02:27:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030325.M
 Quant Title :
 QLast Update : Mon Mar 03 14:28:15 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...	15.024	5900807	49.489 ug/ml
Target Compounds			
1) N-OCTANE	2.026	5715374	48.962 ug/ml
2) N-DECANE	4.566	5976396	52.127 ug/ml
3) N-DODECANE	6.734	6201720	52.012 ug/ml
4) N-TETRADECANE	8.561	6216310	52.751 ug/ml
5) N-HEXADECANE	10.169	6345383	52.542 ug/ml
6) N-OCTADECANE	11.612	6559114	51.346 ug/ml
7) N-EICOSANE	12.923	6545935	50.855 ug/ml
8) N-DOCOSANE	14.124	6436454	49.711 ug/ml
10) N-TETRACOSANE	15.229	6434671	49.005 ug/ml
11) N-HEXACOSANE	16.250	6312109	48.919 ug/ml
12) N-OCTACOSANE	17.201	6198768	48.415 ug/ml
13) N-TRIACONTANE	18.090	6080718	47.618 ug/ml
14) N-DOTRIACONTANE	18.922	5712651	45.778 ug/ml
15) N-TETRATRIACONTANE	19.707	4785709	41.780 ug/ml
16) N-HEXATRIACONTANE	20.447	3808150	37.850 ug/ml
17) N-OCTATRIACONTANE	21.183	3212978	34.837 ug/ml
18) N-TETRACONTANE	22.097	2792404	32.878 ug/ml

(f)=RT Delta > 1/2 Window

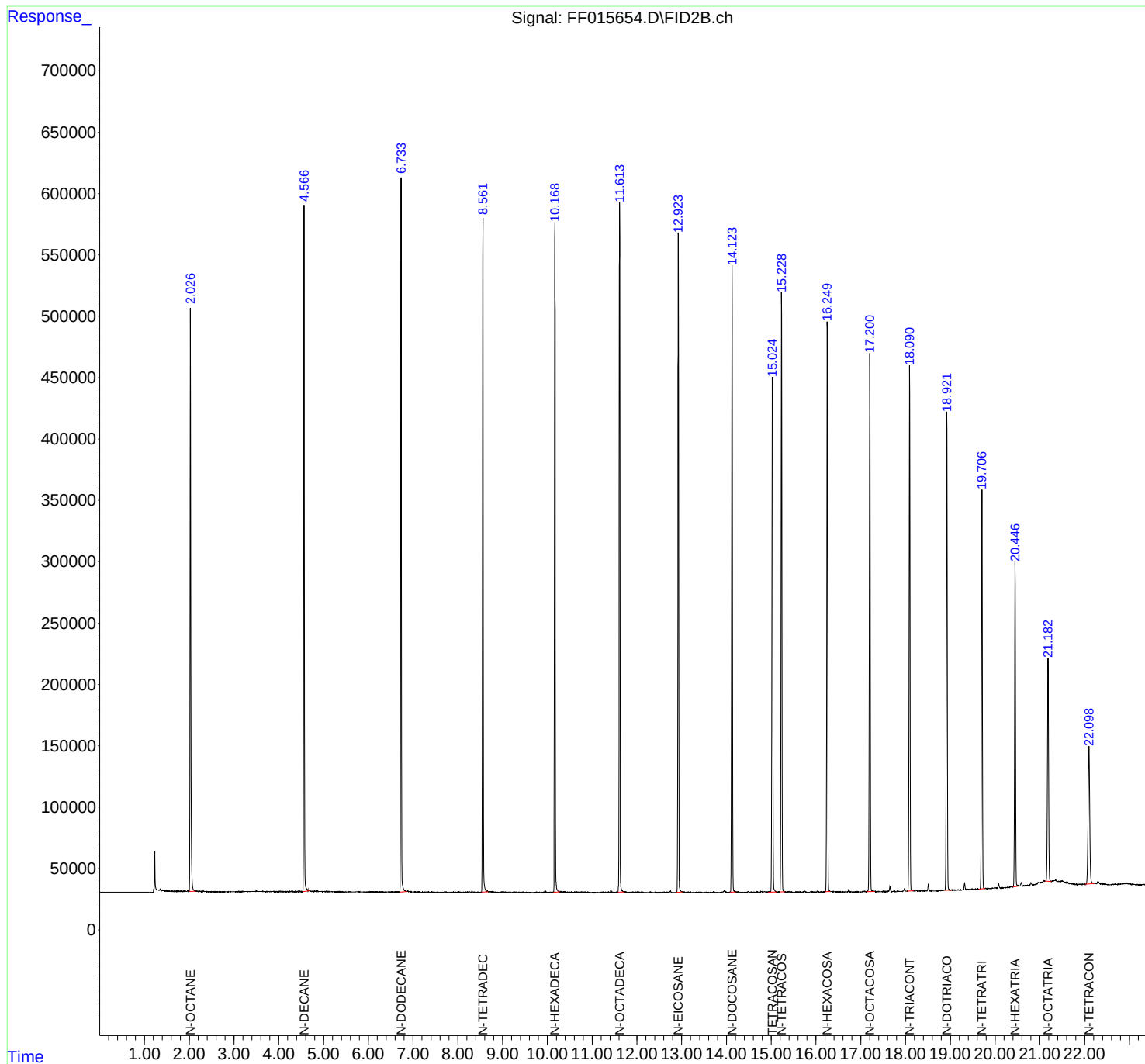
(m)=manual int.

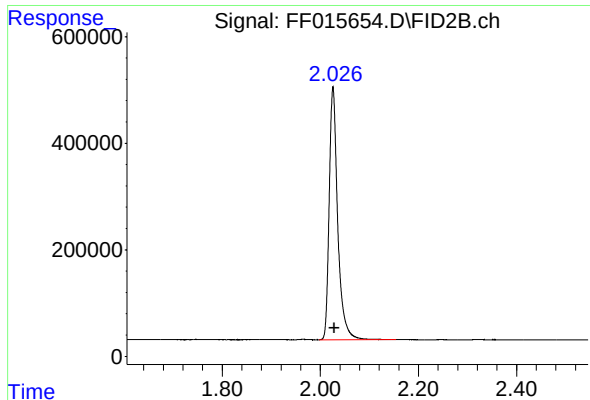
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

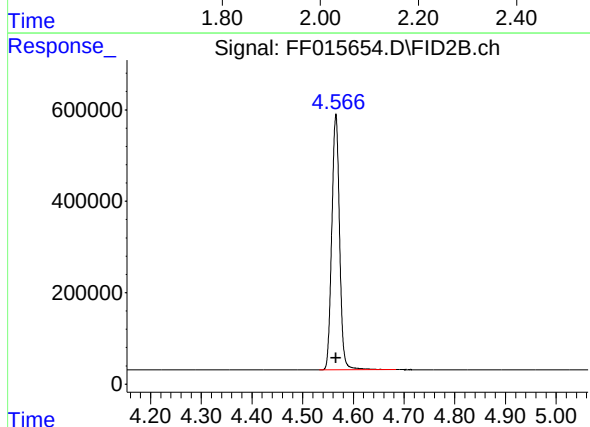




#1 N-OCTANE

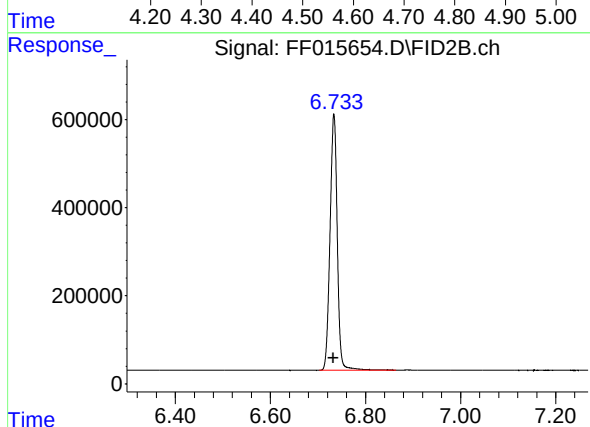
R.T.: 2.026 min
Delta R.T.: -0.003 min
Response: 5715374
Conc: 48.96 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



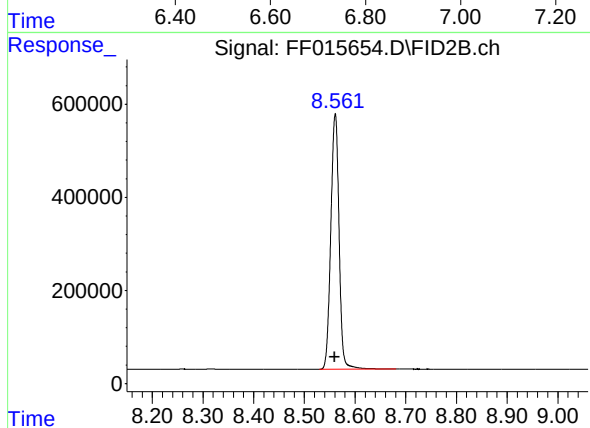
#2 N-DECANE

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 5976396
Conc: 52.13 ug/ml



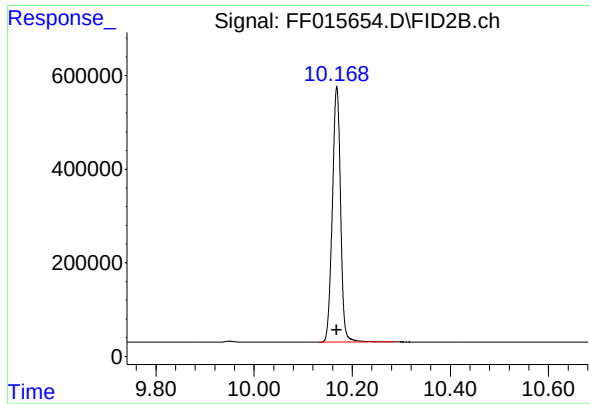
#3 N-DODECANE

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 6201720
Conc: 52.01 ug/ml



#4 N-TETRADECANE

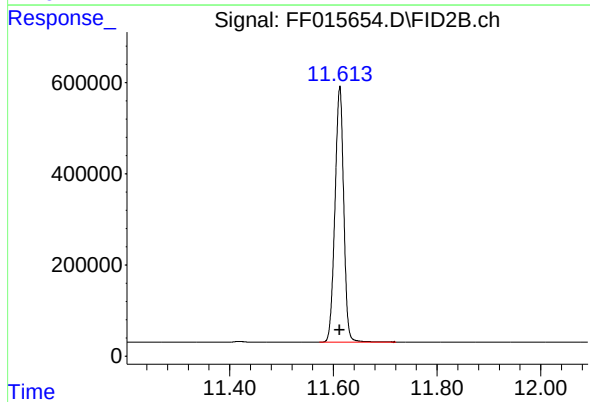
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 6216310
Conc: 52.75 ug/ml



#5 N-HEXADECANE

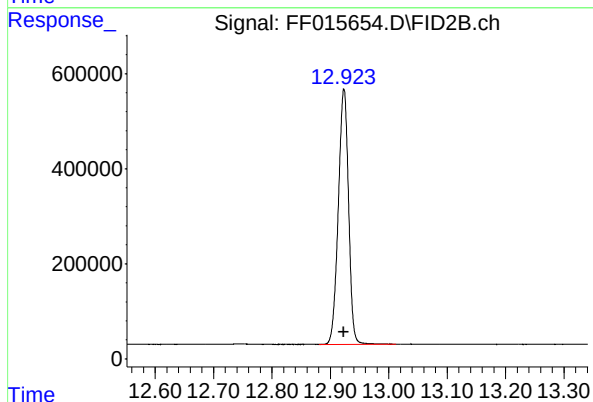
R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 6345383
Conc: 52.54 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



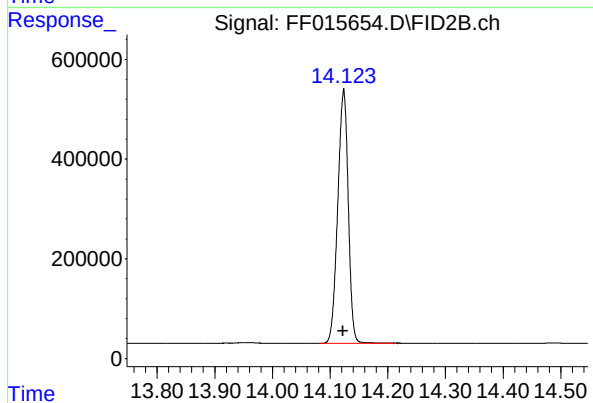
#6 N-OCTADECANE

R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 6559114
Conc: 51.35 ug/ml



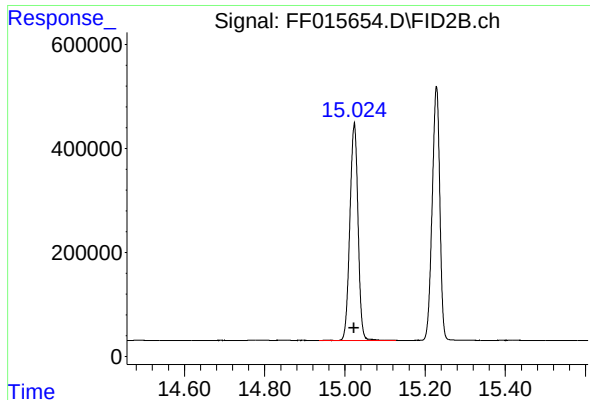
#7 N-EICOSANE

R.T.: 12.923 min
Delta R.T.: 0.000 min
Response: 6545935
Conc: 50.86 ug/ml



#8 N-DOCOSANE

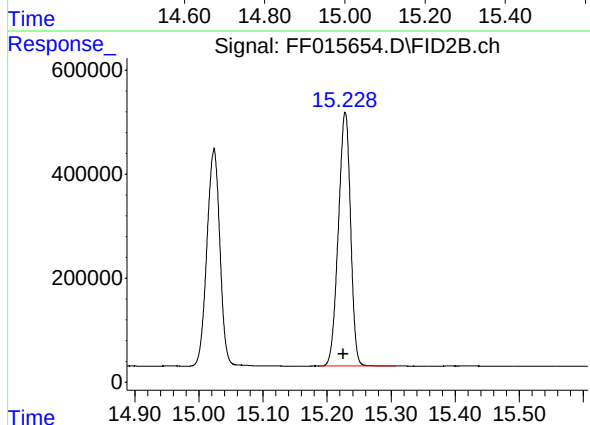
R.T.: 14.124 min
Delta R.T.: 0.000 min
Response: 6436454
Conc: 49.71 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

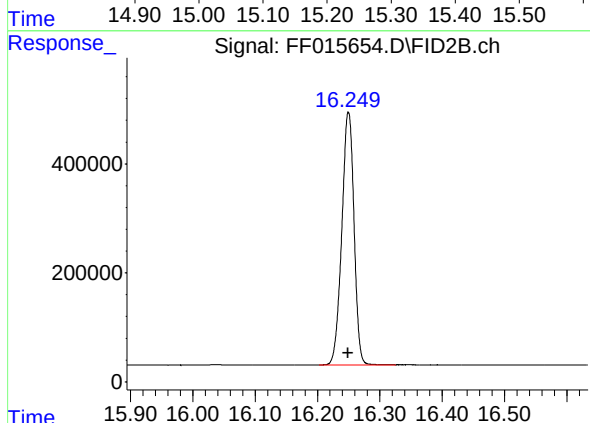
R.T.: 15.024 min
Delta R.T.: 0.001 min
Response: 5900807
Conc: 49.49 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



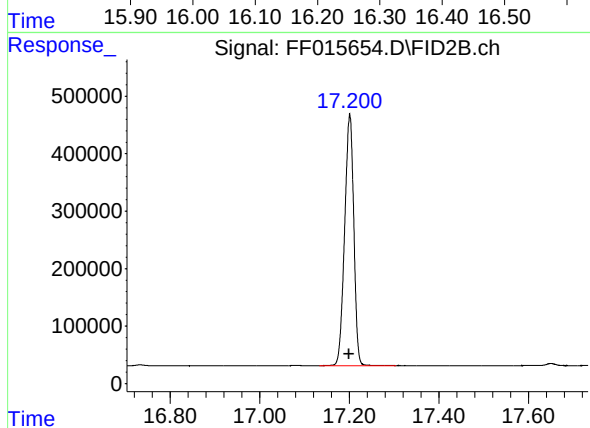
#10 N-TETRACOSANE

R.T.: 15.229 min
Delta R.T.: 0.003 min
Response: 6434671
Conc: 49.01 ug/ml



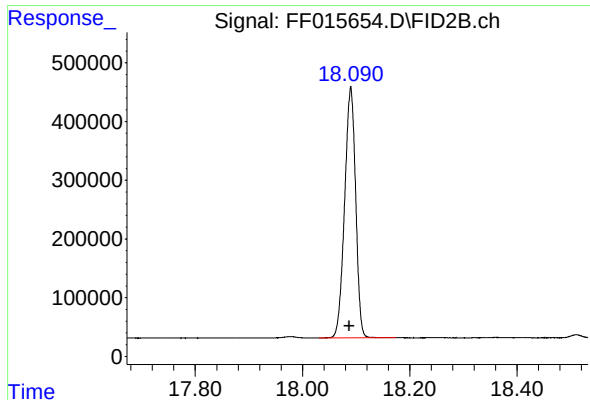
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: 0.001 min
Response: 6312109
Conc: 48.92 ug/ml



#12 N-OCTACOSANE

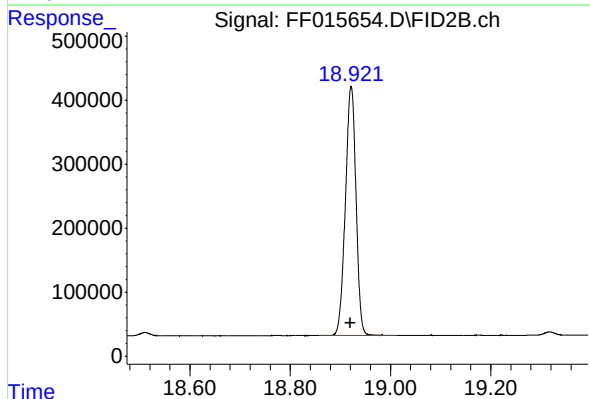
R.T.: 17.201 min
Delta R.T.: 0.002 min
Response: 6198768
Conc: 48.42 ug/ml



#13 N-TRIACONTANE

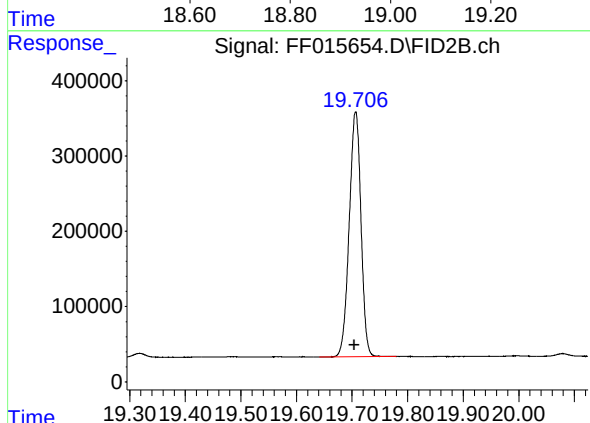
R.T.: 18.090 min
Delta R.T.: 0.003 min
Response: 6080718
Conc: 47.62 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



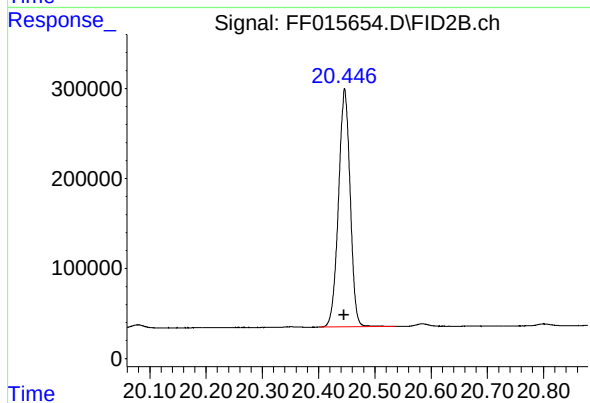
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: 0.001 min
Response: 5712651
Conc: 45.78 ug/ml



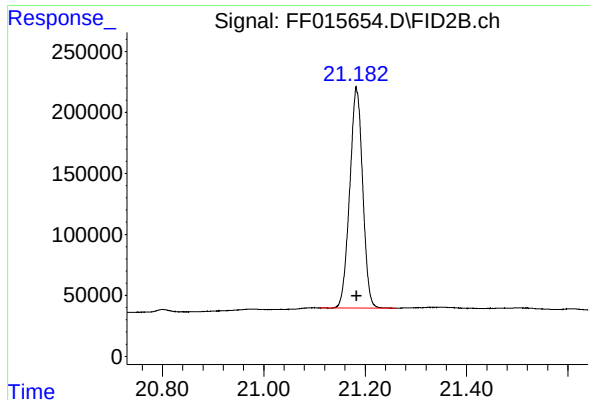
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: 0.002 min
Response: 4785709
Conc: 41.78 ug/ml



#16 N-HEXATRIACONTANE

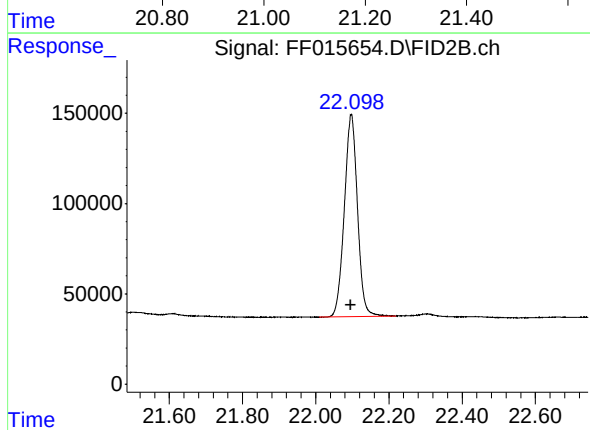
R.T.: 20.447 min
Delta R.T.: 0.001 min
Response: 3808150
Conc: 37.85 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.183 min
Delta R.T.: 0.000 min
Response: 3212978
Conc: 34.84 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.097 min
Delta R.T.: 0.001 min
Response: 2792404
Conc: 32.88 ug/ml