

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012425\
 Data File : FF015322.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 20:14
 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: Jan 24 22:58:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011425.M
 Quant Title :
 QLast Update : Tue Jan 14 11:12:55 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	6144229	46.922 ug/ml
Target Compounds			
1) N-OCTANE	2.034	6834504	51.340 ug/ml
2) N-DECANE	4.569	7192063	53.968 ug/ml
3) N-DODECANE	6.736	7386227	53.996 ug/ml
4) N-TETRADECANE	8.562	7132603	54.625 ug/ml
5) N-HEXADECANE	10.169	7171693	53.418 ug/ml
6) N-OCTADECANE	11.613	7321159	49.876 ug/ml
7) N-EICOSANE	12.924	7070392	48.361 ug/ml
8) N-DOCOSANE	14.124	6897344	47.634 ug/ml
10) N-TETRACOSANE	15.228	6791340	46.901 ug/ml
11) N-HEXACOSANE	16.251	6590196	46.770 ug/ml
12) N-OCTACOSANE	17.201	6518358	47.564 ug/ml
13) N-TRIACONTANE	18.090	6540276	49.172 ug/ml
14) N-DOTRIACONTANE	18.924	6420325	50.540 ug/ml
15) N-TETRATRIACONTANE	19.708	5833326	52.643 ug/ml
16) N-HEXATRIACONTANE	20.449	5071591	56.104 ug/ml
17) N-OCTATRIACONTANE	21.188	4738094	58.630 ug/ml
18) N-TETRACONTANE	22.107	4700114	61.961 ug/ml

(f)=RT Delta > 1/2 Window

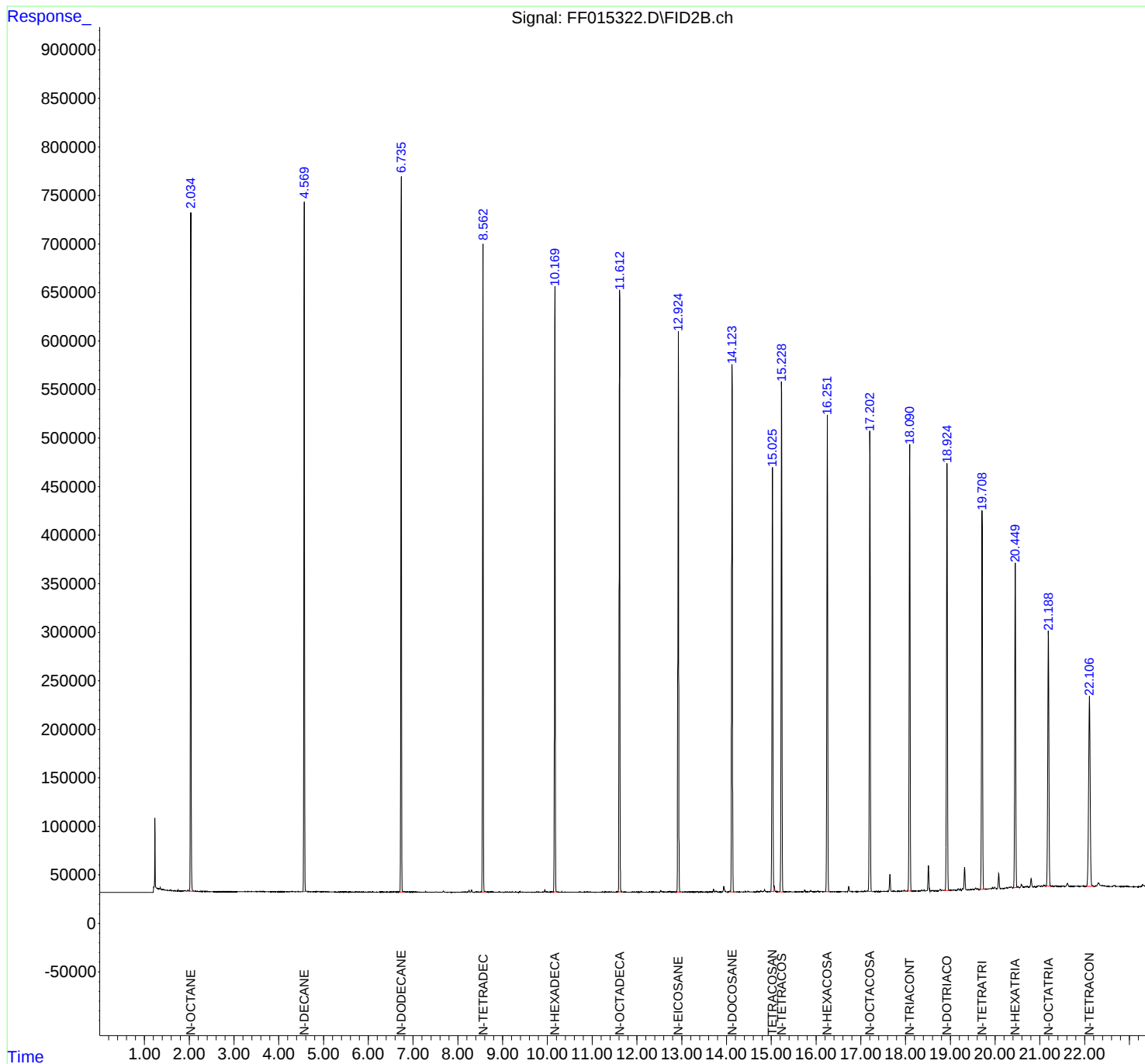
(m)=manual int.

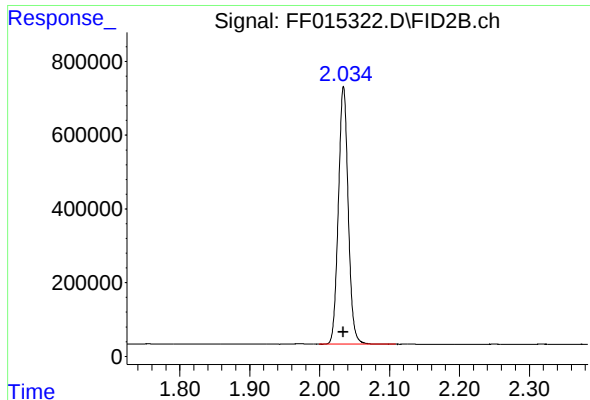
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

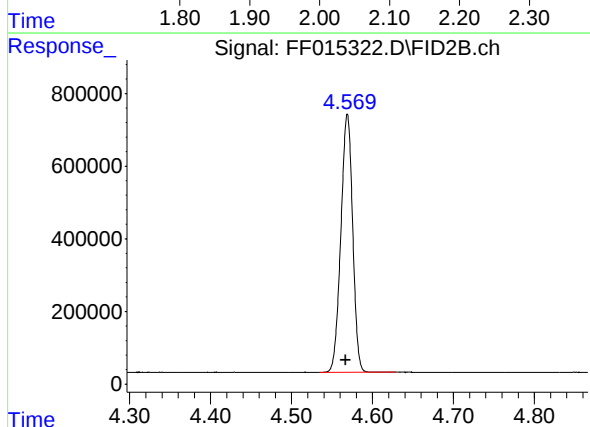




#1 N-OCTANE

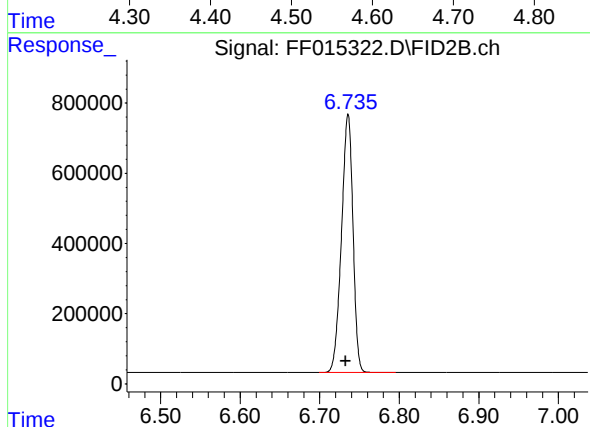
R.T.: 2.034 min
Delta R.T.: 0.000 min
Response: 6834504
Conc: 51.34 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



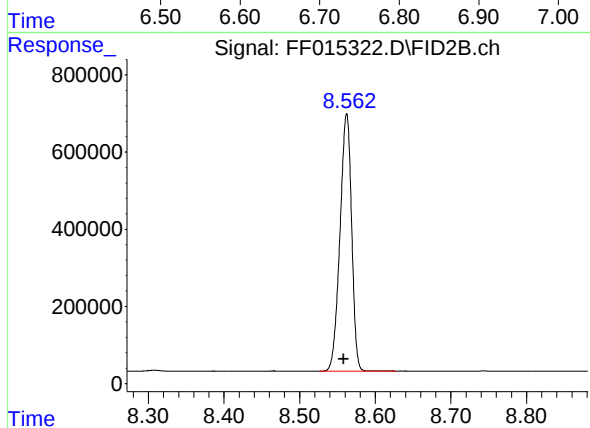
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 7192063
Conc: 53.97 ug/ml



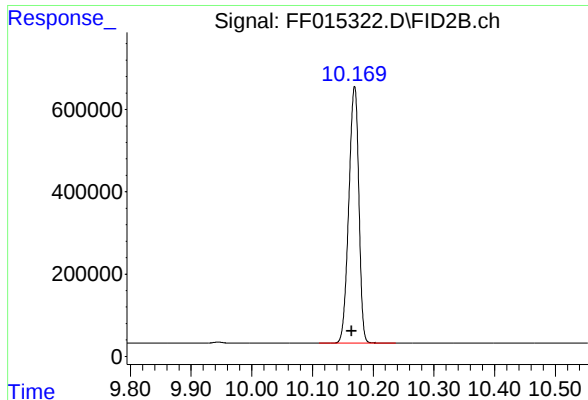
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: 0.003 min
Response: 7386227
Conc: 54.00 ug/ml



#4 N-TETRADECANE

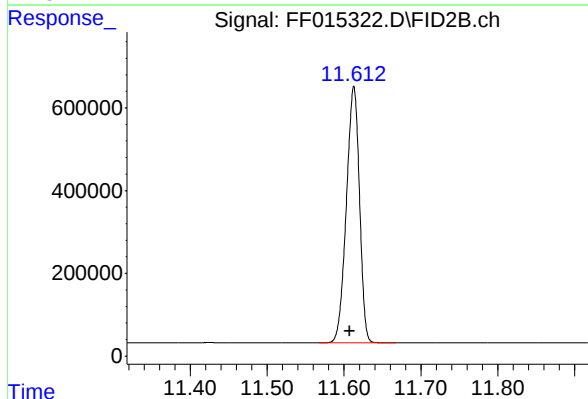
R.T.: 8.562 min
Delta R.T.: 0.004 min
Response: 7132603
Conc: 54.62 ug/ml



#5 N-HEXADECANE

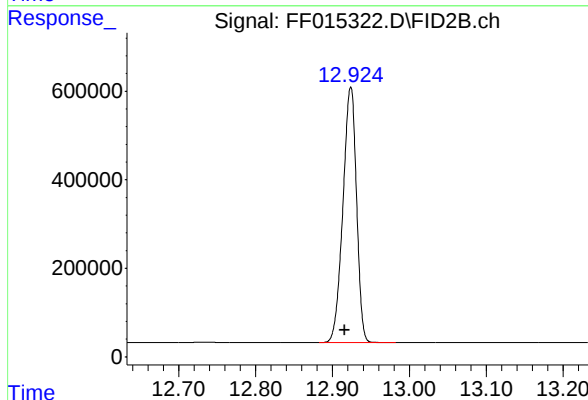
R.T.: 10.169 min
Delta R.T.: 0.005 min
Response: 7171693
Conc: 53.42 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



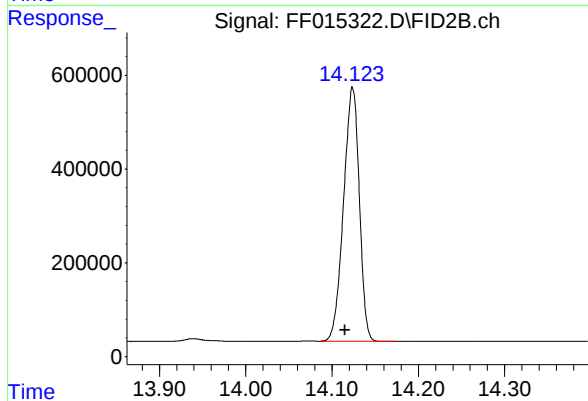
#6 N-OCTADECANE

R.T.: 11.613 min
Delta R.T.: 0.006 min
Response: 7321159
Conc: 49.88 ug/ml



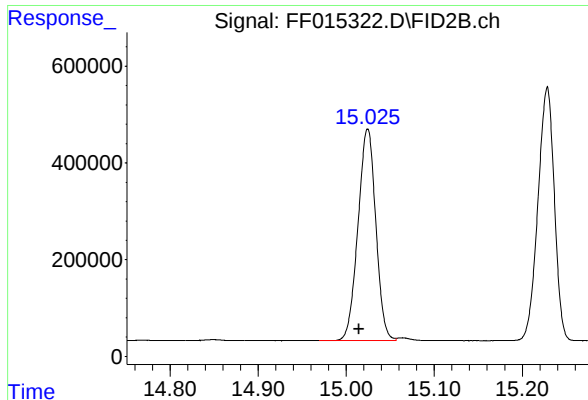
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: 0.008 min
Response: 7070392
Conc: 48.36 ug/ml



#8 N-DOCOSANE

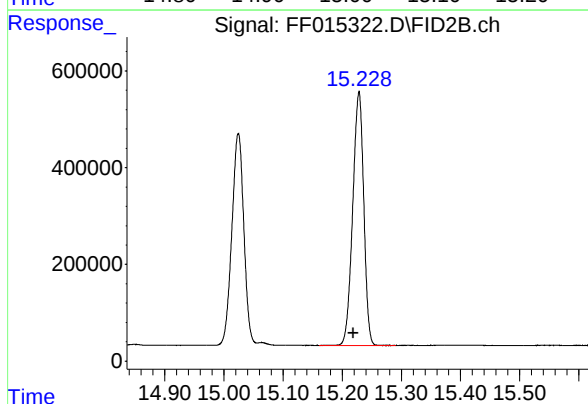
R.T.: 14.124 min
Delta R.T.: 0.009 min
Response: 6897344
Conc: 47.63 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

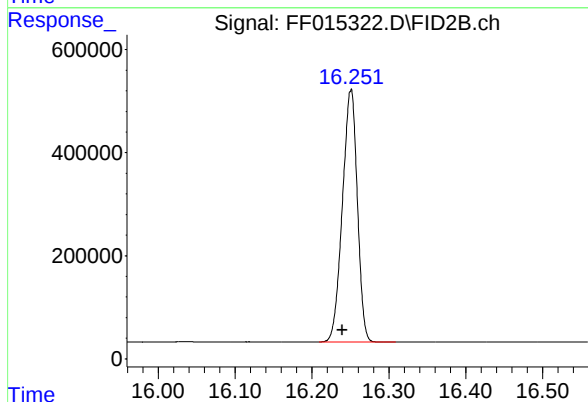
R.T.: 15.024 min
Delta R.T.: 0.010 min
Response: 6144229
Conc: 46.92 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



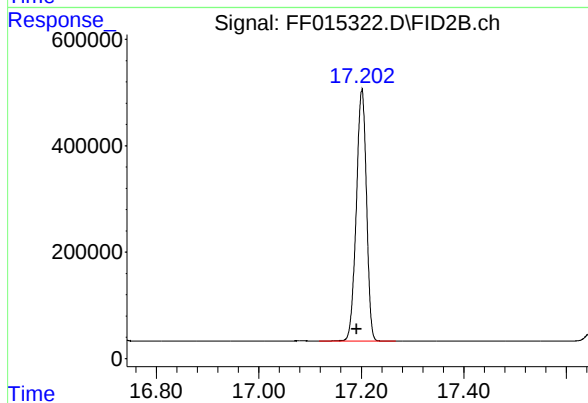
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: 0.009 min
Response: 6791340
Conc: 46.90 ug/ml



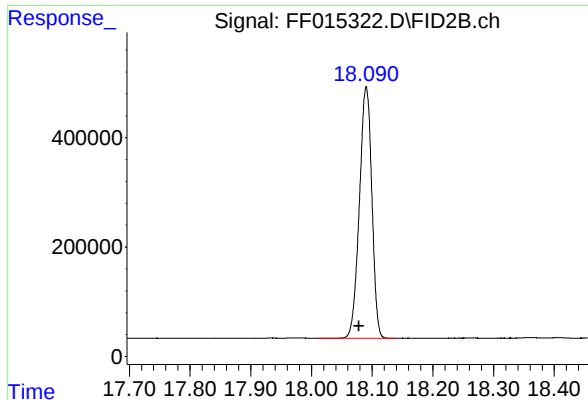
#11 N-HEXACOSANE

R.T.: 16.251 min
Delta R.T.: 0.011 min
Response: 6590196
Conc: 46.77 ug/ml



#12 N-OCTACOSANE

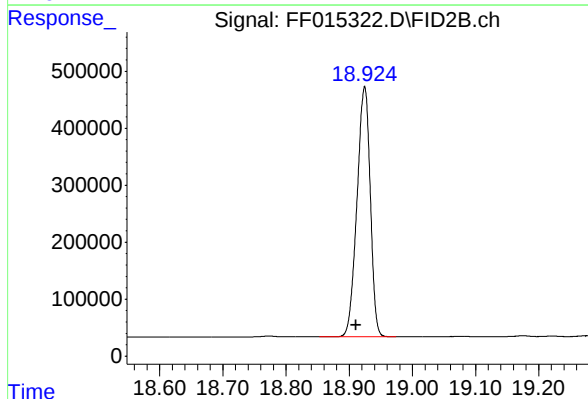
R.T.: 17.201 min
Delta R.T.: 0.011 min
Response: 6518358
Conc: 47.56 ug/ml



#13 N-TRIACONTANE

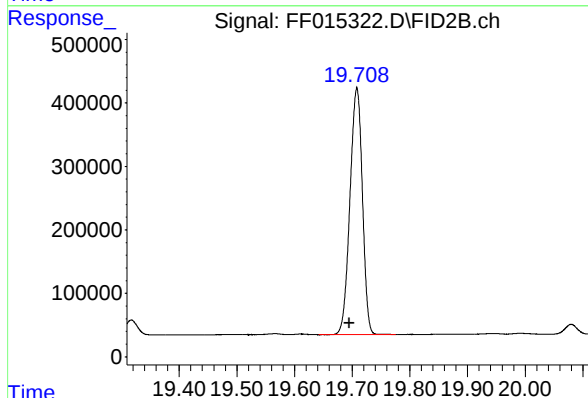
R.T.: 18.090 min
Delta R.T.: 0.012 min
Response: 6540276
Conc: 49.17 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



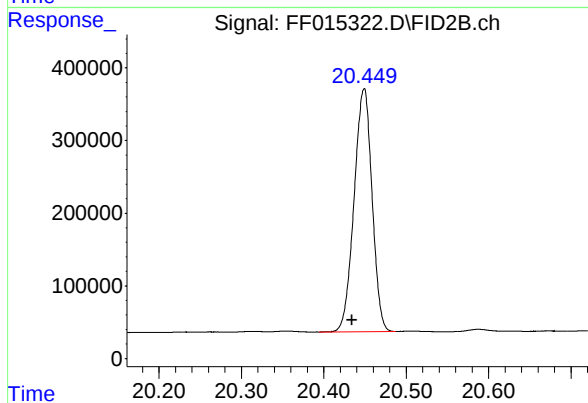
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: 0.014 min
Response: 6420325
Conc: 50.54 ug/ml



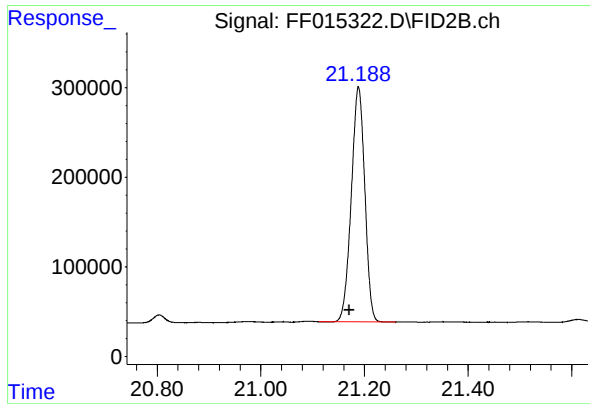
#15 N-TETRATRIACONTANE

R.T.: 19.708 min
Delta R.T.: 0.014 min
Response: 5833326
Conc: 52.64 ug/ml



#16 N-HEXATRIACONTANE

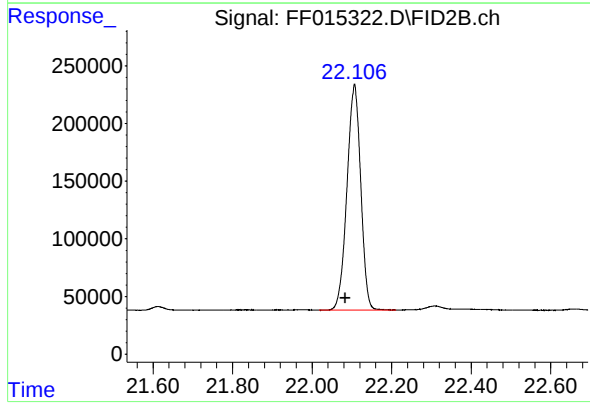
R.T.: 20.449 min
Delta R.T.: 0.014 min
Response: 5071591
Conc: 56.10 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.188 min
Delta R.T.: 0.018 min
Response: 4738094
Conc: 58.63 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.107 min
Delta R.T.: 0.023 min
Response: 4700114
Conc: 61.96 ug/ml