

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG120225\
 Data File : FG017044.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2025 16:32
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Dec 03 00:26:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG120125.M
 Quant Title :
 QLast Update : Mon Dec 01 15:19:01 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...	15.140	5388243	51.778 ug/ml
Target Compounds			
1) N-OCTANE	2.079	6221300	49.982 ug/ml
2) N-DECANE	4.615	6264604	52.516 ug/ml
3) N-DODECANE	6.798	6356554	53.217 ug/ml
4) N-TETRADECANE	8.637	6309456	54.518 ug/ml
5) N-HEXADECANE	10.255	6220062	54.359 ug/ml
6) N-OCTADECANE	11.708	6374893	53.151 ug/ml
7) N-EICOSANE	13.027	6478043	52.112 ug/ml
8) N-DOCOSANE	14.234	6224212	52.131 ug/ml
10) N-TETRACOSANE	15.345	6115278	52.050 ug/ml
11) N-HEXACOSANE	16.373	5863856	52.194 ug/ml
12) N-OCTACOSANE	17.329	5822655	51.602 ug/ml
13) N-TRIACONTANE	18.222	5728840	51.184 ug/ml
14) N-DOTRIACONTANE	19.060	5572961	51.551 ug/ml
15) N-TETRATRIACONTANE	19.847	5087417	50.747 ug/ml
16) N-HEXATRIACONTANE	20.591	4431239	50.805 ug/ml
17) N-OCTATRIACONTANE	21.365	3881243	50.898 ug/ml
18) N-TETRACONTANE	22.343	3340098	53.386 ug/ml

(f)=RT Delta > 1/2 Window

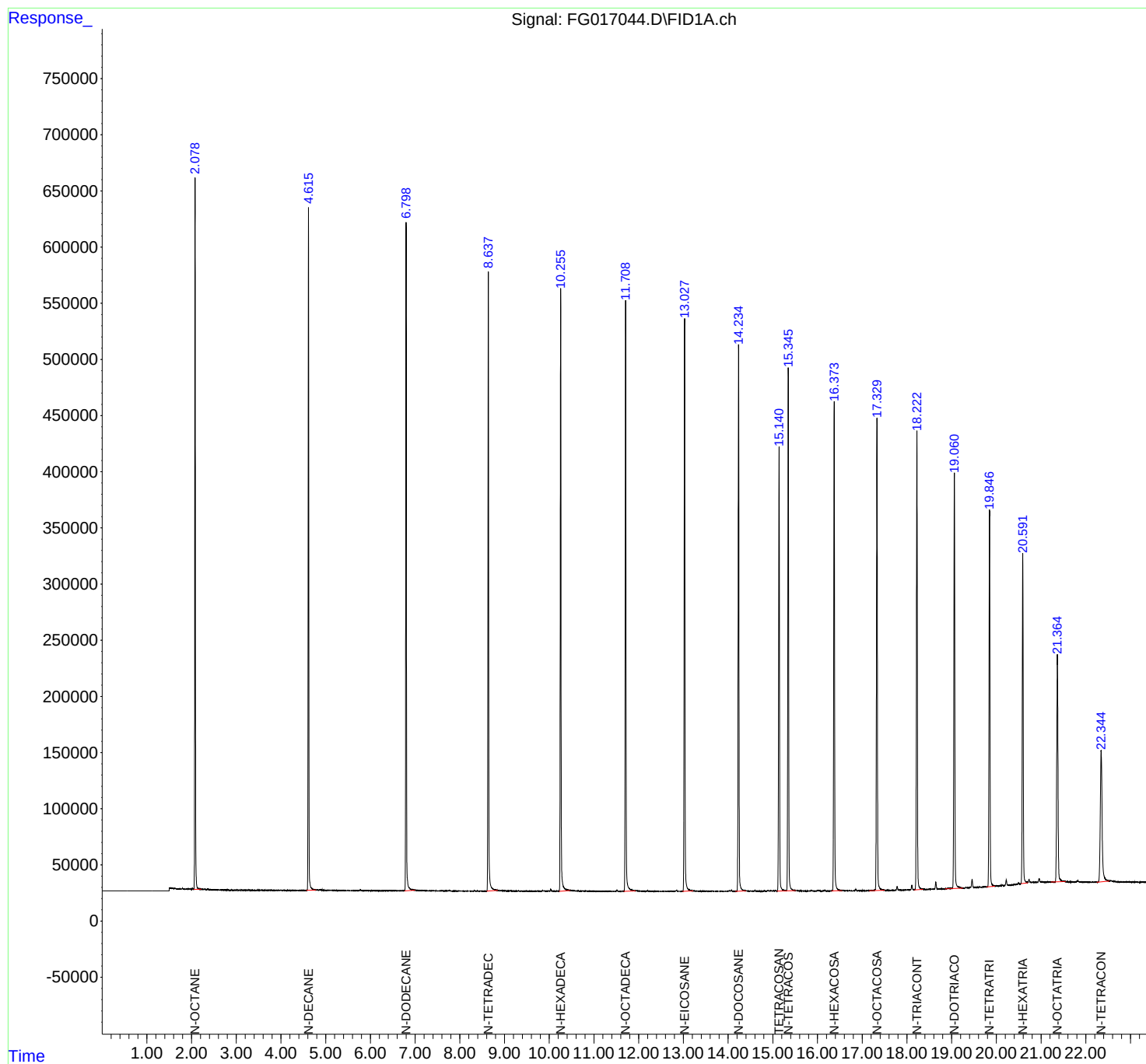
(m)=manual int.

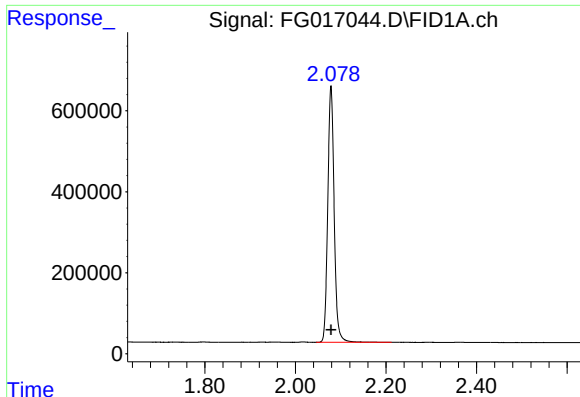
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Signal Info : 20mx0.18mmx0.18um

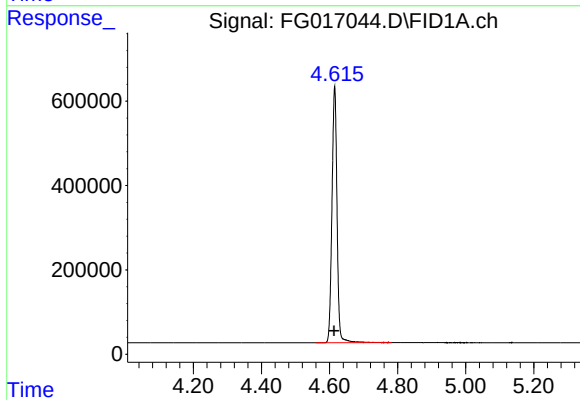




#1 N-OCTANE

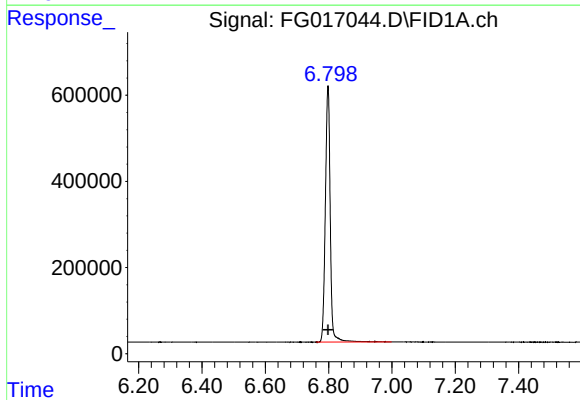
R.T.: 2.079 min
Delta R.T.: 0.000 min
Response: 6221300
Conc: 49.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



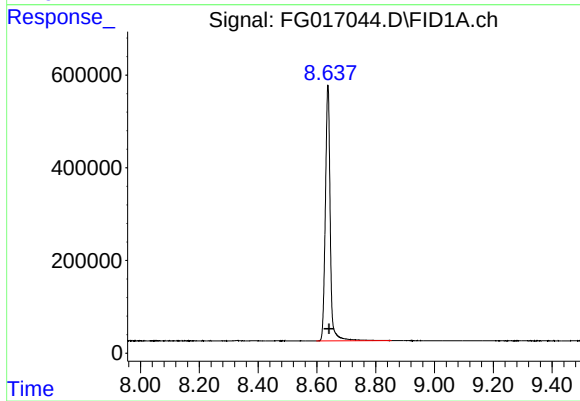
#2 N-DECANE

R.T.: 4.615 min
Delta R.T.: 0.001 min
Response: 6264604
Conc: 52.52 ug/ml



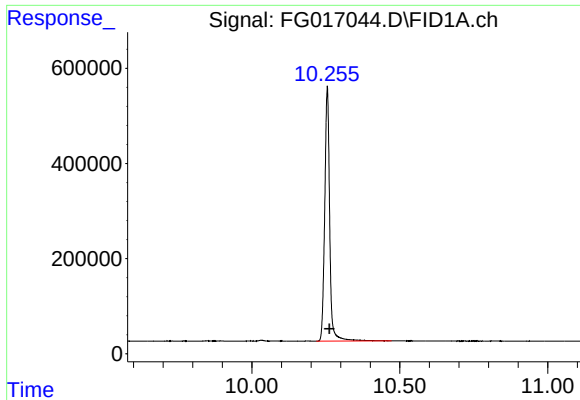
#3 N-DODECANE

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 6356554
Conc: 53.22 ug/ml



#4 N-TETRADECANE

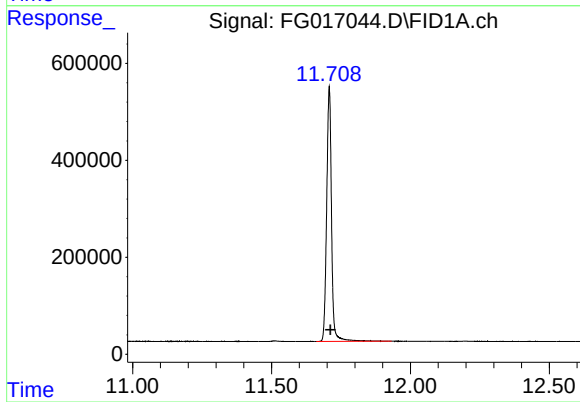
R.T.: 8.637 min
Delta R.T.: -0.005 min
Response: 6309456
Conc: 54.52 ug/ml



#5 N-HEXADECANE

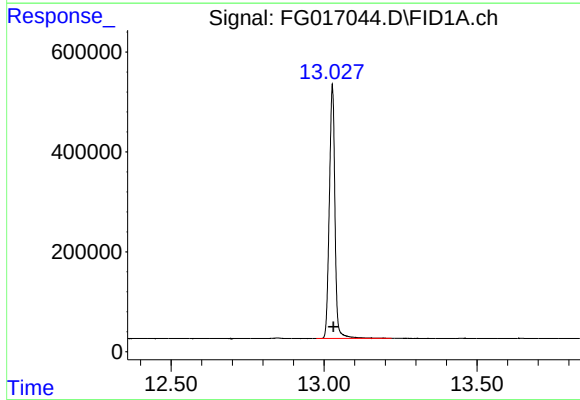
R.T.: 10.255 min
Delta R.T.: -0.007 min
Response: 6220062
Conc: 54.36 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



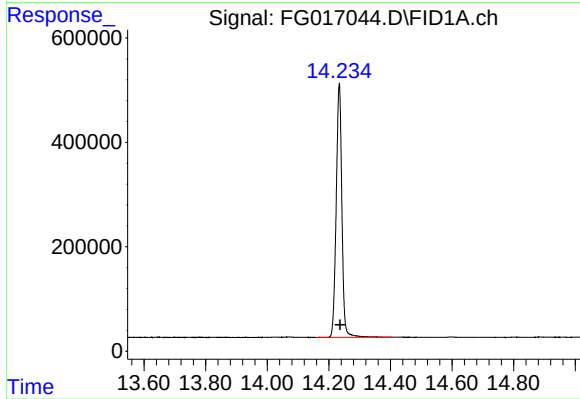
#6 N-OCTADECANE

R.T.: 11.708 min
Delta R.T.: -0.004 min
Response: 6374893
Conc: 53.15 ug/ml



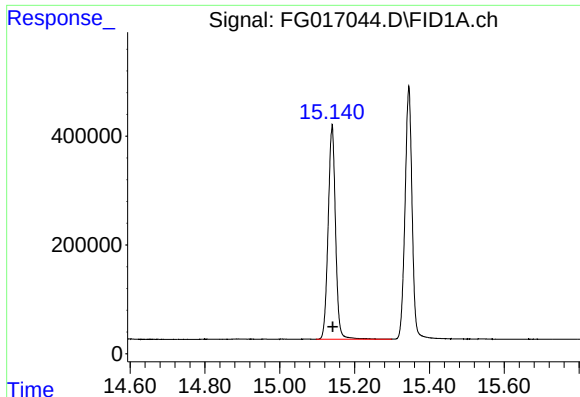
#7 N-EICOSANE

R.T.: 13.027 min
Delta R.T.: -0.004 min
Response: 6478043
Conc: 52.11 ug/ml



#8 N-DOCOSANE

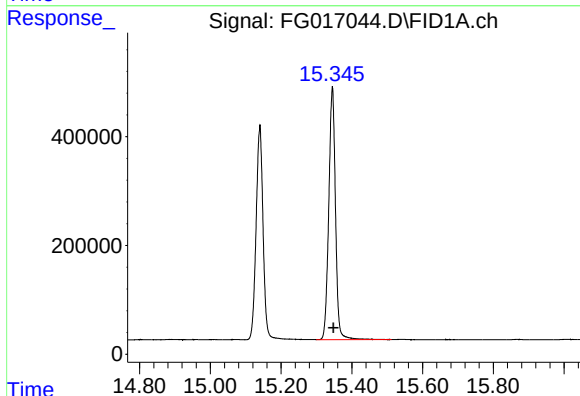
R.T.: 14.234 min
Delta R.T.: -0.003 min
Response: 6224212
Conc: 52.13 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

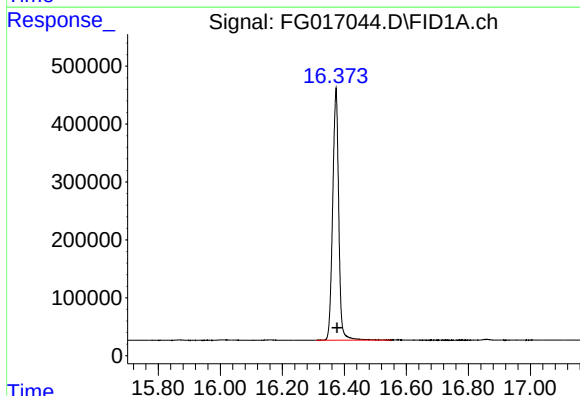
R.T.: 15.140 min
Delta R.T.: -0.002 min
Response: 5388243
Conc: 51.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



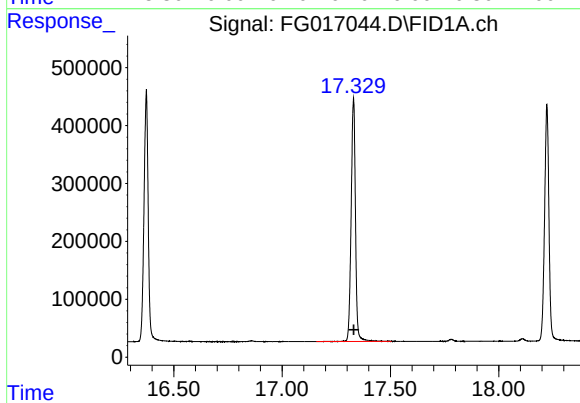
#10 N-TETRACOSANE

R.T.: 15.345 min
Delta R.T.: -0.003 min
Response: 6115278
Conc: 52.05 ug/ml



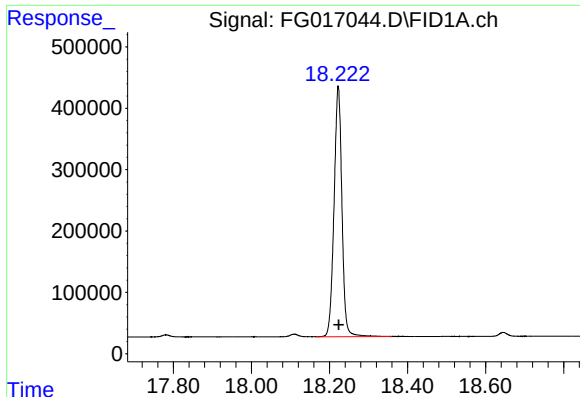
#11 N-HEXACOSANE

R.T.: 16.373 min
Delta R.T.: -0.004 min
Response: 5863856
Conc: 52.19 ug/ml



#12 N-OCTACOSANE

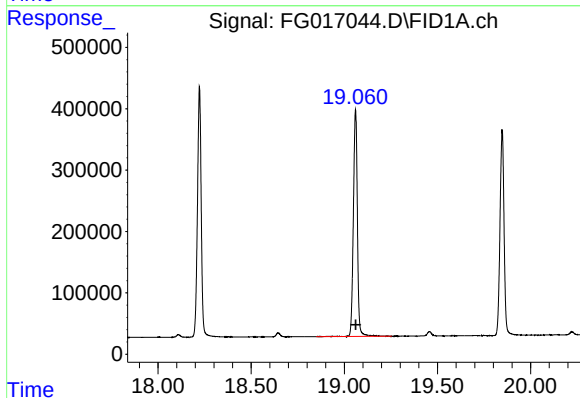
R.T.: 17.329 min
Delta R.T.: -0.002 min
Response: 5822655
Conc: 51.60 ug/ml



#13 N-TRIACONTANE

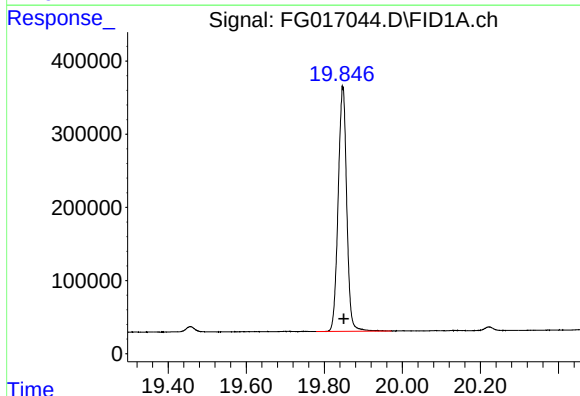
R.T.: 18.222 min
Delta R.T.: -0.001 min
Response: 5728840
Conc: 51.18 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



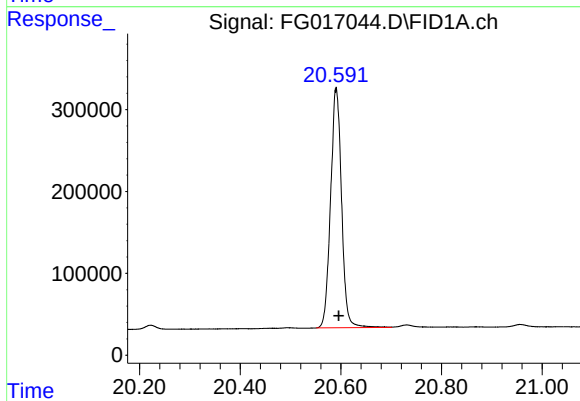
#14 N-DOTRIACONTANE

R.T.: 19.060 min
Delta R.T.: 0.000 min
Response: 5572961
Conc: 51.55 ug/ml



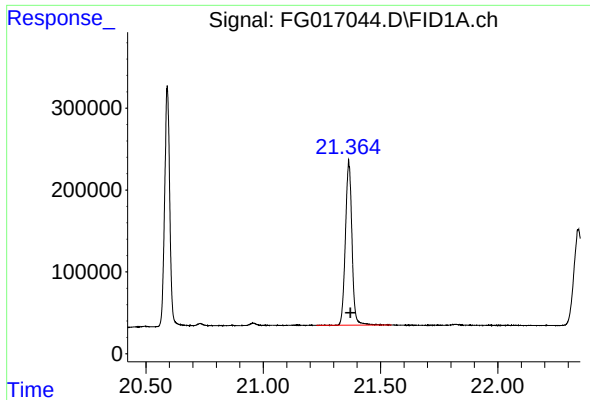
#15 N-TETRATRIACONTANE

R.T.: 19.847 min
Delta R.T.: -0.002 min
Response: 5087417
Conc: 50.75 ug/ml



#16 N-HEXATRIACONTANE

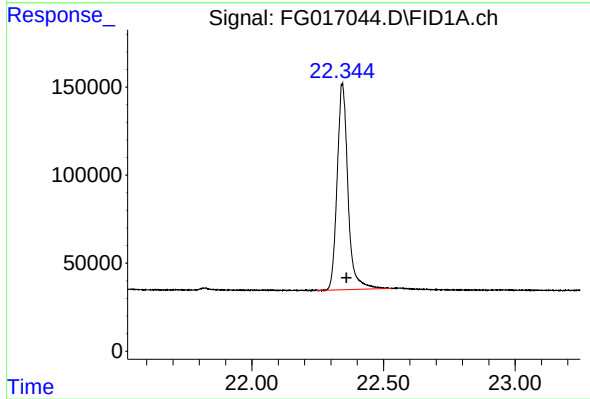
R.T.: 20.591 min
Delta R.T.: -0.005 min
Response: 4431239
Conc: 50.81 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.365 min
Delta R.T.: -0.008 min
Response: 3881243
Conc: 50.90 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.343 min
Delta R.T.: -0.016 min
Response: 3340098
Conc: 53.39 ug/ml