

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG041625\
 Data File : FG015670.D
 Signal(s) : FID1A.ch
 Acq On : 16 Apr 2025 11:37
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Apr 17 02:16:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG032725.M
 Quant Title :
 QLast Update : Thu Mar 27 11:04:29 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...	15.011	5642589	49.253 ug/ml
Target Compounds			
1) N-OCTANE	1.980	5516439	47.461 ug/ml
2) N-DECANE	4.510	5967203	50.512 ug/ml
3) N-DODECANE	6.693	6188092	50.962 ug/ml
4) N-TETRADECANE	8.530	6231470	49.416 ug/ml
5) N-HEXADECANE	10.144	6325604	49.128 ug/ml
6) N-OCTADECANE	11.593	6491150	49.272 ug/ml
7) N-EICOSANE	12.907	6388608	47.711 ug/ml
8) N-DOCOSANE	14.109	6206579	47.763 ug/ml
10) N-TETRACOSANE	15.217	6123149	47.273 ug/ml
11) N-HEXACOSANE	16.240	5932175	46.609 ug/ml
12) N-OCTACOSANE	17.193	5780071	46.239 ug/ml
13) N-TRIACONTANE	18.082	5679935	45.376 ug/ml
14) N-DOTRIACONTANE	18.916	5221143	43.994 ug/ml
15) N-TETRATRIACONTANE	19.700	4085527	39.142 ug/ml
16) N-HEXATRIACONTANE	20.441	2842435	32.431 ug/ml
17) N-OCTATRIACONTANE	21.182	1964754	26.327 ug/ml
18) N-TETRACONTANE	22.105	1342404	20.266 ug/ml

(f)=RT Delta > 1/2 Window

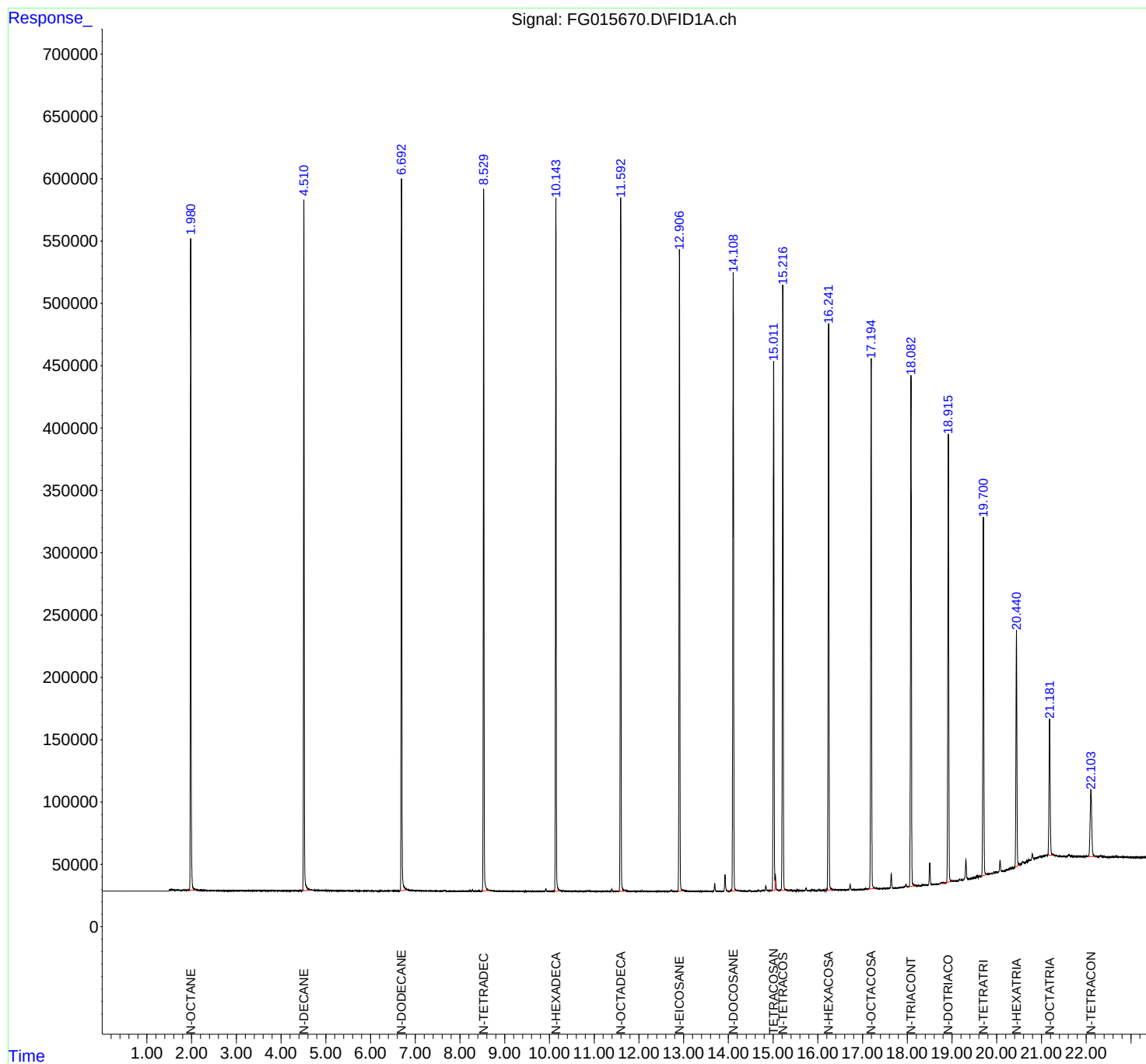
(m)=manual int.

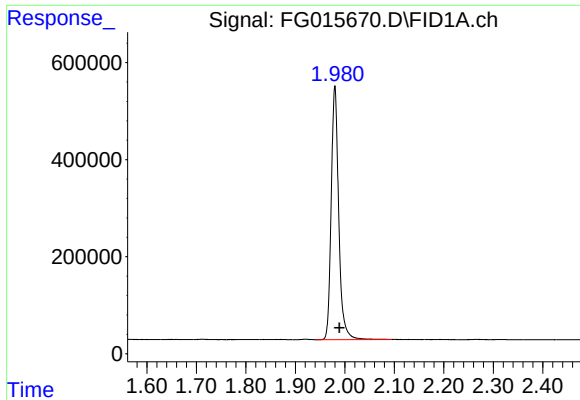
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Response via : Initial Calibration
Integrator: ChemStation

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

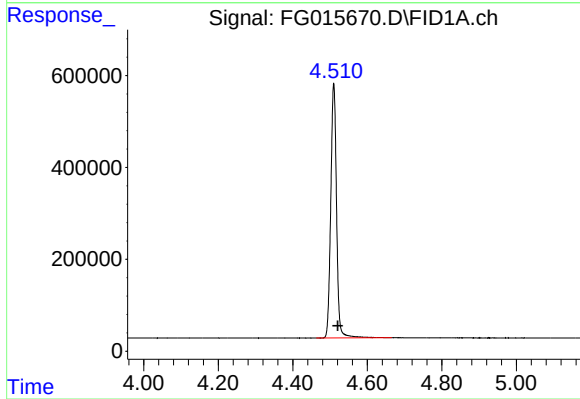




#1 N-OCTANE

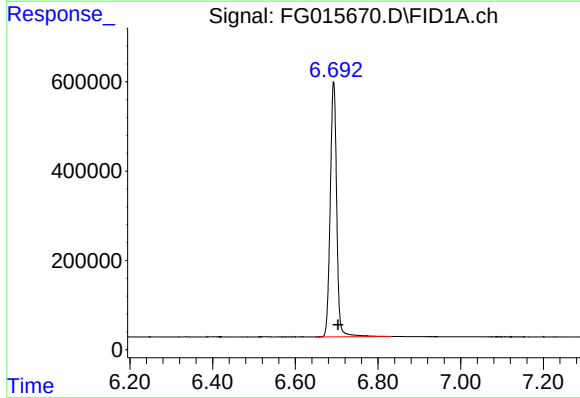
R.T.: 1.980 min
Delta R.T.: -0.009 min
Response: 5516439
Conc: 47.46 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



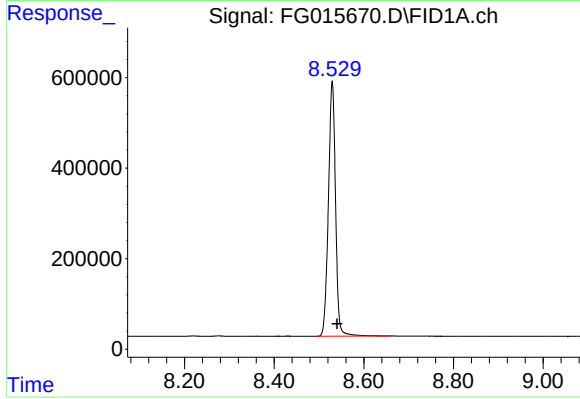
#2 N-DECANE

R.T.: 4.510 min
Delta R.T.: -0.011 min
Response: 5967203
Conc: 50.51 ug/ml



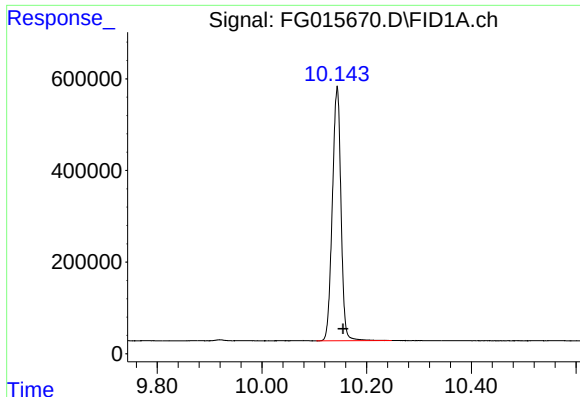
#3 N-DODECANE

R.T.: 6.693 min
Delta R.T.: -0.011 min
Response: 6188092
Conc: 50.96 ug/ml



#4 N-TETRADECANE

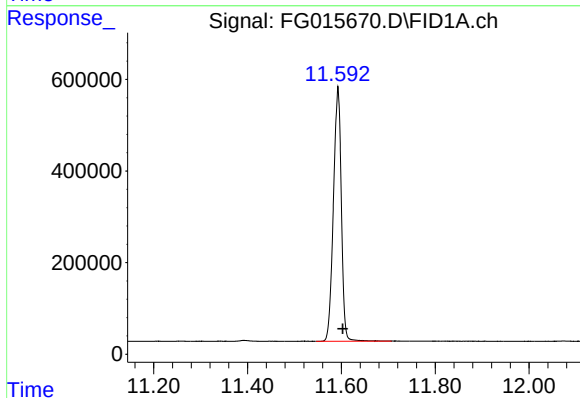
R.T.: 8.530 min
Delta R.T.: -0.010 min
Response: 6231470
Conc: 49.42 ug/ml



#5 N-HEXADECANE

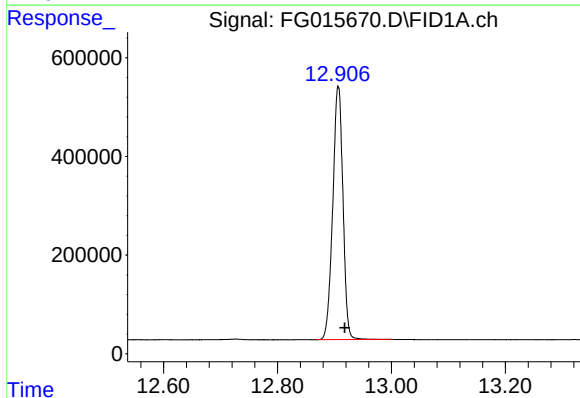
R.T.: 10.144 min
Delta R.T.: -0.011 min
Response: 6325604
Conc: 49.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



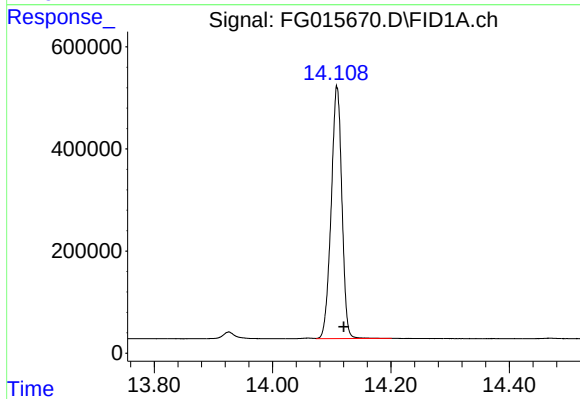
#6 N-OCTADECANE

R.T.: 11.593 min
Delta R.T.: -0.010 min
Response: 6491150
Conc: 49.27 ug/ml



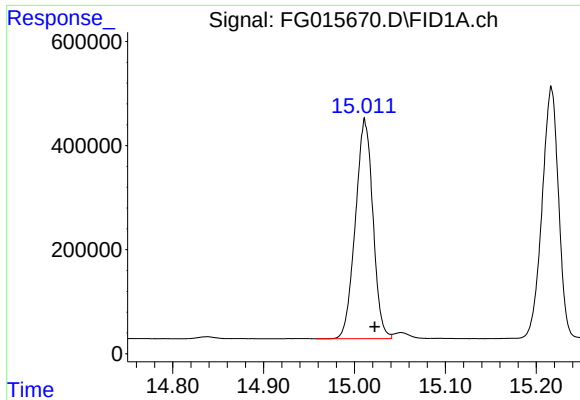
#7 N-EICOSANE

R.T.: 12.907 min
Delta R.T.: -0.011 min
Response: 6388608
Conc: 47.71 ug/ml



#8 N-DOCOSANE

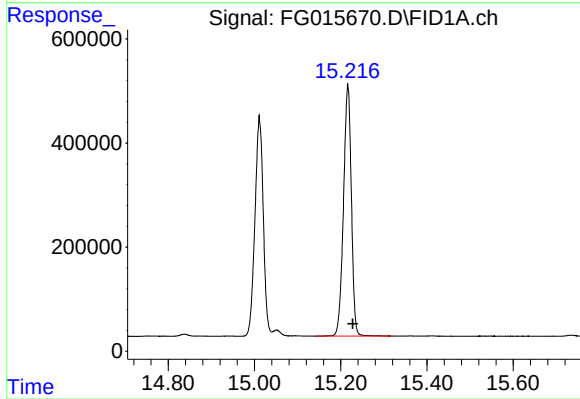
R.T.: 14.109 min
Delta R.T.: -0.012 min
Response: 6206579
Conc: 47.76 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

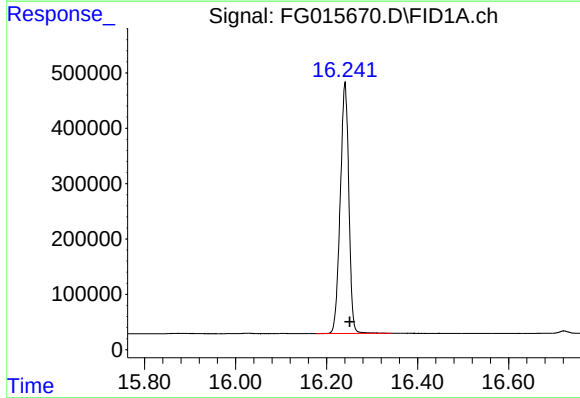
R.T.: 15.011 min
Delta R.T.: -0.011 min
Response: 5642589
Conc: 49.25 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



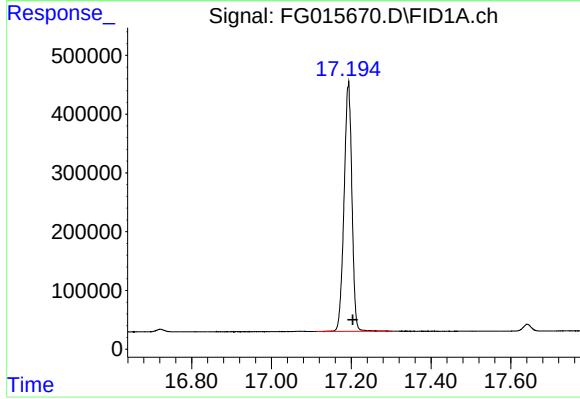
#10 N-TETRACOSANE

R.T.: 15.217 min
Delta R.T.: -0.011 min
Response: 6123149
Conc: 47.27 ug/ml



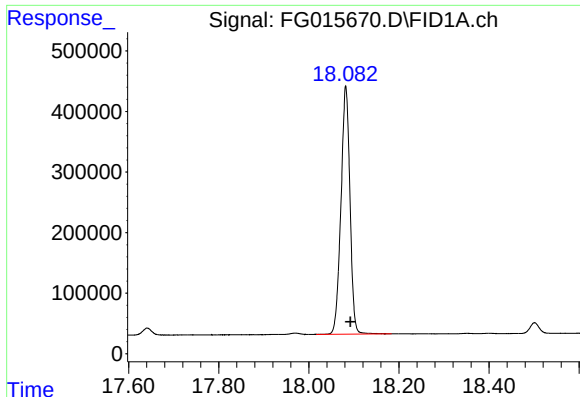
#11 N-HEXACOSANE

R.T.: 16.240 min
Delta R.T.: -0.011 min
Response: 5932175
Conc: 46.61 ug/ml



#12 N-OCTACOSANE

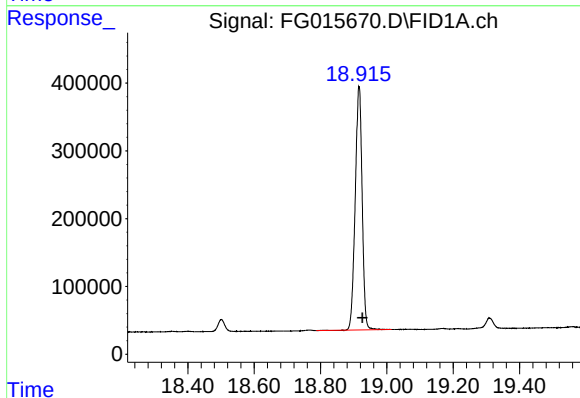
R.T.: 17.193 min
Delta R.T.: -0.011 min
Response: 5780071
Conc: 46.24 ug/ml



#13 N-TRIACONTANE

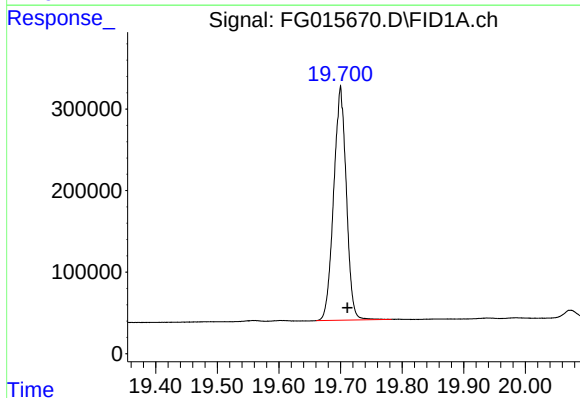
R.T.: 18.082 min
Delta R.T.: -0.010 min
Response: 5679935
Conc: 45.38 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



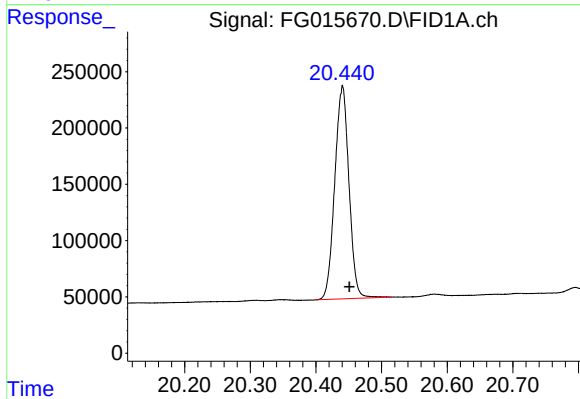
#14 N-DOTRIACONTANE

R.T.: 18.916 min
Delta R.T.: -0.010 min
Response: 5221143
Conc: 43.99 ug/ml



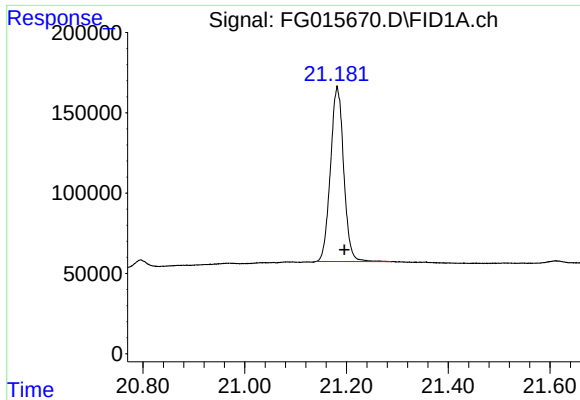
#15 N-TETRATRIACONTANE

R.T.: 19.700 min
Delta R.T.: -0.011 min
Response: 4085527
Conc: 39.14 ug/ml



#16 N-HEXATRIACONTANE

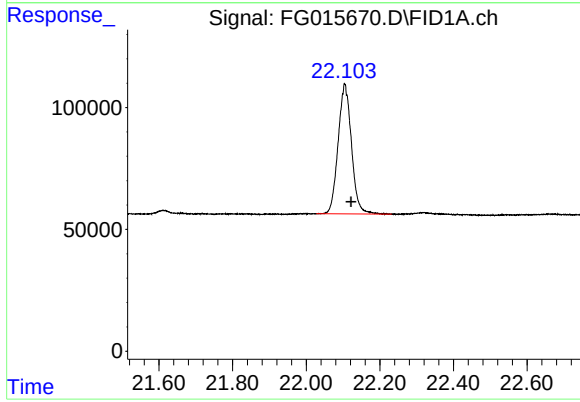
R.T.: 20.441 min
Delta R.T.: -0.010 min
Response: 2842435
Conc: 32.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.182 min
Delta R.T.: -0.014 min
Response: 1964754
Conc: 26.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.105 min
Delta R.T.: -0.017 min
Response: 1342404
Conc: 20.27 ug/ml