

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052225\
 Data File : FG015888.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 22:31
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: May 22 06:11:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:09:12 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...	14.983	2418172	19.797 ug/ml
Target Compounds			
1) N-OCTANE	1.963	2335445	19.929 ug/ml
2) N-DECANE	4.486	2356321	19.323 ug/ml
3) N-DODECANE	6.669	2467513	19.444 ug/ml
4) N-TETRADECANE	8.504	2551608	19.335 ug/ml
5) N-HEXADECANE	10.118	2643681	19.547 ug/ml
6) N-OCTADECANE	11.565	2733314	19.630 ug/ml
7) N-EICOSANE	12.879	2792880	19.703 ug/ml
8) N-DOCOSANE	14.081	2715262	19.692 ug/ml
10) N-TETRACOSANE	15.187	2713974	19.711 ug/ml
11) N-HEXACOSANE	16.211	2680101	19.636 ug/ml
12) N-OCTACOSANE	17.163	2669450	19.883 ug/ml
13) N-TRIACONTANE	18.053	2730176	20.341 ug/ml
14) N-DOTRIACONTANE	18.887	2673260	20.715 ug/ml
15) N-TETRATRIACONTANE	19.671	2478034	21.080 ug/ml
16) N-HEXATRIACONTANE	20.412	2242161	22.063 ug/ml
17) N-OCTATRIACONTANE	21.150	2042121	22.341 ug/ml
18) N-TETRACONTANE	22.063	1871947	22.131 ug/ml

(f)=RT Delta > 1/2 Window

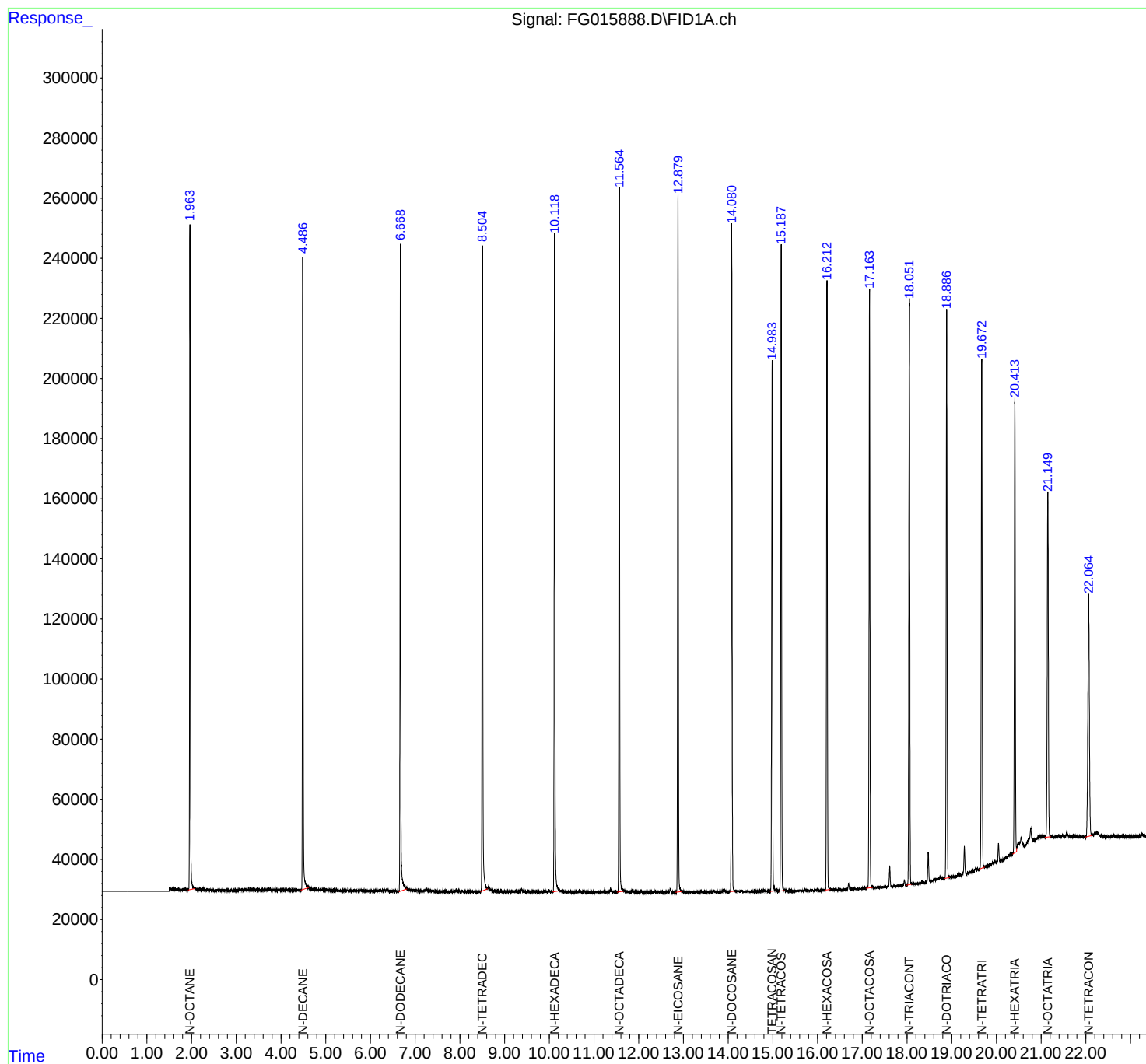
(m)=manual int.

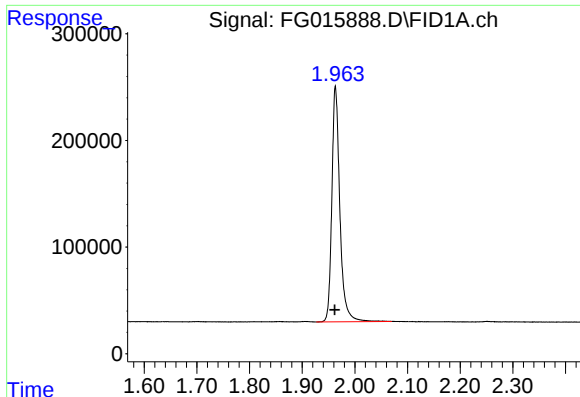
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

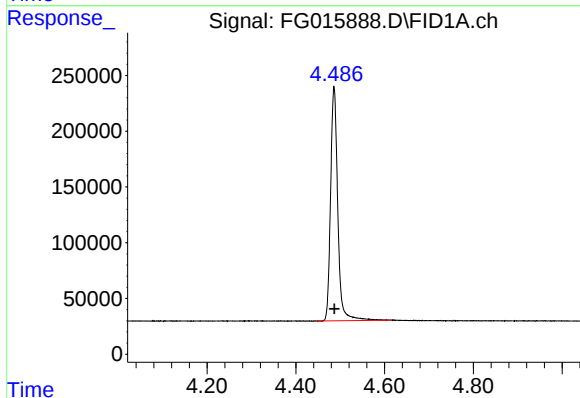




#1 N-OCTANE

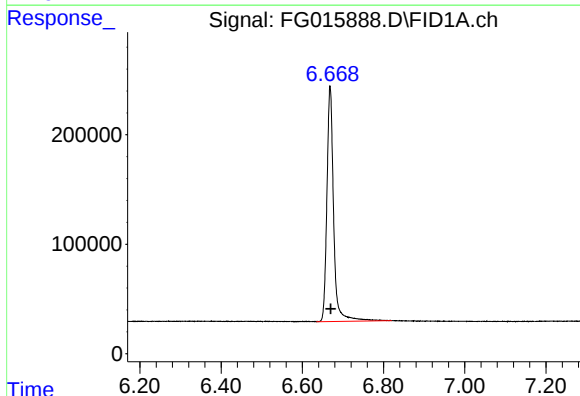
R.T.: 1.963 min
Delta R.T.: 0.001 min
Response: 2335445
Conc: 19.93 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



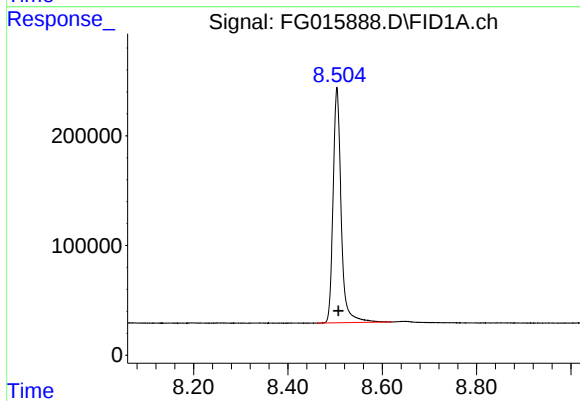
#2 N-DECANE

R.T.: 4.486 min
Delta R.T.: -0.001 min
Response: 2356321
Conc: 19.32 ug/ml



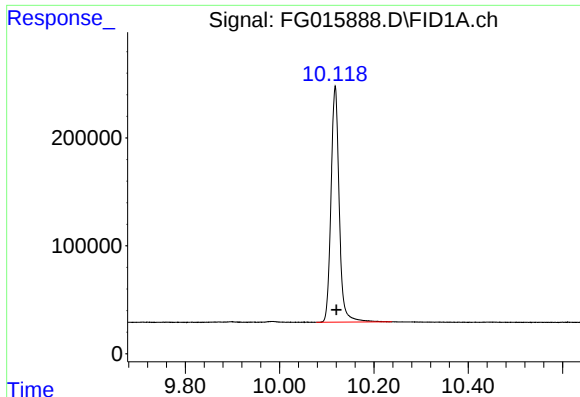
#3 N-DODECANE

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 2467513
Conc: 19.44 ug/ml



#4 N-TETRADECANE

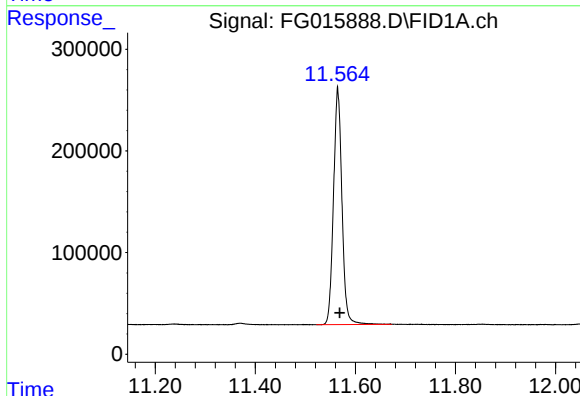
R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 2551608
Conc: 19.33 ug/ml



#5 N-HEXADECANE

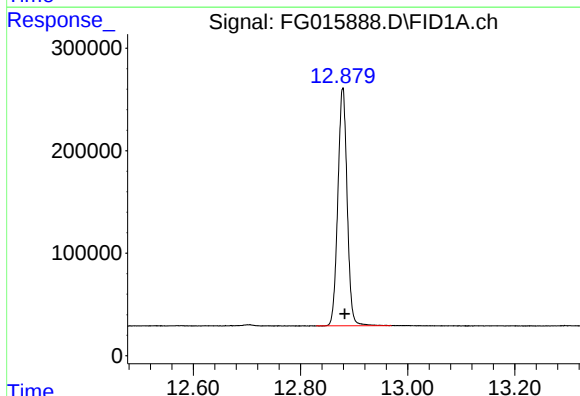
R.T.: 10.118 min
Delta R.T.: -0.002 min
Response: 2643681
Conc: 19.55 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



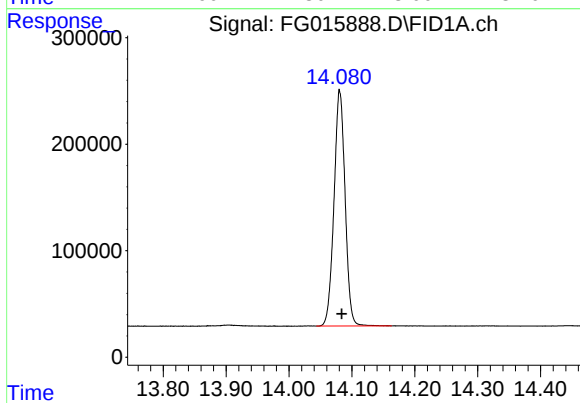
#6 N-OCTADECANE

R.T.: 11.565 min
Delta R.T.: -0.004 min
Response: 2733314
Conc: 19.63 ug/ml



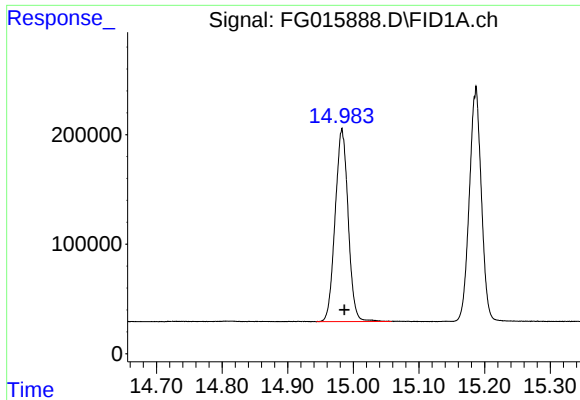
#7 N-EICOSANE

R.T.: 12.879 min
Delta R.T.: -0.004 min
Response: 2792880
Conc: 19.70 ug/ml



#8 N-DOCOSANE

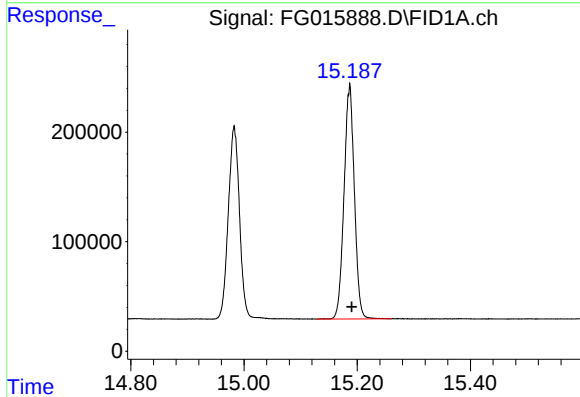
R.T.: 14.081 min
Delta R.T.: -0.003 min
Response: 2715262
Conc: 19.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

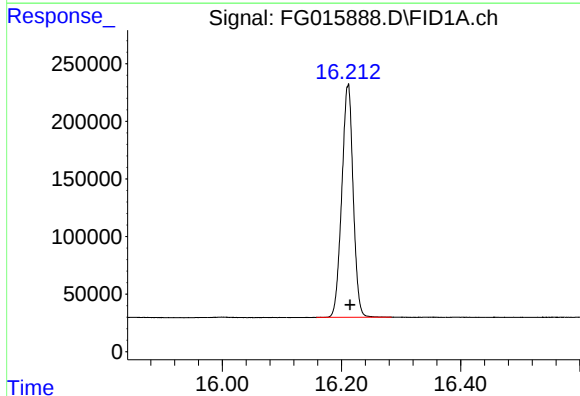
R.T.: 14.983 min
Delta R.T.: -0.004 min
Response: 2418172
Conc: 19.80 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



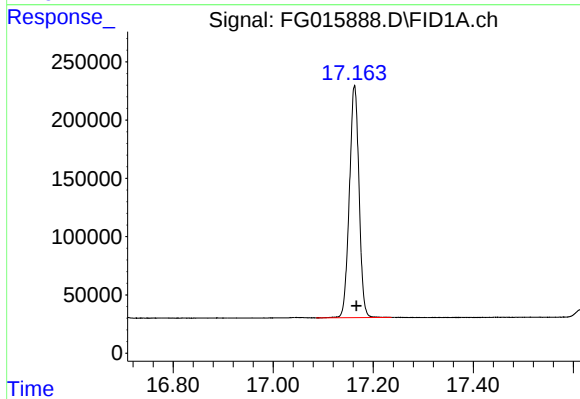
#10 N-TETRACOSANE

R.T.: 15.187 min
Delta R.T.: -0.004 min
Response: 2713974
Conc: 19.71 ug/ml



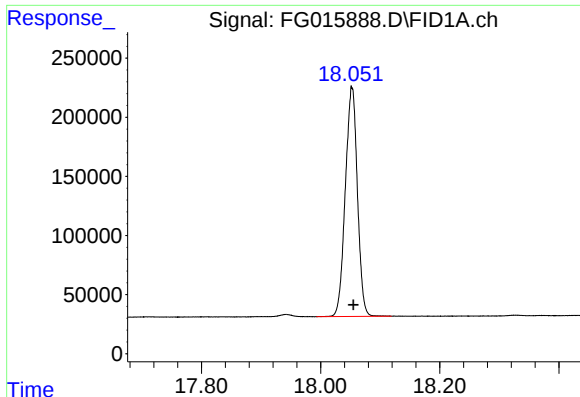
#11 N-HEXACOSANE

R.T.: 16.211 min
Delta R.T.: -0.004 min
Response: 2680101
Conc: 19.64 ug/ml



#12 N-OCTACOSANE

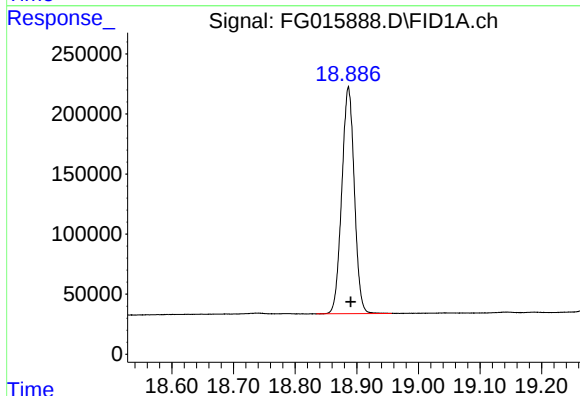
R.T.: 17.163 min
Delta R.T.: -0.004 min
Response: 2669450
Conc: 19.88 ug/ml



#13 N-TRIACONTANE

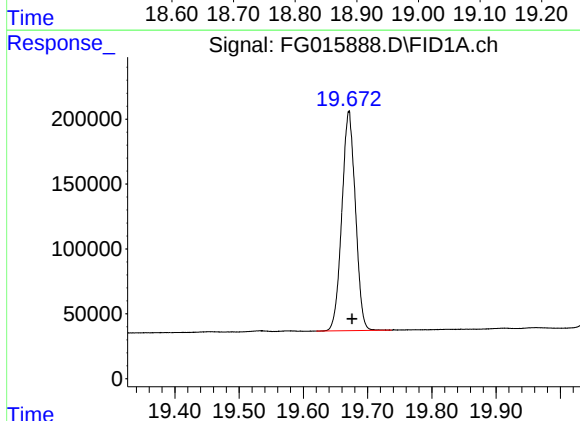
R.T.: 18.053 min
Delta R.T.: -0.003 min
Response: 2730176
Conc: 20.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



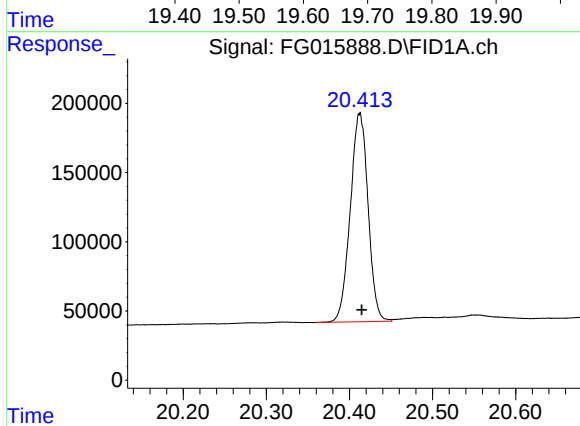
#14 N-DOTRIACONTANE

R.T.: 18.887 min
Delta R.T.: -0.004 min
Response: 2673260
Conc: 20.71 ug/ml



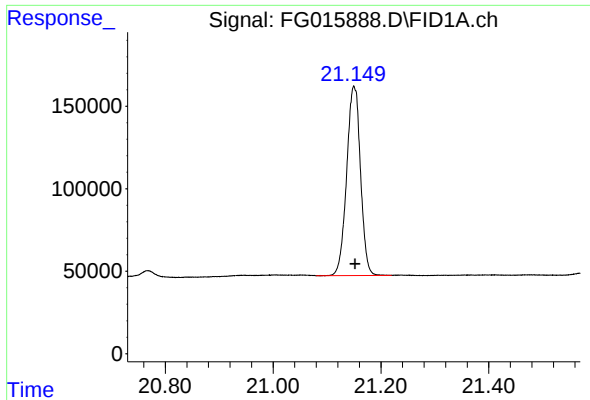
#15 N-TETRATRIACONTANE

R.T.: 19.671 min
Delta R.T.: -0.005 min
Response: 2478034
Conc: 21.08 ug/ml



#16 N-HEXATRIACONTANE

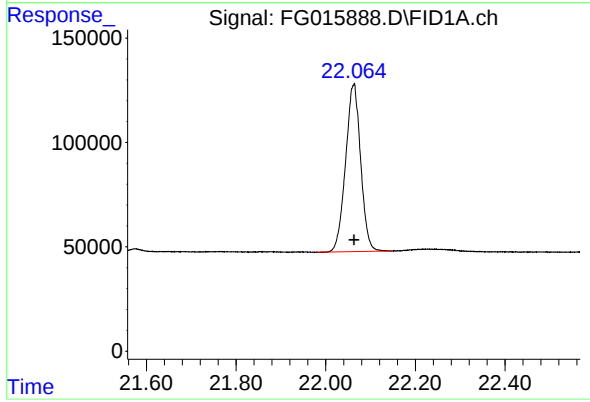
R.T.: 20.412 min
Delta R.T.: -0.003 min
Response: 2242161
Conc: 22.06 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.150 min
Delta R.T.: -0.002 min
Response: 2042121
Conc: 22.34 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.063 min
Delta R.T.: 0.000 min
Response: 1871947
Conc: 22.13 ug/ml