

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG042425\
 Data File : FG015758.D
 Signal(s) : FID1A.ch
 Acq On : 24 Apr 2025 11:46
 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: Apr 24 11:54:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 11:54:05 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...	15.000	2321990	20.251 ug/ml
Target Compounds			
1) N-OCTANE	1.974	2237524	20.057 ug/ml
2) N-DECANE	4.502	2238396	19.771 ug/ml
3) N-DODECANE	6.684	2319481	19.720 ug/ml
4) N-TETRADECANE	8.520	2417851	19.851 ug/ml
5) N-HEXADECANE	10.134	2497764	19.970 ug/ml
6) N-OCTADECANE	11.582	2589337	20.049 ug/ml
7) N-EICOSANE	12.895	2668069	20.174 ug/ml
8) N-DOCOSANE	14.098	2616865	20.221 ug/ml
10) N-TETRACOSANE	15.204	2622580	20.224 ug/ml
11) N-HEXACOSANE	16.229	2625744	20.252 ug/ml
12) N-OCTACOSANE	17.181	2614668	20.314 ug/ml
13) N-TRIACONTANE	18.070	2657089	20.447 ug/ml
14) N-DOTRIACONTANE	18.904	2600271	20.490 ug/ml
15) N-TETRATRIACONTANE	19.689	2454733	21.076 ug/ml
16) N-HEXATRIACONTANE	20.430	2212619	21.695 ug/ml
17) N-OCTATRIACONTANE	21.168	2053554	22.497 ug/ml
18) N-TETRACONTANE	22.089	1847089	22.327 ug/ml

(f)=RT Delta > 1/2 Window

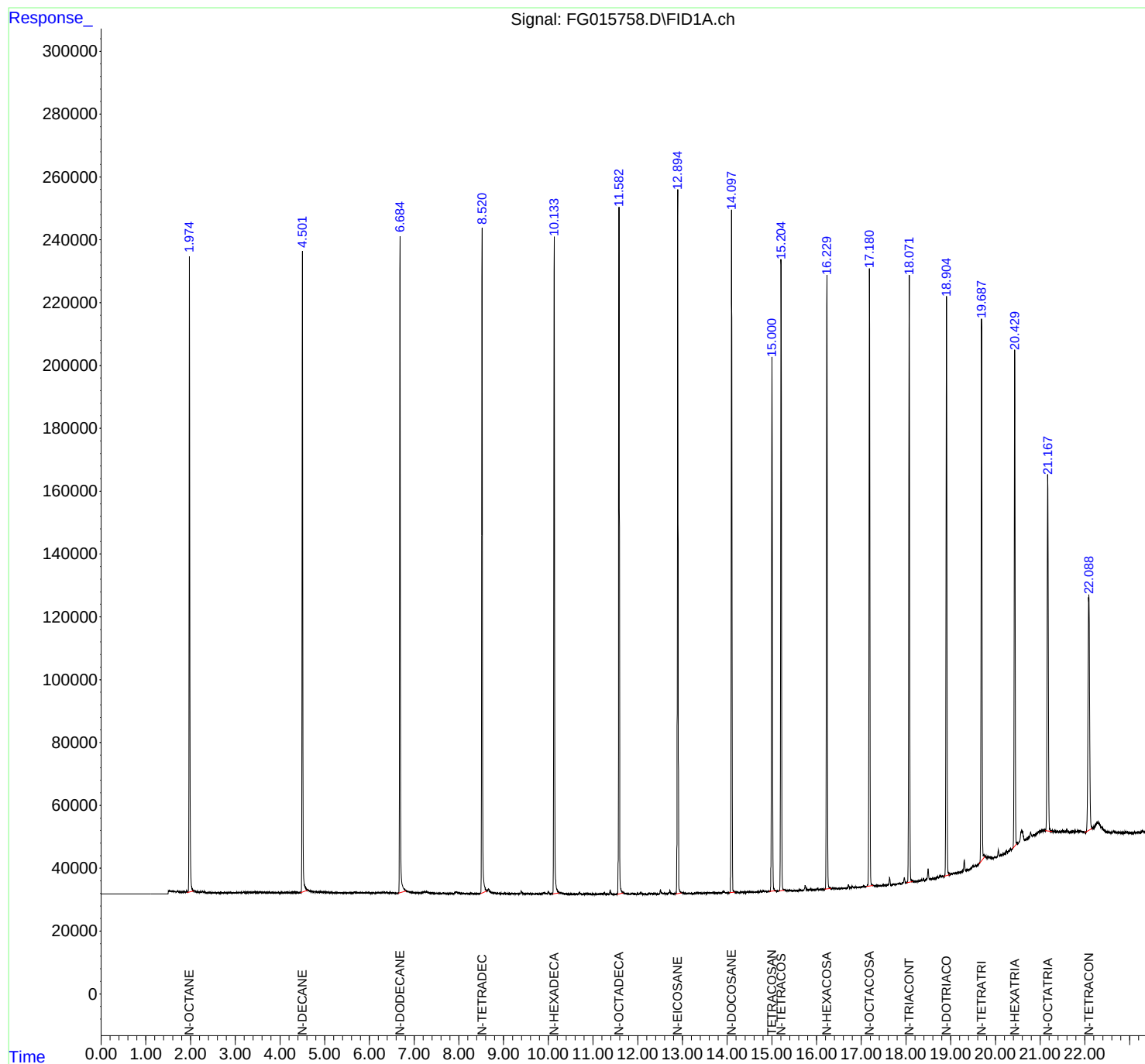
(m)=manual int.

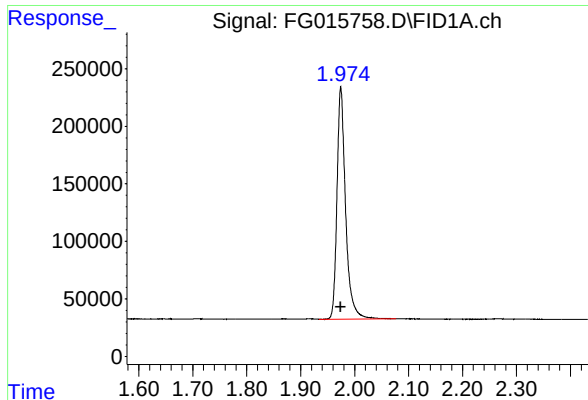
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

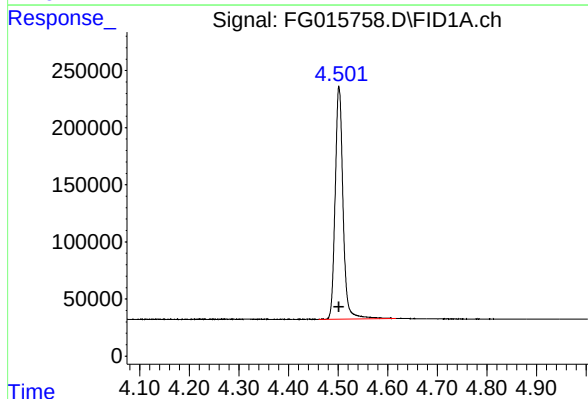




#1 N-OCTANE

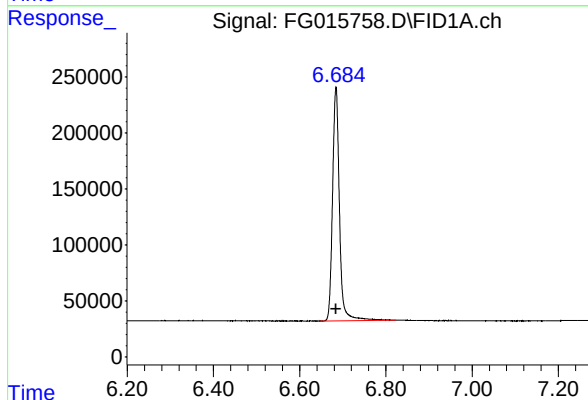
R.T.: 1.974 min
Delta R.T.: 0.000 min
Response: 2237524
Conc: 20.06 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



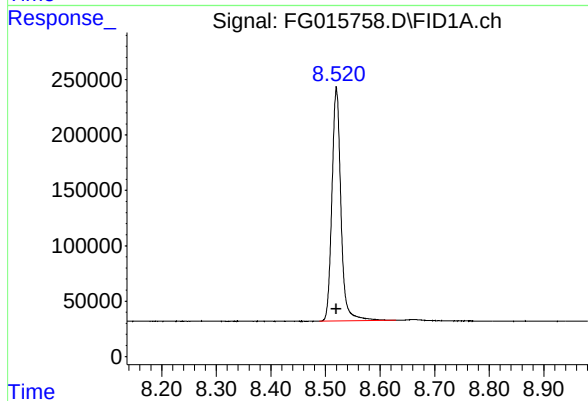
#2 N-DECANE

R.T.: 4.502 min
Delta R.T.: 0.000 min
Response: 2238396
Conc: 19.77 ug/ml



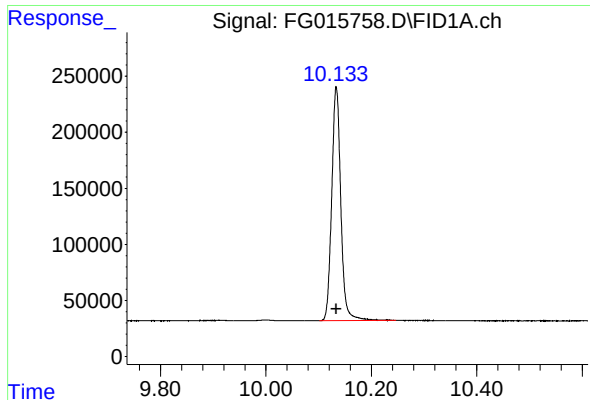
#3 N-DODECANE

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 2319481
Conc: 19.72 ug/ml



#4 N-TETRADECANE

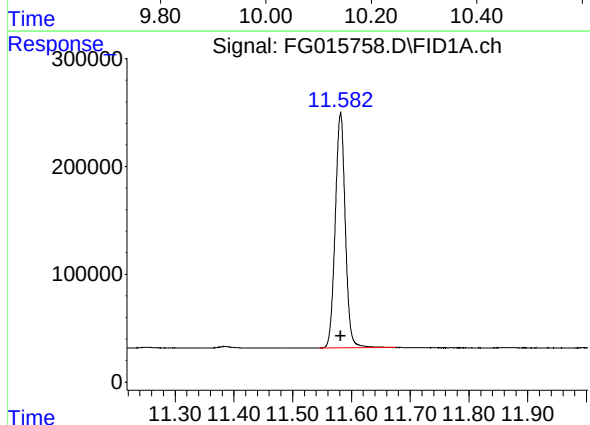
R.T.: 8.520 min
Delta R.T.: 0.000 min
Response: 2417851
Conc: 19.85 ug/ml



#5 N-HEXADECANE

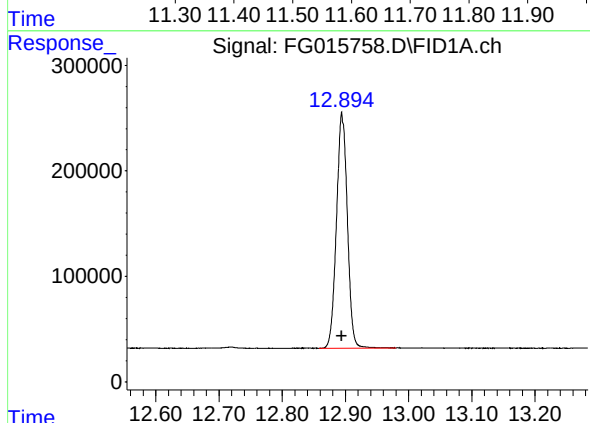
R.T.: 10.134 min
Delta R.T.: 0.000 min
Response: 2497764
Conc: 19.97 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



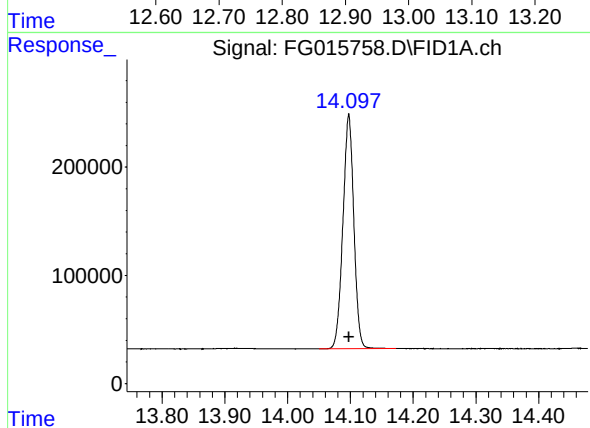
#6 N-OCTADECANE

R.T.: 11.582 min
Delta R.T.: 0.000 min
Response: 2589337
Conc: 20.05 ug/ml



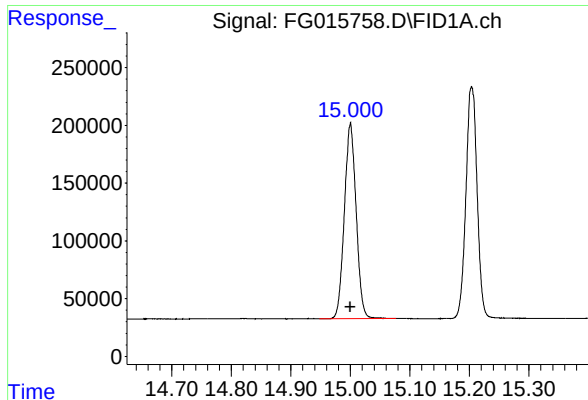
#7 N-EICOSANE

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2668069
Conc: 20.17 ug/ml



#8 N-DOCOSANE

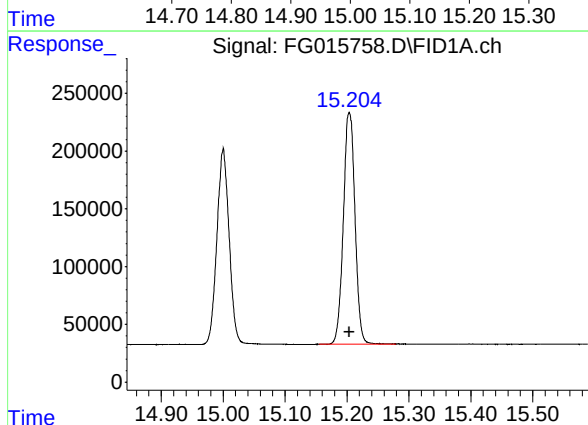
R.T.: 14.098 min
Delta R.T.: 0.000 min
Response: 2616865
Conc: 20.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

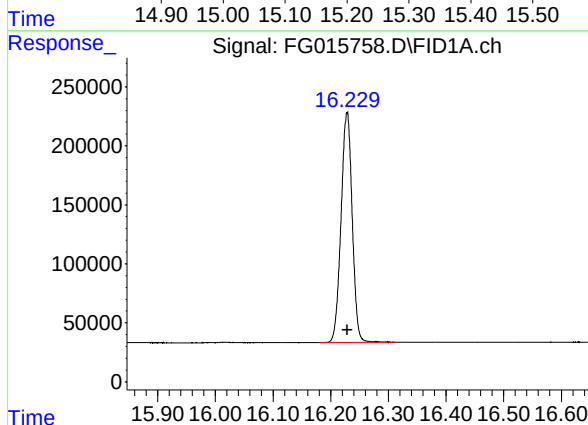
R.T.: 15.000 min
Delta R.T.: 0.000 min
Response: 2321990
Conc: 20.25 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



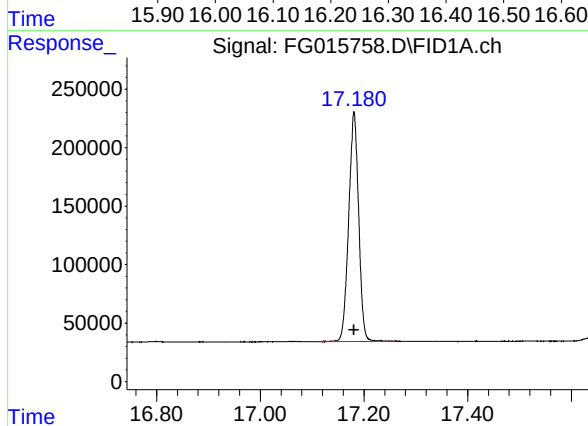
#10 N-TETRACOSANE

R.T.: 15.204 min
Delta R.T.: 0.000 min
Response: 2622580
Conc: 20.22 ug/ml



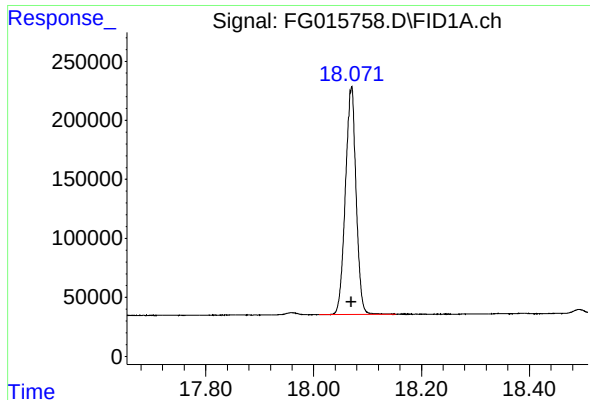
#11 N-HEXACOSANE

R.T.: 16.229 min
Delta R.T.: 0.000 min
Response: 2625744
Conc: 20.25 ug/ml



#12 N-OCTACOSANE

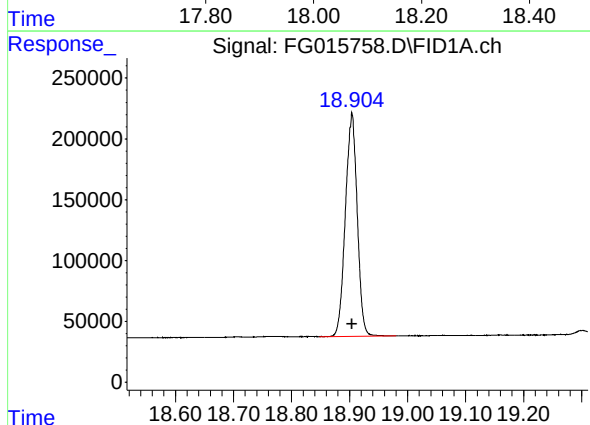
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 2614668
Conc: 20.31 ug/ml



#13 N-TRIACONTANE

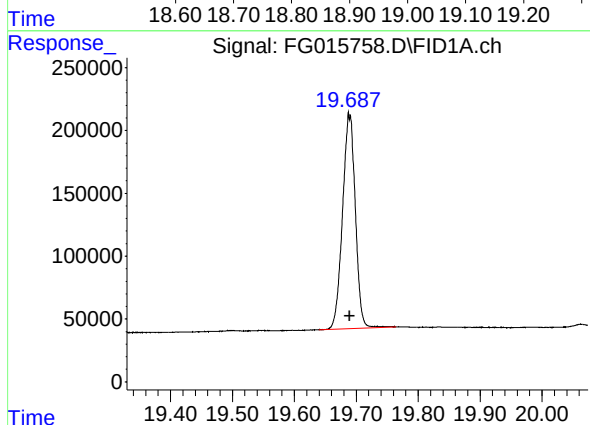
R.T.: 18.070 min
Delta R.T.: 0.000 min
Response: 2657089
Conc: 20.45 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



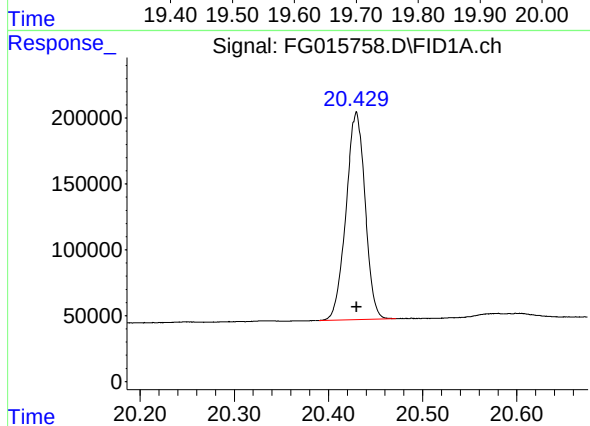
#14 N-DOTRIACONTANE

R.T.: 18.904 min
Delta R.T.: 0.000 min
Response: 2600271
Conc: 20.49 ug/ml



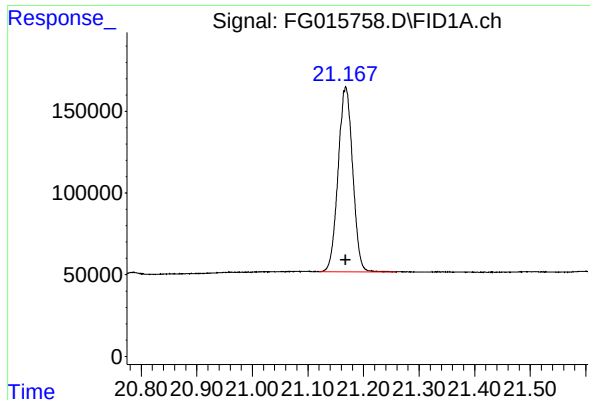
#15 N-TETRATRIACONTANE

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 2454733
Conc: 21.08 ug/ml



#16 N-HEXATRIACONTANE

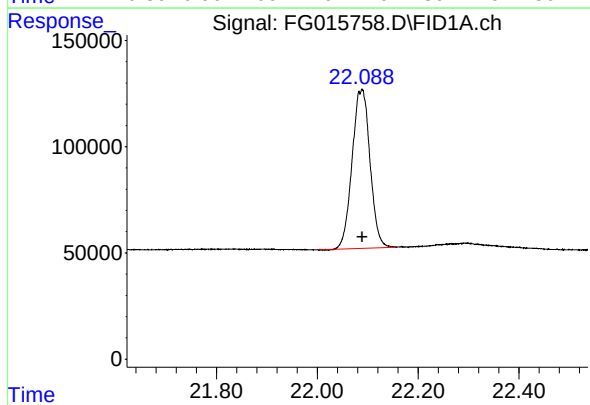
R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 2212619
Conc: 21.69 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.168 min
Delta R.T.: 0.000 min
Response: 2053554
Conc: 22.50 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.089 min
Delta R.T.: 0.000 min
Response: 1847089
Conc: 22.33 ug/ml