

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051325\
 Data File : FG015841.D
 Signal(s) : FID1A.ch
 Acq On : 14 May 2025 01:10
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 03:58:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	14.998	5775038	49.050 ug/ml
Target Compounds			
1) N-OCTANE	1.970	5254049	46.621 ug/ml
2) N-DECANE	4.497	5930891	53.271 ug/ml
3) N-DODECANE	6.680	6246377	54.505 ug/ml
4) N-TETRADECANE	8.516	6473684	53.425 ug/ml
5) N-HEXADECANE	10.130	6600869	52.579 ug/ml
6) N-OCTADECANE	11.579	6742988	51.453 ug/ml
7) N-EICOSANE	12.893	6802526	50.175 ug/ml
8) N-DOCOSANE	14.095	6596774	49.739 ug/ml
10) N-TETRACOSANE	15.202	6588813	49.582 ug/ml
11) N-HEXACOSANE	16.226	6510996	49.095 ug/ml
12) N-OCTACOSANE	17.178	6530175	49.533 ug/ml
13) N-TRIACONTANE	18.067	6821793	51.169 ug/ml
14) N-DOTRIACONTANE	18.902	6976535	52.922 ug/ml
15) N-TETRATRIACONTANE	19.688	7227020	59.759 ug/ml
16) N-HEXATRIACONTANE	20.430	7335965	68.422 ug/ml
17) N-OCTATRIACONTANE	21.171	7463223	77.477 ug/ml
18) N-TETRACONTANE	22.086	7419151	83.319 ug/ml

(f)=RT Delta > 1/2 Window

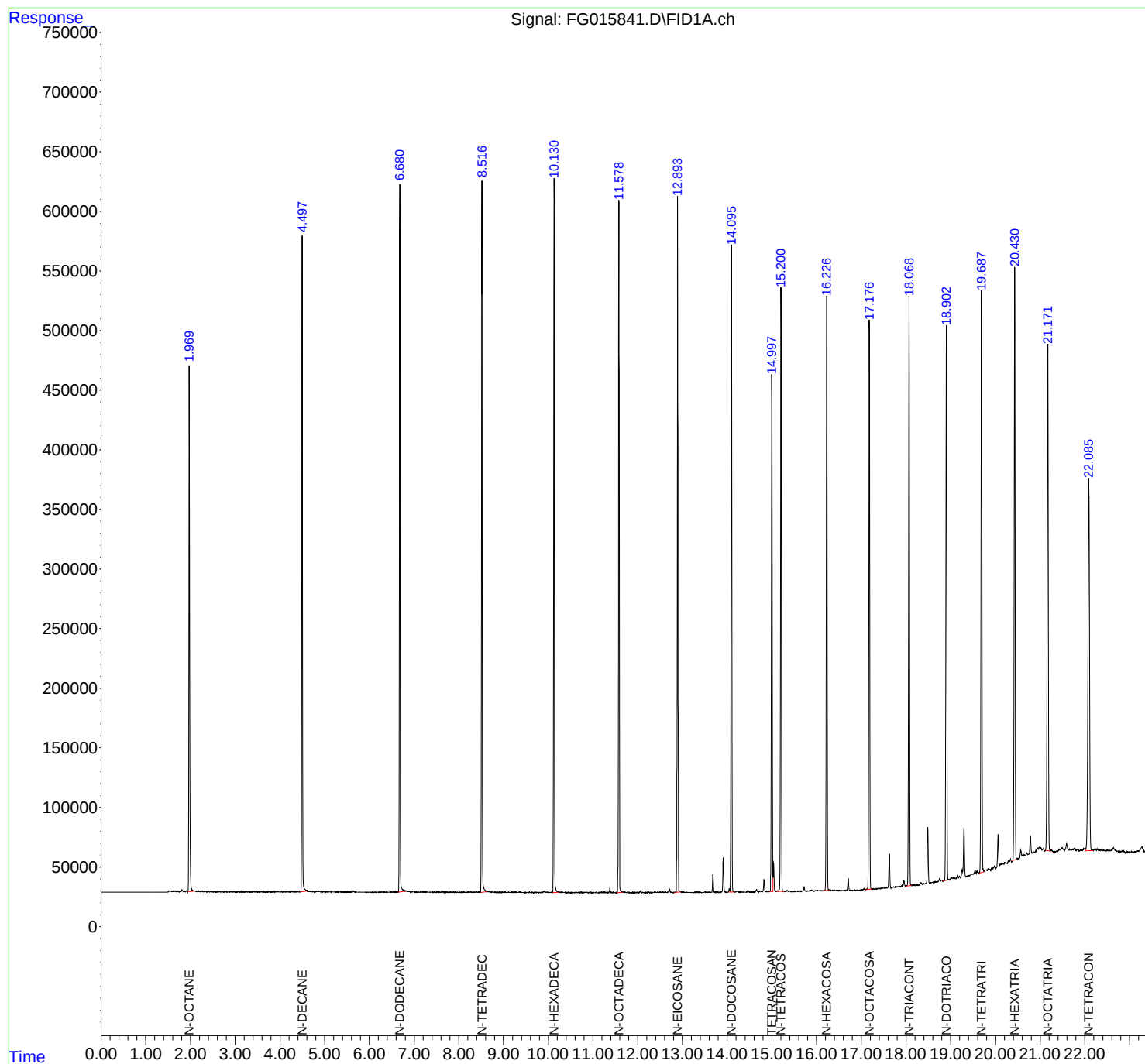
(m)=manual int.

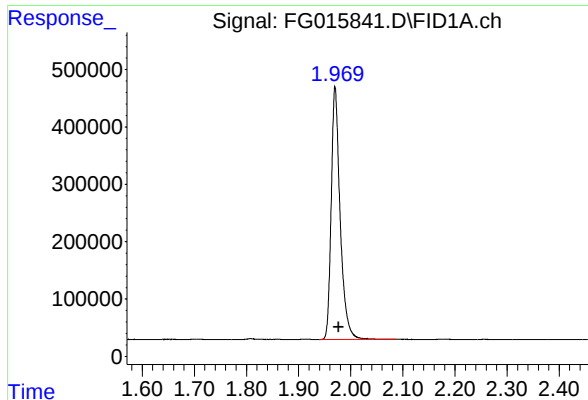
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Signal Info : 20mx0.18mmx0.18um

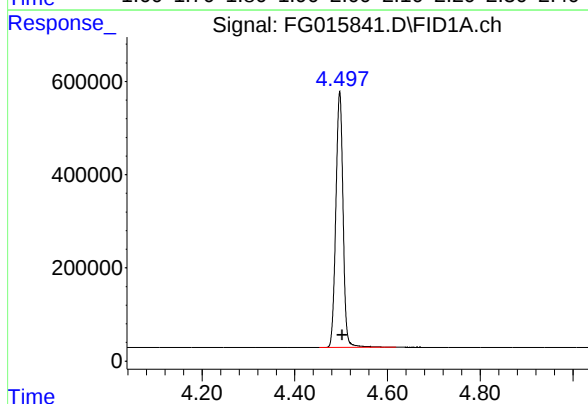




#1 N-OCTANE

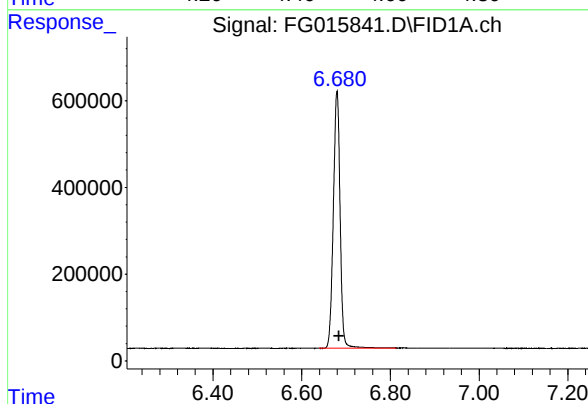
R.T.: 1.970 min
Delta R.T.: -0.007 min
Response: 5254049
Conc: 46.62 ug/ml

Instrument :
FID_G
ClientSampleId :



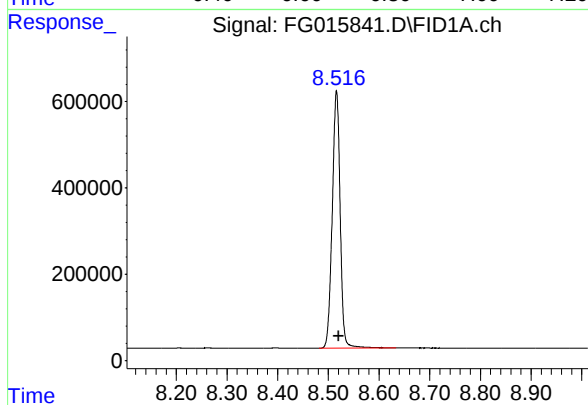
#2 N-DECANE

R.T.: 4.497 min
Delta R.T.: -0.005 min
Response: 5930891
Conc: 53.27 ug/ml



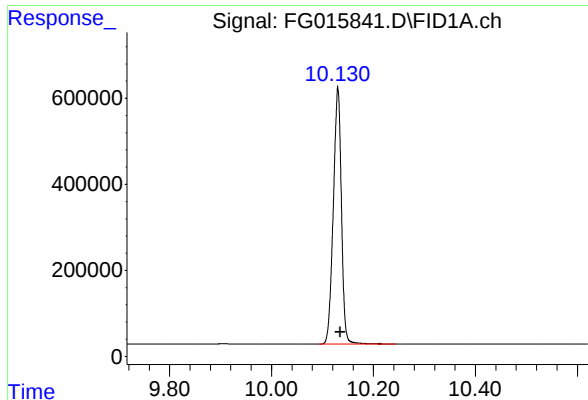
#3 N-DODECANE

R.T.: 6.680 min
Delta R.T.: -0.005 min
Response: 6246377
Conc: 54.51 ug/ml



#4 N-TETRADECANE

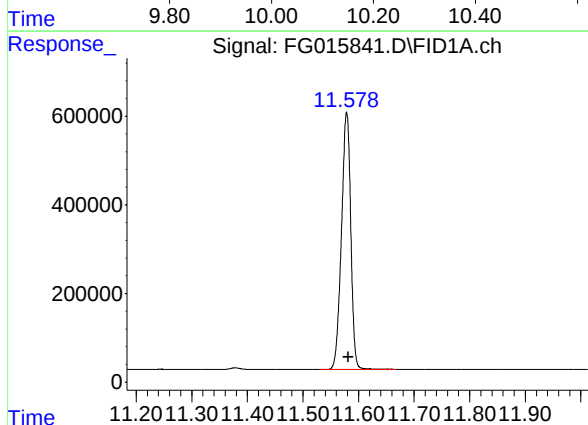
R.T.: 8.516 min
Delta R.T.: -0.004 min
Response: 6473684
Conc: 53.43 ug/ml



#5 N-HEXADECANE

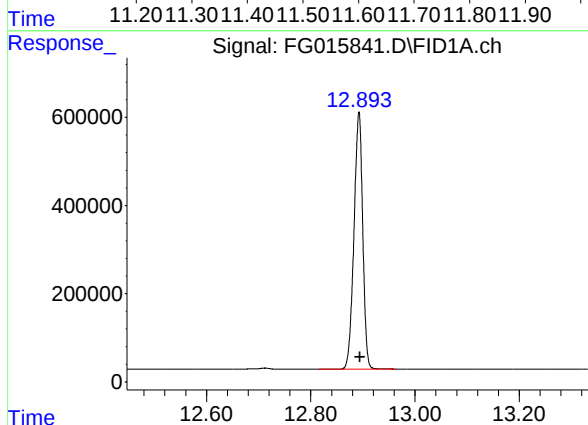
R.T.: 10.130 min
Delta R.T.: -0.004 min
Response: 6600869
Conc: 52.58 ug/ml

Instrument :
FID_G
ClientSampleId :



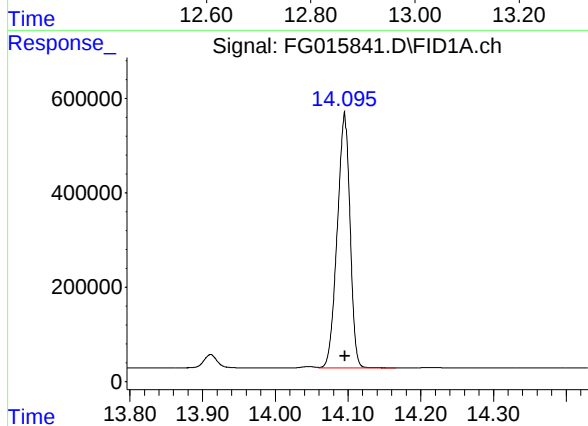
#6 N-OCTADECANE

R.T.: 11.579 min
Delta R.T.: -0.003 min
Response: 6742988
Conc: 51.45 ug/ml



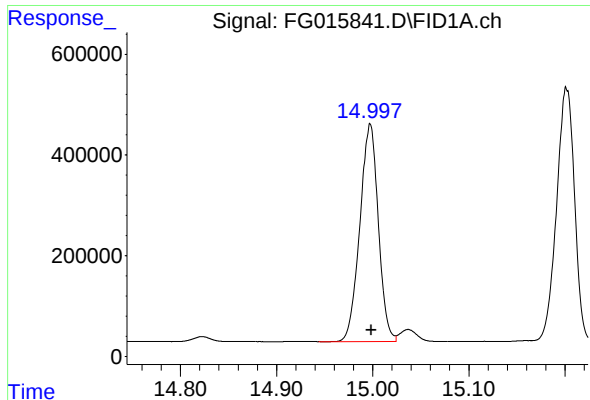
#7 N-EICOSANE

R.T.: 12.893 min
Delta R.T.: -0.002 min
Response: 6802526
Conc: 50.17 ug/ml



#8 N-DOCOSANE

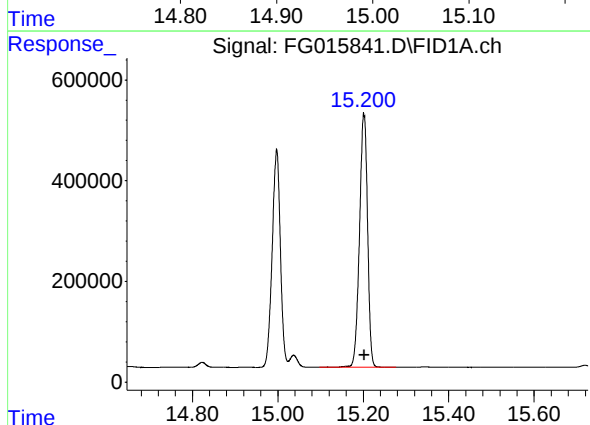
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 6596774
Conc: 49.74 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

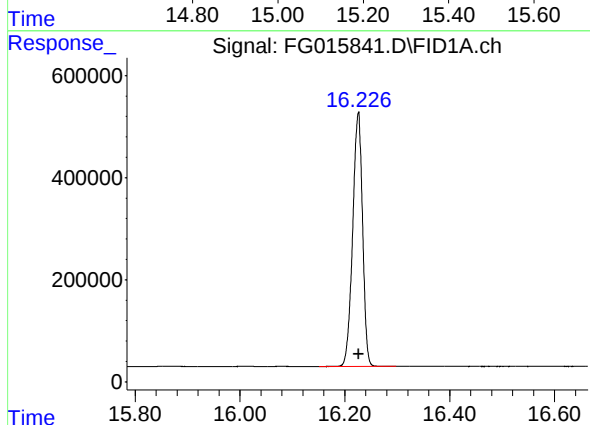
R.T.: 14.998 min
Delta R.T.: 0.000 min
Response: 5775038
Conc: 49.05 ug/ml

Instrument :
FID_G
ClientSampleId :



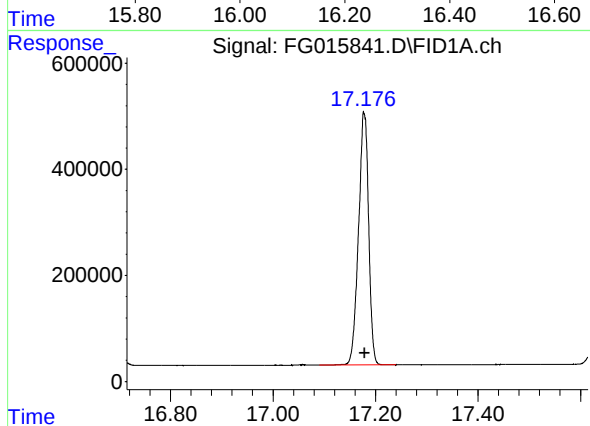
#10 N-TETRACOSANE

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 6588813
Conc: 49.58 ug/ml



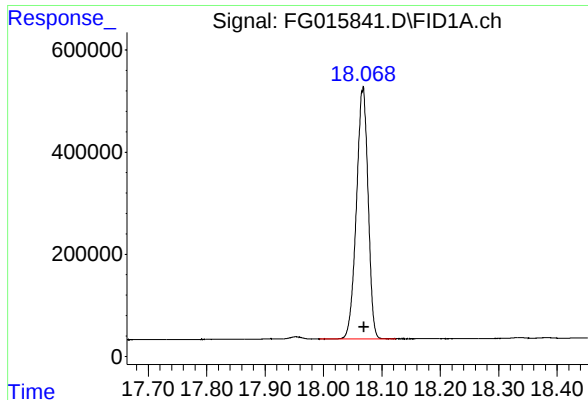
#11 N-HEXACOSANE

R.T.: 16.226 min
Delta R.T.: -0.001 min
Response: 6510996
Conc: 49.10 ug/ml



#12 N-OCTACOSANE

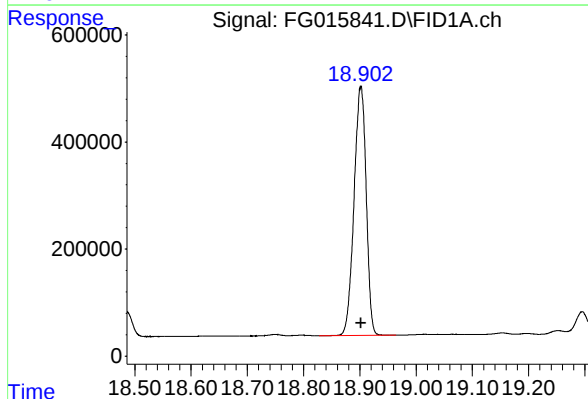
R.T.: 17.178 min
Delta R.T.: 0.000 min
Response: 6530175
Conc: 49.53 ug/ml



#13 N-TRIACONTANE

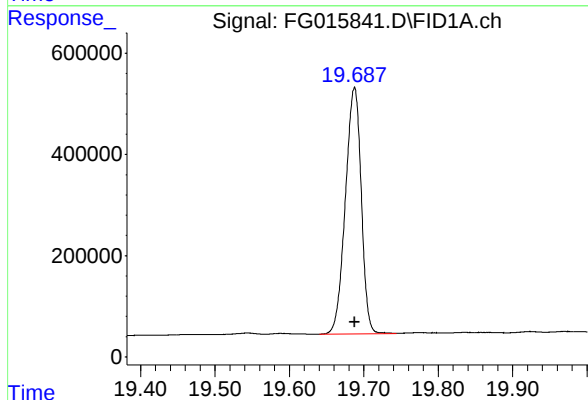
R.T.: 18.067 min
Delta R.T.: -0.002 min
Response: 6821793
Conc: 51.17 ug/ml

Instrument :
FID_G
ClientSampleId :



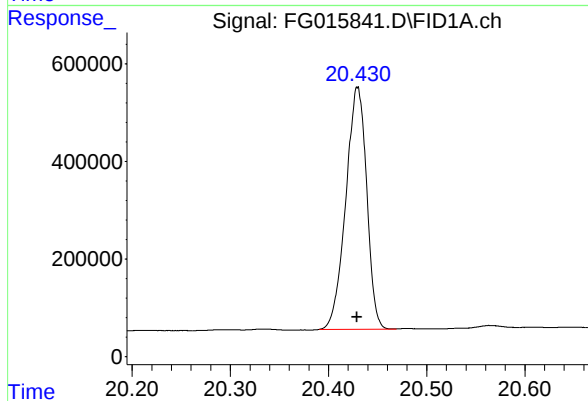
#14 N-DOTRIACONTANE

R.T.: 18.902 min
Delta R.T.: 0.000 min
Response: 6976535
Conc: 52.92 ug/ml



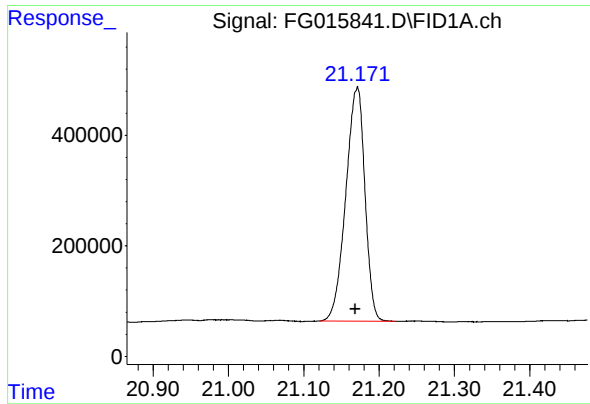
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: 0.000 min
Response: 7227020
Conc: 59.76 ug/ml



#16 N-HEXATRIACONTANE

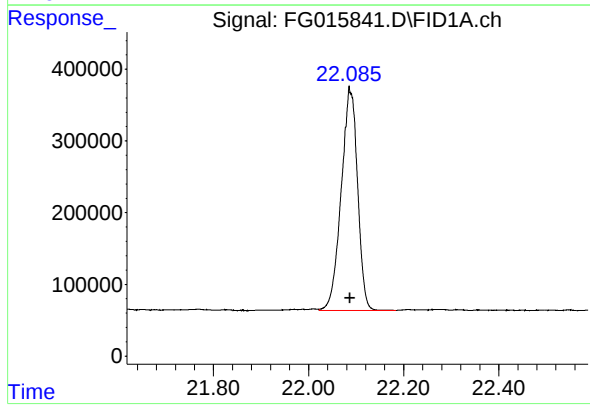
R.T.: 20.430 min
Delta R.T.: 0.000 min
Response: 7335965
Conc: 68.42 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.171 min
Delta R.T.: 0.003 min
Response: 7463223
Conc: 77.48 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.086 min
Delta R.T.: -0.002 min
Response: 7419151
Conc: 83.32 ug/ml