

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040825\
 Data File : FG015654.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 13:20
 Operator : YP\AJ
 Sample : PB167510BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB167510BS

Integration File: autoint1.e
 Quant Time: Apr 09 00:28:47 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...	15.016	1982793	17.307 ug/ml
Target Compounds			
1) N-OCTANE	1.985	1456042	12.527 ug/ml
2) N-DECANE	4.514	1869252	15.823 ug/ml
3) N-DODECANE	6.696	2011798	16.568 ug/ml
4) N-TETRADECANE	8.533	2031077	16.107 ug/ml
5) N-HEXADECANE	10.148	2142178	16.637 ug/ml
6) N-OCTADECANE	11.596	2272281	17.248 ug/ml
7) N-EICOSANE	12.912	2251158	16.812 ug/ml
8) N-DOCOSANE	14.114	2241118	17.246 ug/ml
10) N-TETRACOSANE	15.221	2263252	17.473 ug/ml
11) N-HEXACOSANE	16.246	2187317	17.186 ug/ml
12) N-OCTACOSANE	17.199	2146273	17.170 ug/ml
13) N-TRIACONTANE	18.089	2066980	16.513 ug/ml
14) N-DOTRIACONTANE	18.924	1673205	14.099 ug/ml
15) N-TETRATRIACONTANE	19.707	1046920	10.030 ug/ml
16) N-HEXATRIACONTANE	20.450	683798	7.802 ug/ml
17) N-OCTATRIACONTANE	21.194	543786	7.286 ug/ml
18) N-TETRACONTANE	22.120	506549	7.647 ug/ml

(f)=RT Delta > 1/2 Window

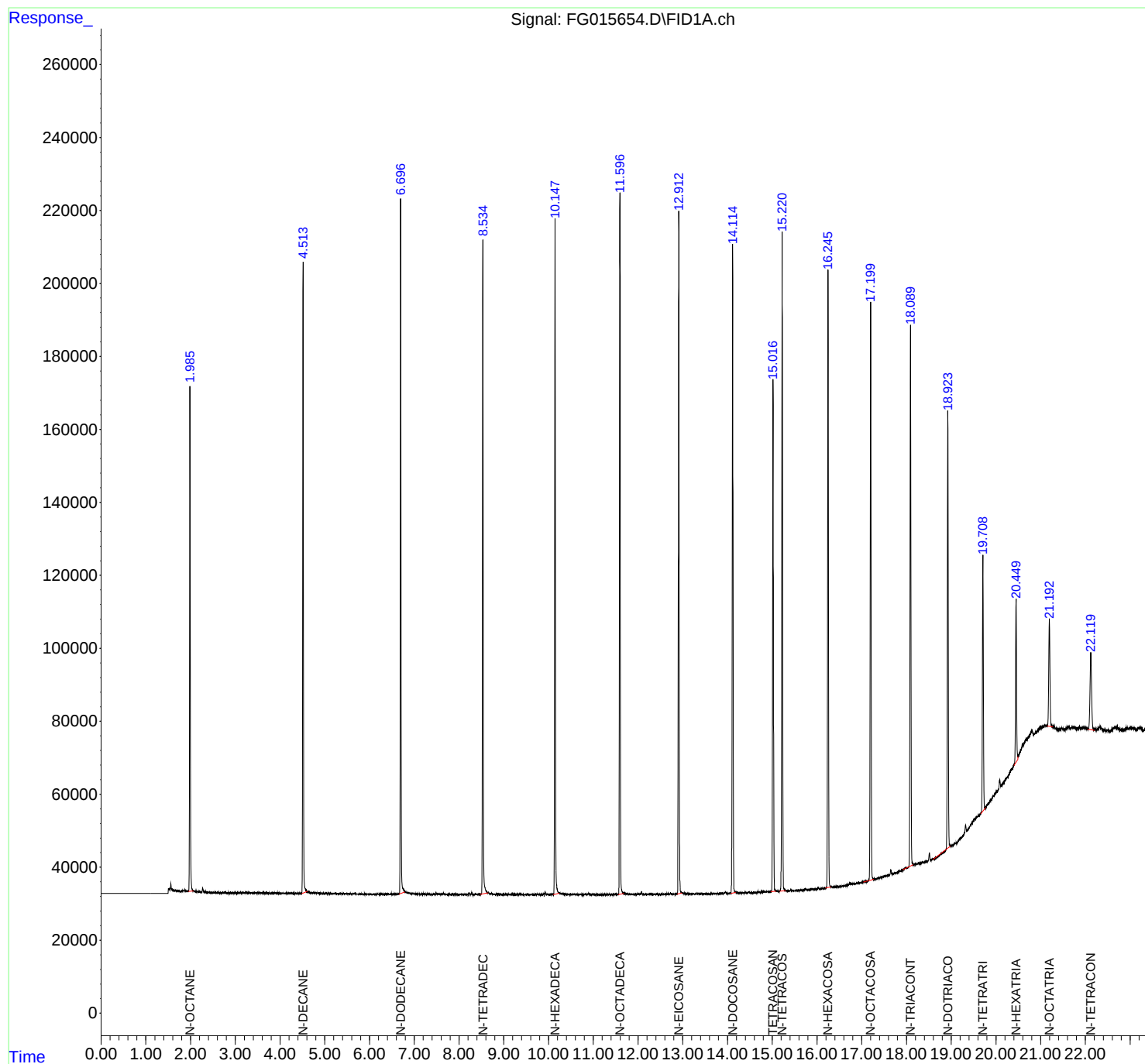
(m)=manual int.

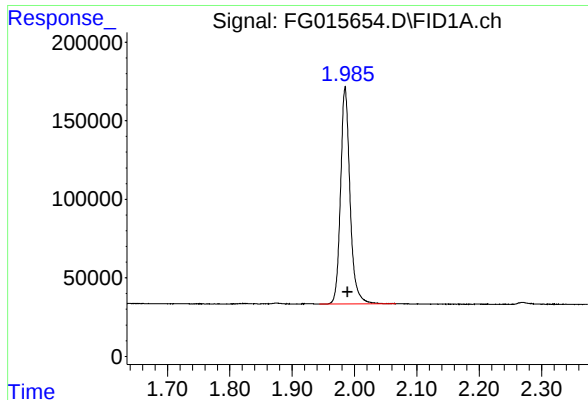
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

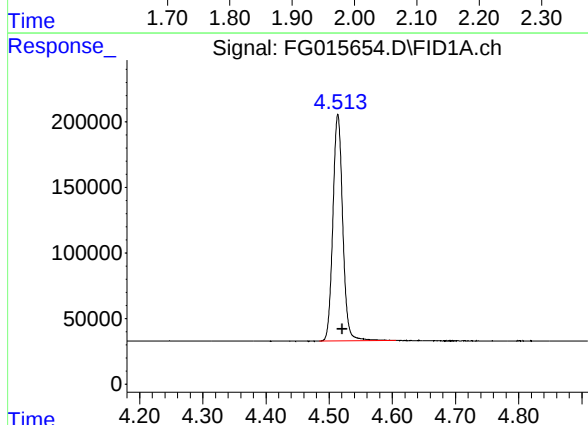




#1 N-OCTANE

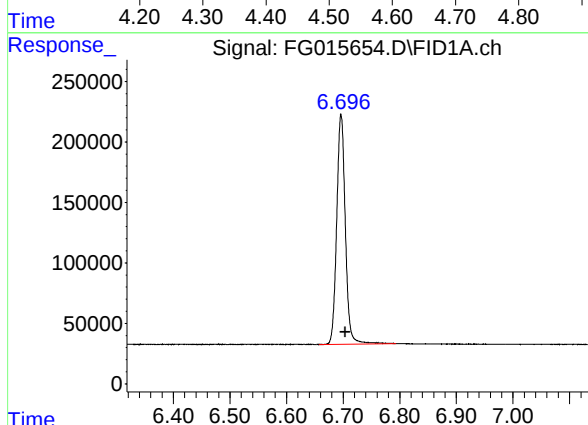
R.T.: 1.985 min
Delta R.T.: -0.004 min
Response: 1456042
Conc: 12.53 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BS



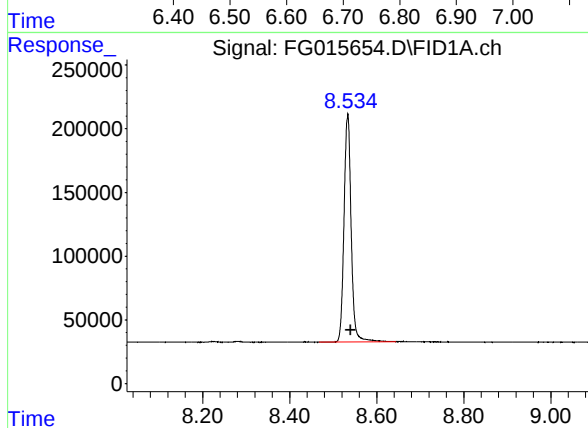
#2 N-DECANE

R.T.: 4.514 min
Delta R.T.: -0.007 min
Response: 1869252
Conc: 15.82 ug/ml



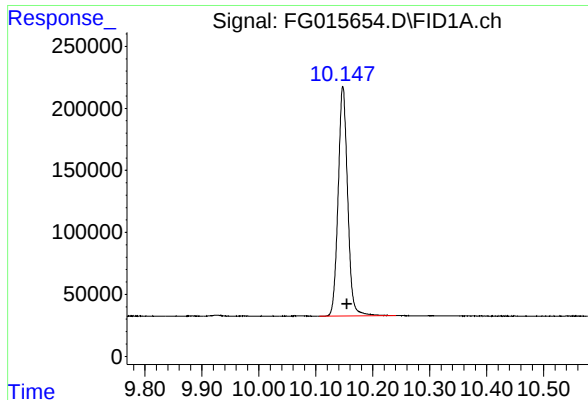
#3 N-DODECANE

R.T.: 6.696 min
Delta R.T.: -0.008 min
Response: 2011798
Conc: 16.57 ug/ml



#4 N-TETRADECANE

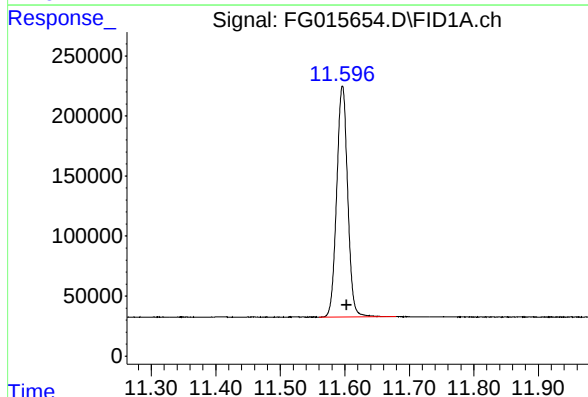
R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 2031077
Conc: 16.11 ug/ml



#5 N-HEXADECANE

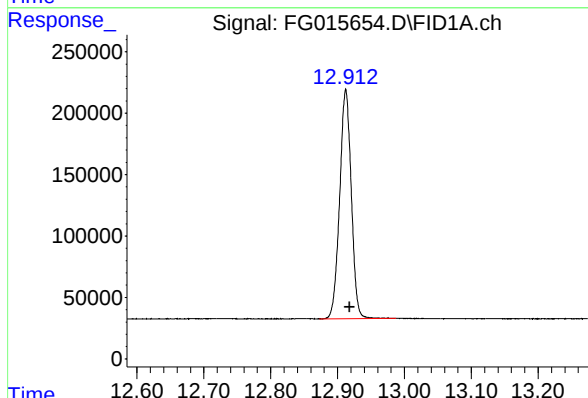
R.T.: 10.148 min
Delta R.T.: -0.007 min
Response: 2142178
Conc: 16.64 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BS



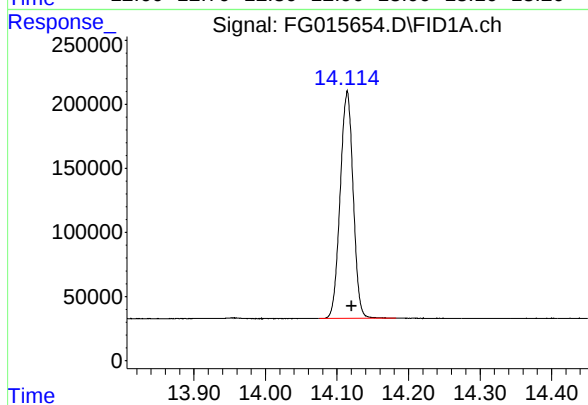
#6 N-OCTADECANE

R.T.: 11.596 min
Delta R.T.: -0.006 min
Response: 2272281
Conc: 17.25 ug/ml



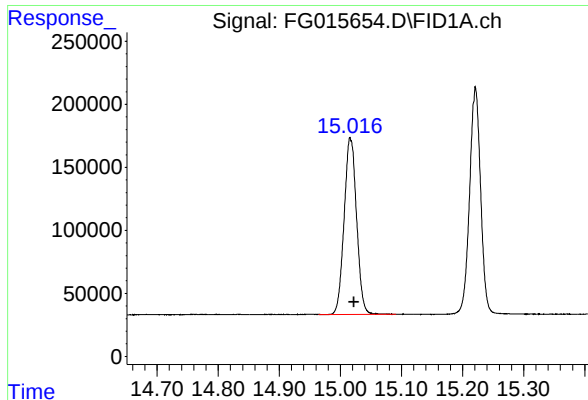
#7 N-EICOSANE

R.T.: 12.912 min
Delta R.T.: -0.005 min
Response: 2251158
Conc: 16.81 ug/ml



#8 N-DOCOSANE

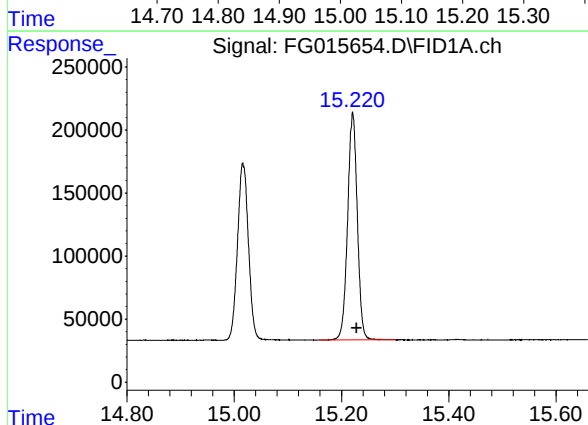
R.T.: 14.114 min
Delta R.T.: -0.006 min
Response: 2241118
Conc: 17.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

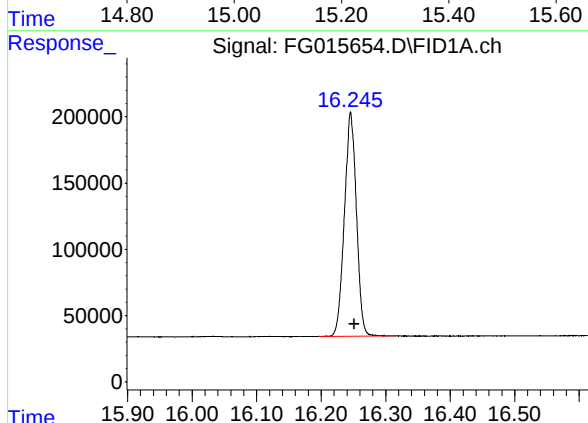
R.T.: 15.016 min
Delta R.T.: -0.006 min
Response: 1982793
Conc: 17.31 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BS



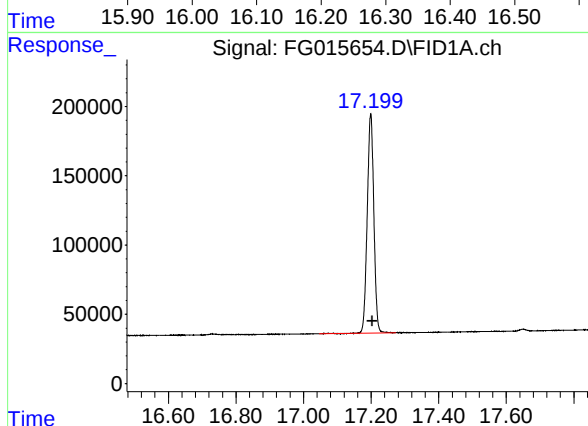
#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.007 min
Response: 2263252
Conc: 17.47 ug/ml



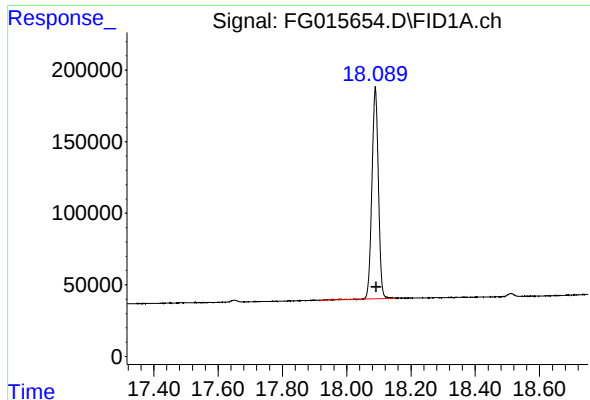
#11 N-HEXACOSANE

R.T.: 16.246 min
Delta R.T.: -0.006 min
Response: 2187317
Conc: 17.19 ug/ml



#12 N-OCTACOSANE

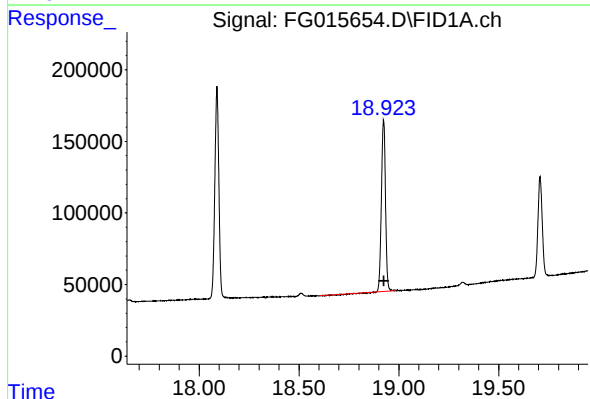
R.T.: 17.199 min
Delta R.T.: -0.005 min
Response: 2146273
Conc: 17.17 ug/ml



#13 N-TRIACONTANE

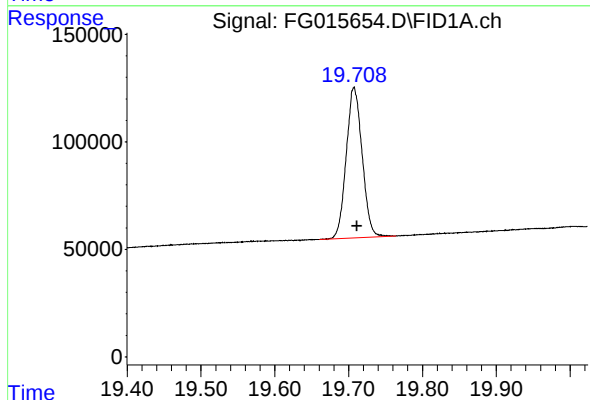
R.T.: 18.089 min
Delta R.T.: -0.003 min
Response: 2066980
Conc: 16.51 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BS



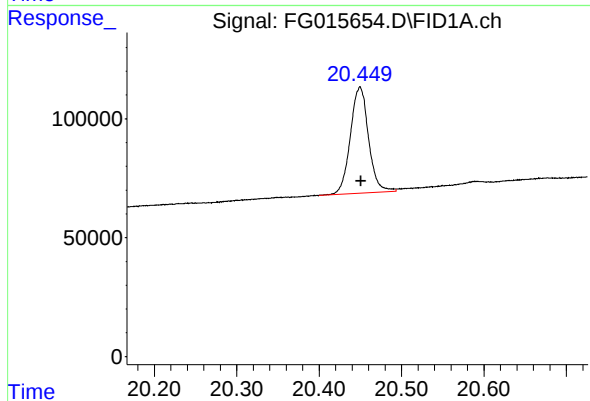
#14 N-DOTRIACONTANE

R.T.: 18.924 min
Delta R.T.: -0.003 min
Response: 1673205
Conc: 14.10 ug/ml



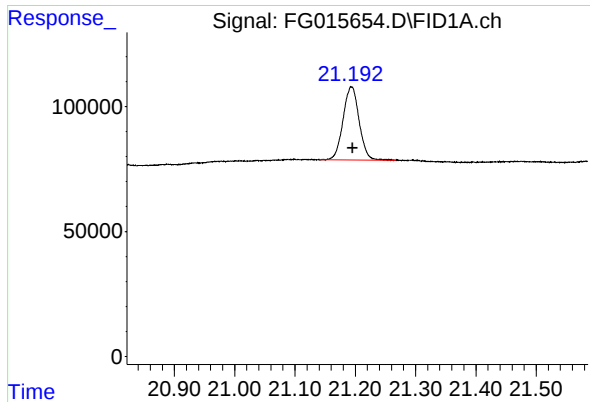
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.004 min
Response: 1046920
Conc: 10.03 ug/ml



#16 N-HEXATRIACONTANE

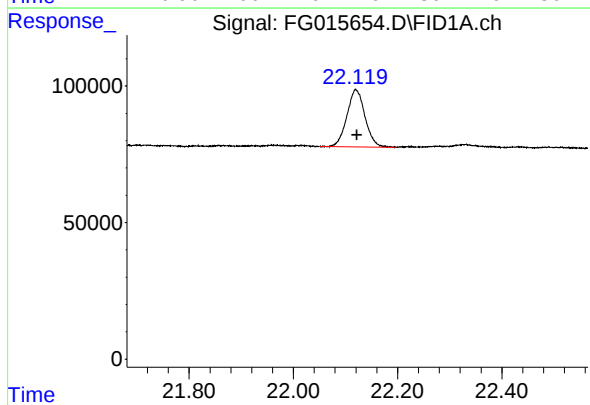
R.T.: 20.450 min
Delta R.T.: -0.001 min
Response: 683798
Conc: 7.80 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.194 min
Delta R.T.: -0.002 min
Response: 543786
Conc: 7.29 ug/ml

Instrument :
FID_G
ClientSampleId :
PB167510BS



#18 N-TETRACONTANE

R.T.: 22.120 min
Delta R.T.: -0.003 min
Response: 506549
Conc: 7.65 ug/ml