

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
 Data File : FG015898.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 14:27
 Operator : YP\AJ
 Sample : PB168150BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168150BS

Integration File: autoint1.e
 Quant Time: May 23 23:06:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.982	2457737	20.053 ug/ml
Target Compounds			
1) N-OCTANE	1.964	1939171	16.492 ug/ml
2) N-DECANE	4.486	2230824	18.986 ug/ml
3) N-DODECANE	6.668	2397771	19.756 ug/ml
4) N-TETRADECANE	8.504	2439503	19.105 ug/ml
5) N-HEXADECANE	10.117	2598592	19.505 ug/ml
6) N-OCTADECANE	11.564	2741788	19.867 ug/ml
7) N-EICOSANE	12.878	2722673	19.272 ug/ml
8) N-DOCOSANE	14.081	2715016	19.765 ug/ml
10) N-TETRACOSANE	15.186	2719445	19.782 ug/ml
11) N-HEXACOSANE	16.209	2673999	19.681 ug/ml
12) N-OCTACOSANE	17.162	2647871	19.639 ug/ml
13) N-TRIACONTANE	18.051	2582790	18.929 ug/ml
14) N-DOTRIACONTANE	18.884	2178832	16.268 ug/ml
15) N-TETRATRIACONTANE	19.668	1336490	11.021 ug/ml
16) N-HEXATRIACONTANE	20.410	867004	8.119 ug/ml
17) N-OCTATRIACONTANE	21.146	685888	7.147 ug/ml
18) N-TETRACONTANE	22.064	609152	6.926 ug/ml

(f)=RT Delta > 1/2 Window

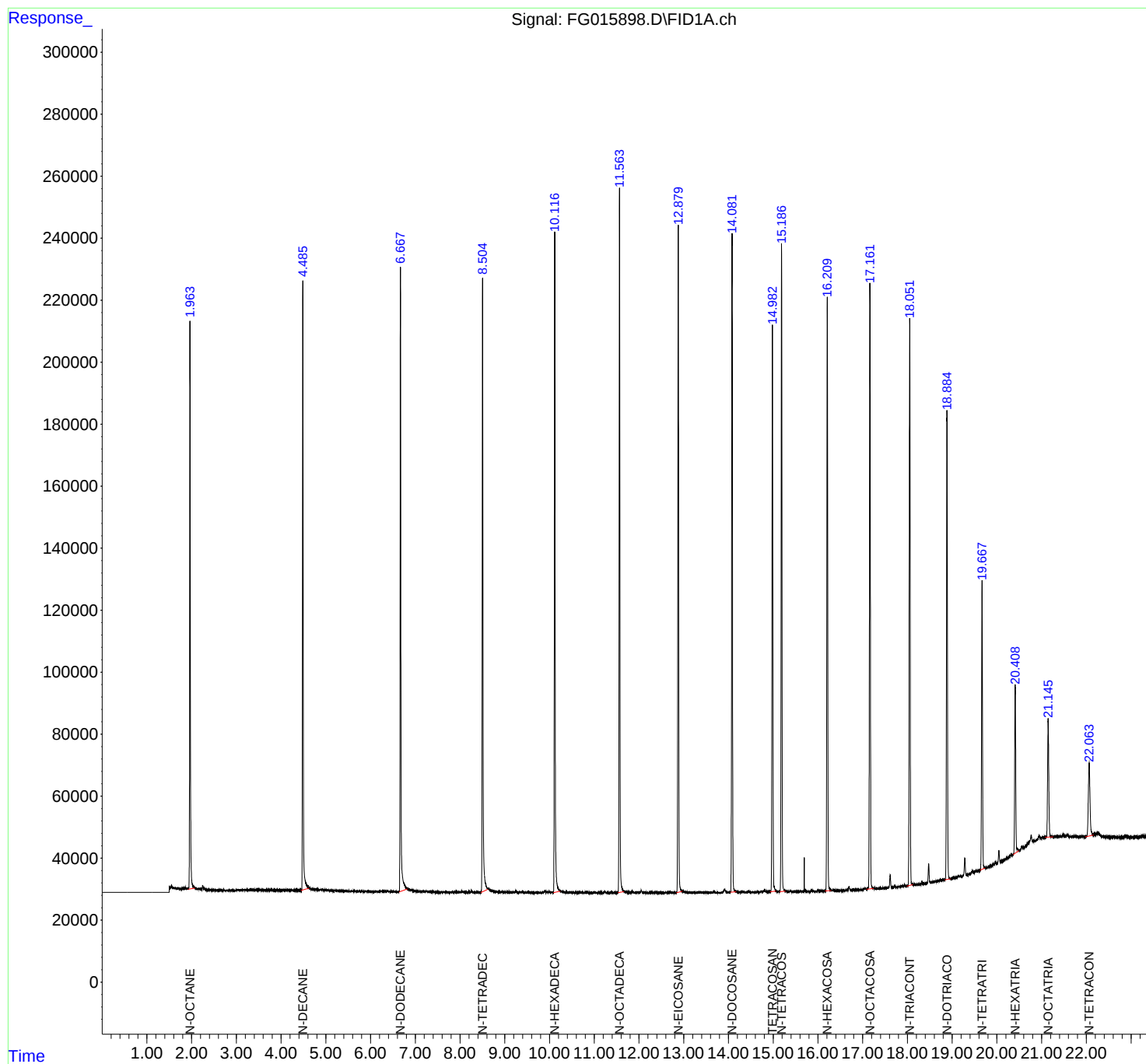
(m)=manual int.

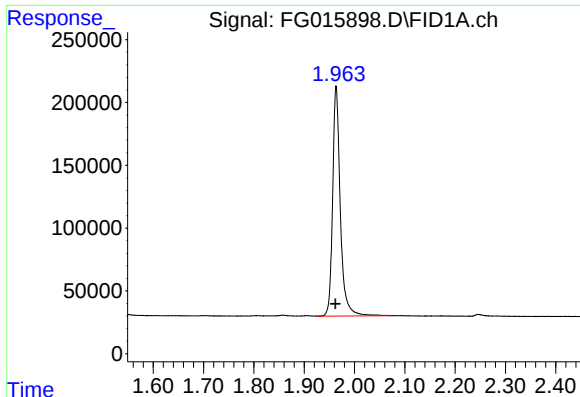
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

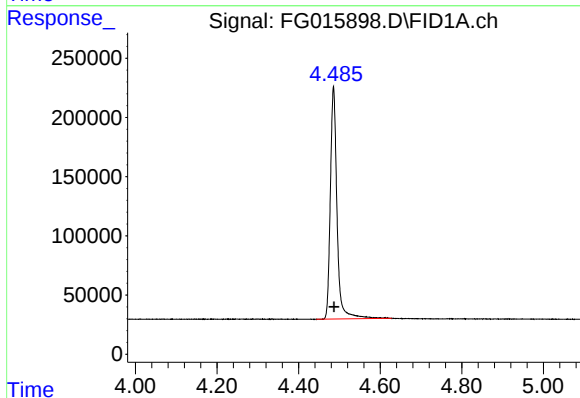




#1 N-OCTANE

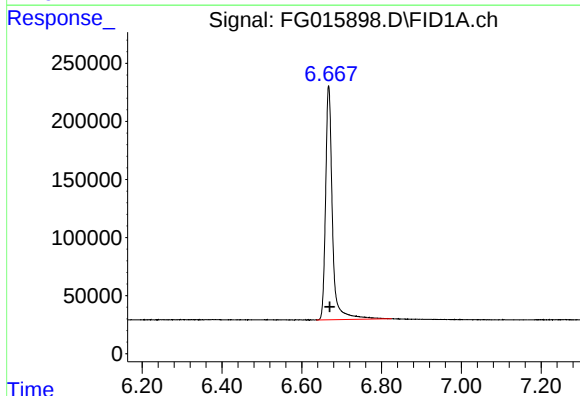
R.T.: 1.964 min
Delta R.T.: 0.002 min
Response: 1939171
Conc: 16.49 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168150BS



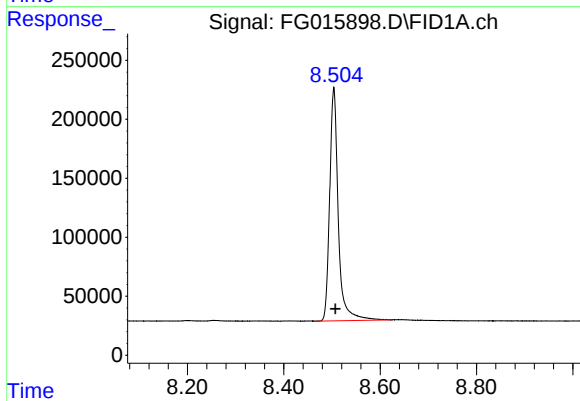
#2 N-DECANE

R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 2230824
Conc: 18.99 ug/ml



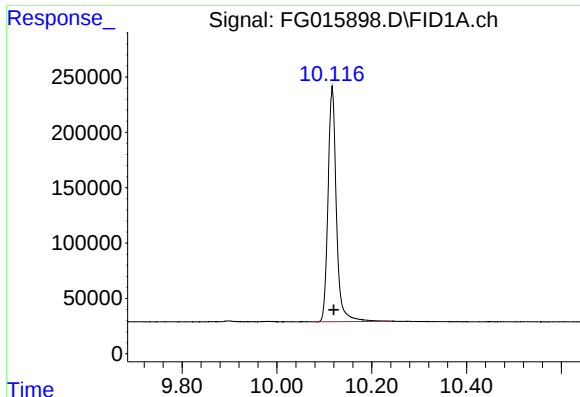
#3 N-DODECANE

R.T.: 6.668 min
Delta R.T.: -0.003 min
Response: 2397771
Conc: 19.76 ug/ml



#4 N-TETRADECANE

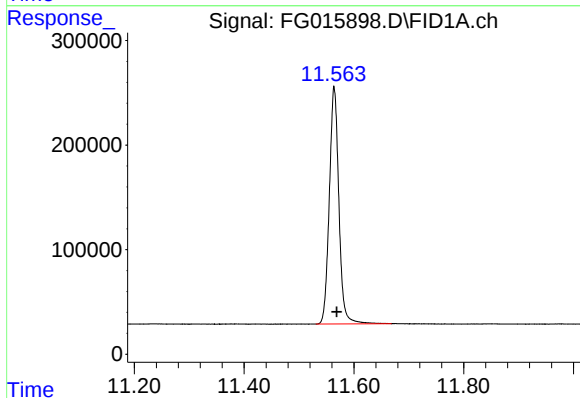
R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 2439503
Conc: 19.10 ug/ml



#5 N-HEXADECANE

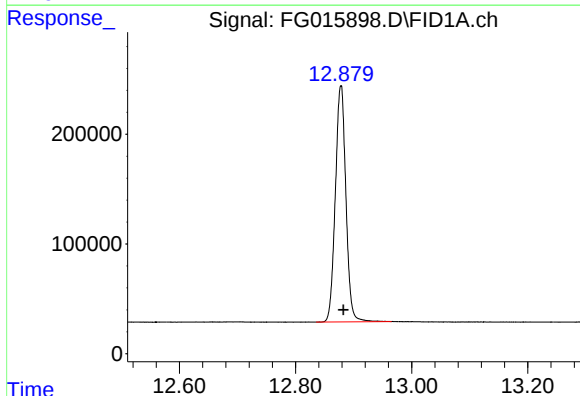
R.T.: 10.117 min
Delta R.T.: -0.004 min
Response: 2598592
Conc: 19.50 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168150BS



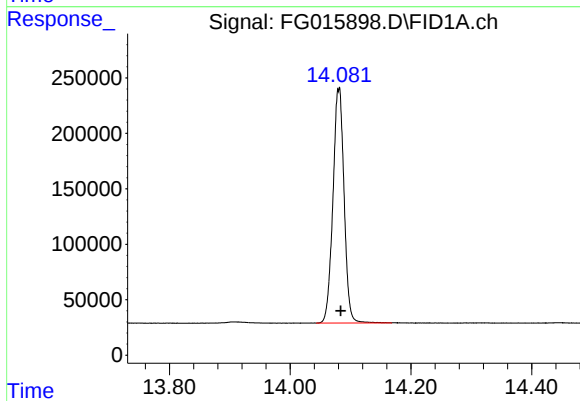
#6 N-OCTADECANE

R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2741788
Conc: 19.87 ug/ml



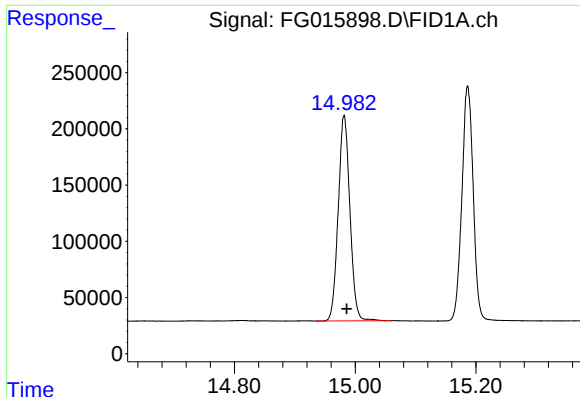
#7 N-EICOSANE

R.T.: 12.878 min
Delta R.T.: -0.004 min
Response: 2722673
Conc: 19.27 ug/ml



#8 N-DOCOSANE

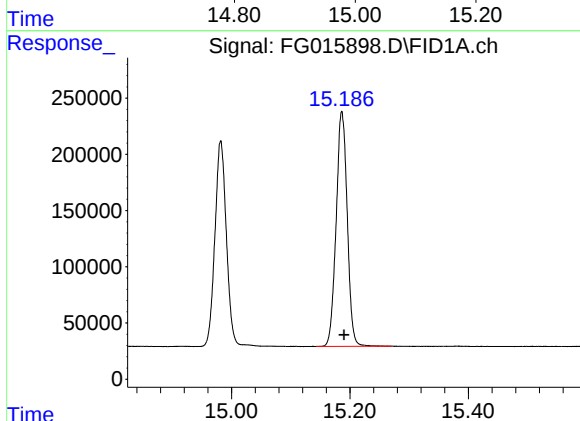
R.T.: 14.081 min
Delta R.T.: -0.003 min
Response: 2715016
Conc: 19.76 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

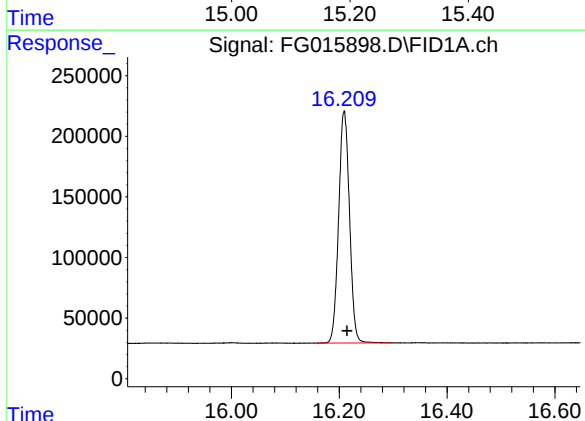
R.T.: 14.982 min
Delta R.T.: -0.005 min
Response: 2457737
Conc: 20.05 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168150BS



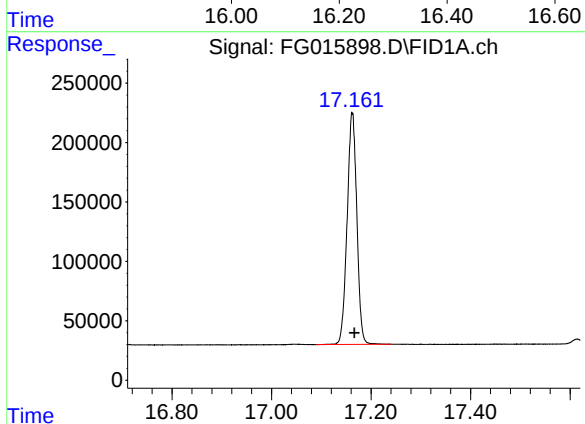
#10 N-TETRACOSANE

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 2719445
Conc: 19.78 ug/ml



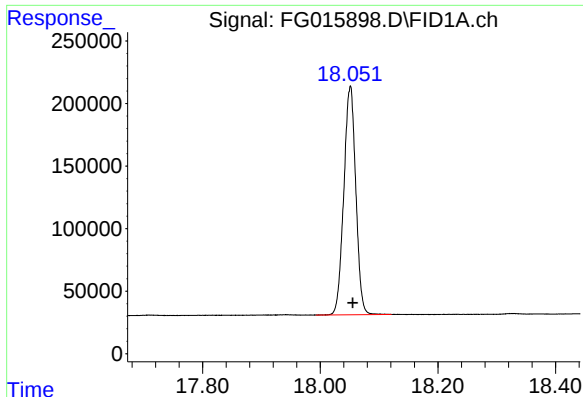
#11 N-HEXACOSANE

R.T.: 16.209 min
Delta R.T.: -0.006 min
Response: 2673999
Conc: 19.68 ug/ml



#12 N-OCTACOSANE

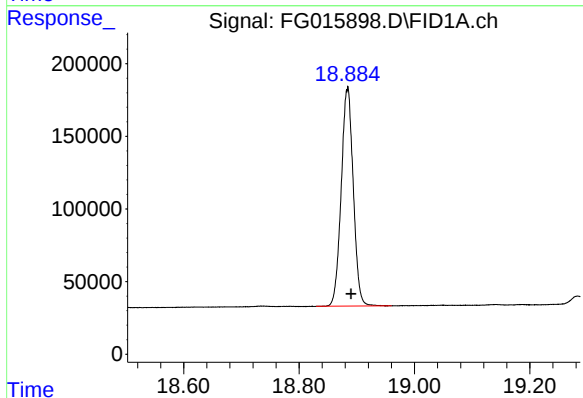
R.T.: 17.162 min
Delta R.T.: -0.004 min
Response: 2647871
Conc: 19.64 ug/ml



#13 N-TRIACONTANE

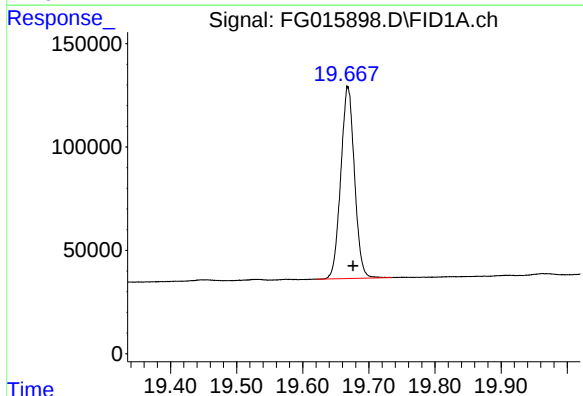
R.T.: 18.051 min
Delta R.T.: -0.004 min
Response: 2582790
Conc: 18.93 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168150BS



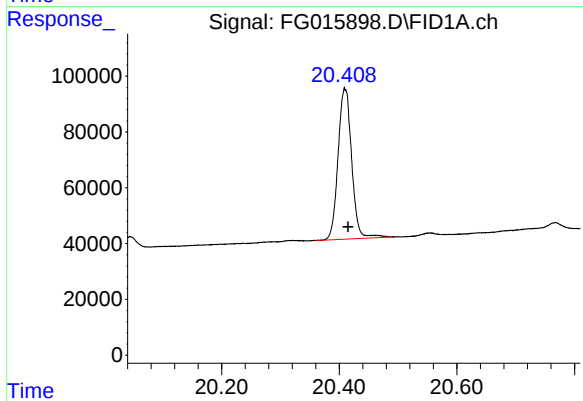
#14 N-DOTRIACONTANE

R.T.: 18.884 min
Delta R.T.: -0.006 min
Response: 2178832
Conc: 16.27 ug/ml



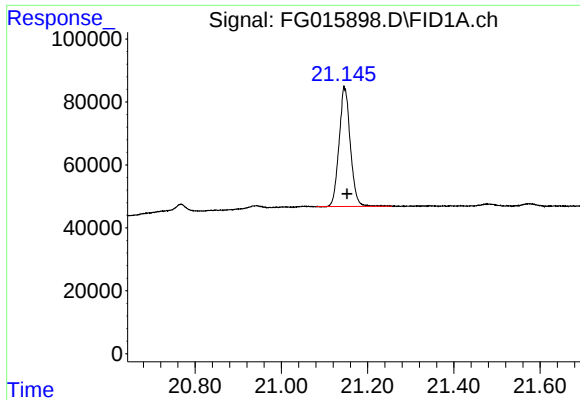
#15 N-TETRATRIACONTANE

R.T.: 19.668 min
Delta R.T.: -0.008 min
Response: 1336490
Conc: 11.02 ug/ml



#16 N-HEXATRIACONTANE

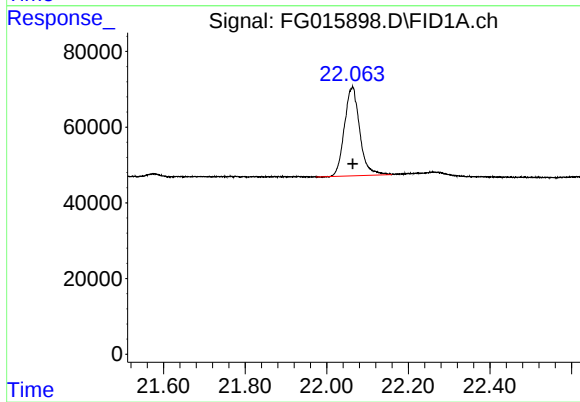
R.T.: 20.410 min
Delta R.T.: -0.005 min
Response: 867004
Conc: 8.12 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.146 min
Delta R.T.: -0.006 min
Response: 685888
Conc: 7.15 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168150BS



#18 N-TETRACONTANE

R.T.: 22.064 min
Delta R.T.: 0.000 min
Response: 609152
Conc: 6.93 ug/ml