

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020625\
 Data File : FG015315.D
 Signal(s) : FID1A.ch
 Acq On : 06 Feb 2025 11:56
 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: Feb 07 03:09:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Fri Jan 24 12:51:39 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...	15.048	5655322	44.088 ug/ml
Target Compounds			
1) N-OCTANE	1.997	5513489	45.184 ug/ml
2) N-DECANE	4.537	5680493	43.976 ug/ml
3) N-DODECANE	6.722	5971885	43.835 ug/ml
4) N-TETRADECANE	8.559	5936337	43.373 ug/ml
5) N-HEXADECANE	10.175	6143752	43.538 ug/ml
6) N-OCTADECANE	11.625	6415898	43.739 ug/ml
7) N-EICOSANE	12.940	6317066	43.450 ug/ml
8) N-DOCOSANE	14.144	6253291	43.588 ug/ml
10) N-TETRACOSANE	15.253	6224860	43.584 ug/ml
11) N-HEXACOSANE	16.277	6117436	43.435 ug/ml
12) N-OCTACOSANE	17.230	6027037	43.040 ug/ml
13) N-TRIACONTANE	18.120	5928031	41.668 ug/ml
14) N-DOTRIACONTANE	18.955	5550010	39.932 ug/ml
15) N-TETRATRIACONTANE	19.742	4515808	36.041 ug/ml
16) N-HEXATRIACONTANE	20.482	3538876	32.749 ug/ml
17) N-OCTATRIACONTANE	21.233	3157935	32.015 ug/ml
18) N-TETRACONTANE	22.172	3077734	33.148 ug/ml

(f)=RT Delta > 1/2 Window

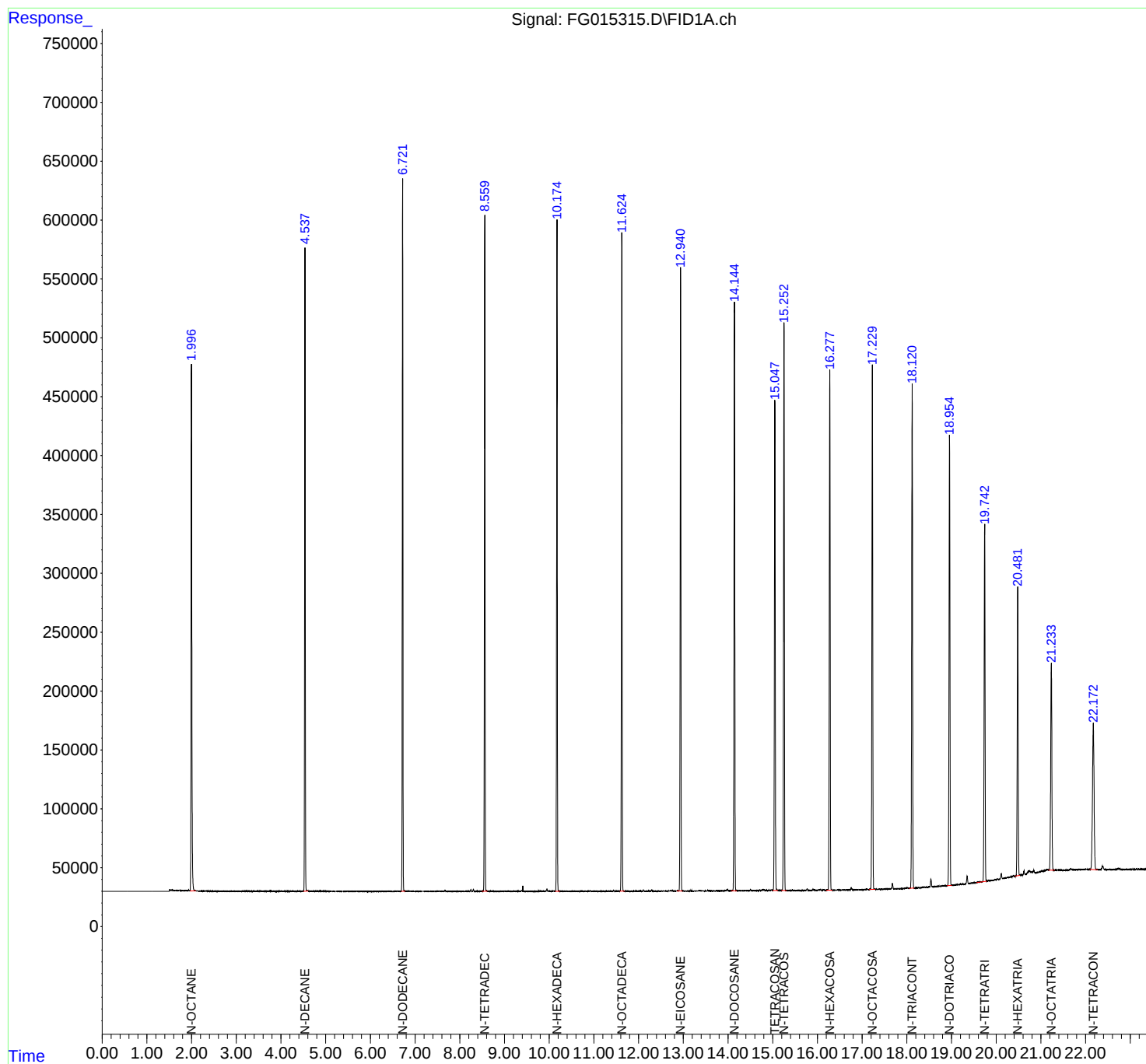
(m)=manual int.

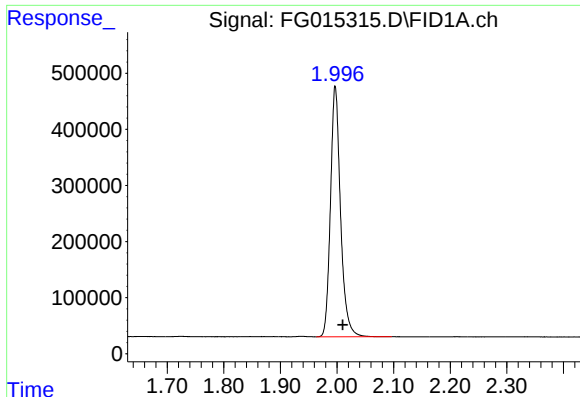
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

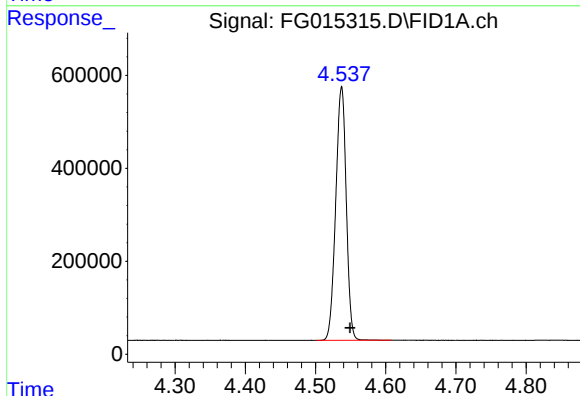




#1 N-OCTANE

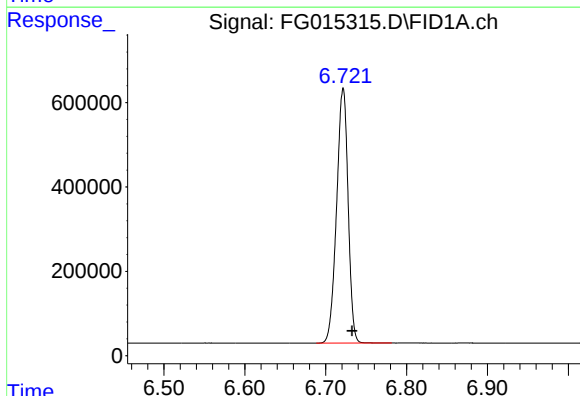
R.T.: 1.997 min
Delta R.T.: -0.013 min
Response: 5513489
Conc: 45.18 ug/ml

Instrument :
FID_G
ClientSampleId :



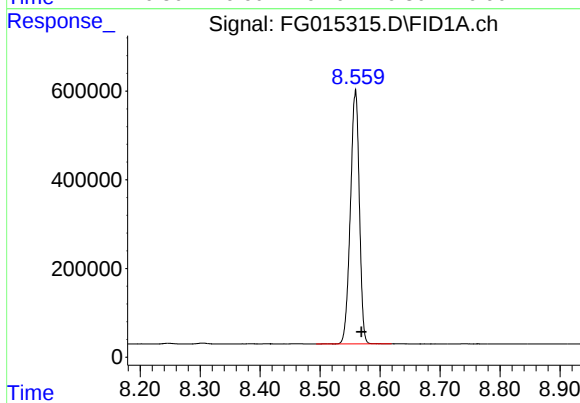
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: -0.012 min
Response: 5680493
Conc: 43.98 ug/ml



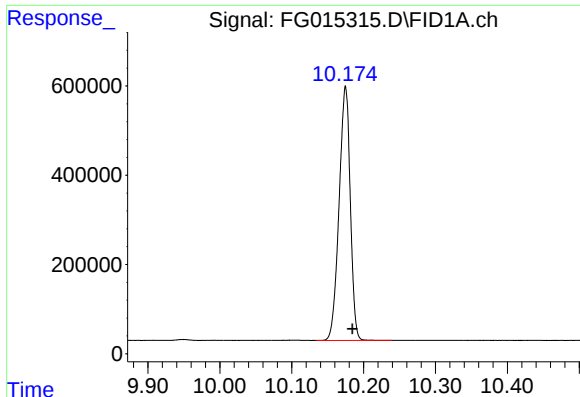
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.011 min
Response: 5971885
Conc: 43.83 ug/ml



#4 N-TETRADECANE

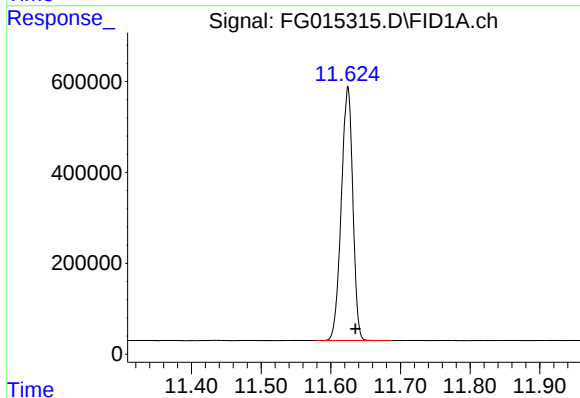
R.T.: 8.559 min
Delta R.T.: -0.010 min
Response: 5936337
Conc: 43.37 ug/ml



#5 N-HEXADECANE

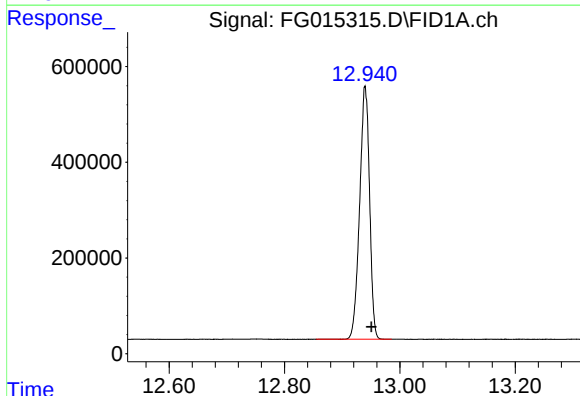
R.T.: 10.175 min
Delta R.T.: -0.009 min
Response: 6143752
Conc: 43.54 ug/ml

Instrument :
FID_G
ClientSampleId :



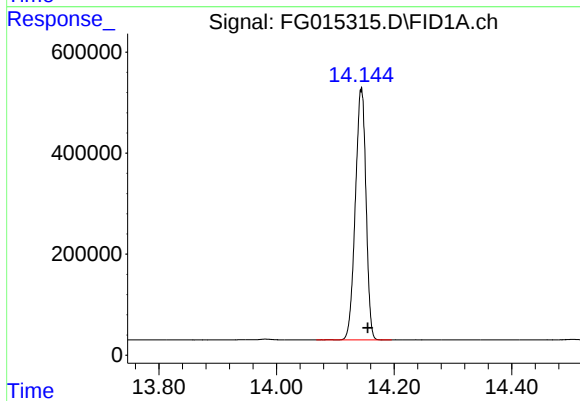
#6 N-OCTADECANE

R.T.: 11.625 min
Delta R.T.: -0.010 min
Response: 6415898
Conc: 43.74 ug/ml



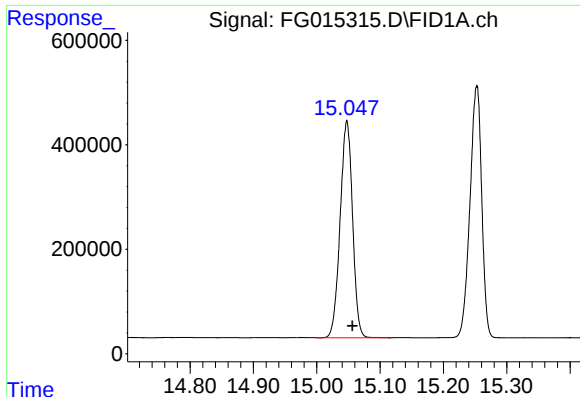
#7 N-EICOSANE

R.T.: 12.940 min
Delta R.T.: -0.011 min
Response: 6317066
Conc: 43.45 ug/ml



#8 N-DOCOSANE

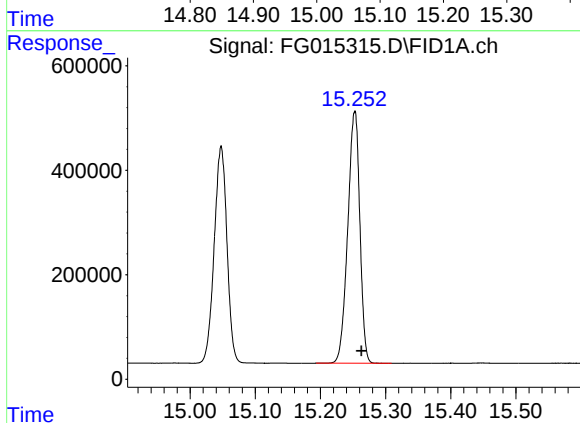
R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 6253291
Conc: 43.59 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

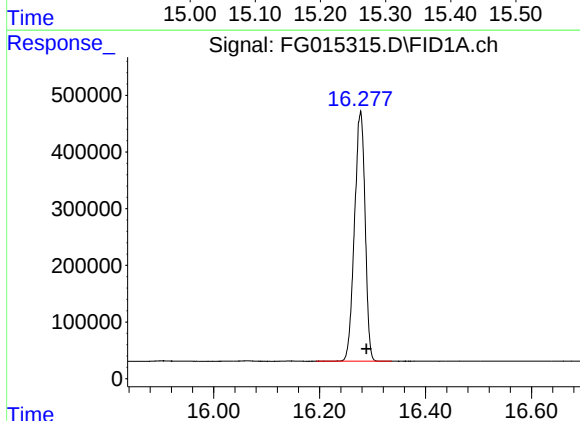
R.T.: 15.048 min
Delta R.T.: -0.009 min
Response: 5655322
Conc: 44.09 ug/ml

Instrument :
FID_G
ClientSampleId :



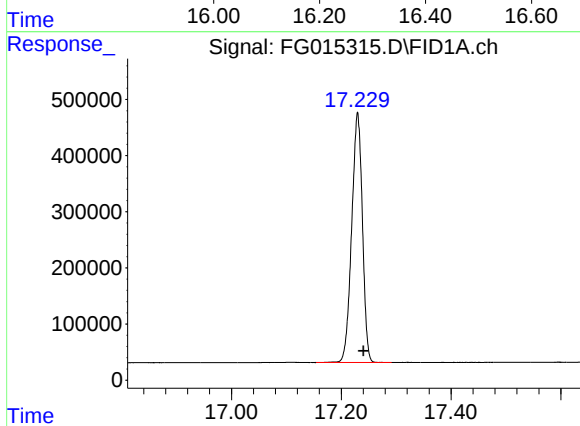
#10 N-TETRACOSANE

R.T.: 15.253 min
Delta R.T.: -0.010 min
Response: 6224860
Conc: 43.58 ug/ml



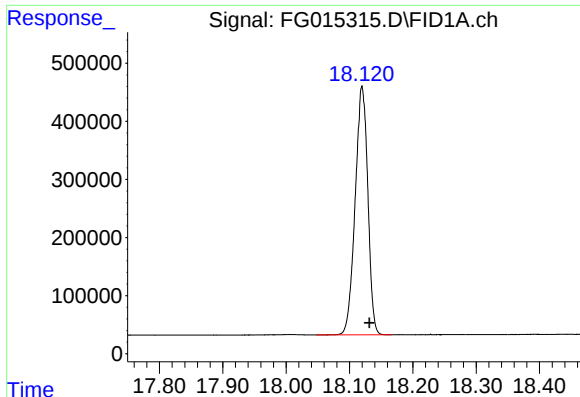
#11 N-HEXACOSANE

R.T.: 16.277 min
Delta R.T.: -0.011 min
Response: 6117436
Conc: 43.44 ug/ml



#12 N-OCTACOSANE

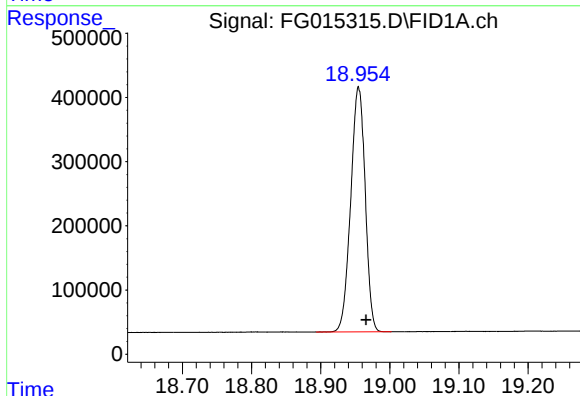
R.T.: 17.230 min
Delta R.T.: -0.011 min
Response: 6027037
Conc: 43.04 ug/ml



#13 N-TRIACONTANE

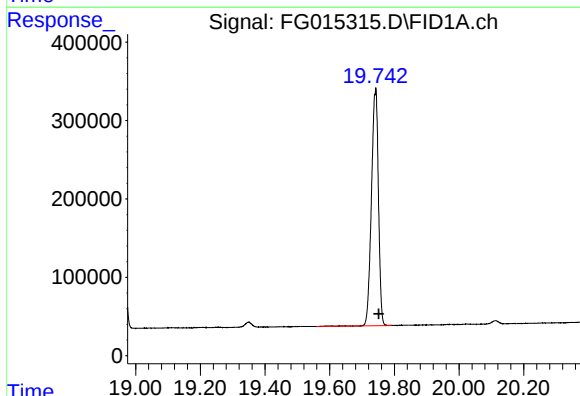
R.T.: 18.120 min
Delta R.T.: -0.012 min
Response: 5928031
Conc: 41.67 ug/ml

Instrument :
FID_G
ClientSampleId :



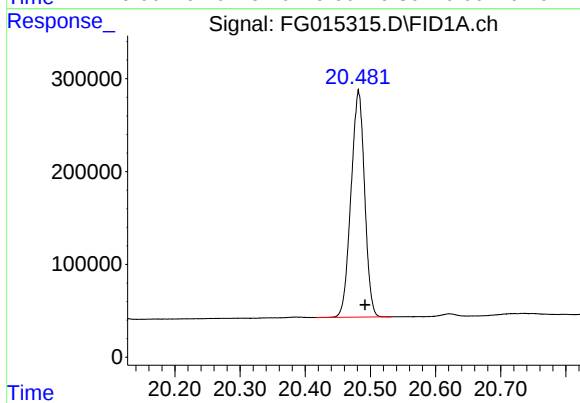
#14 N-DOTRIACONTANE

R.T.: 18.955 min
Delta R.T.: -0.011 min
Response: 5550010
Conc: 39.93 ug/ml



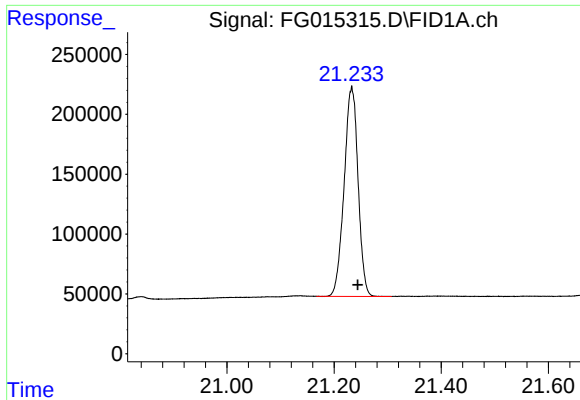
#15 N-TETRATRIACONTANE

R.T.: 19.742 min
Delta R.T.: -0.010 min
Response: 4515808
Conc: 36.04 ug/ml



#16 N-HEXATRIACONTANE

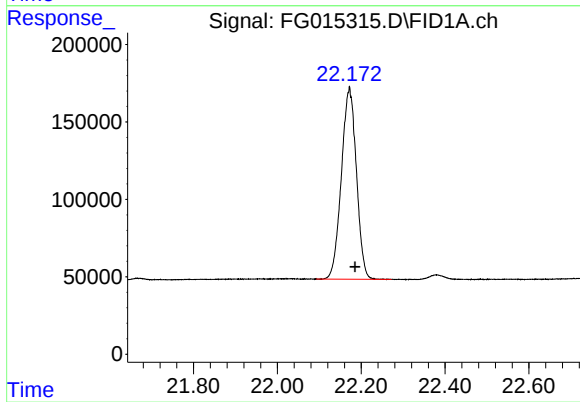
R.T.: 20.482 min
Delta R.T.: -0.010 min
Response: 3538876
Conc: 32.75 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.233 min
Delta R.T.: -0.011 min
Response: 3157935
Conc: 32.01 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.172 min
Delta R.T.: -0.013 min
Response: 3077734
Conc: 33.15 ug/ml