

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG090525\
 Data File : FG016557.D
 Signal(s) : FID1A.ch
 Acq On : 05 Sep 2025 10:55
 Operator : YP\AJ
 Sample : 20 TRPH STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 TRPH STD

Integration File: autoint1.e
 Quant Time: Sep 06 04:03:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG090525.M
 Quant Title :
 QLast Update : Sat Sep 06 04:01:58 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...	15.186	2241126	21.480 ug/ml
Target Compounds			
1) N-OCTANE	2.105	2409136	21.309 ug/ml
2) N-DECANE	4.653	2489830	21.191 ug/ml
3) N-DODECANE	6.837	2538981	21.157 ug/ml
4) N-TETRADECANE	8.678	2557632	21.217 ug/ml
5) N-HEXADECANE	10.298	2579911	21.306 ug/ml
6) N-OCTADECANE	11.752	2640624	21.385 ug/ml
7) N-EICOSANE	13.073	2647345	21.435 ug/ml
8) N-DOCOSANE	14.280	2557172	21.449 ug/ml
10) N-TETRACOSANE	15.392	2528742	21.517 ug/ml
11) N-HEXACOSANE	16.421	2475636	21.561 ug/ml
12) N-OCTACOSANE	17.378	2406090	21.591 ug/ml
13) N-TRIACONTANE	18.271	2379621	21.721 ug/ml
14) N-DOTRIACONTANE	19.109	2203523	21.631 ug/ml
15) N-TETRATRIACONTANE	19.898	1854605	21.651 ug/ml
16) N-HEXATRIACONTANE	20.641	1495316	21.426 ug/ml
17) N-OCTATRIACONTANE	21.429	1275861	20.924 ug/ml
18) N-TETRACONTANE	22.432	1146471	19.485 ug/ml

(f)=RT Delta > 1/2 Window

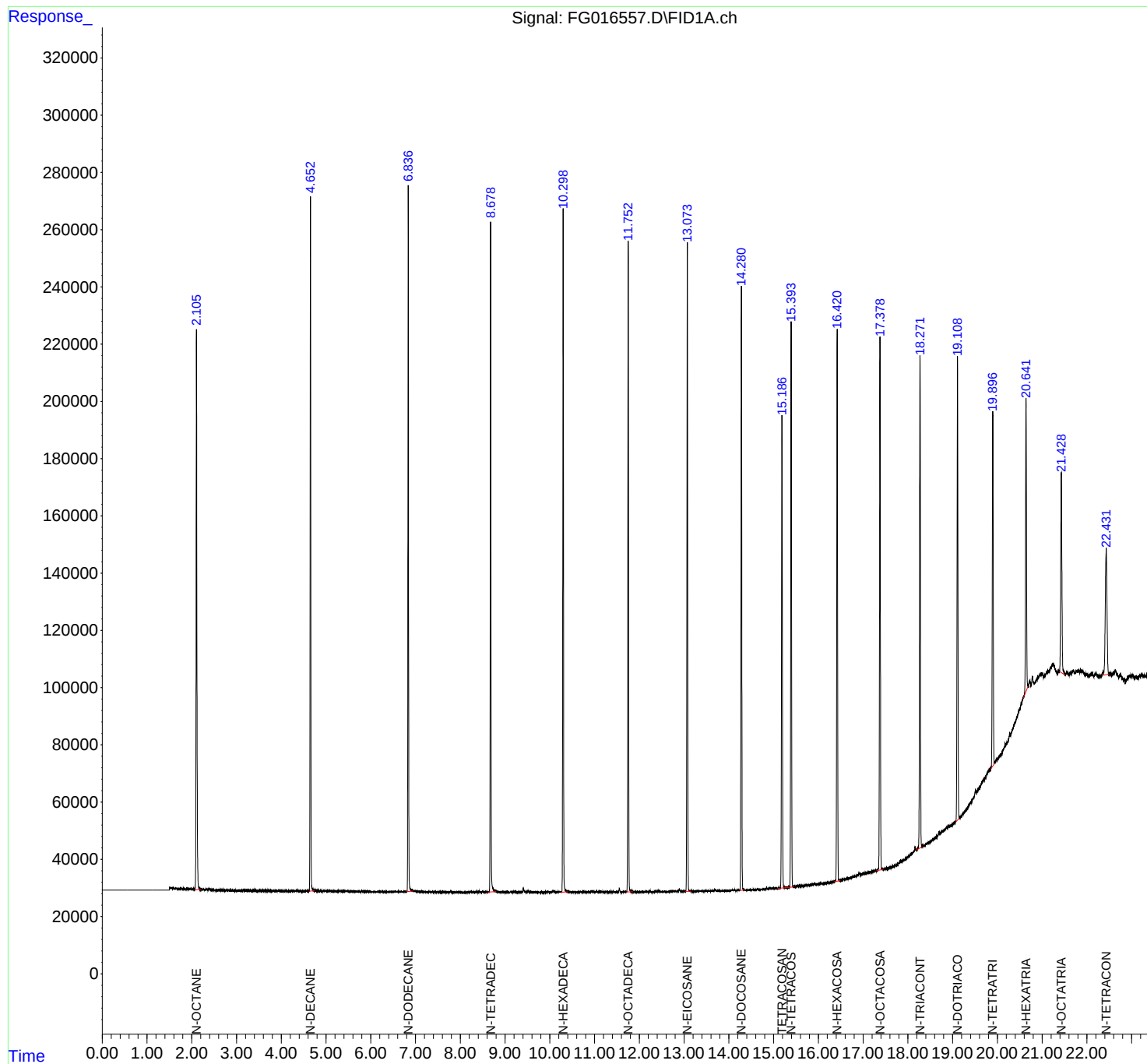
(m)=manual int.

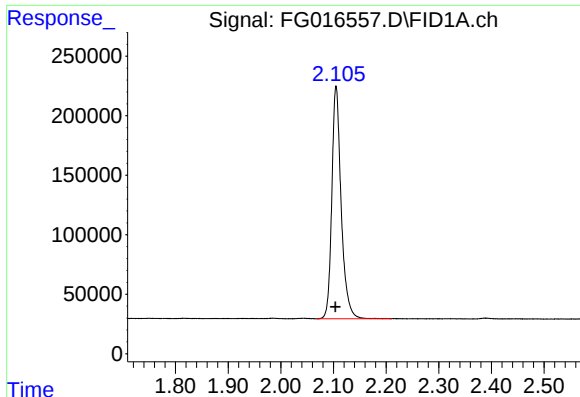
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

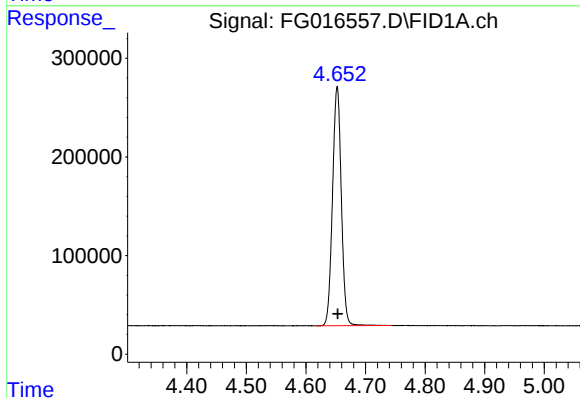




#1 N-OCTANE

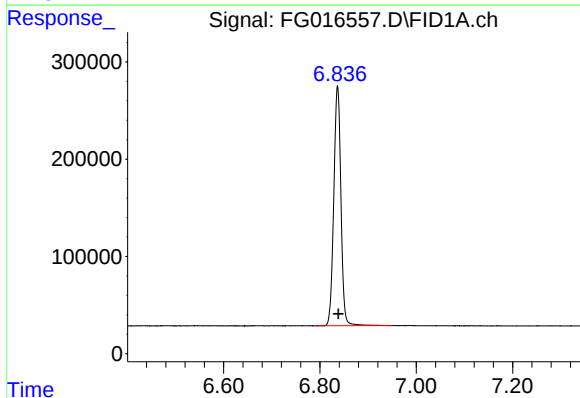
R.T.: 2.105 min
Delta R.T.: 0.001 min
Response: 2409136
Conc: 21.31 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



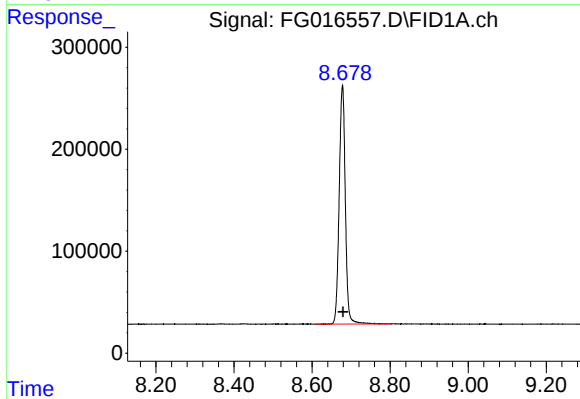
#2 N-DECANE

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 2489830
Conc: 21.19 ug/ml



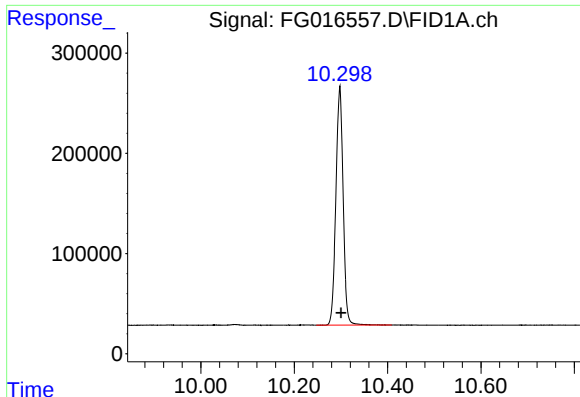
#3 N-DODECANE

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 2538981
Conc: 21.16 ug/ml



#4 N-TETRADECANE

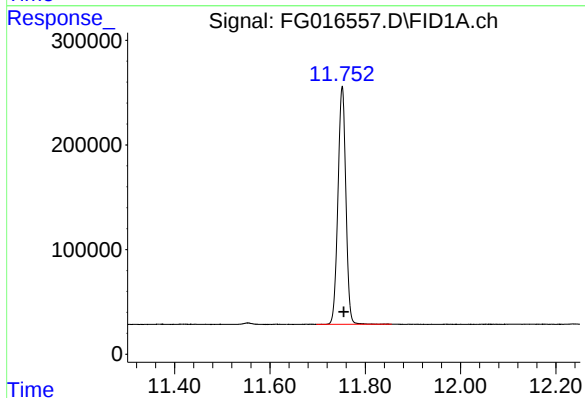
R.T.: 8.678 min
Delta R.T.: -0.002 min
Response: 2557632
Conc: 21.22 ug/ml



#5 N-HEXADECANE

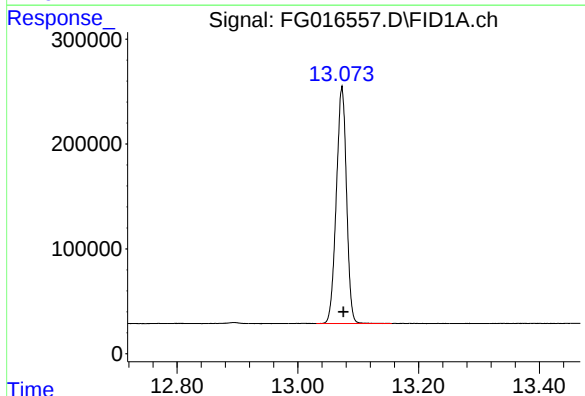
R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 2579911
Conc: 21.31 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



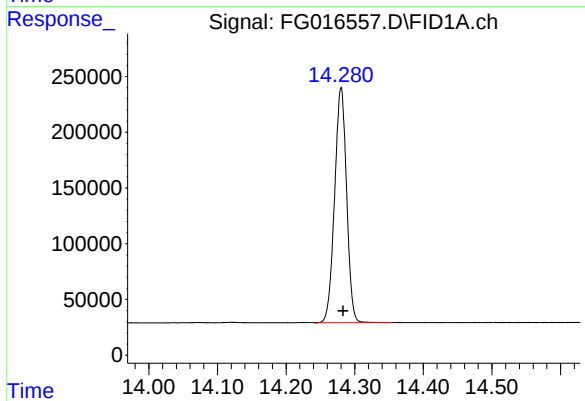
#6 N-OCTADECANE

R.T.: 11.752 min
Delta R.T.: -0.003 min
Response: 2640624
Conc: 21.38 ug/ml



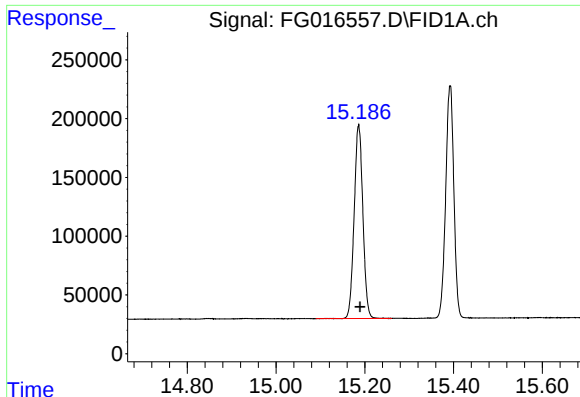
#7 N-EICOSANE

R.T.: 13.073 min
Delta R.T.: -0.003 min
Response: 2647345
Conc: 21.44 ug/ml



#8 N-DOCOSANE

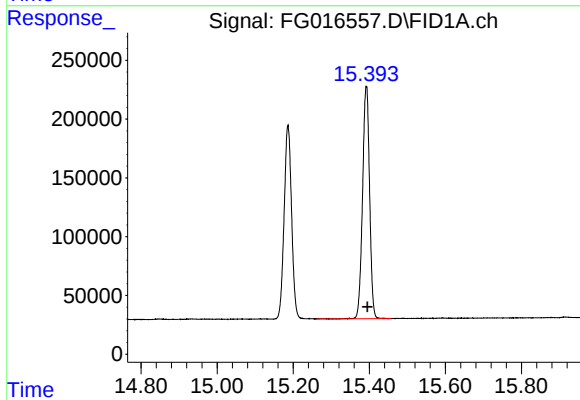
R.T.: 14.280 min
Delta R.T.: -0.003 min
Response: 2557172
Conc: 21.45 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

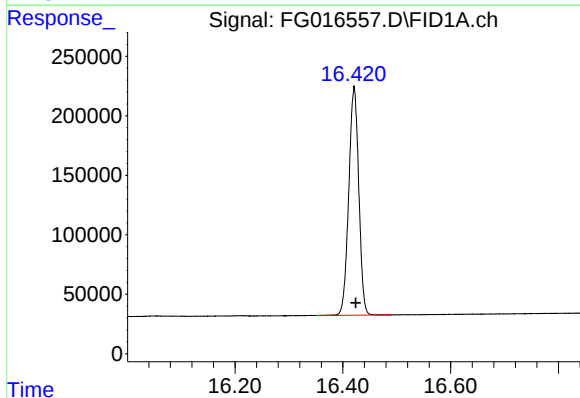
R.T.: 15.186 min
Delta R.T.: -0.003 min
Response: 2241126
Conc: 21.48 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



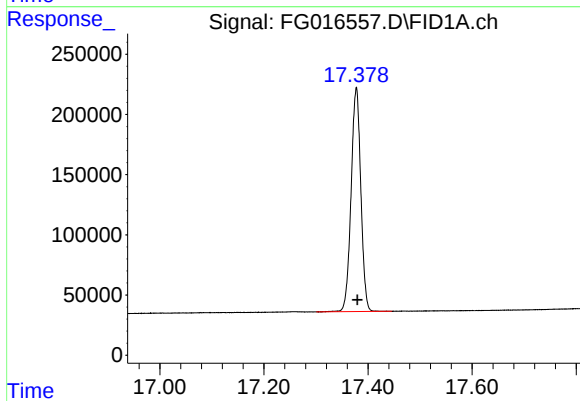
#10 N-TETRACOSANE

R.T.: 15.392 min
Delta R.T.: -0.003 min
Response: 2528742
Conc: 21.52 ug/ml



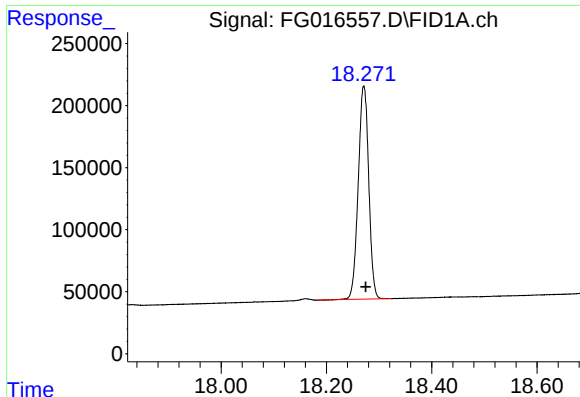
#11 N-HEXACOSANE

R.T.: 16.421 min
Delta R.T.: -0.003 min
Response: 2475636
Conc: 21.56 ug/ml



#12 N-OCTACOSANE

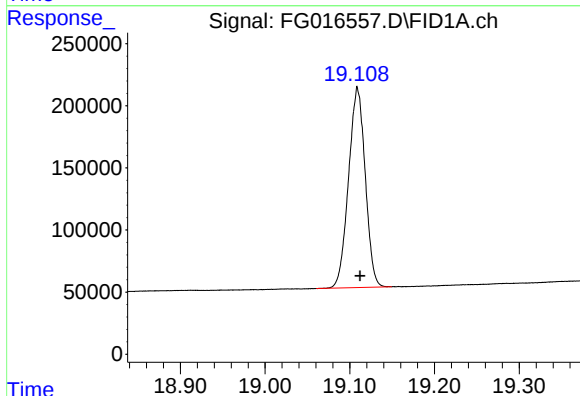
R.T.: 17.378 min
Delta R.T.: -0.002 min
Response: 2406090
Conc: 21.59 ug/ml



#13 N-TRIACONTANE

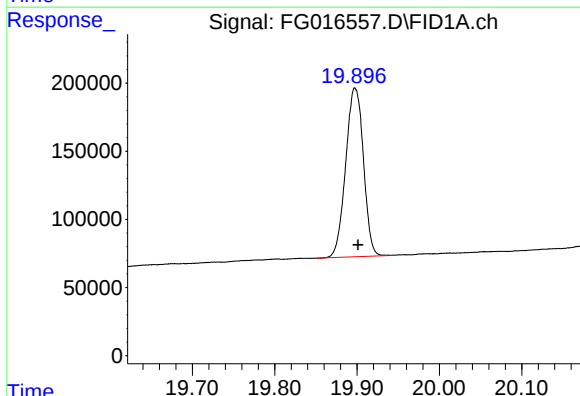
R.T.: 18.271 min
Delta R.T.: -0.004 min
Response: 2379621
Conc: 21.72 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



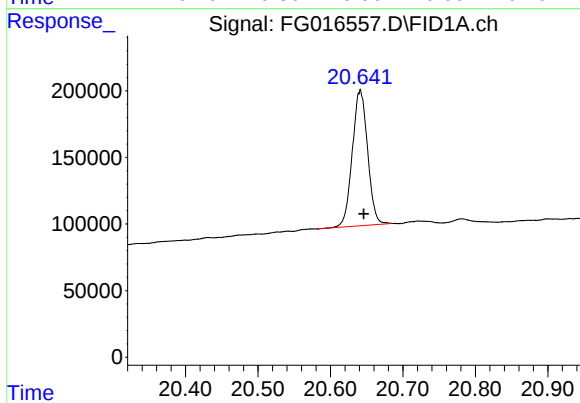
#14 N-DOTRIACONTANE

R.T.: 19.109 min
Delta R.T.: -0.003 min
Response: 2203523
Conc: 21.63 ug/ml



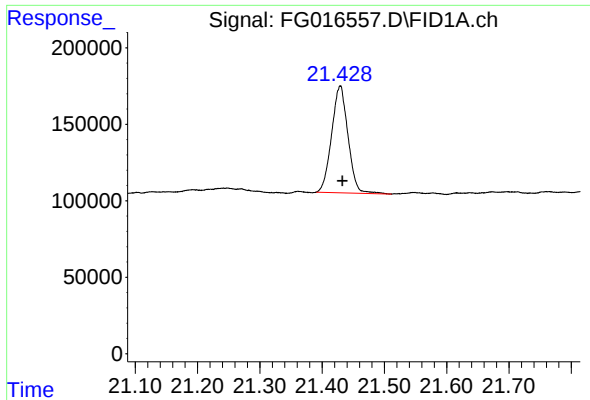
#15 N-TETRATRIACONTANE

R.T.: 19.898 min
Delta R.T.: -0.004 min
Response: 1854605
Conc: 21.65 ug/ml



#16 N-HEXATRIACONTANE

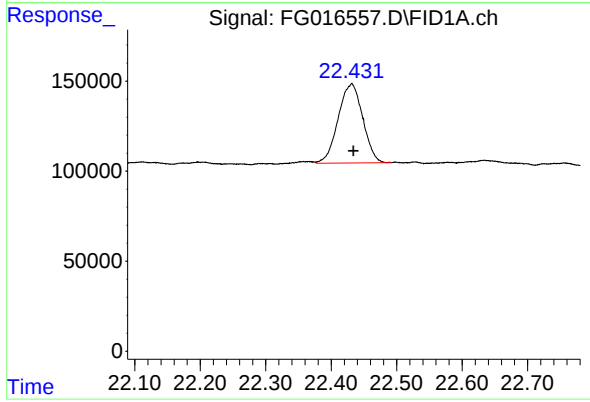
R.T.: 20.641 min
Delta R.T.: -0.005 min
Response: 1495316
Conc: 21.43 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.429 min
Delta R.T.: -0.004 min
Response: 1275861
Conc: 20.92 ug/ml

Instrument :
FID_G
ClientSampleId :
20 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.432 min
Delta R.T.: -0.002 min
Response: 1146471
Conc: 19.49 ug/ml