

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG082525\
 Data File : FG016378.D
 Signal(s) : FID1A.ch
 Acq On : 25 Aug 2025 18:05
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Aug 26 06:45:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG080525.M
 Quant Title :
 QLast Update : Tue Aug 05 12:47:26 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...	15.202	4220771	44.301 ug/ml
Target Compounds			
1) N-OCTANE	2.115	4459309	42.022 ug/ml
2) N-DECANE	4.665	4760829	44.055 ug/ml
3) N-DODECANE	6.850	4820793	44.358 ug/ml
4) N-TETRADECANE	8.691	4847745	44.337 ug/ml
5) N-HEXADECANE	10.311	4890349	44.990 ug/ml
6) N-OCTADECANE	11.766	4998057	45.184 ug/ml
7) N-EICOSANE	13.087	5022172	44.434 ug/ml
8) N-DOCOSANE	14.295	4888262	44.496 ug/ml
10) N-TETRACOSANE	15.409	4874158	44.484 ug/ml
11) N-HEXACOSANE	16.437	4861032	45.452 ug/ml
12) N-OCTACOSANE	17.394	4842446	44.949 ug/ml
13) N-TRIACONTANE	18.289	5048085	46.330 ug/ml
14) N-DOTRIACONTANE	19.129	5019118	47.651 ug/ml
15) N-TETRATRIACONTANE	19.918	4407146	46.252 ug/ml
16) N-HEXATRIACONTANE	20.661	3554182	47.567 ug/ml
17) N-OCTATRIACONTANE	21.453	2937375	48.990 ug/ml
18) N-TETRACONTANE	22.464	2498304	59.438 ug/ml

(f)=RT Delta > 1/2 Window

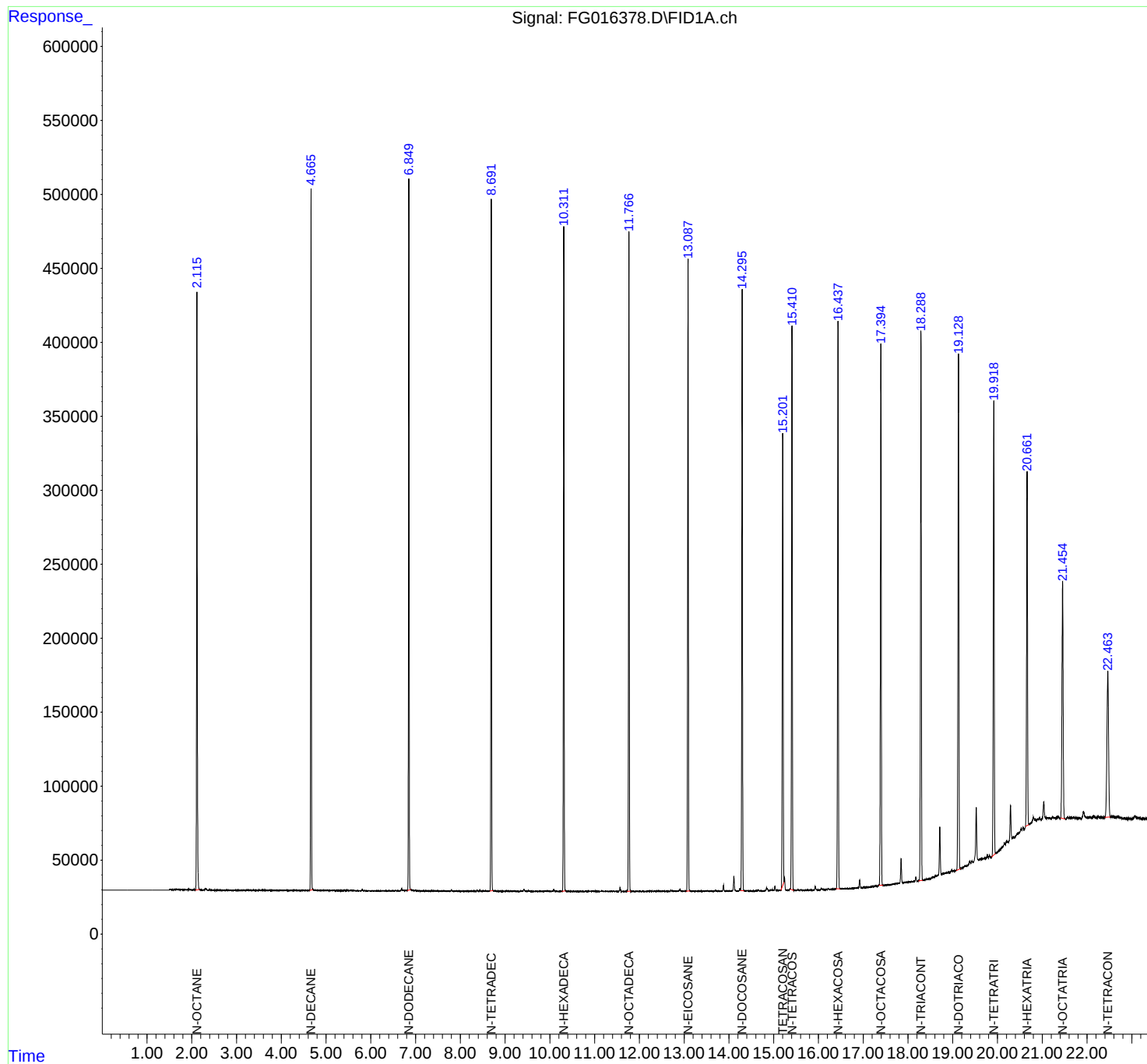
(m)=manual int.

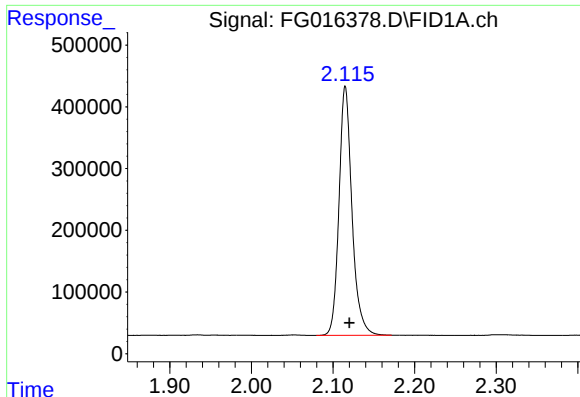
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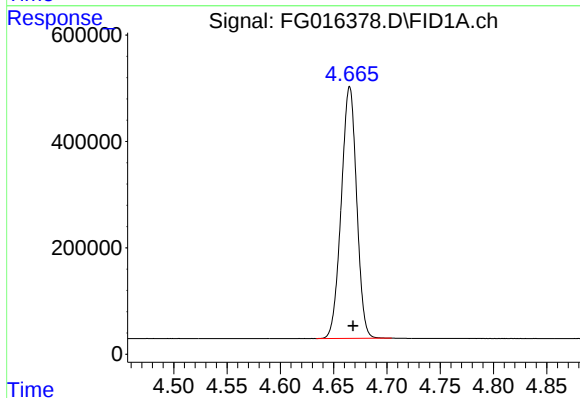




#1 N-OCTANE

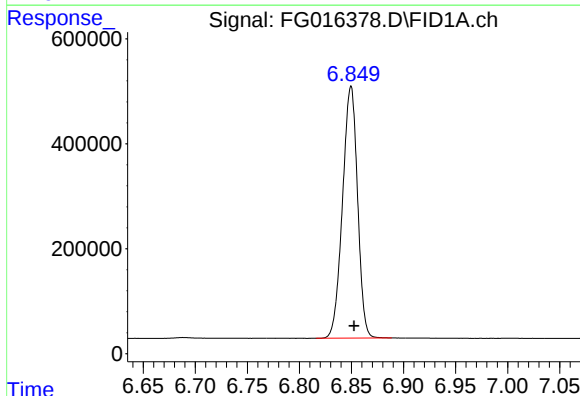
R.T.: 2.115 min
Delta R.T.: -0.005 min
Response: 4459309
Conc: 42.02 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



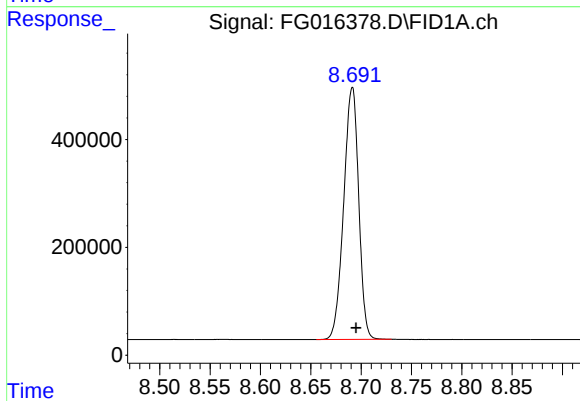
#2 N-DECANE

R.T.: 4.665 min
Delta R.T.: -0.003 min
Response: 4760829
Conc: 44.06 ug/ml



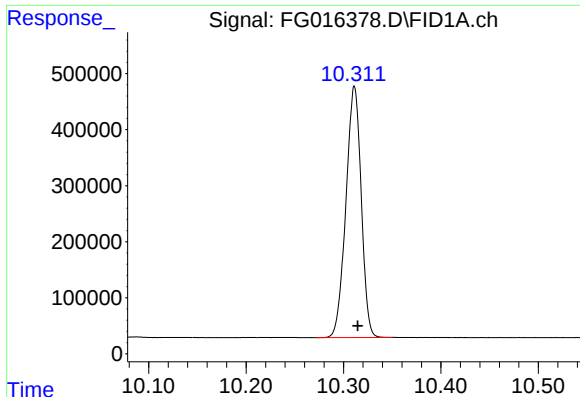
#3 N-DODECANE

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 4820793
Conc: 44.36 ug/ml



#4 N-TETRADECANE

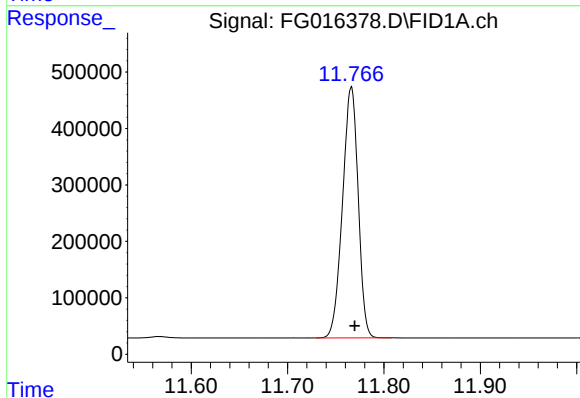
R.T.: 8.691 min
Delta R.T.: -0.004 min
Response: 4847745
Conc: 44.34 ug/ml



#5 N-HEXADECANE

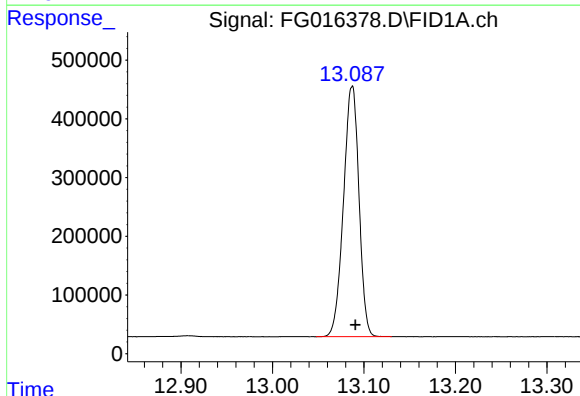
R.T.: 10.311 min
Delta R.T.: -0.003 min
Response: 4890349
Conc: 44.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



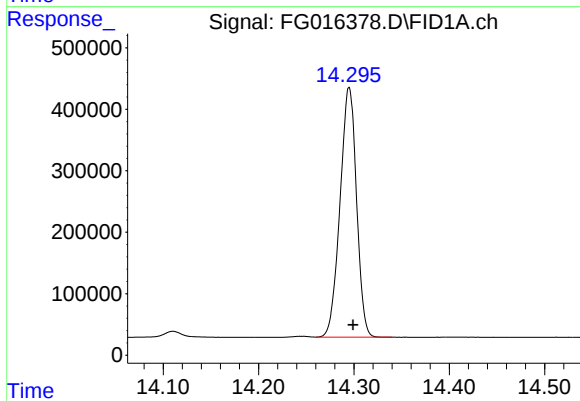
#6 N-OCTADECANE

R.T.: 11.766 min
Delta R.T.: -0.004 min
Response: 4998057
Conc: 45.18 ug/ml



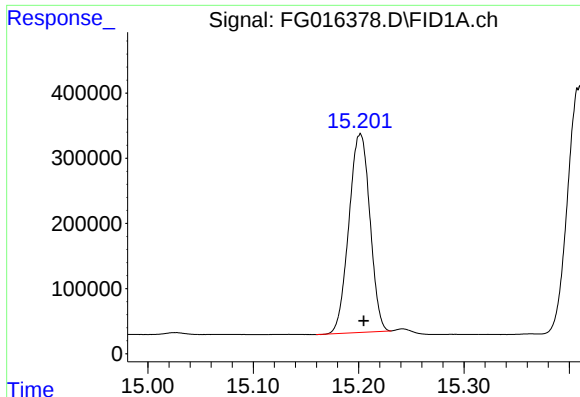
#7 N-EICOSANE

R.T.: 13.087 min
Delta R.T.: -0.004 min
Response: 5022172
Conc: 44.43 ug/ml



#8 N-DOCOSANE

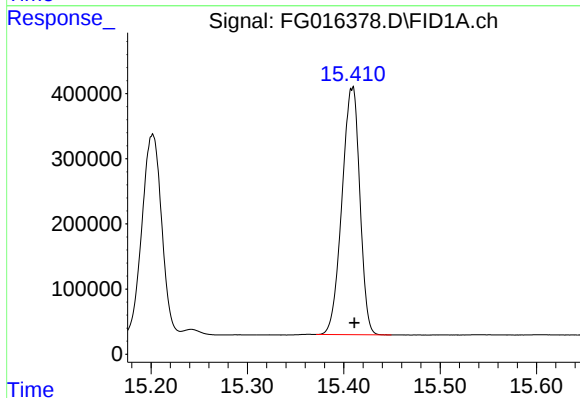
R.T.: 14.295 min
Delta R.T.: -0.004 min
Response: 4888262
Conc: 44.50 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

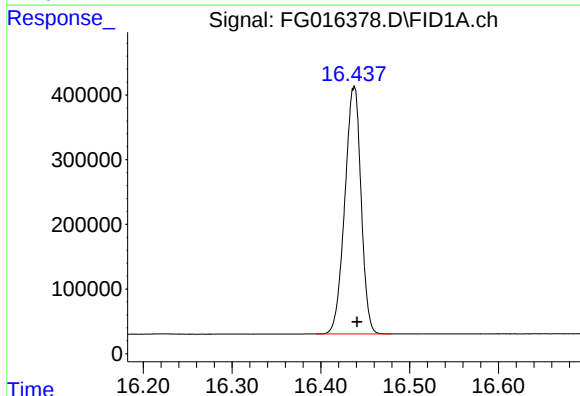
R.T.: 15.202 min
Delta R.T.: -0.003 min
Response: 4220771
Conc: 44.30 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



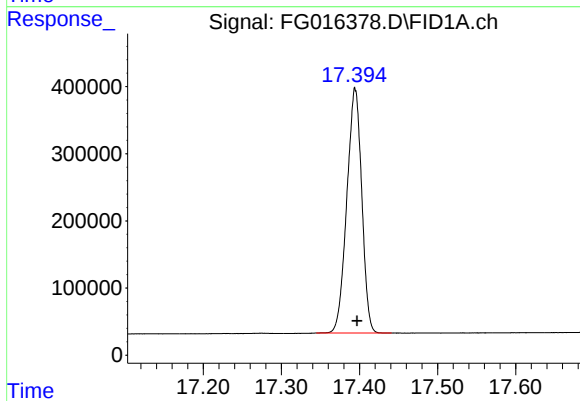
#10 N-TETRACOSANE

R.T.: 15.409 min
Delta R.T.: -0.002 min
Response: 4874158
Conc: 44.48 ug/ml



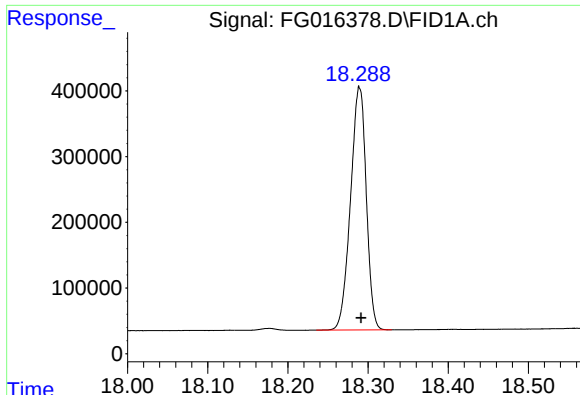
#11 N-HEXACOSANE

R.T.: 16.437 min
Delta R.T.: -0.003 min
Response: 4861032
Conc: 45.45 ug/ml



#12 N-OCTACOSANE

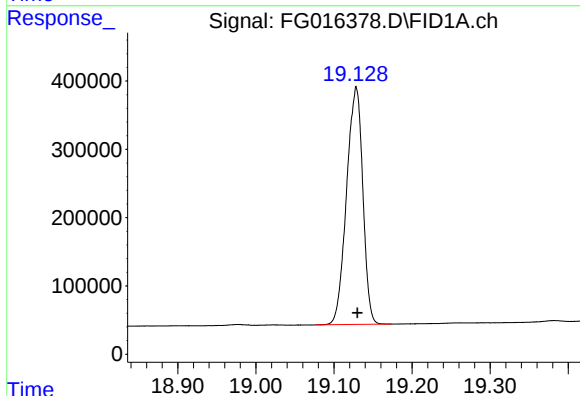
R.T.: 17.394 min
Delta R.T.: -0.002 min
Response: 4842446
Conc: 44.95 ug/ml



#13 N-TRIACONTANE

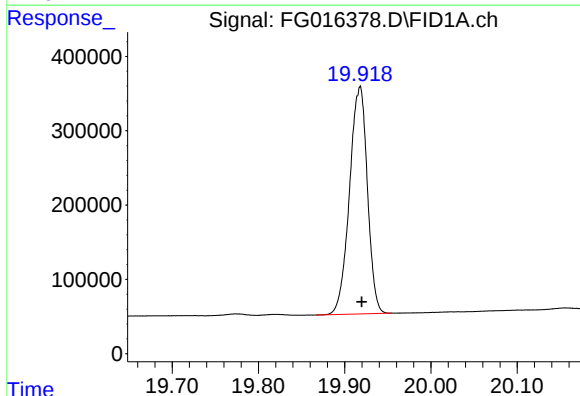
R.T.: 18.289 min
Delta R.T.: -0.002 min
Response: 5048085
Conc: 46.33 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



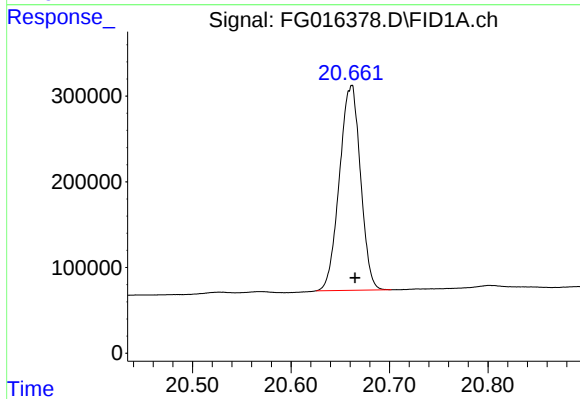
#14 N-DOTRIACONTANE

R.T.: 19.129 min
Delta R.T.: -0.002 min
Response: 5019118
Conc: 47.65 ug/ml



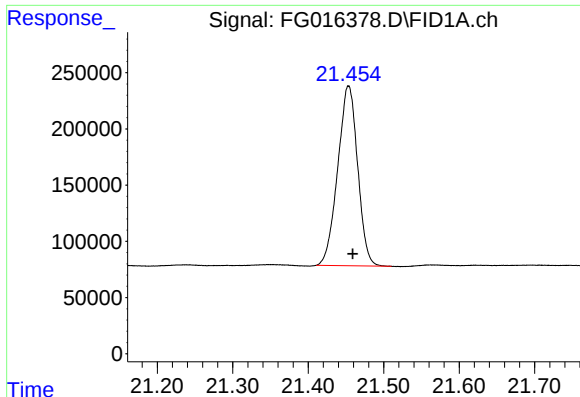
#15 N-TETRATRIACONTANE

R.T.: 19.918 min
Delta R.T.: -0.002 min
Response: 4407146
Conc: 46.25 ug/ml



#16 N-HEXATRIACONTANE

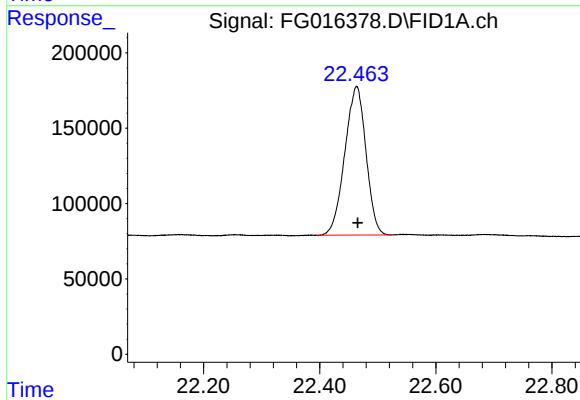
R.T.: 20.661 min
Delta R.T.: -0.003 min
Response: 3554182
Conc: 47.57 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.453 min
Delta R.T.: -0.006 min
Response: 2937375
Conc: 48.99 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.464 min
Delta R.T.: -0.002 min
Response: 2498304
Conc: 59.44 ug/ml