

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071025\
 Data File : FG016287.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2025 22:10
 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: Jul 11 04:16:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
 Quant Title :
 QLast Update : Wed Jul 09 12:46:24 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...	15.208	5545862	55.466 ug/ml
Target Compounds			
1) N-OCTANE	2.124	5911914	52.354 ug/ml
2) N-DECANE	4.674	6210427	53.922 ug/ml
3) N-DODECANE	6.857	6318556	54.498 ug/ml
4) N-TETRADECANE	8.699	6341558	53.727 ug/ml
5) N-HEXADECANE	10.318	6392902	55.271 ug/ml
6) N-OCTADECANE	11.773	6527565	55.611 ug/ml
7) N-EICOSANE	13.094	6551298	54.762 ug/ml
8) N-DOCOSANE	14.302	6332229	54.948 ug/ml
10) N-TETRACOSANE	15.414	6249503	54.699 ug/ml
11) N-HEXACOSANE	16.442	6101926	55.452 ug/ml
12) N-OCTACOSANE	17.397	5936316	54.588 ug/ml
13) N-TRIACONTANE	18.292	5960223	55.776 ug/ml
14) N-DOTRIACONTANE	19.131	5784182	57.201 ug/ml
15) N-TETRATRIACONTANE	19.919	5142023	56.514 ug/ml
16) N-HEXATRIACONTANE	20.663	4310137	57.232 ug/ml
17) N-OCTATRIACONTANE	21.454	3773196	57.976 ug/ml
18) N-TETRACONTANE	22.460	3577802	62.077 ug/ml

(f)=RT Delta > 1/2 Window

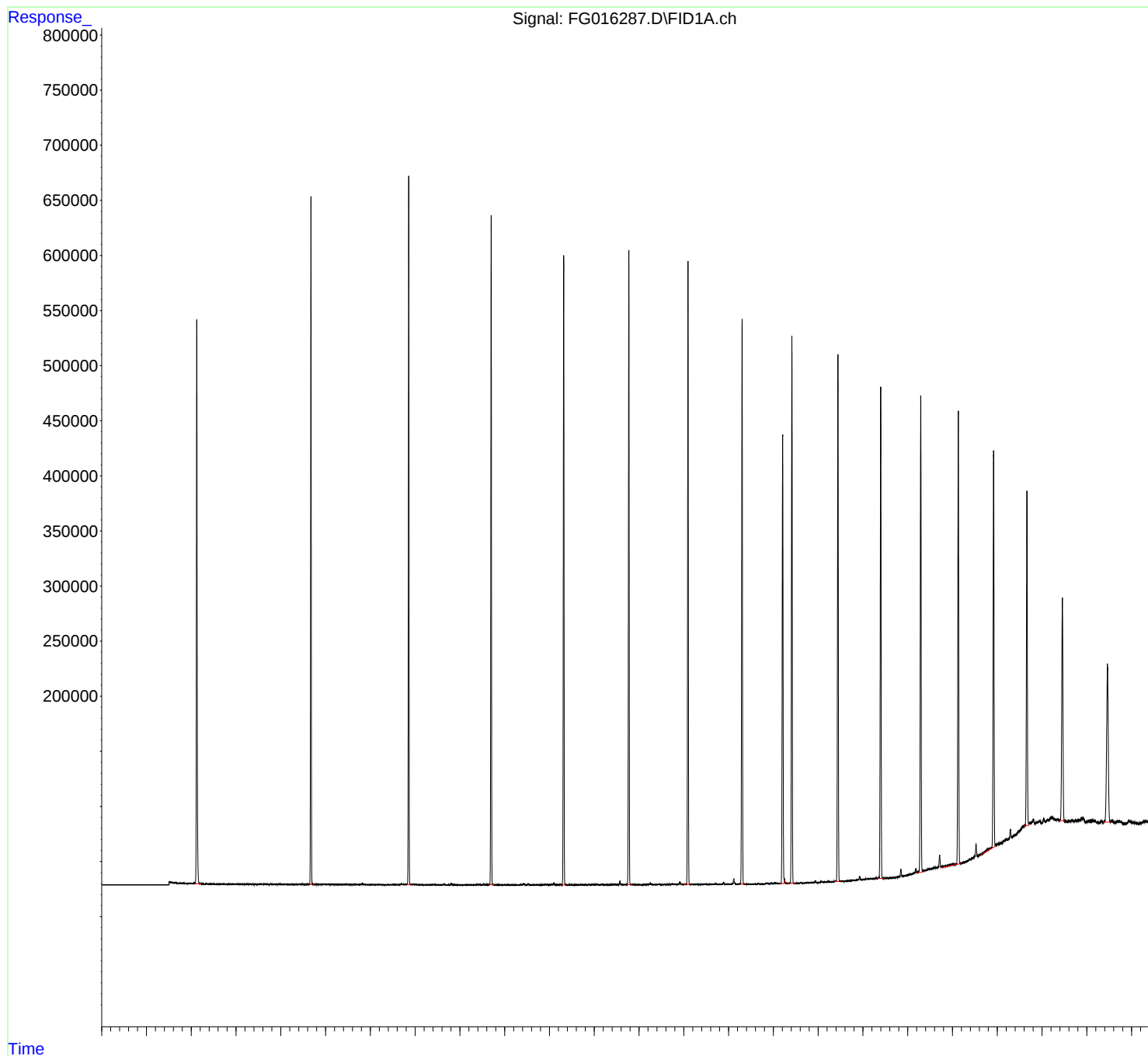
(m)=manual int.

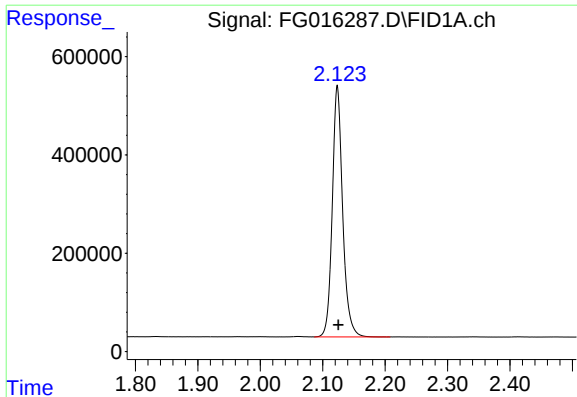
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

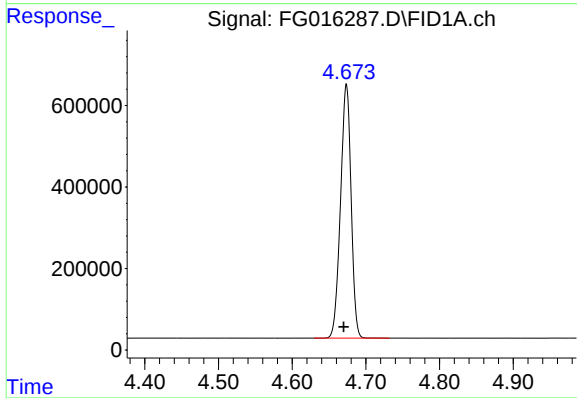




#1 N-OCTANE

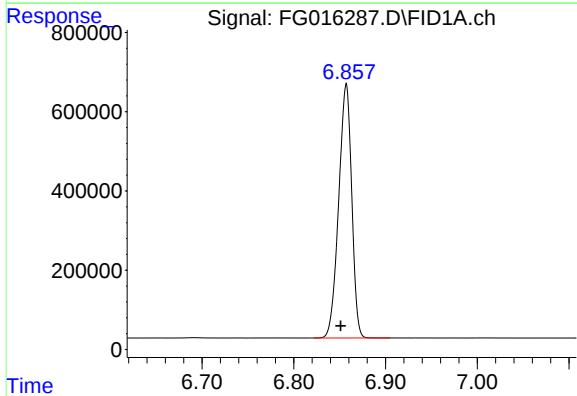
R.T.: 2.124 min
Delta R.T.: -0.001 min
Response: 5911914
Conc: 52.35 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



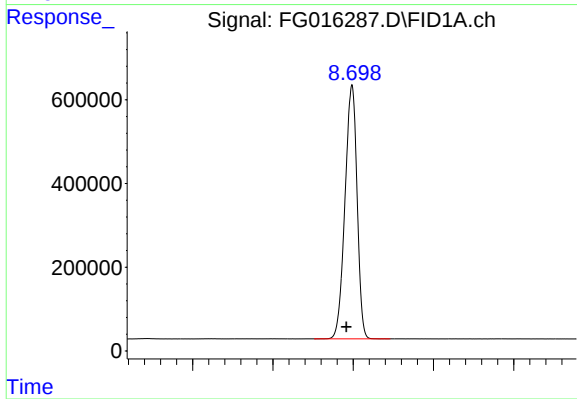
#2 N-DECANE

R.T.: 4.674 min
Delta R.T.: 0.004 min
Response: 6210427
Conc: 53.92 ug/ml



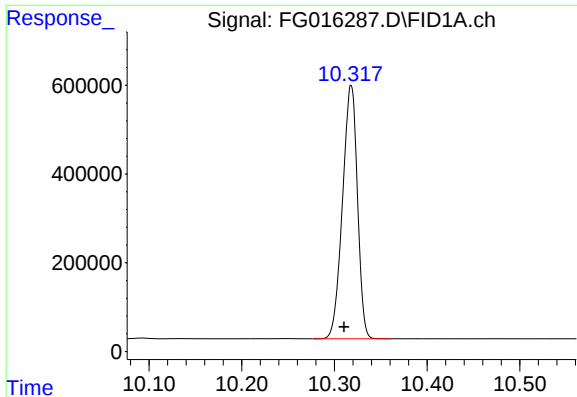
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.006 min
Response: 6318556
Conc: 54.50 ug/ml



#4 N-TETRADECANE

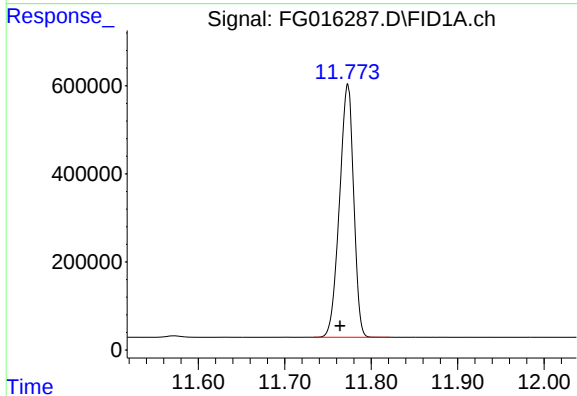
R.T.: 8.699 min
Delta R.T.: 0.007 min
Response: 6341558
Conc: 53.73 ug/ml



#5 N-HEXADECANE

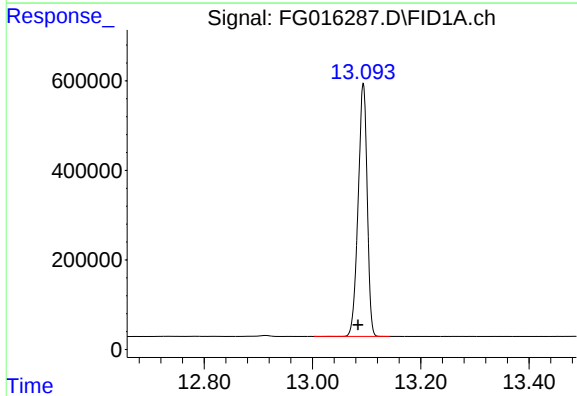
R.T.: 10.318 min
Delta R.T.: 0.008 min
Response: 6392902
Conc: 55.27 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



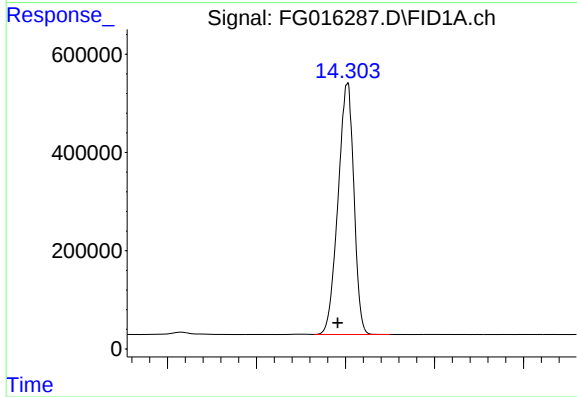
#6 N-OCTADECANE

R.T.: 11.773 min
Delta R.T.: 0.009 min
Response: 6527565
Conc: 55.61 ug/ml



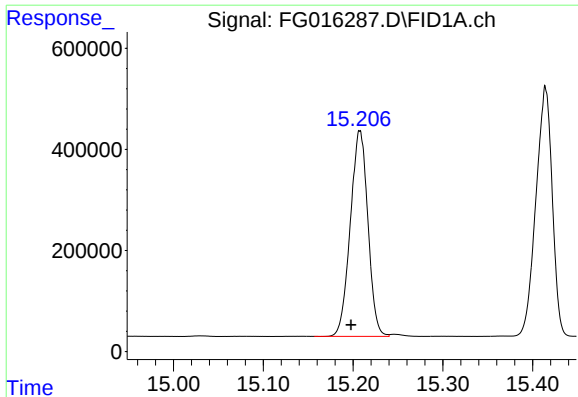
#7 N-EICOSANE

R.T.: 13.094 min
Delta R.T.: 0.009 min
Response: 6551298
Conc: 54.76 ug/ml



#8 N-DOCOSANE

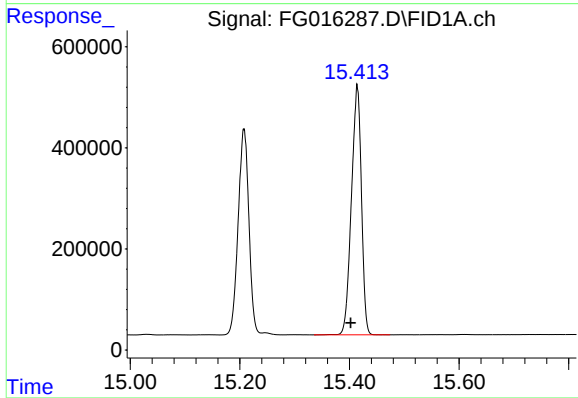
R.T.: 14.302 min
Delta R.T.: 0.011 min
Response: 6332229
Conc: 54.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

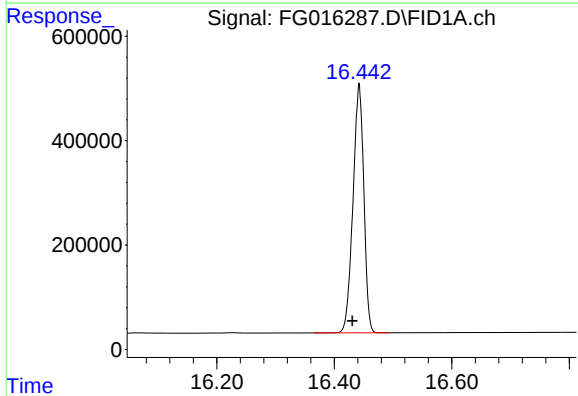
R.T.: 15.208 min
Delta R.T.: 0.010 min
Response: 5545862
Conc: 55.47 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



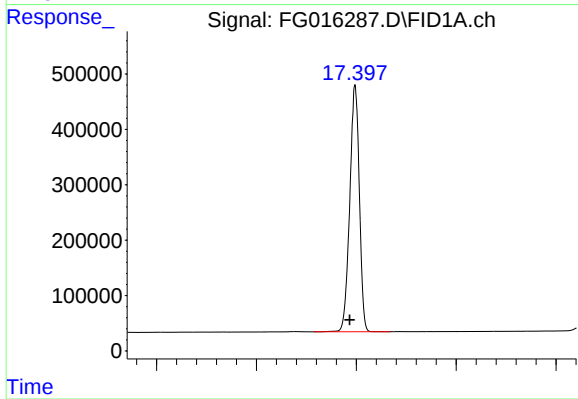
#10 N-TETRACOSANE

R.T.: 15.414 min
Delta R.T.: 0.012 min
Response: 6249503
Conc: 54.70 ug/ml



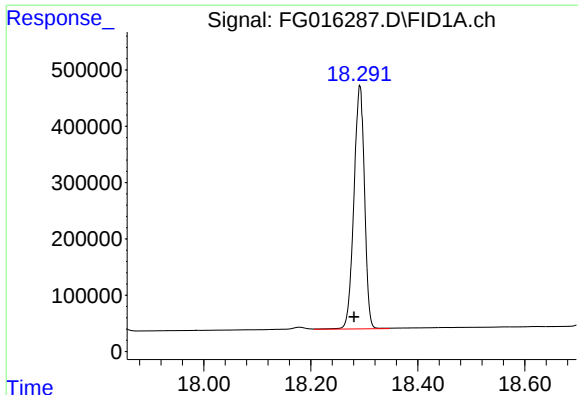
#11 N-HEXACOSANE

R.T.: 16.442 min
Delta R.T.: 0.012 min
Response: 6101926
Conc: 55.45 ug/ml



#12 N-OCTACOSANE

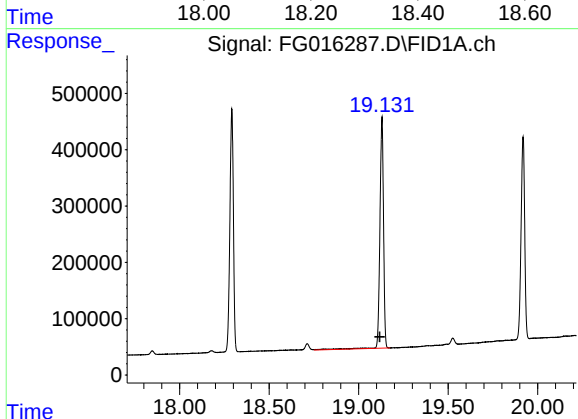
R.T.: 17.397 min
Delta R.T.: 0.011 min
Response: 5936316
Conc: 54.59 ug/ml



#13 N-TRIACONTANE

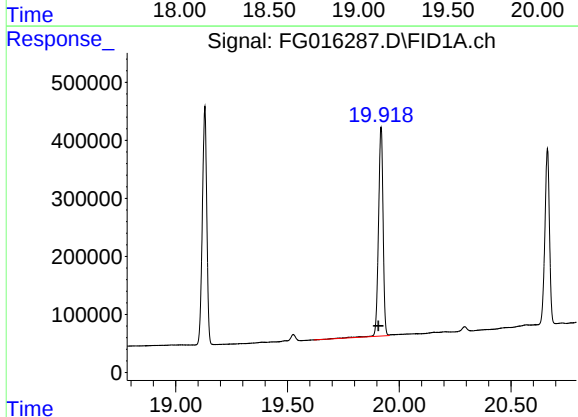
R.T.: 18.292 min
Delta R.T.: 0.011 min
Response: 5960223
Conc: 55.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



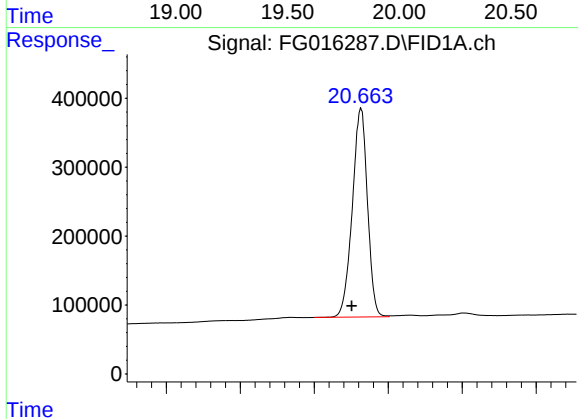
#14 N-DOTRIACONTANE

R.T.: 19.131 min
Delta R.T.: 0.012 min
Response: 5784182
Conc: 57.20 ug/ml



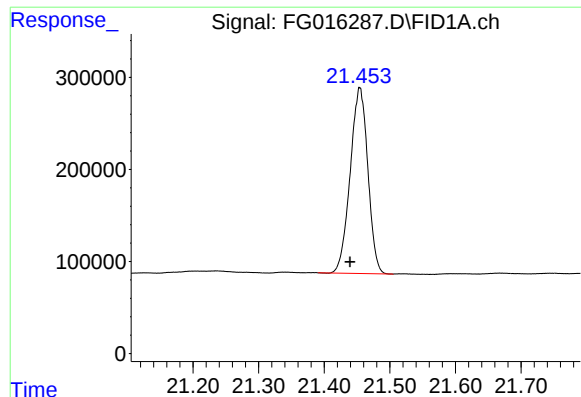
#15 N-TETRATRIACONTANE

R.T.: 19.919 min
Delta R.T.: 0.012 min
Response: 5142023
Conc: 56.51 ug/ml



#16 N-HEXATRIACONTANE

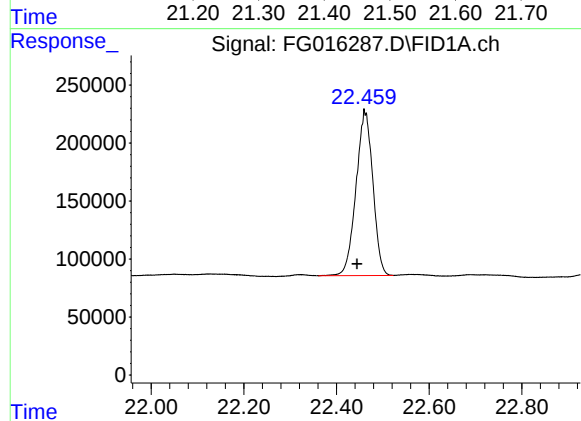
R.T.: 20.663 min
Delta R.T.: 0.012 min
Response: 4310137
Conc: 57.23 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.454 min
Delta R.T.: 0.015 min
Response: 3773196
Conc: 57.98 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.460 min
Delta R.T.: 0.016 min
Response: 3577802
Conc: 62.08 ug/ml