

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061325\
 Data File : FG016067.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 12:07
 Operator : YP\AJ
 Sample : 5 TRPH STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5 TRPH STD

Integration File: autoint1.e
 Quant Time: Jun 13 12:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:33:20 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...	15.194	644362	5.493 ug/ml
Target Compounds			
1) N-OCTANE	2.139	675845	5.481 ug/ml
2) N-DECANE	4.679	683817	5.450 ug/ml
3) N-DODECANE	6.857	693961	5.438 ug/ml
4) N-TETRADECANE	8.695	703671	5.453 ug/ml
5) N-HEXADECANE	10.313	707152	5.418 ug/ml
6) N-OCTADECANE	11.765	727044	5.429 ug/ml
7) N-EICOSANE	13.083	739886	5.469 ug/ml
8) N-DOCOSANE	14.290	721626	5.474 ug/ml
10) N-TETRACOSANE	15.400	723223	5.490 ug/ml
11) N-HEXACOSANE	16.426	722509	5.519 ug/ml
12) N-OCTACOSANE	17.380	722177	5.590 ug/ml
13) N-TRIACONTANE	18.272	728883	5.639 ug/ml
14) N-DOTRIACONTANE	19.109	699493	5.631 ug/ml
15) N-TETRATRIACONTANE	19.895	606115	5.513 ug/ml
16) N-HEXATRIACONTANE	20.638	491284	5.326 ug/ml
17) N-OCTATRIACONTANE	21.426	389985	4.954 ug/ml
18) N-TETRACONTANE	22.429	348486	4.958 ug/ml

(f)=RT Delta > 1/2 Window

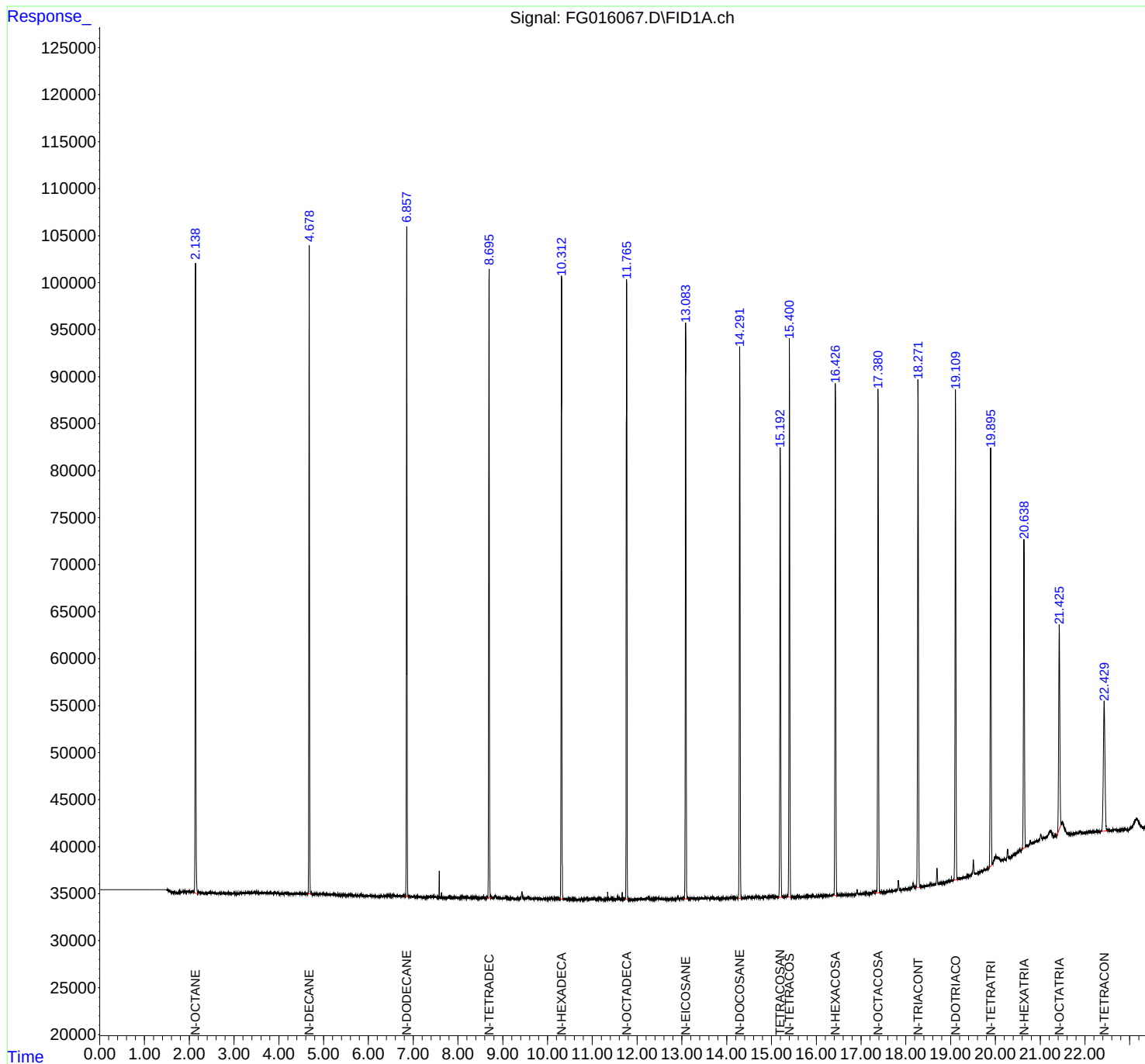
(m)=manual int.

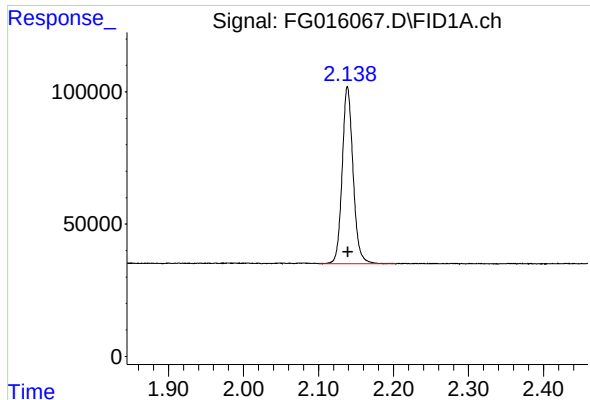
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Signal Info : 20mx0.18mmx0.18um

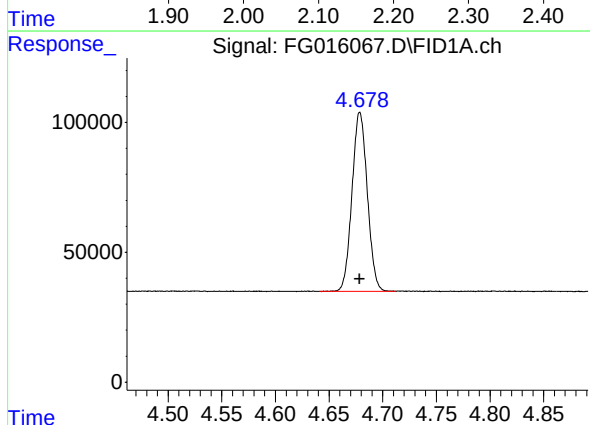




#1 N-OCTANE

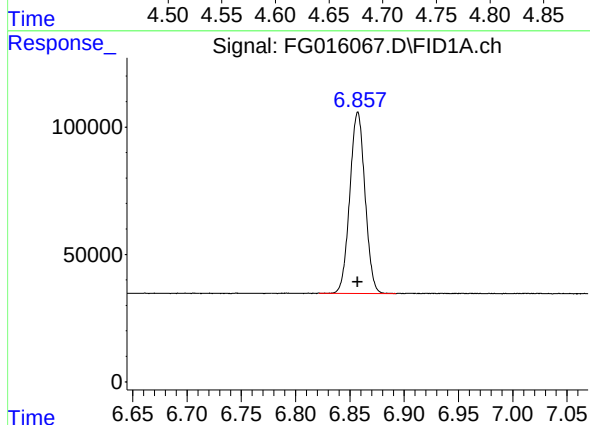
R.T.: 2.139 min
Delta R.T.: 0.000 min
Response: 675845
Conc: 5.48 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



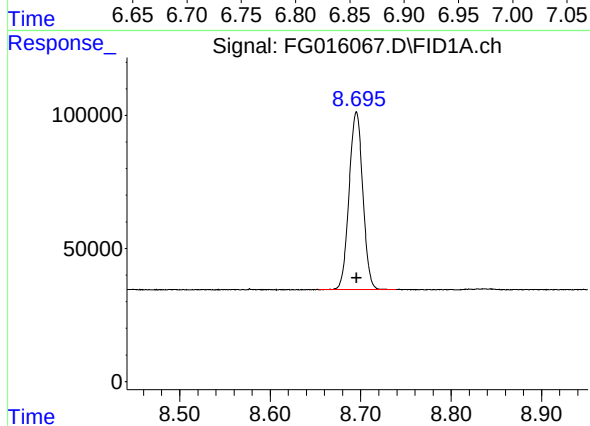
#2 N-DECANE

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 683817
Conc: 5.45 ug/ml



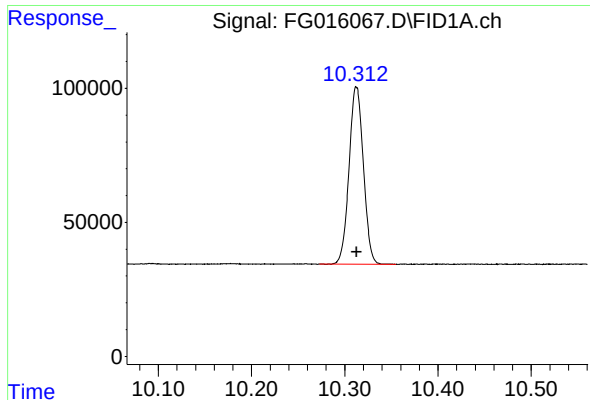
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 693961
Conc: 5.44 ug/ml



#4 N-TETRADECANE

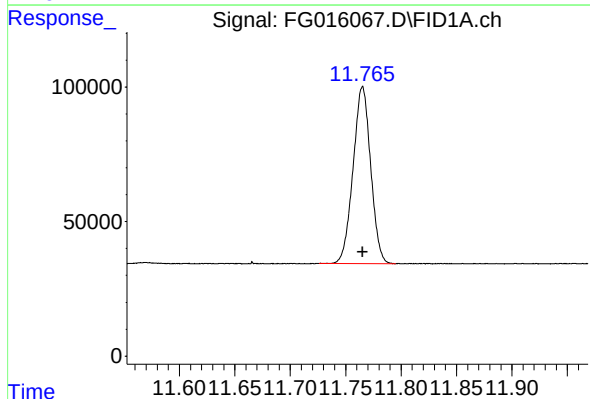
R.T.: 8.695 min
Delta R.T.: 0.000 min
Response: 703671
Conc: 5.45 ug/ml



#5 N-HEXADECANE

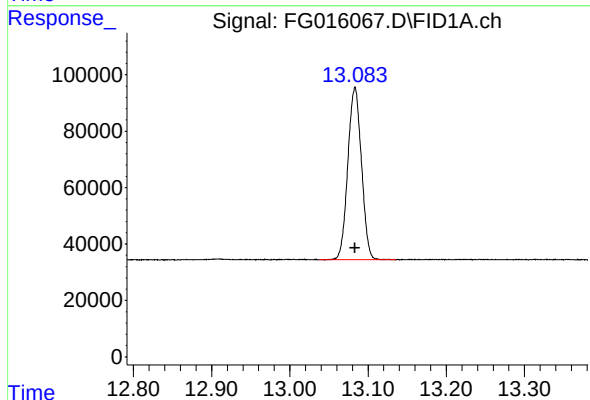
R.T.: 10.313 min
Delta R.T.: 0.000 min
Response: 707152
Conc: 5.42 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



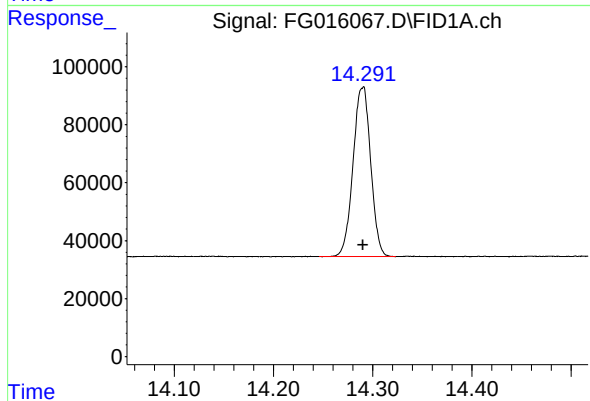
#6 N-OCTADECANE

R.T.: 11.765 min
Delta R.T.: 0.000 min
Response: 727044
Conc: 5.43 ug/ml



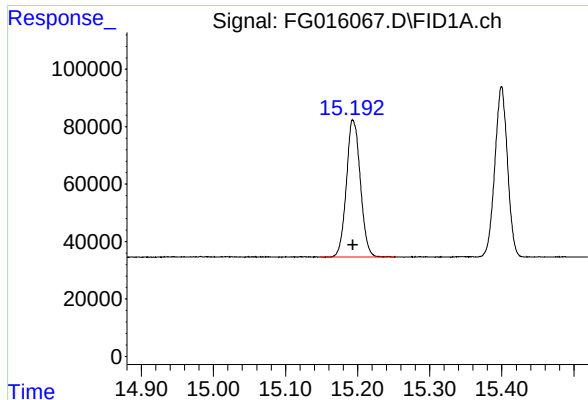
#7 N-EICOSANE

R.T.: 13.083 min
Delta R.T.: 0.000 min
Response: 739886
Conc: 5.47 ug/ml



#8 N-DOCOSANE

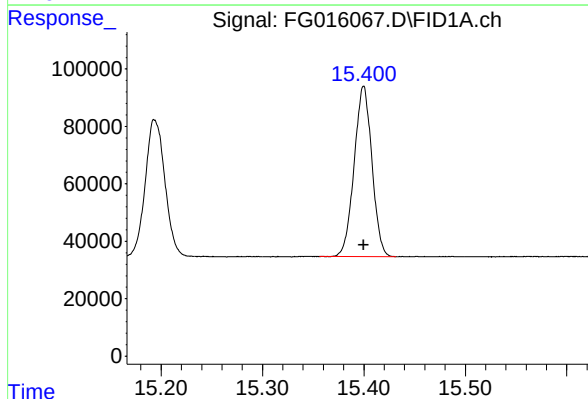
R.T.: 14.290 min
Delta R.T.: 0.000 min
Response: 721626
Conc: 5.47 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

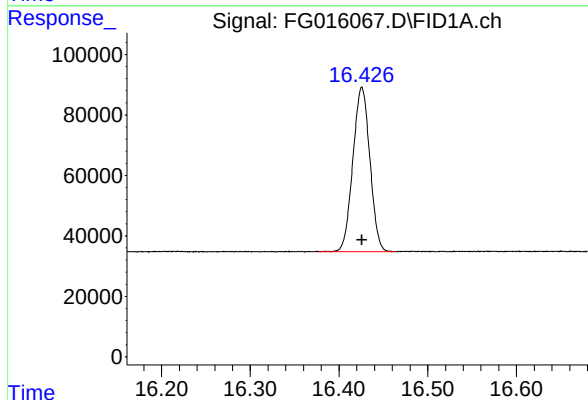
R.T.: 15.194 min
Delta R.T.: 0.000 min
Response: 644362
Conc: 5.49 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



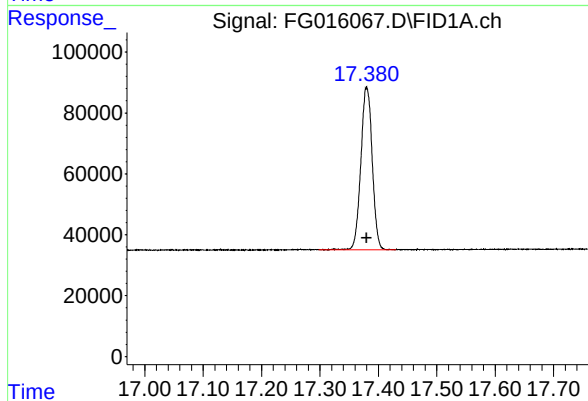
#10 N-TETRACOSANE

R.T.: 15.400 min
Delta R.T.: 0.000 min
Response: 723223
Conc: 5.49 ug/ml



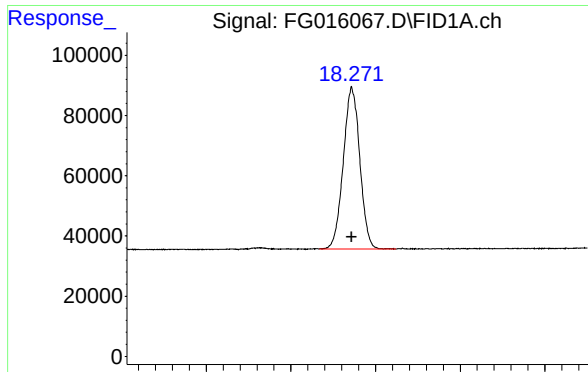
#11 N-HEXACOSANE

R.T.: 16.426 min
Delta R.T.: 0.000 min
Response: 722509
Conc: 5.52 ug/ml



#12 N-OCTACOSANE

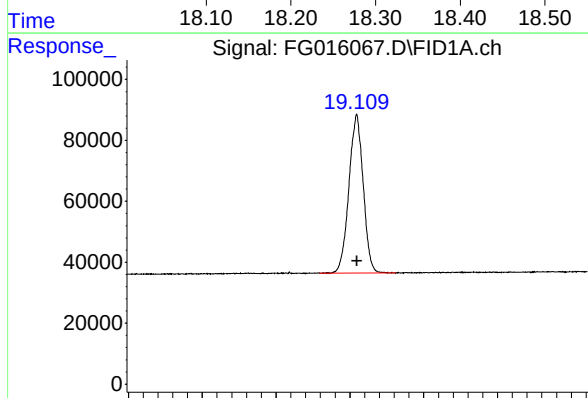
R.T.: 17.380 min
Delta R.T.: 0.000 min
Response: 722177
Conc: 5.59 ug/ml



#13 N-TRIACONTANE

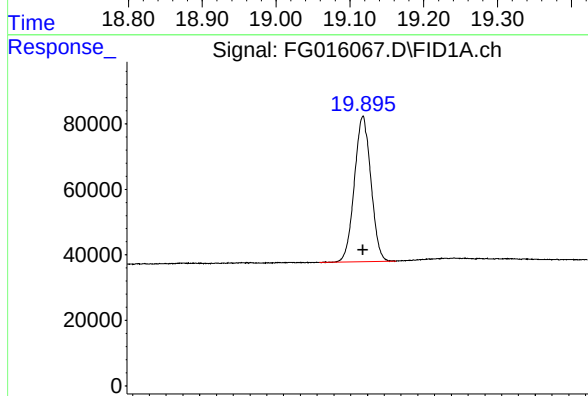
R.T.: 18.272 min
Delta R.T.: 0.000 min
Response: 728883
Conc: 5.64 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



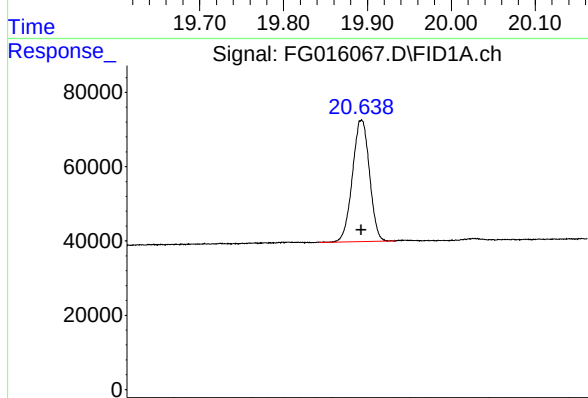
#14 N-DOTRIACONTANE

R.T.: 19.109 min
Delta R.T.: 0.000 min
Response: 699493
Conc: 5.63 ug/ml



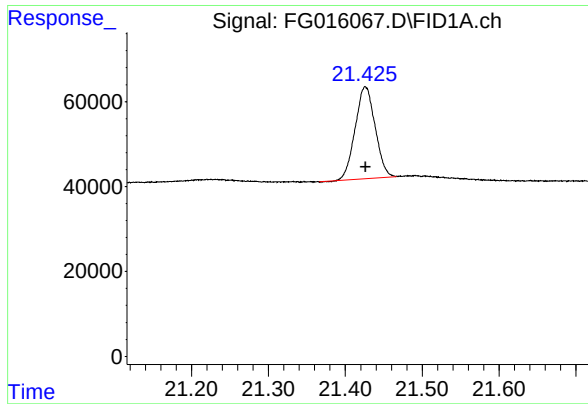
#15 N-TETRATRIACONTANE

R.T.: 19.895 min
Delta R.T.: 0.000 min
Response: 606115
Conc: 5.51 ug/ml



#16 N-HEXATRIACONTANE

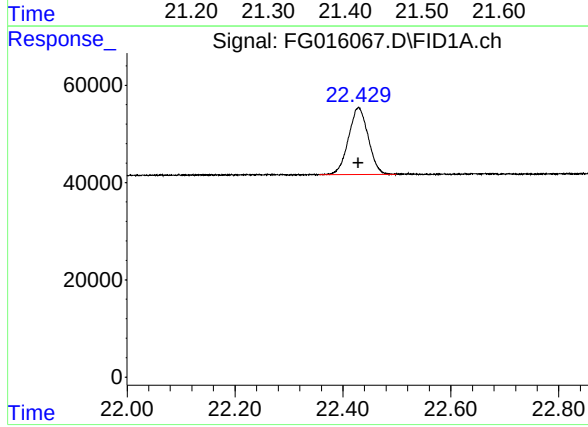
R.T.: 20.638 min
Delta R.T.: 0.000 min
Response: 491284
Conc: 5.33 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.426 min
Delta R.T.: 0.000 min
Response: 389985
Conc: 4.95 ug/ml

Instrument :
FID_G
ClientSampleId :
5 TRPH STD



#18 N-TETRACONTANE

R.T.: 22.429 min
Delta R.T.: 0.000 min
Response: 348486
Conc: 4.96 ug/ml