

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016022.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 21:00
 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: Jun 11 05:55:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.976	5898744	48.129 ug/ml
Target Compounds			
1) N-OCTANE	1.949	6073843	51.656 ug/ml
2) N-DECANE	4.475	6298665	53.606 ug/ml
3) N-DODECANE	6.659	6474887	53.347 ug/ml
4) N-TETRADECANE	8.496	6653763	52.109 ug/ml
5) N-HEXADECANE	10.110	6772484	50.833 ug/ml
6) N-OCTADECANE	11.557	6933004	50.237 ug/ml
7) N-EICOSANE	12.872	6996768	49.525 ug/ml
8) N-DOCOSANE	14.074	6755868	49.182 ug/ml
10) N-TETRACOSANE	15.181	6667691	48.503 ug/ml
11) N-HEXACOSANE	16.204	6542216	48.151 ug/ml
12) N-OCTACOSANE	17.157	6401691	47.481 ug/ml
13) N-TRIACONTANE	18.046	6456274	47.317 ug/ml
14) N-DOTRIACONTANE	18.881	6239964	46.590 ug/ml
15) N-TETRATRIACONTANE	19.666	5607734	46.243 ug/ml
16) N-HEXATRIACONTANE	20.406	4807284	45.018 ug/ml
17) N-OCTATRIACONTANE	21.142	4253506	44.323 ug/ml
18) N-TETRACONTANE	22.051	3971926	45.160 ug/ml

(f)=RT Delta > 1/2 Window

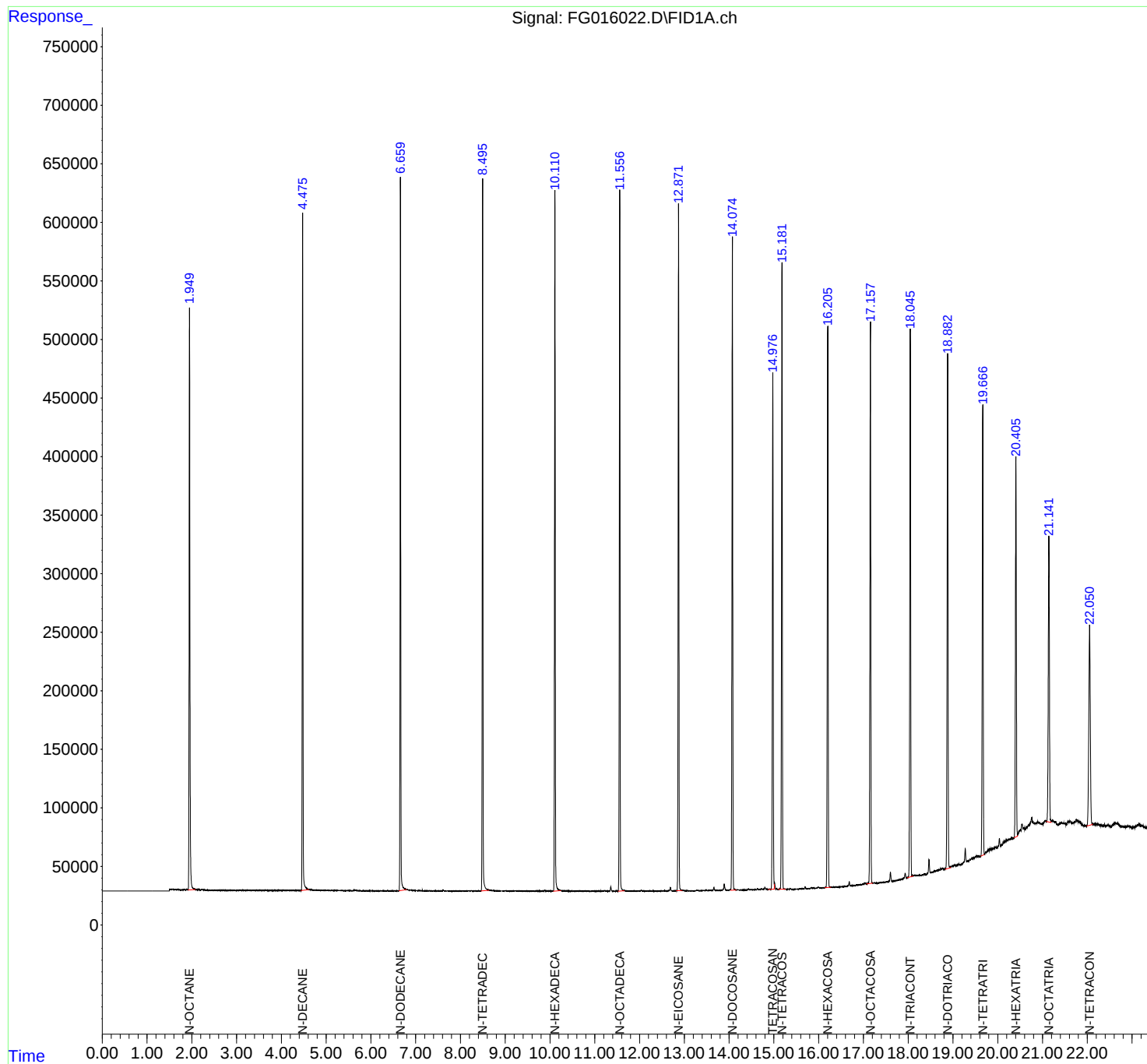
(m)=manual int.

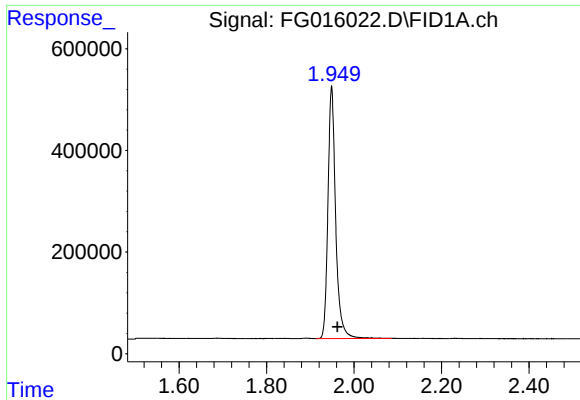
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

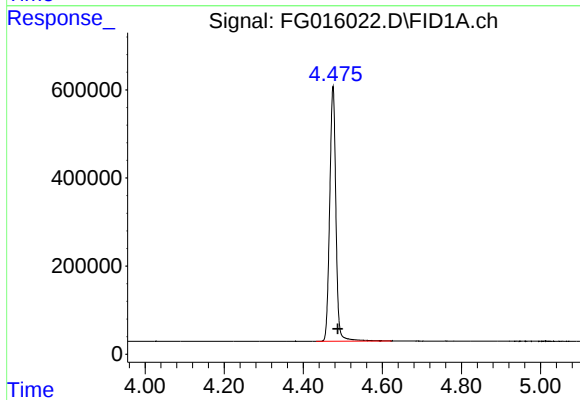




#1 N-OCTANE

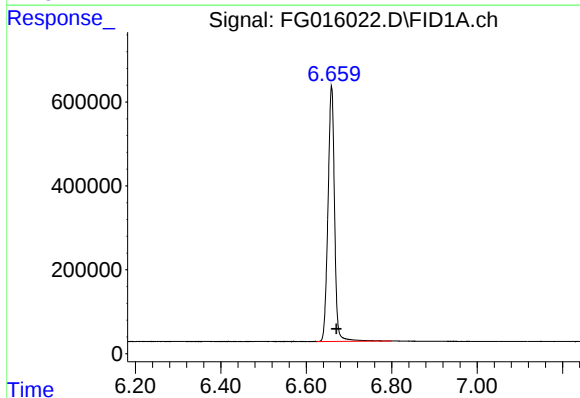
R.T.: 1.949 min
Delta R.T.: -0.013 min
Response: 6073843
Conc: 51.66 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



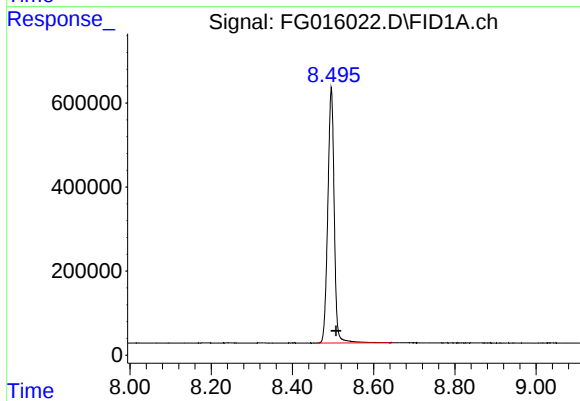
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 6298665
Conc: 53.61 ug/ml



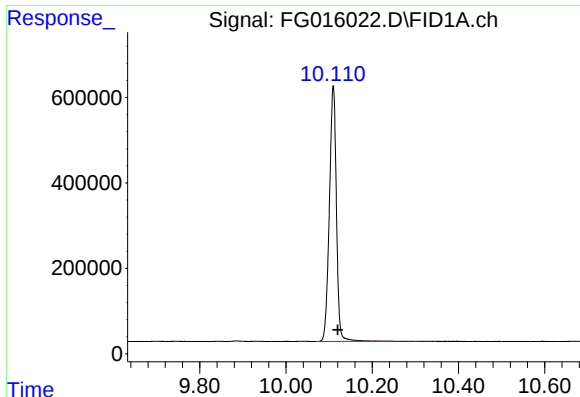
#3 N-DODECANE

R.T.: 6.659 min
Delta R.T.: -0.011 min
Response: 6474887
Conc: 53.35 ug/ml



#4 N-TETRADECANE

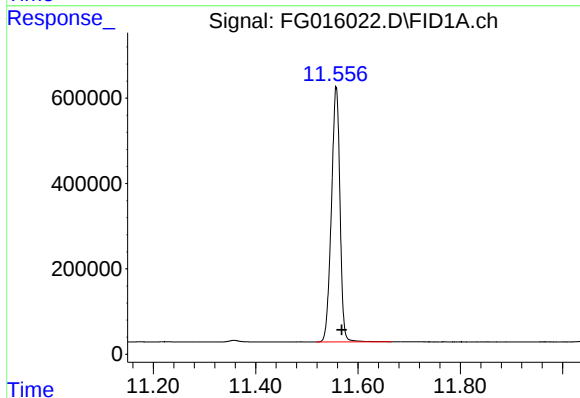
R.T.: 8.496 min
Delta R.T.: -0.011 min
Response: 6653763
Conc: 52.11 ug/ml



#5 N-HEXADECANE

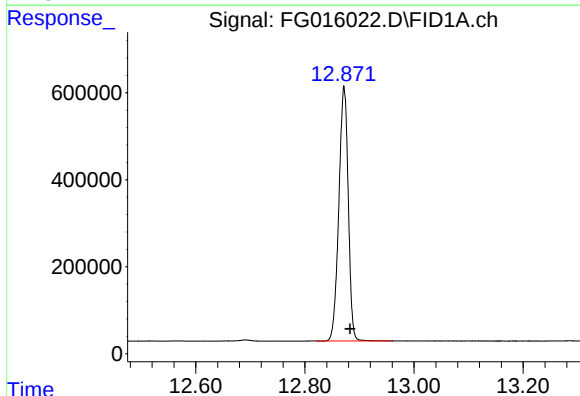
R.T.: 10.110 min
Delta R.T.: -0.010 min
Response: 6772484
Conc: 50.83 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



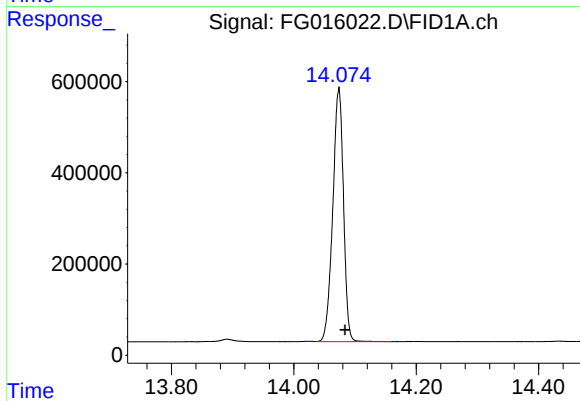
#6 N-OCTADECANE

R.T.: 11.557 min
Delta R.T.: -0.011 min
Response: 6933004
Conc: 50.24 ug/ml



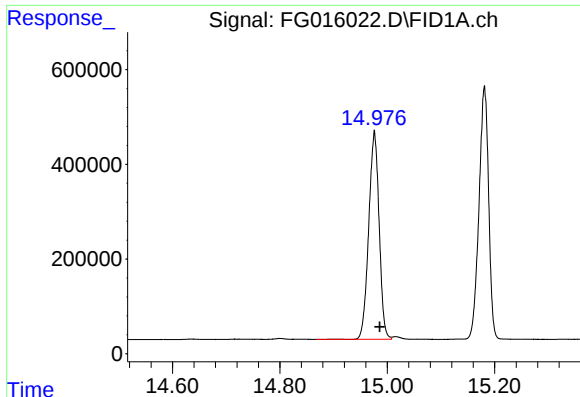
#7 N-EICOSANE

R.T.: 12.872 min
Delta R.T.: -0.011 min
Response: 6996768
Conc: 49.53 ug/ml



#8 N-DOCOSANE

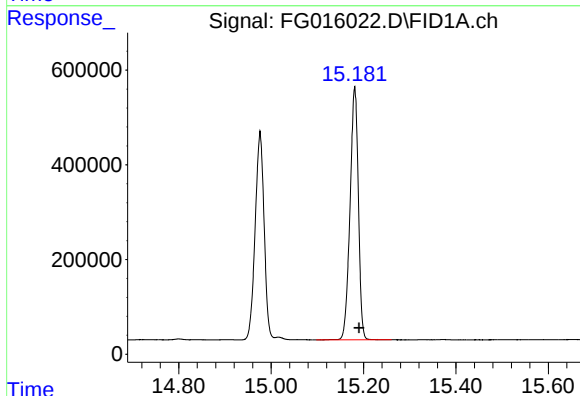
R.T.: 14.074 min
Delta R.T.: -0.010 min
Response: 6755868
Conc: 49.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

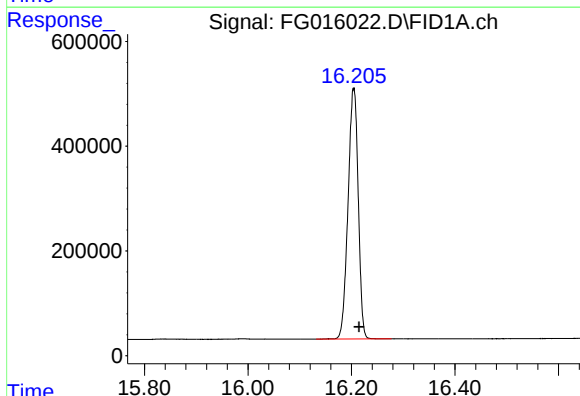
R.T.: 14.976 min
Delta R.T.: -0.010 min
Response: 5898744
Conc: 48.13 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



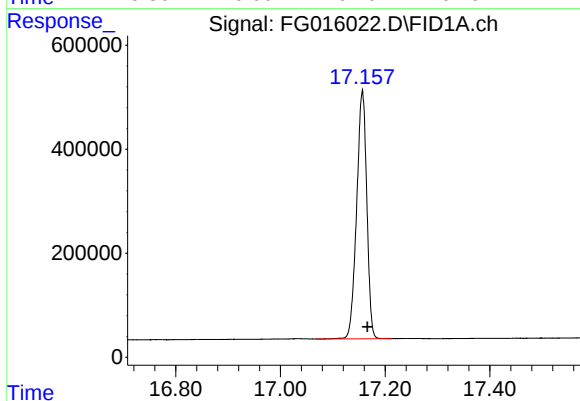
#10 N-TETRACOSANE

R.T.: 15.181 min
Delta R.T.: -0.009 min
Response: 6667691
Conc: 48.50 ug/ml



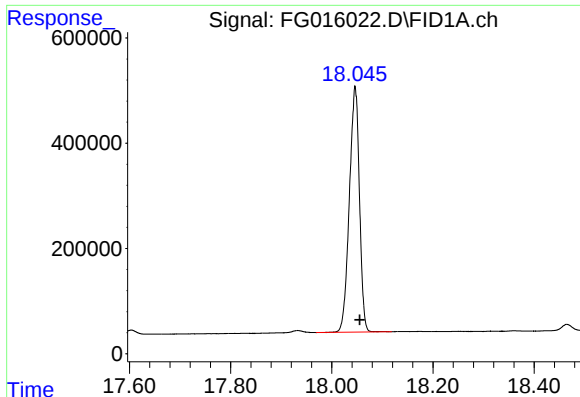
#11 N-HEXACOSANE

R.T.: 16.204 min
Delta R.T.: -0.010 min
Response: 6542216
Conc: 48.15 ug/ml



#12 N-OCTACOSANE

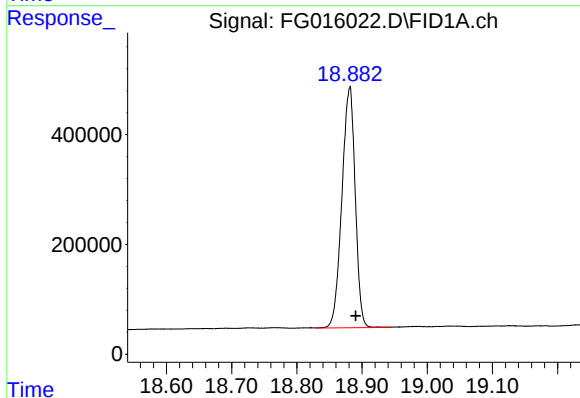
R.T.: 17.157 min
Delta R.T.: -0.010 min
Response: 6401691
Conc: 47.48 ug/ml



#13 N-TRIACONTANE

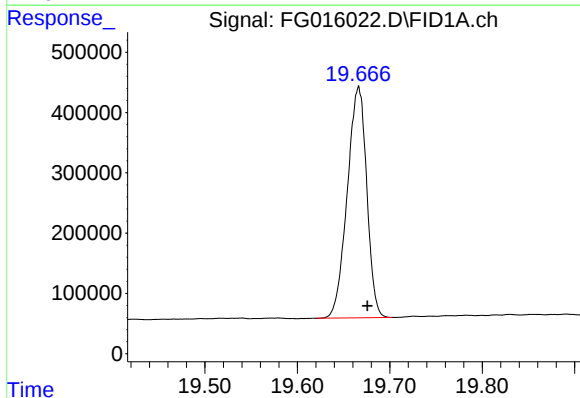
R.T.: 18.046 min
Delta R.T.: -0.009 min
Response: 6456274
Conc: 47.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



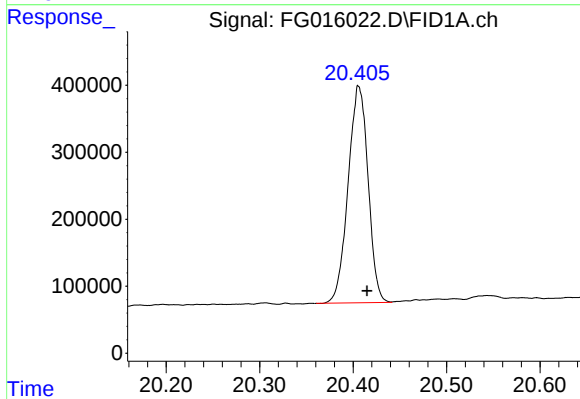
#14 N-DOTRIACONTANE

R.T.: 18.881 min
Delta R.T.: -0.009 min
Response: 6239964
Conc: 46.59 ug/ml



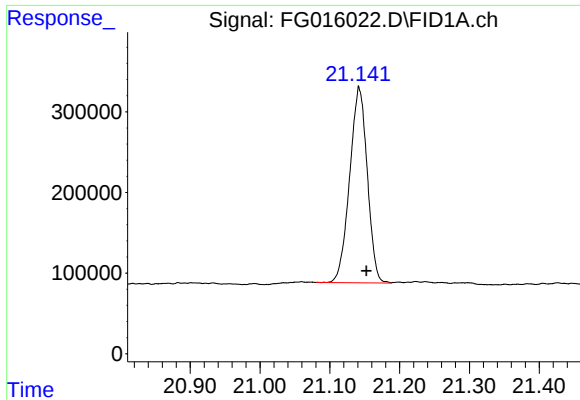
#15 N-TETRATRIACONTANE

R.T.: 19.666 min
Delta R.T.: -0.010 min
Response: 5607734
Conc: 46.24 ug/ml



#16 N-HEXATRIACONTANE

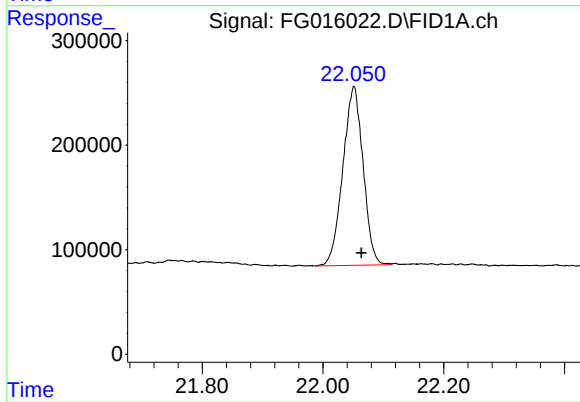
R.T.: 20.406 min
Delta R.T.: -0.009 min
Response: 4807284
Conc: 45.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.142 min
Delta R.T.: -0.010 min
Response: 4253506
Conc: 44.32 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.051 min
Delta R.T.: -0.012 min
Response: 3971926
Conc: 45.16 ug/ml