

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121124\
 Data File : FG014970.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 14:46
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 11 23:18:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG112024.M
 Quant Title :
 QLast Update : Thu Nov 21 02:41:43 2024
 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...	15.055	5723969	49.602 ug/ml
Target Compounds			
1) N-OCTANE	2.050	5918181	44.635 ug/ml
2) N-DECANE	4.571	6534952	48.973 ug/ml
3) N-DODECANE	6.745	6663083	48.426 ug/ml
4) N-TETRADECANE	8.578	6744858	50.593 ug/ml
5) N-HEXADECANE	10.191	6735029	50.042 ug/ml
6) N-OCTADECANE	11.638	6822521	49.696 ug/ml
7) N-EICOSANE	12.952	6818540	51.454 ug/ml
8) N-DOCOSANE	14.154	6518953	50.527 ug/ml
10) N-TETRACOSANE	15.261	6373033	50.325 ug/ml
11) N-HEXACOSANE	16.282	6263121	50.905 ug/ml
12) N-OCTACOSANE	17.234	6390965	52.827 ug/ml
13) N-TRIACONTANE	18.124	6568265	54.778 ug/ml
14) N-DOTRIACONTANE	18.958	6562386	56.418 ug/ml
15) N-TETRATRIACONTANE	19.743	6759457	67.016 ug/ml
16) N-HEXATRIACONTANE	20.485	9169898	113.077 ug/ml
17) N-OCTATRIACONTANE	21.179	125338	1.815 ug/ml
18) N-TETRACONTANE	22.096	168668	2.734 ug/ml

(f)=RT Delta > 1/2 Window

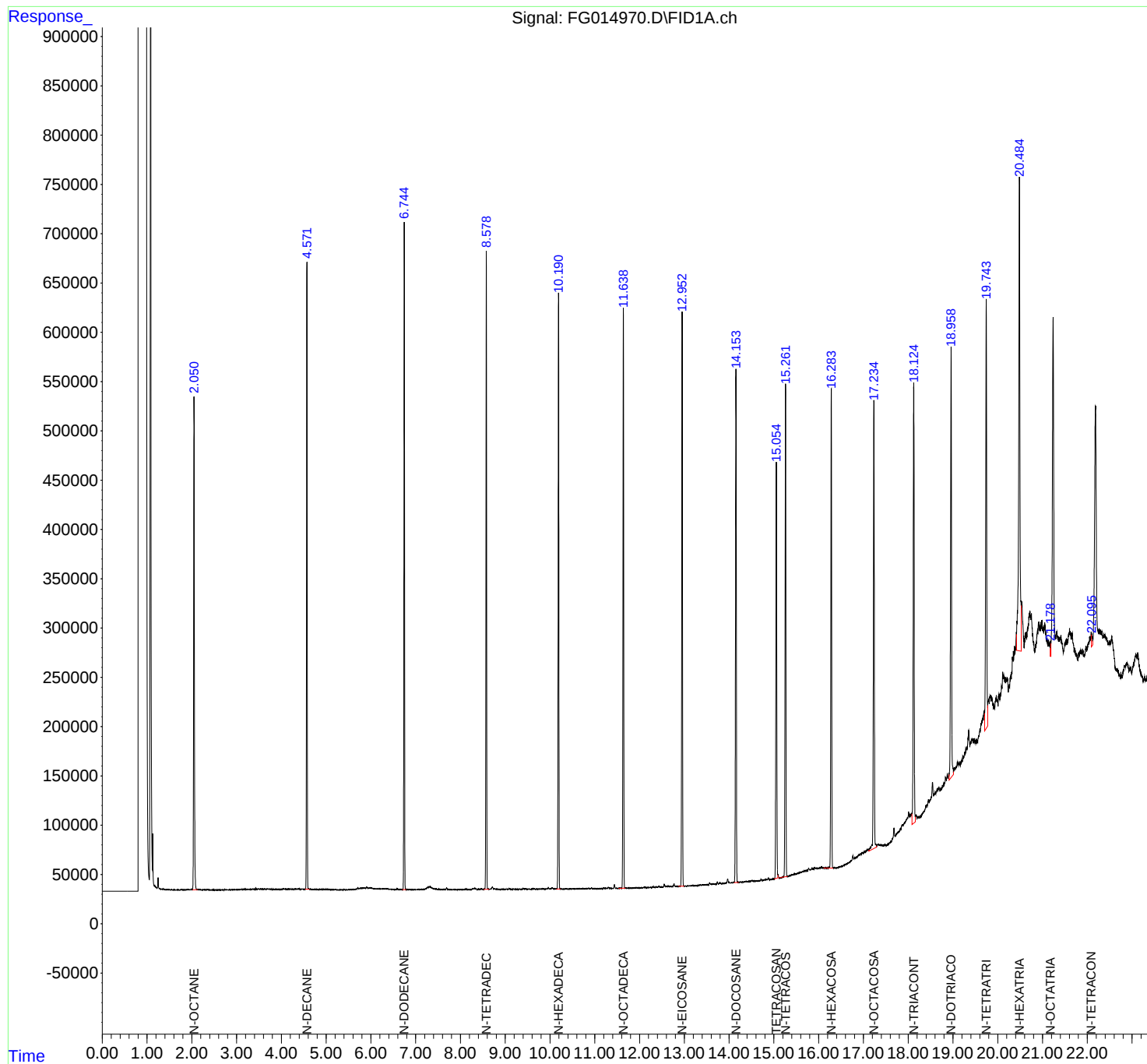
(m)=manual int.

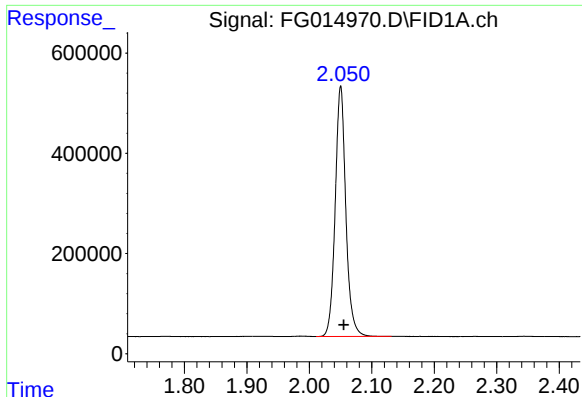
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

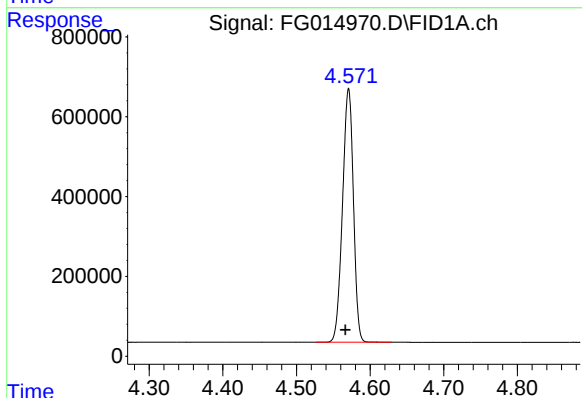




#1 N-OCTANE

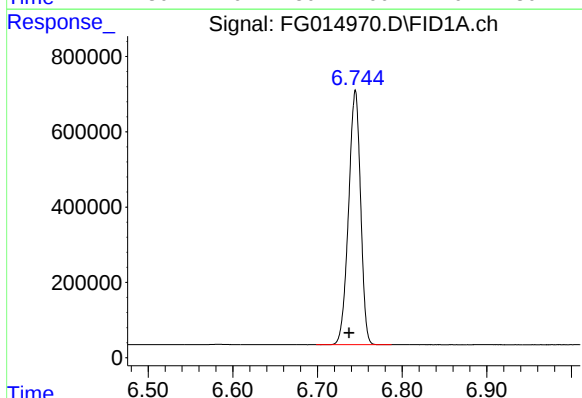
R.T.: 2.050 min
Delta R.T.: -0.005 min
Response: 5918181
Conc: 44.63 ug/ml

Instrument :
FID_G
ClientSampleId :



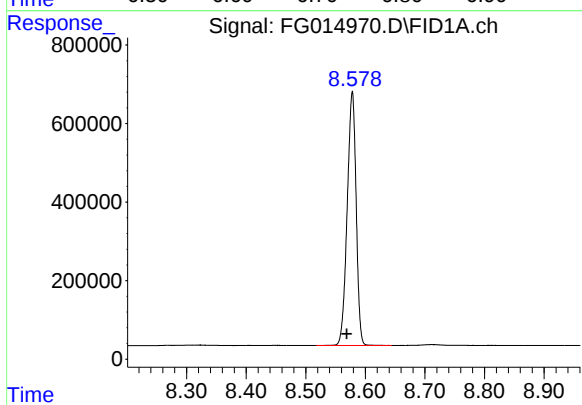
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 6534952
Conc: 48.97 ug/ml



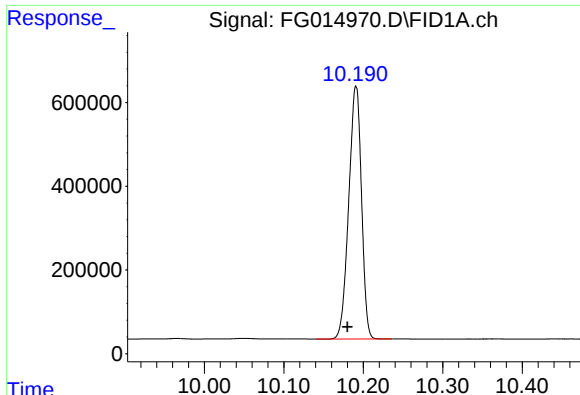
#3 N-DODECANE

R.T.: 6.745 min
Delta R.T.: 0.007 min
Response: 6663083
Conc: 48.43 ug/ml



#4 N-TETRADECANE

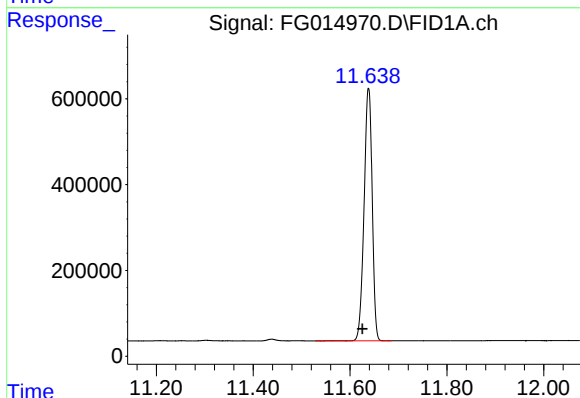
R.T.: 8.578 min
Delta R.T.: 0.009 min
Response: 6744858
Conc: 50.59 ug/ml



#5 N-HEXADECANE

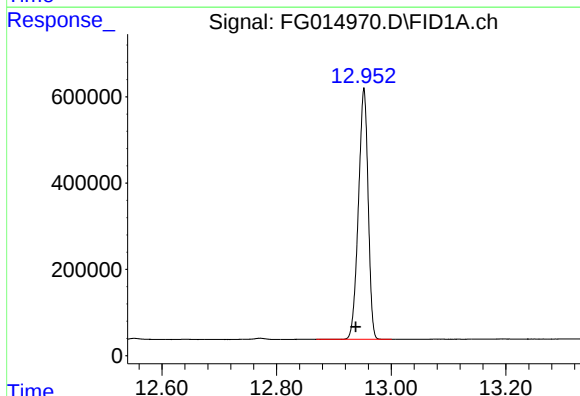
R.T.: 10.191 min
Delta R.T.: 0.011 min
Response: 6735029
Conc: 50.04 ug/ml

Instrument :
FID_G
ClientSampleId :



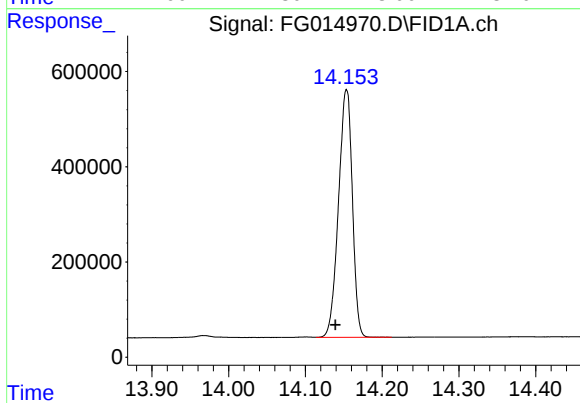
#6 N-OCTADECANE

R.T.: 11.638 min
Delta R.T.: 0.013 min
Response: 6822521
Conc: 49.70 ug/ml



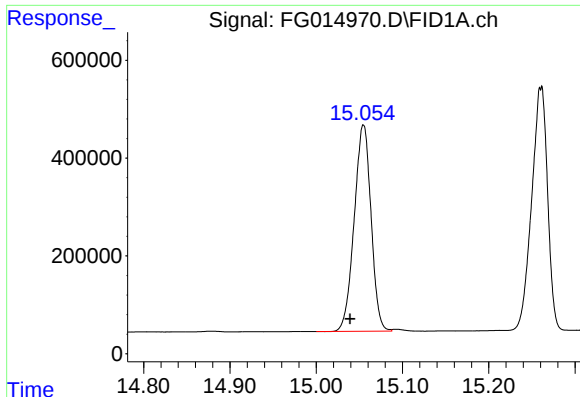
#7 N-EICOSANE

R.T.: 12.952 min
Delta R.T.: 0.014 min
Response: 6818540
Conc: 51.45 ug/ml



#8 N-DOCOSANE

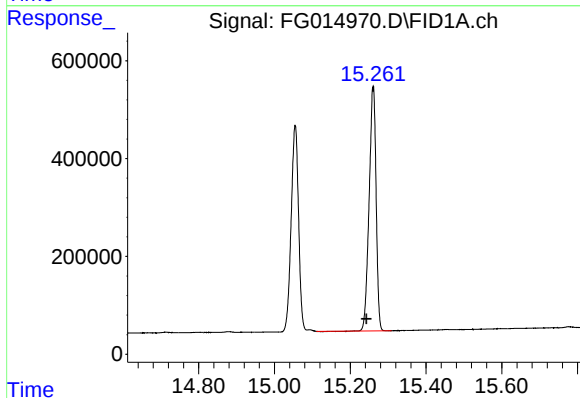
R.T.: 14.154 min
Delta R.T.: 0.015 min
Response: 6518953
Conc: 50.53 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

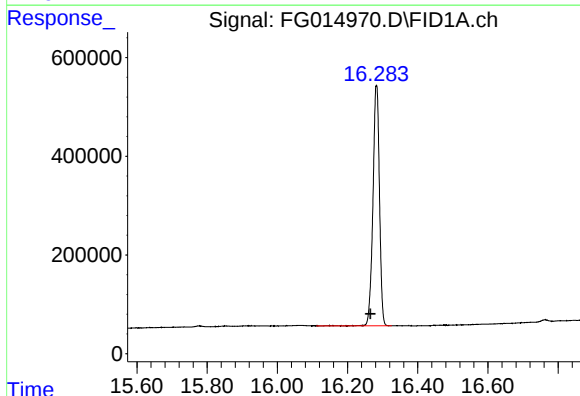
R.T.: 15.055 min
Delta R.T.: 0.015 min
Response: 5723969
Conc: 49.60 ug/ml

Instrument :
FID_G
ClientSampleId :



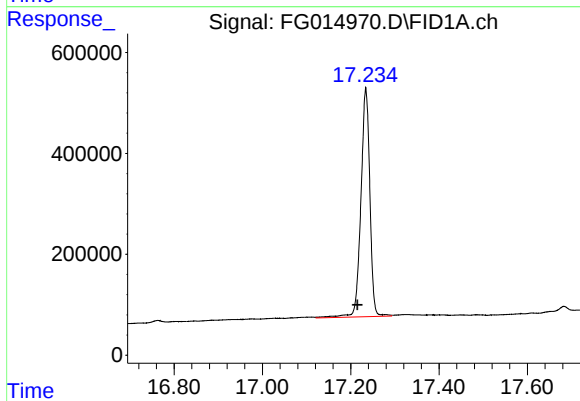
#10 N-TETRACOSANE

R.T.: 15.261 min
Delta R.T.: 0.017 min
Response: 6373033
Conc: 50.32 ug/ml



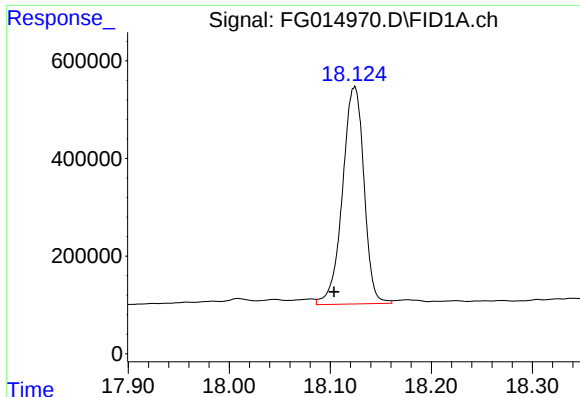
#11 N-HEXACOSANE

R.T.: 16.282 min
Delta R.T.: 0.017 min
Response: 6263121
Conc: 50.90 ug/ml



#12 N-OCTACOSANE

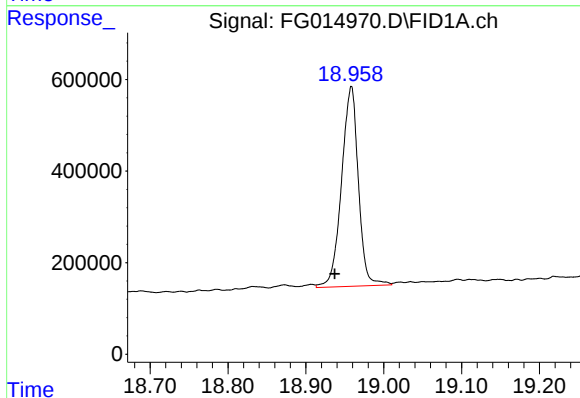
R.T.: 17.234 min
Delta R.T.: 0.019 min
Response: 6390965
Conc: 52.83 ug/ml



#13 N-TRIACONTANE

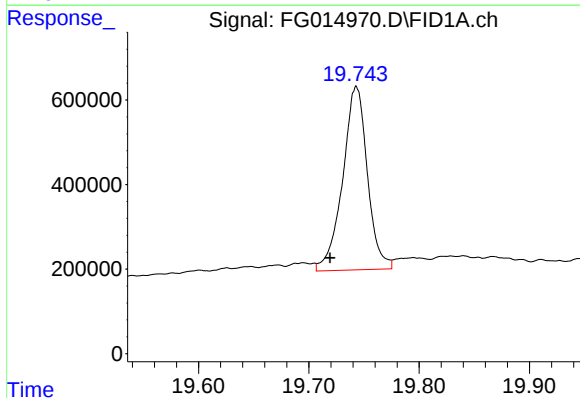
R.T.: 18.124 min
Delta R.T.: 0.020 min
Response: 6568265
Conc: 54.78 ug/ml

Instrument :
FID_G
ClientSampleId :



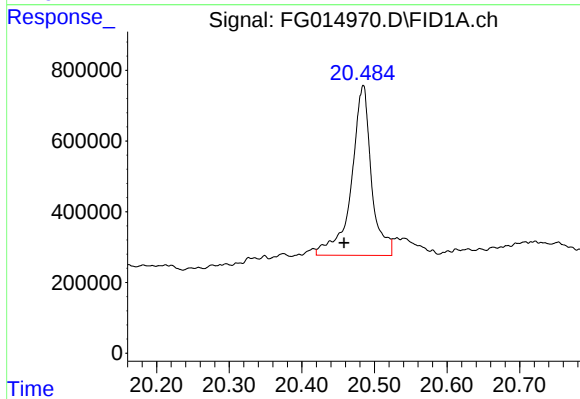
#14 N-DOTRIACONTANE

R.T.: 18.958 min
Delta R.T.: 0.021 min
Response: 6562386
Conc: 56.42 ug/ml



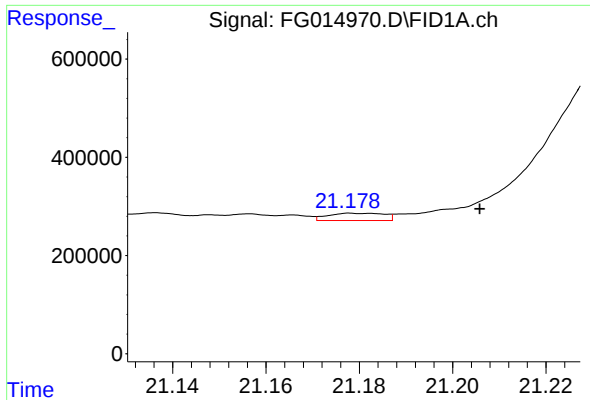
#15 N-TETRATRIACONTANE

R.T.: 19.743 min
Delta R.T.: 0.024 min
Response: 6759457
Conc: 67.02 ug/ml



#16 N-HEXATRIACONTANE

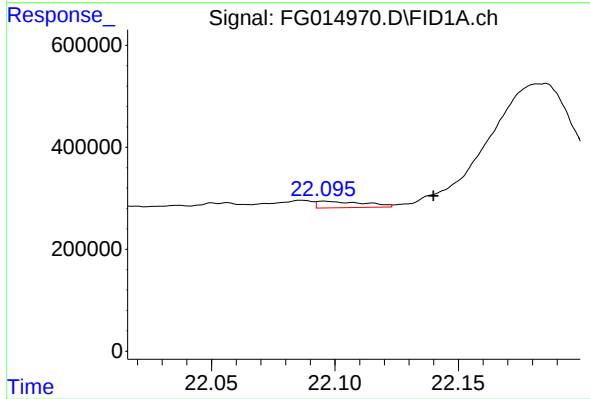
R.T.: 20.485 min
Delta R.T.: 0.027 min
Response: 9169898
Conc: 113.08 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.179 min
Delta R.T.: -0.027 min
Response: 125338
Conc: 1.81 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.096 min
Delta R.T.: -0.044 min
Response: 168668
Conc: 2.73 ug/ml