

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015157.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 03:31
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 24 04:08:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG011325.M
 Quant Title :
 QLast Update : Mon Jan 13 11:52:01 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...	15.045	2114173	16.482 ug/ml
Target Compounds			
1) N-OCTANE	2.009	515419	4.224 ug/ml
2) N-DECANE	4.541	572943	4.435 ug/ml
3) N-DODECANE	6.721	594107	4.361 ug/ml
4) N-TETRADECANE	8.557	606812	4.434 ug/ml
5) N-HEXADECANE	10.172	615596	4.362 ug/ml
6) N-OCTADECANE	11.621	627575	4.278 ug/ml
7) N-EICOSANE	12.936	628976	4.326 ug/ml
8) N-DOCOSANE	14.140	604875	4.216 ug/ml
10) N-TETRACOSANE	15.248	595272	4.168 ug/ml
11) N-HEXACOSANE	16.273	583137	4.140 ug/ml
12) N-OCTACOSANE	17.224	566270	4.044 ug/ml
13) N-TRIACONTANE	18.115	568115	3.993 ug/ml
14) N-DOTRIACONTANE	18.950	549779	3.956 ug/ml
15) N-TETRATRIACONTANE	19.736	508144	4.056 ug/ml
16) N-HEXATRIACONTANE	20.477	443982	4.109 ug/ml
17) N-OCTATRIACONTANE	21.227	400280	4.058 ug/ml
18) N-TETRACONTANE	22.164	354033	3.813 ug/ml

(f)=RT Delta > 1/2 Window

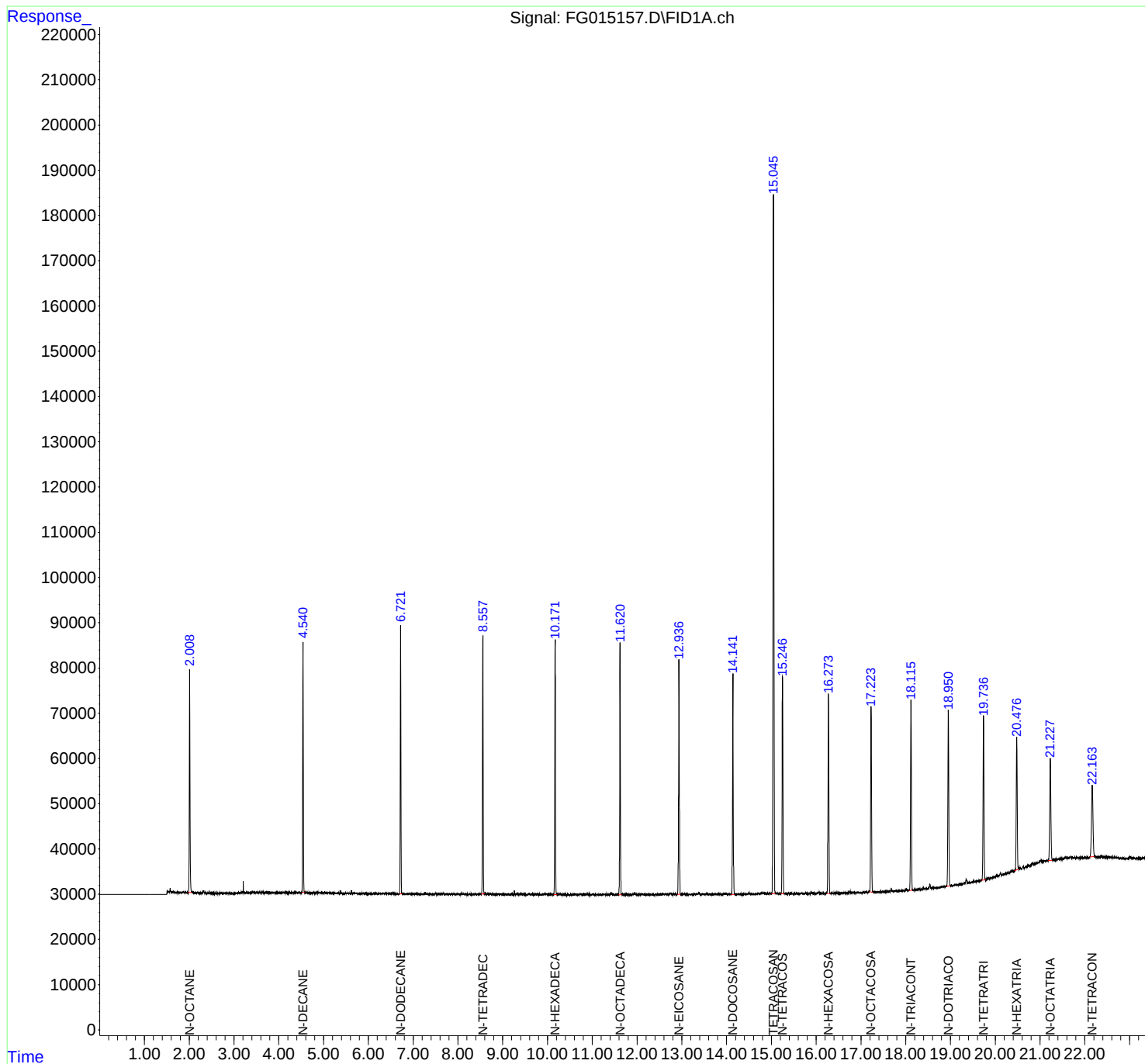
(m)=manual int.

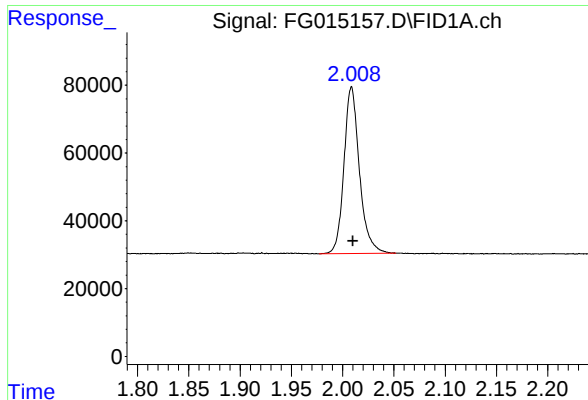
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Response via : Initial Calibration
Integrator: ChemStation

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

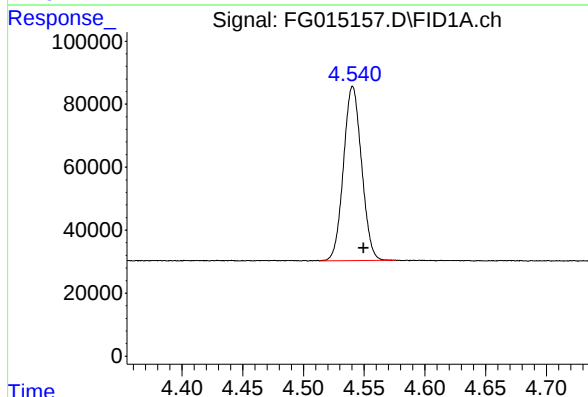




#1 N-OCTANE

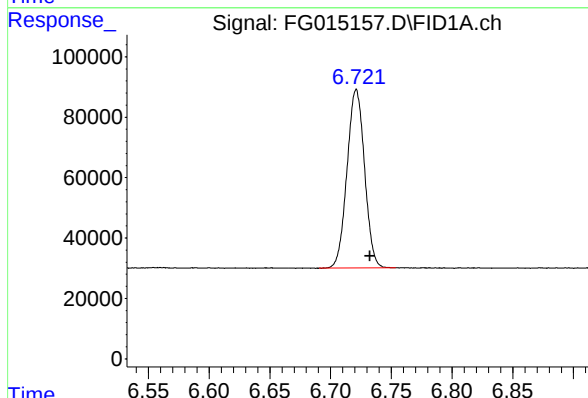
R.T.: 2.009 min
Delta R.T.: -0.001 min
Response: 515419
Conc: 4.22 ug/ml

Instrument :
FID_G
ClientSampleId :



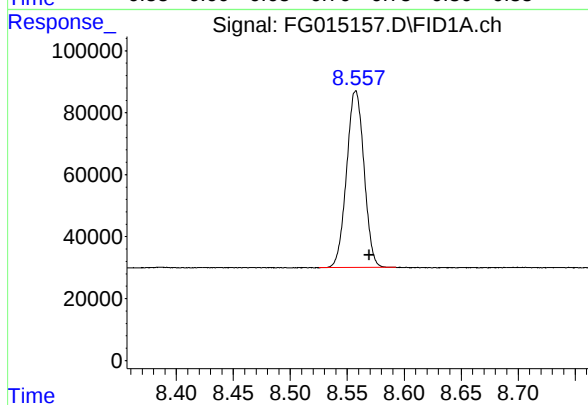
#2 N-DECANE

R.T.: 4.541 min
Delta R.T.: -0.009 min
Response: 572943
Conc: 4.44 ug/ml



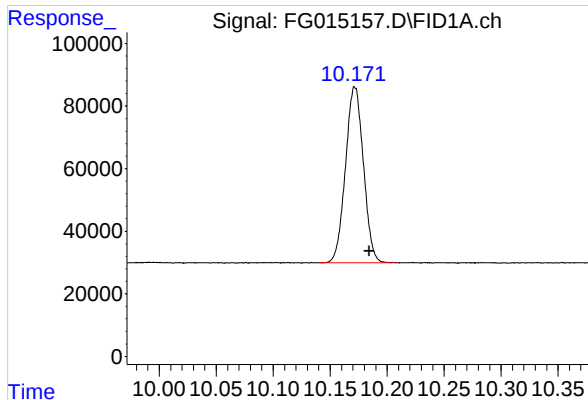
#3 N-DODECANE

R.T.: 6.721 min
Delta R.T.: -0.011 min
Response: 594107
Conc: 4.36 ug/ml



#4 N-TETRADECANE

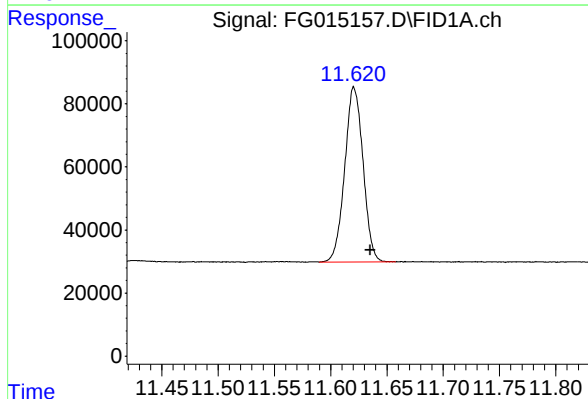
R.T.: 8.557 min
Delta R.T.: -0.012 min
Response: 606812
Conc: 4.43 ug/ml



#5 N-HEXADECANE

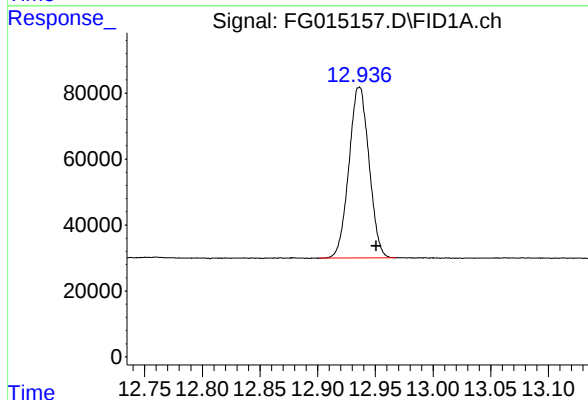
R.T.: 10.172 min
Delta R.T.: -0.013 min
Response: 615596
Conc: 4.36 ug/ml

Instrument :
FID_G
ClientSampleId :



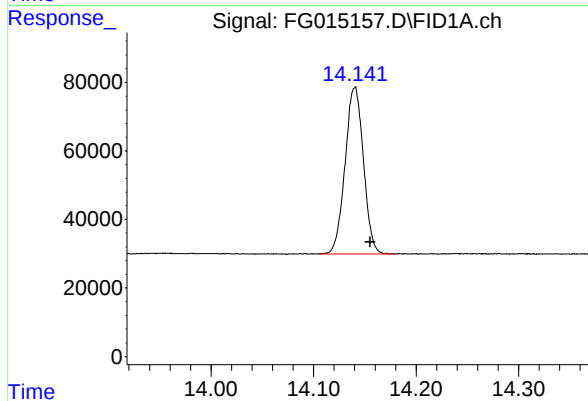
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: -0.014 min
Response: 627575
Conc: 4.28 ug/ml



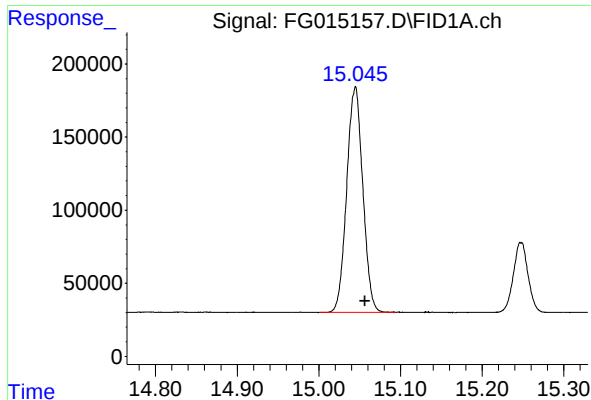
#7 N-EICOSANE

R.T.: 12.936 min
Delta R.T.: -0.015 min
Response: 628976
Conc: 4.33 ug/ml



#8 N-DOCOSANE

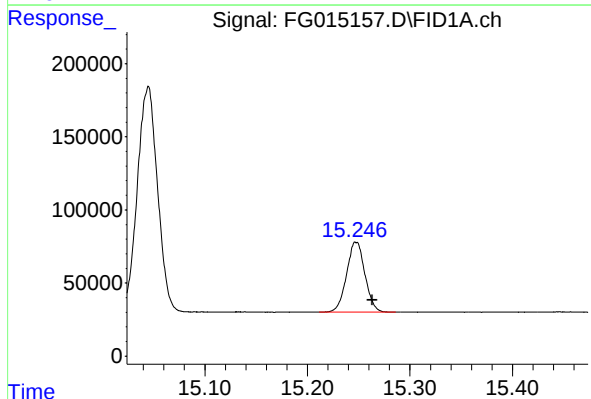
R.T.: 14.140 min
Delta R.T.: -0.015 min
Response: 604875
Conc: 4.22 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

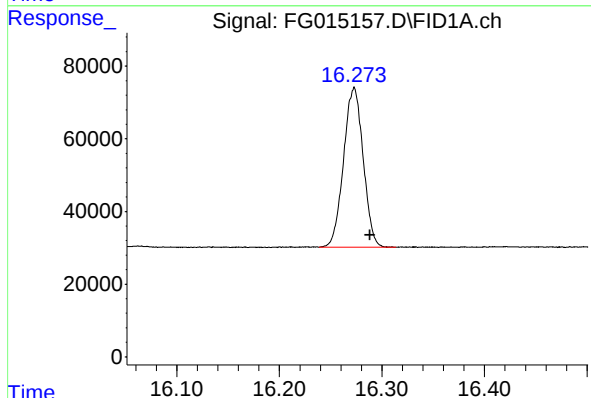
R.T.: 15.045 min
Delta R.T.: -0.011 min
Response: 2114173
Conc: 16.48 ug/ml

Instrument :
FID_G
ClientSampleId :



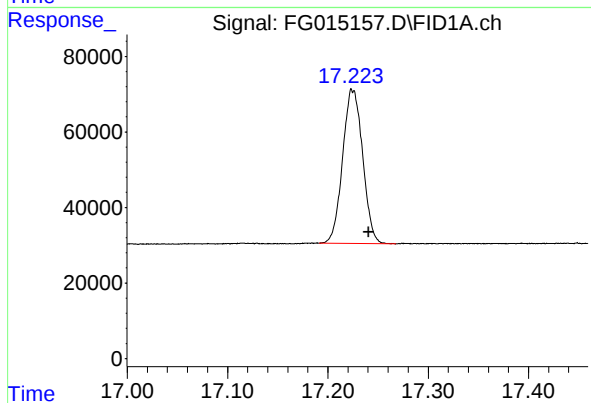
#10 N-TETRACOSANE

R.T.: 15.248 min
Delta R.T.: -0.016 min
Response: 595272
Conc: 4.17 ug/ml



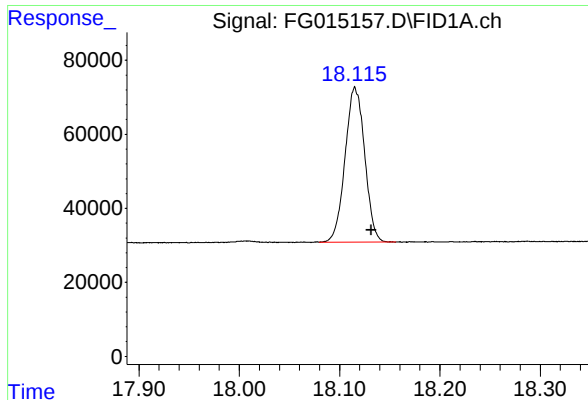
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.015 min
Response: 583137
Conc: 4.14 ug/ml



#12 N-OCTACOSANE

R.T.: 17.224 min
Delta R.T.: -0.016 min
Response: 566270
Conc: 4.04 ug/ml



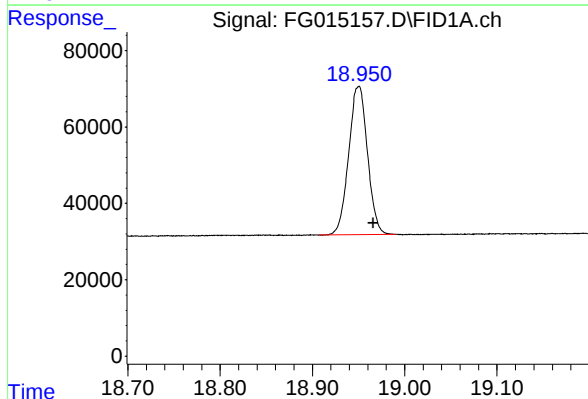
#13 N-TRIACONTANE

R.T.: 18.115 min
Delta R.T.: -0.016 min
Response: 568115
Conc: 3.99 ug/ml

Instrument :

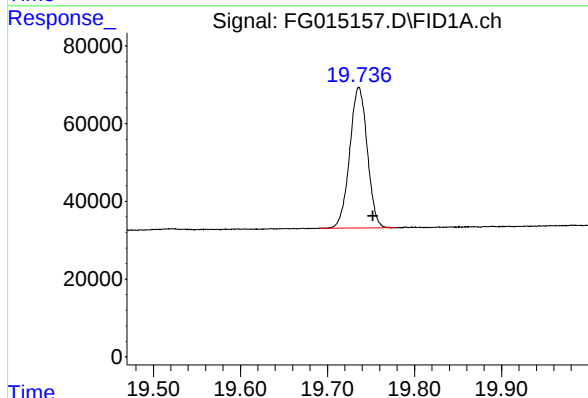
FID_G

ClientSampleId :



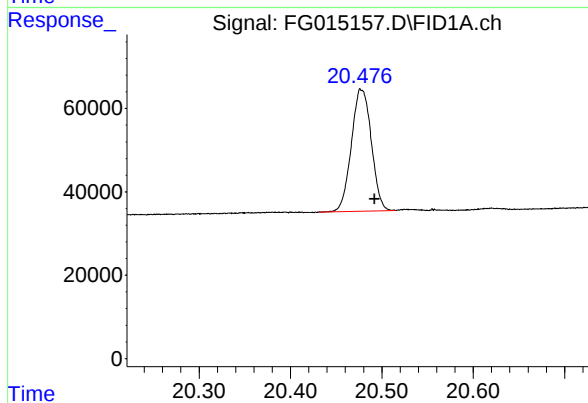
#14 N-DOTRIACONTANE

R.T.: 18.950 min
Delta R.T.: -0.016 min
Response: 549779
Conc: 3.96 ug/ml



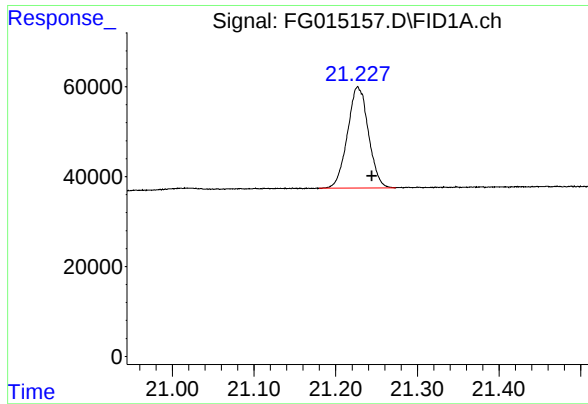
#15 N-TETRATRIACONTANE

R.T.: 19.736 min
Delta R.T.: -0.016 min
Response: 508144
Conc: 4.06 ug/ml



#16 N-HEXATRIACONTANE

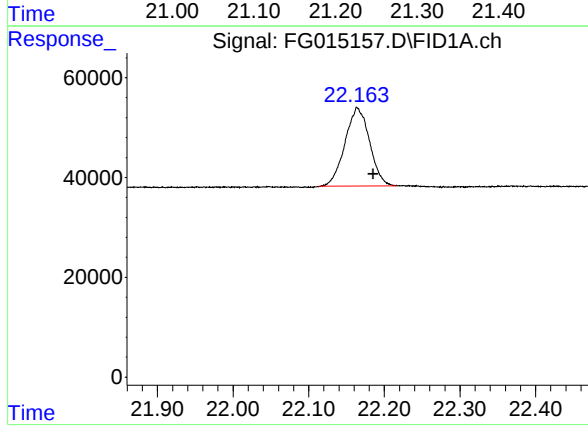
R.T.: 20.477 min
Delta R.T.: -0.015 min
Response: 443982
Conc: 4.11 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.227 min
Delta R.T.: -0.017 min
Response: 400280
Conc: 4.06 ug/ml

Instrument :
FID_G
ClientSampleId :



#18 N-TETRACONTANE

R.T.: 22.164 min
Delta R.T.: -0.021 min
Response: 354033
Conc: 3.81 ug/ml