

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020224\
 Data File : FG013423.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2024 11:17
 Operator : YP\AJ
 Sample : P1187-11
 Misc : TPH GC LOQ 5 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT1-2024

Integration File: autoint1.e
 Quant Time: Feb 05 05:03:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG020124.M
 Quant Title :
 QLast Update : Thu Feb 01 14:07:32 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...	15.068	2341388	20.913 ug/ml
Target Compounds			
1) N-OCTANE	2.059	583982	4.931 ug/ml
2) N-DECANE	4.582	674625	5.671 ug/ml
3) N-DODECANE	6.752	706432	5.730 ug/ml
4) N-TETRADECANE	8.585	696332	5.763 ug/ml
5) N-HEXADECANE	10.198	717468	5.800 ug/ml
6) N-OCTADECANE	11.646	746910	5.821 ug/ml
7) N-EICOSANE	12.960	742757	5.906 ug/ml
8) N-DOCOSANE	14.163	732615	5.920 ug/ml
10) N-TETRACOSANE	15.270	724992	5.932 ug/ml
11) N-HEXACOSANE	16.296	705383	5.938 ug/ml
12) N-OCTACOSANE	17.250	691353	6.006 ug/ml
13) N-TRIACONTANE	18.139	693197	6.211 ug/ml
14) N-DOTRIACONTANE	18.975	678732	6.497 ug/ml
15) N-TETRATRIACONTANE	19.764	610668	7.330 ug/ml
16) N-HEXATRIACONTANE	20.505	505082	8.019 ug/ml
17) N-OCTATRIACONTANE	21.258	434482	7.923 ug/ml
18) N-TETRACONTANE	22.203	390244	7.451 ug/ml

(f)=RT Delta > 1/2 Window

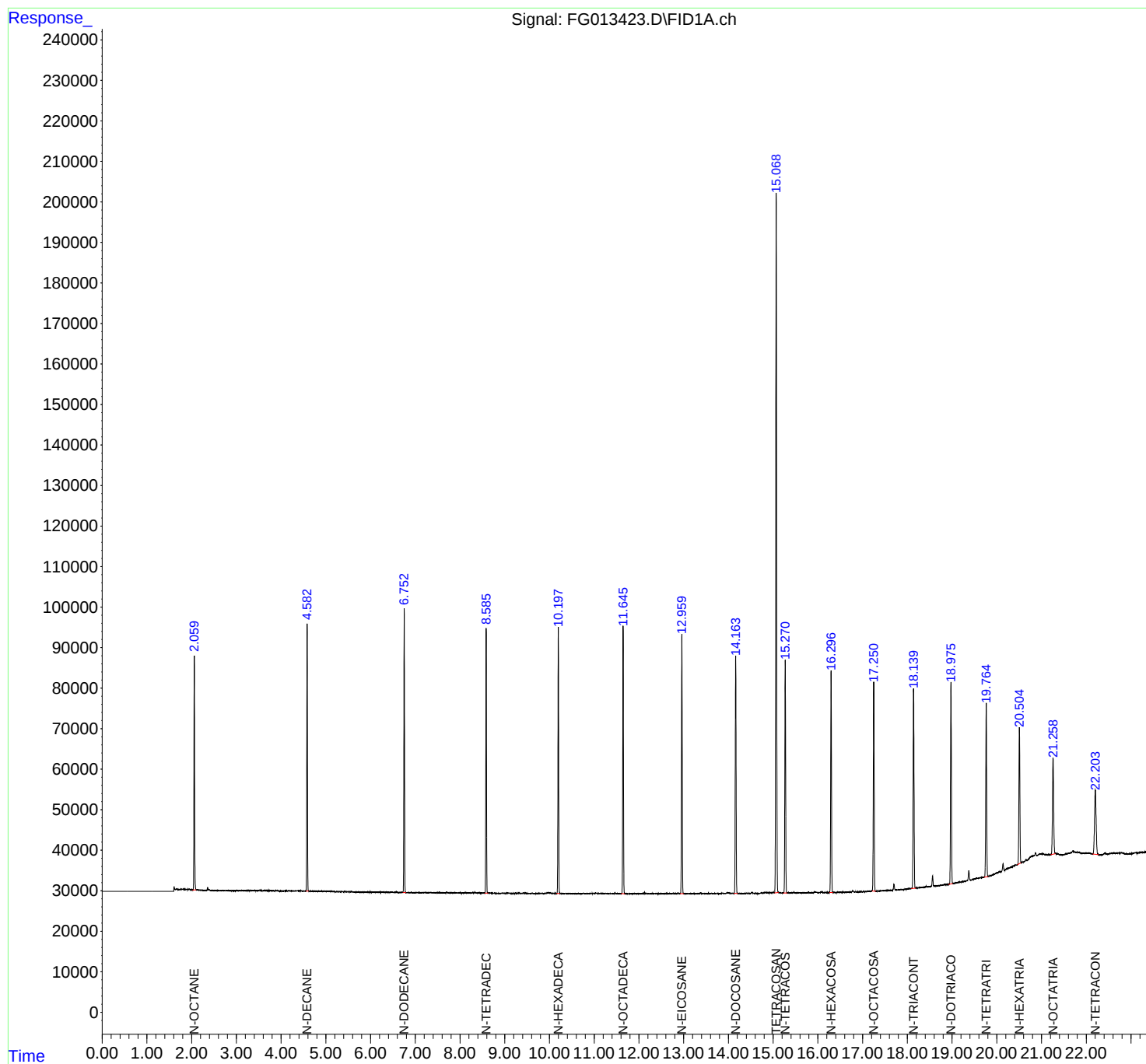
(m)=manual int.

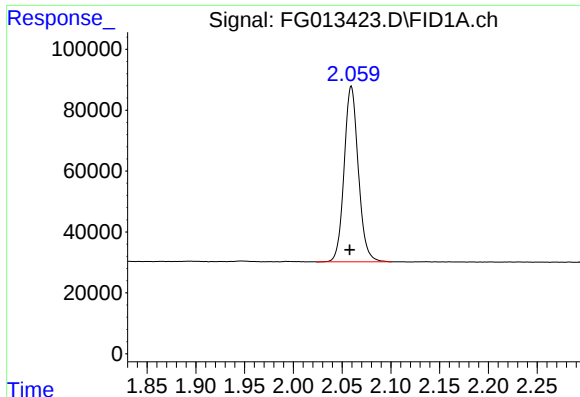
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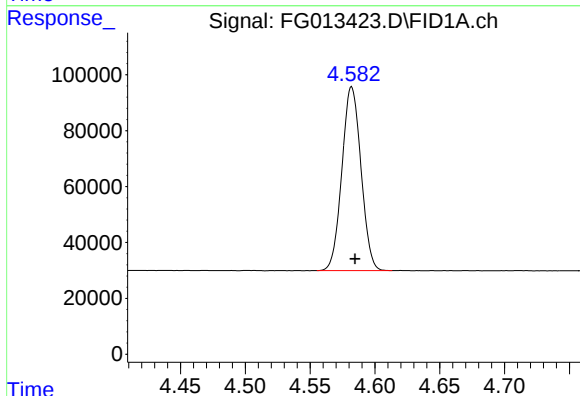




#1 N-OCTANE

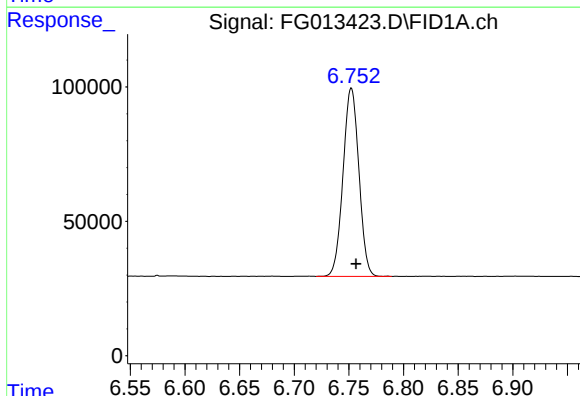
R.T.: 2.059 min
Delta R.T.: 0.001 min
Response: 583982
Conc: 4.93 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2024



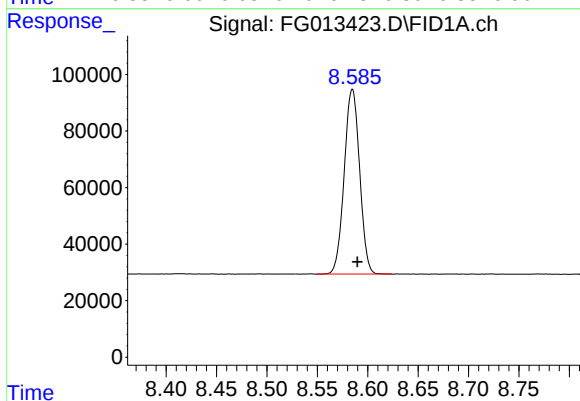
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: -0.003 min
Response: 674625
Conc: 5.67 ug/ml



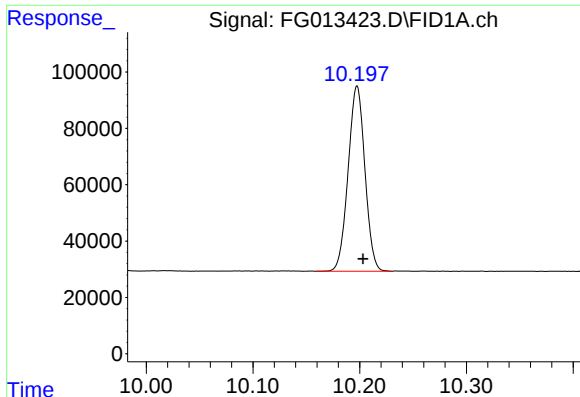
#3 N-DODECANE

R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 706432
Conc: 5.73 ug/ml



#4 N-TETRADECANE

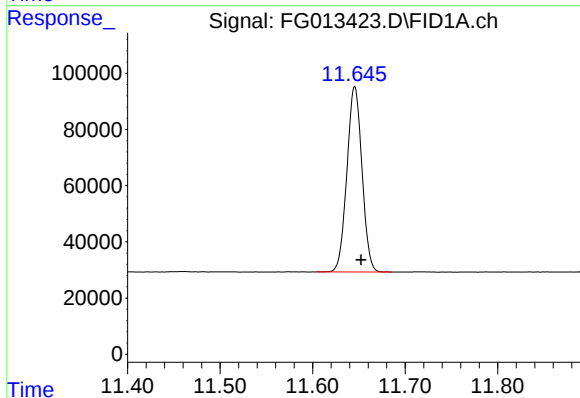
R.T.: 8.585 min
Delta R.T.: -0.005 min
Response: 696332
Conc: 5.76 ug/ml



#5 N-HEXADECANE

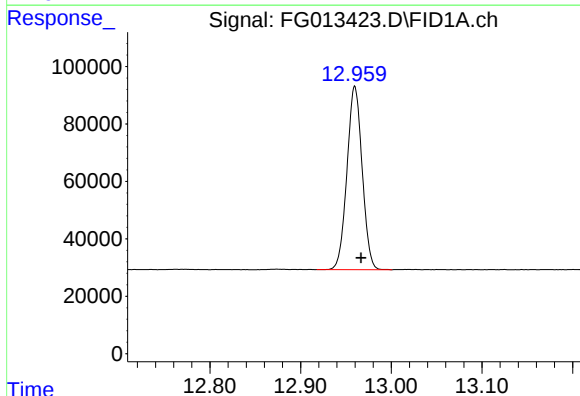
R.T.: 10.198 min
Delta R.T.: -0.006 min
Response: 717468
Conc: 5.80 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2024



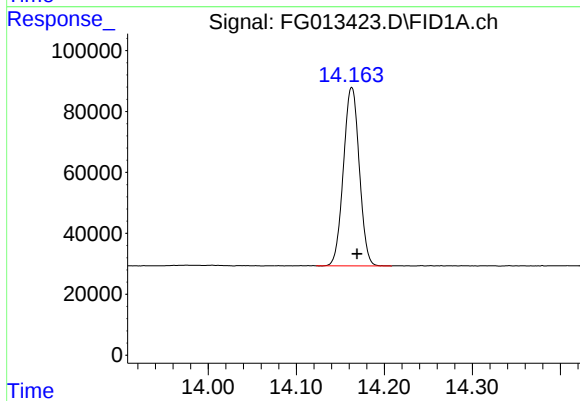
#6 N-OCTADECANE

R.T.: 11.646 min
Delta R.T.: -0.007 min
Response: 746910
Conc: 5.82 ug/ml



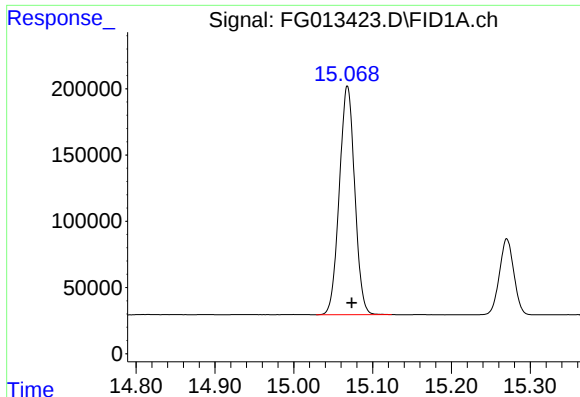
#7 N-EICOSANE

R.T.: 12.960 min
Delta R.T.: -0.007 min
Response: 742757
Conc: 5.91 ug/ml



#8 N-DOCOSANE

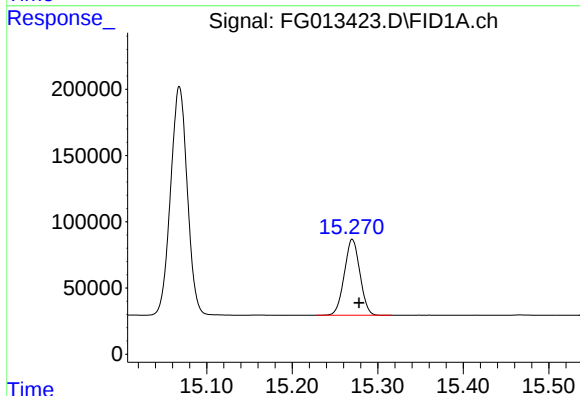
R.T.: 14.163 min
Delta R.T.: -0.006 min
Response: 732615
Conc: 5.92 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

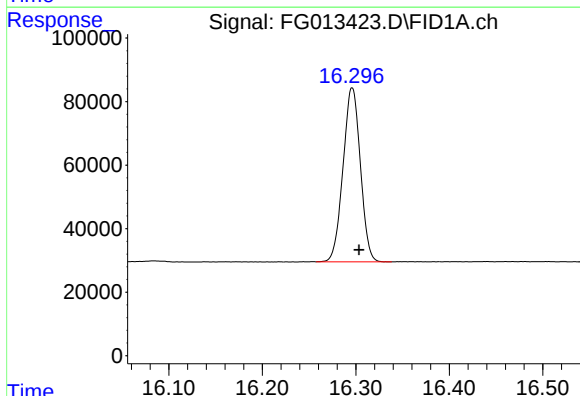
R.T.: 15.068 min
Delta R.T.: -0.005 min
Response: 2341388
Conc: 20.91 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2024



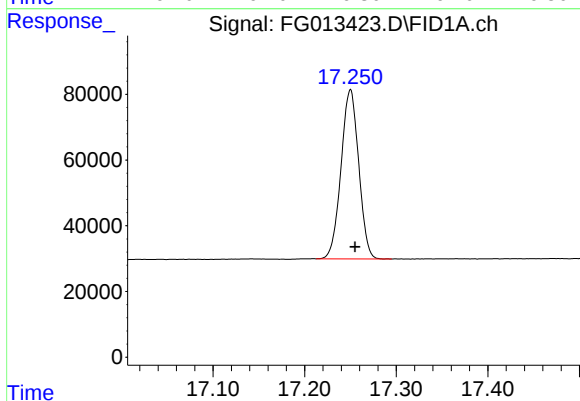
#10 N-TETRACOSANE

R.T.: 15.270 min
Delta R.T.: -0.008 min
Response: 724992
Conc: 5.93 ug/ml



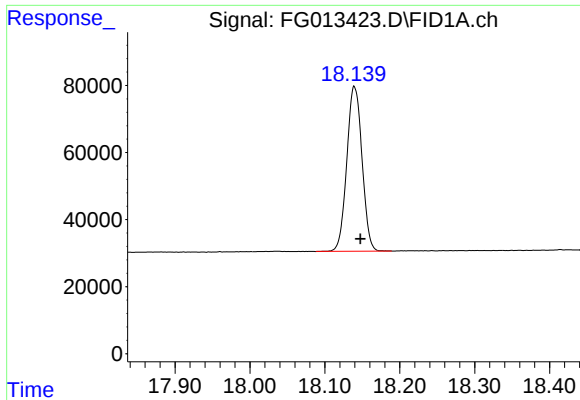
#11 N-HEXACOSANE

R.T.: 16.296 min
Delta R.T.: -0.007 min
Response: 705383
Conc: 5.94 ug/ml



#12 N-OCTACOSANE

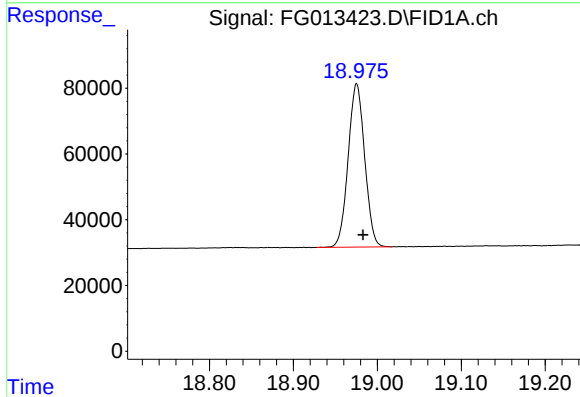
R.T.: 17.250 min
Delta R.T.: -0.005 min
Response: 691353
Conc: 6.01 ug/ml



#13 N-TRIACONTANE

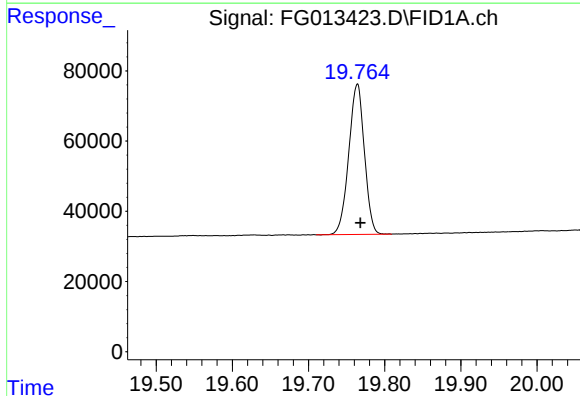
R.T.: 18.139 min
Delta R.T.: -0.008 min
Response: 693197
Conc: 6.21 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2024



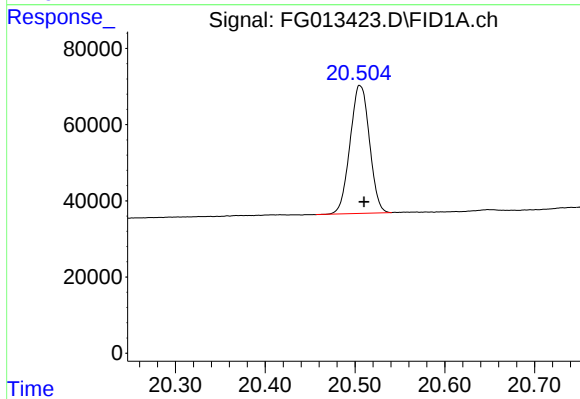
#14 N-DOTRIACONTANE

R.T.: 18.975 min
Delta R.T.: -0.008 min
Response: 678732
Conc: 6.50 ug/ml



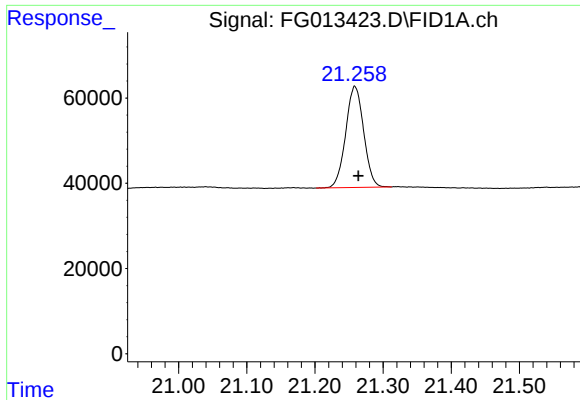
#15 N-TETRATRIACONTANE

R.T.: 19.764 min
Delta R.T.: -0.004 min
Response: 610668
Conc: 7.33 ug/ml



#16 N-HEXATRIACONTANE

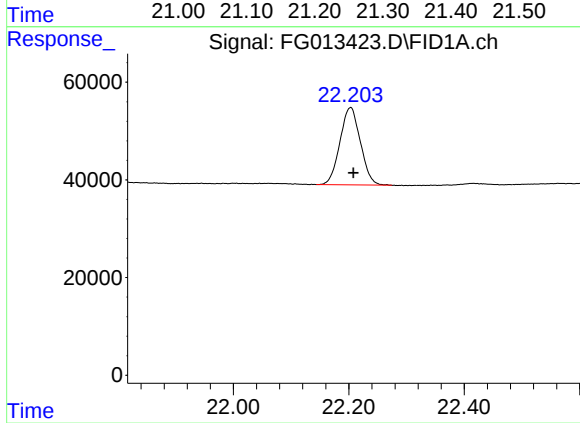
R.T.: 20.505 min
Delta R.T.: -0.005 min
Response: 505082
Conc: 8.02 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.258 min
Delta R.T.: -0.006 min
Response: 434482
Conc: 7.92 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2024



#18 N-TETRACONTANE

R.T.: 22.203 min
Delta R.T.: -0.005 min
Response: 390244
Conc: 7.45 ug/ml