

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG040823\
 Data File : FG011752.D
 Signal(s) : FID1A.ch
 Acq On : 07 Apr 2023 23:25
 Operator : YP\AJ
 Sample : 02213-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 04:18:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG031523.M
 Quant Title :
 QLast Update : Wed Mar 15 18:43:49 2023
 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...	15.049	2121138	21.074 ug/ml
Target Compounds			
1) N-OCTANE	2.049	674431	5.731 ug/ml
2) N-DECANE	4.569	795943	6.586 ug/ml
3) N-DODECANE	6.741	789584	6.471 ug/ml
4) N-TETRADECANE	8.572	745143	6.123 ug/ml
5) N-HEXADECANE	10.183	771132	6.254 ug/ml
6) N-OCTADECANE	11.630	755159	6.183 ug/ml
7) N-EICOSANE	12.943	735149	6.118 ug/ml
8) N-DOCOSANE	14.145	694716	6.056 ug/ml
10) N-TETRACOSANE	15.252	705054	6.242 ug/ml
11) N-HEXACOSANE	16.276	674360	6.245 ug/ml
12) N-OCTACOSANE	17.229	672514	6.486 ug/ml
13) N-TRIACONTANE	18.119	697066	7.034 ug/ml
14) N-DOTRIACONTANE	18.954	703845	7.589 ug/ml
15) N-TETRATRIACONTANE	19.741	660044	7.829 ug/ml
16) N-HEXATRIACONTANE	20.482	590750	7.674 ug/ml
17) N-OCTATRIACONTANE	21.231	569198	7.560 ug/ml
18) N-TETRACONTANE	22.169	570796	7.777 ug/ml

(f)=RT Delta > 1/2 Window

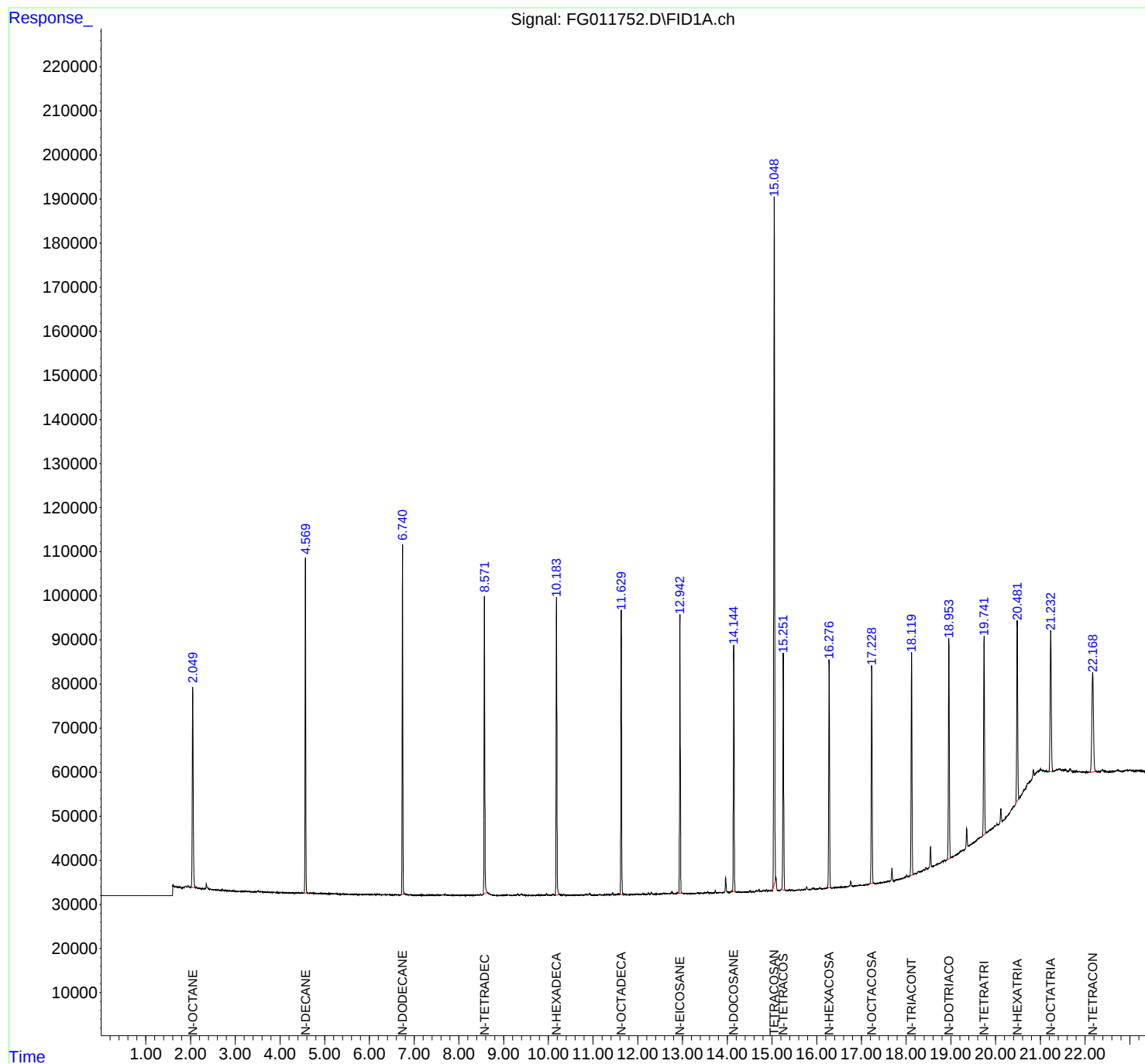
(m)=manual int.

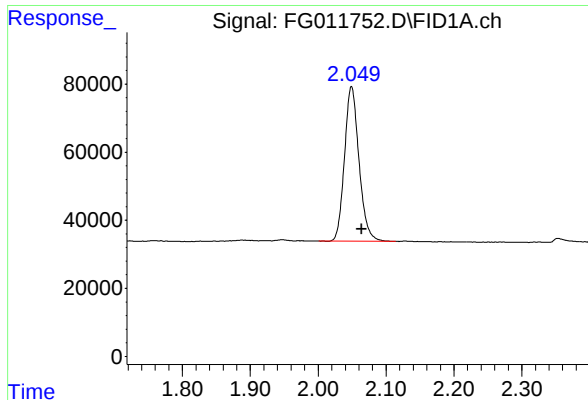
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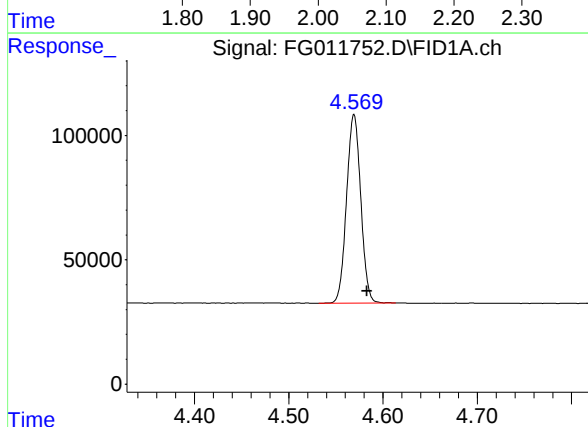




#1 N-OCTANE

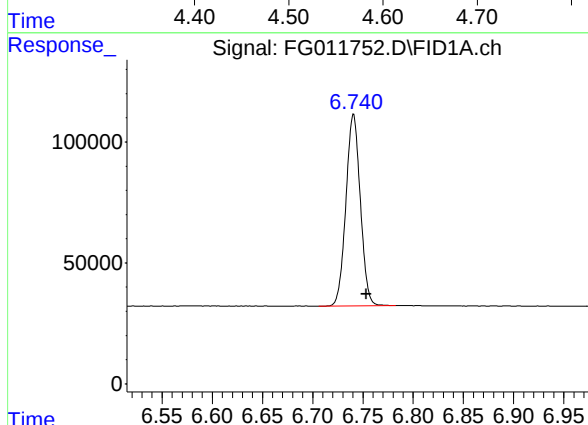
R.T.: 2.049 min
Delta R.T.: -0.015 min
Response: 674431
Conc: 5.73 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2023



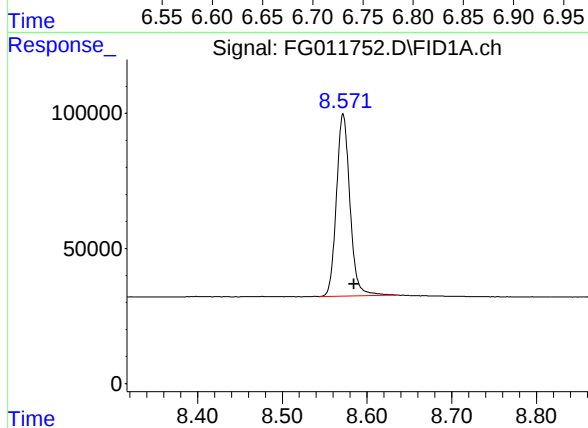
#2 N-DECANE

R.T.: 4.569 min
Delta R.T.: -0.014 min
Response: 795943
Conc: 6.59 ug/ml



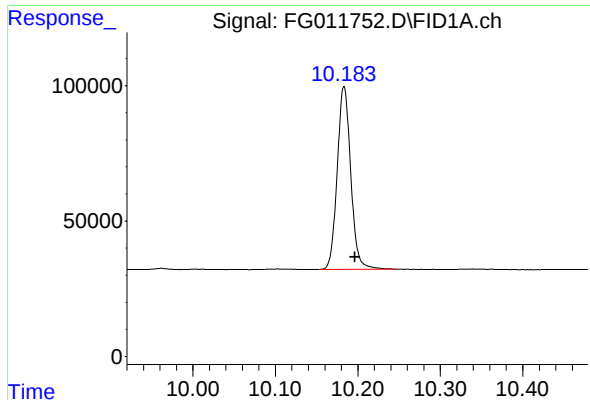
#3 N-DODECANE

R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 789584
Conc: 6.47 ug/ml



#4 N-TETRADECANE

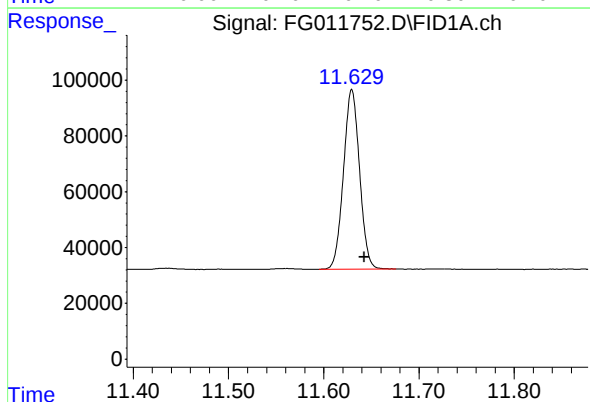
R.T.: 8.572 min
Delta R.T.: -0.013 min
Response: 745143
Conc: 6.12 ug/ml



#5 N-HEXADECANE

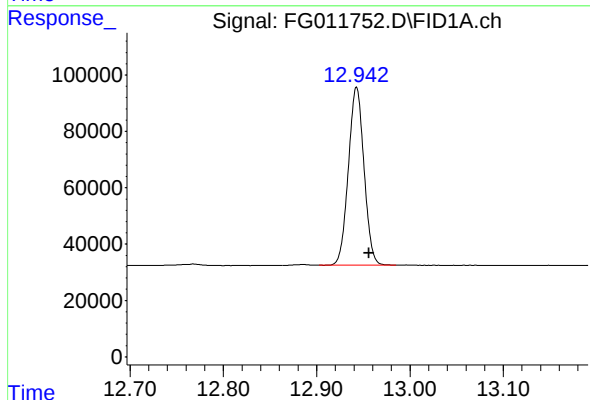
R.T.: 10.183 min
Delta R.T.: -0.013 min
Response: 771132
Conc: 6.25 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2023



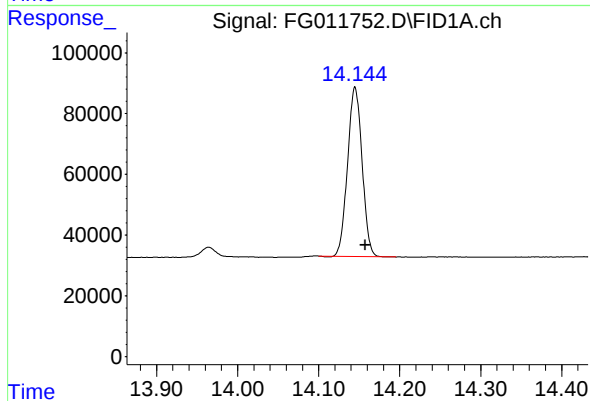
#6 N-OCTADECANE

R.T.: 11.630 min
Delta R.T.: -0.013 min
Response: 755159
Conc: 6.18 ug/ml



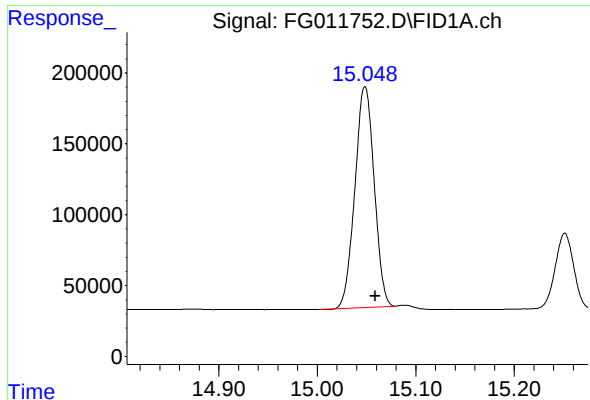
#7 N-EICOSANE

R.T.: 12.943 min
Delta R.T.: -0.013 min
Response: 735149
Conc: 6.12 ug/ml



#8 N-DOCOSANE

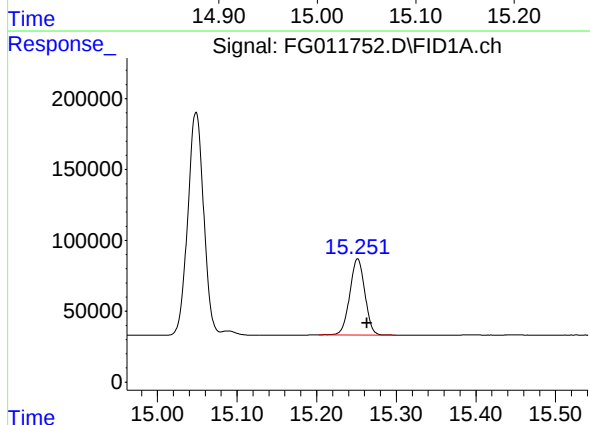
R.T.: 14.145 min
Delta R.T.: -0.013 min
Response: 694716
Conc: 6.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

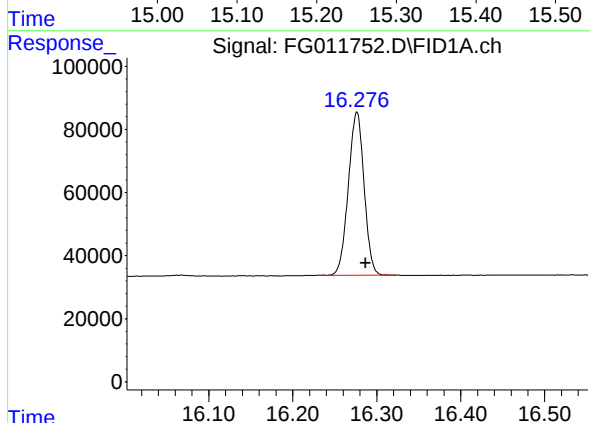
R.T.: 15.049 min
Delta R.T.: -0.011 min
Response: 2121138
Conc: 21.07 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2023



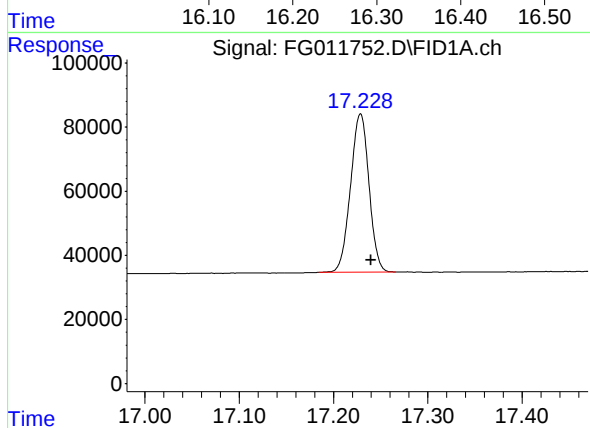
#10 N-TETRACOSANE

R.T.: 15.252 min
Delta R.T.: -0.012 min
Response: 705054
Conc: 6.24 ug/ml



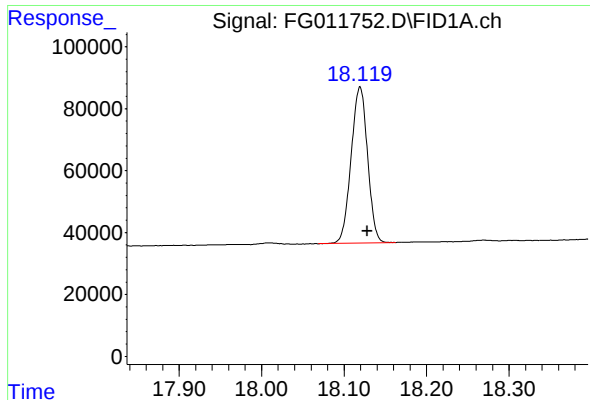
#11 N-HEXACOSANE

R.T.: 16.276 min
Delta R.T.: -0.010 min
Response: 674360
Conc: 6.24 ug/ml



#12 N-OCTACOSANE

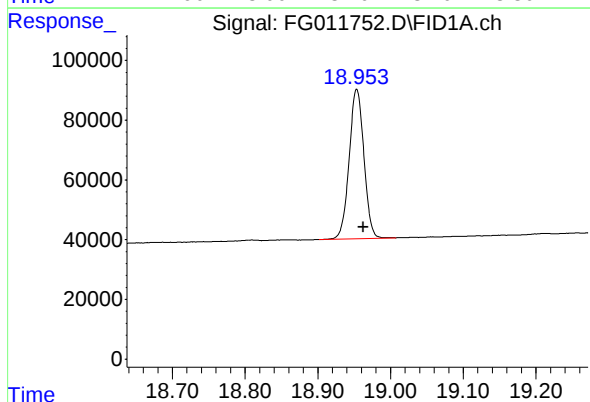
R.T.: 17.229 min
Delta R.T.: -0.011 min
Response: 672514
Conc: 6.49 ug/ml



#13 N-TRIACONTANE

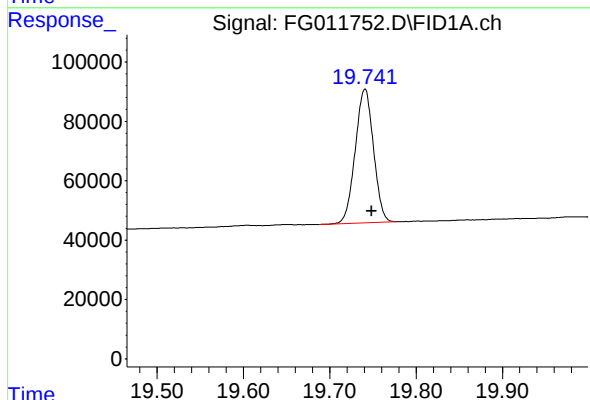
R.T.: 18.119 min
Delta R.T.: -0.009 min
Response: 697066
Conc: 7.03 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2023



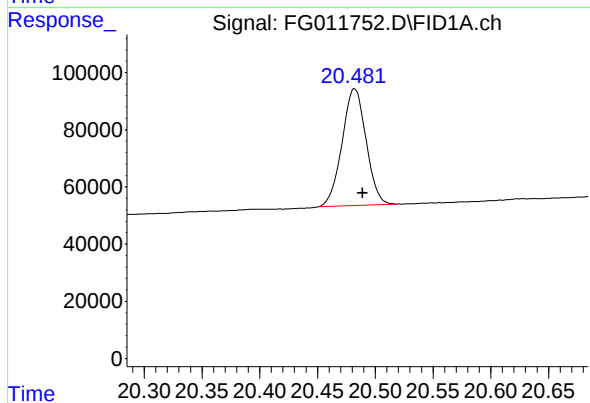
#14 N-DOTRIACONTANE

R.T.: 18.954 min
Delta R.T.: -0.009 min
Response: 703845
Conc: 7.59 ug/ml



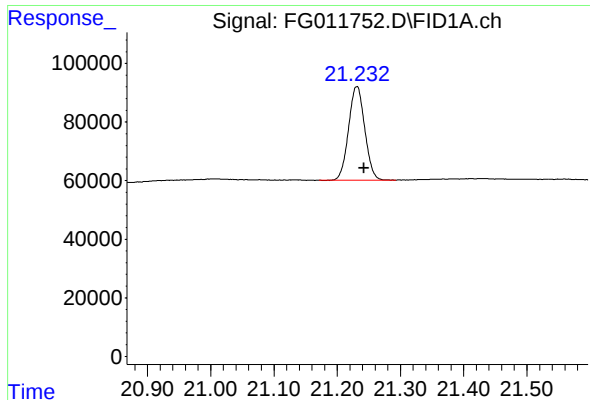
#15 N-TETRATRIACONTANE

R.T.: 19.741 min
Delta R.T.: -0.008 min
Response: 660044
Conc: 7.83 ug/ml



#16 N-HEXATRIACONTANE

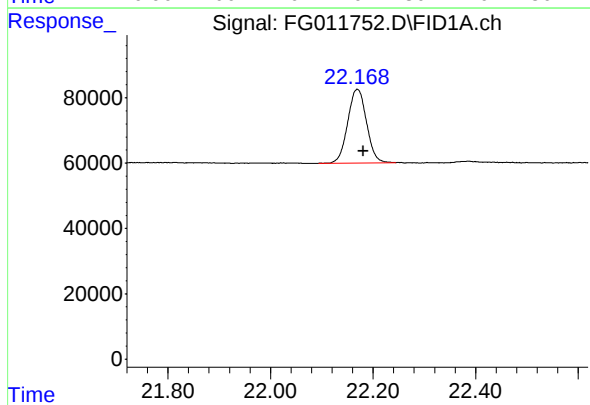
R.T.: 20.482 min
Delta R.T.: -0.007 min
Response: 590750
Conc: 7.67 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.231 min
Delta R.T.: -0.011 min
Response: 569198
Conc: 7.56 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2023



#18 N-TETRACONTANE

R.T.: 22.169 min
Delta R.T.: -0.011 min
Response: 570796
Conc: 7.78 ug/ml