

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013746.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 18:00
 Operator : YP\AJ
 Sample : P2403-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 03:15:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.071	2036270	17.510 ug/ml
Target Compounds			
1) N-OCTANE	2.057	536452	4.381 ug/ml
2) N-DECANE	4.582	606142	4.839 ug/ml
3) N-DODECANE	6.754	622784	4.902 ug/ml
4) N-TETRADECANE	8.587	635822	4.951 ug/ml
5) N-HEXADECANE	10.201	641303	4.954 ug/ml
6) N-OCTADECANE	11.649	654288	4.939 ug/ml
7) N-EICOSANE	12.964	658186	4.885 ug/ml
8) N-DOCOSANE	14.167	633303	4.831 ug/ml
10) N-TETRACOSANE	15.275	626294	4.771 ug/ml
11) N-HEXACOSANE	16.299	613579	4.696 ug/ml
12) N-OCTACOSANE	17.254	597569	4.636 ug/ml
13) N-TRIACONTANE	18.143	606337	4.672 ug/ml
14) N-DOTRIACONTANE	18.979	626707	4.892 ug/ml
15) N-TETRATRIACONTANE	19.765	684225	5.716 ug/ml
16) N-HEXATRIACONTANE	20.507	741815	6.765 ug/ml
17) N-OCTATRIACONTANE	21.261	764456	7.555 ug/ml
18) N-TETRACONTANE	22.210	774040	8.023 ug/ml

(f)=RT Delta > 1/2 Window

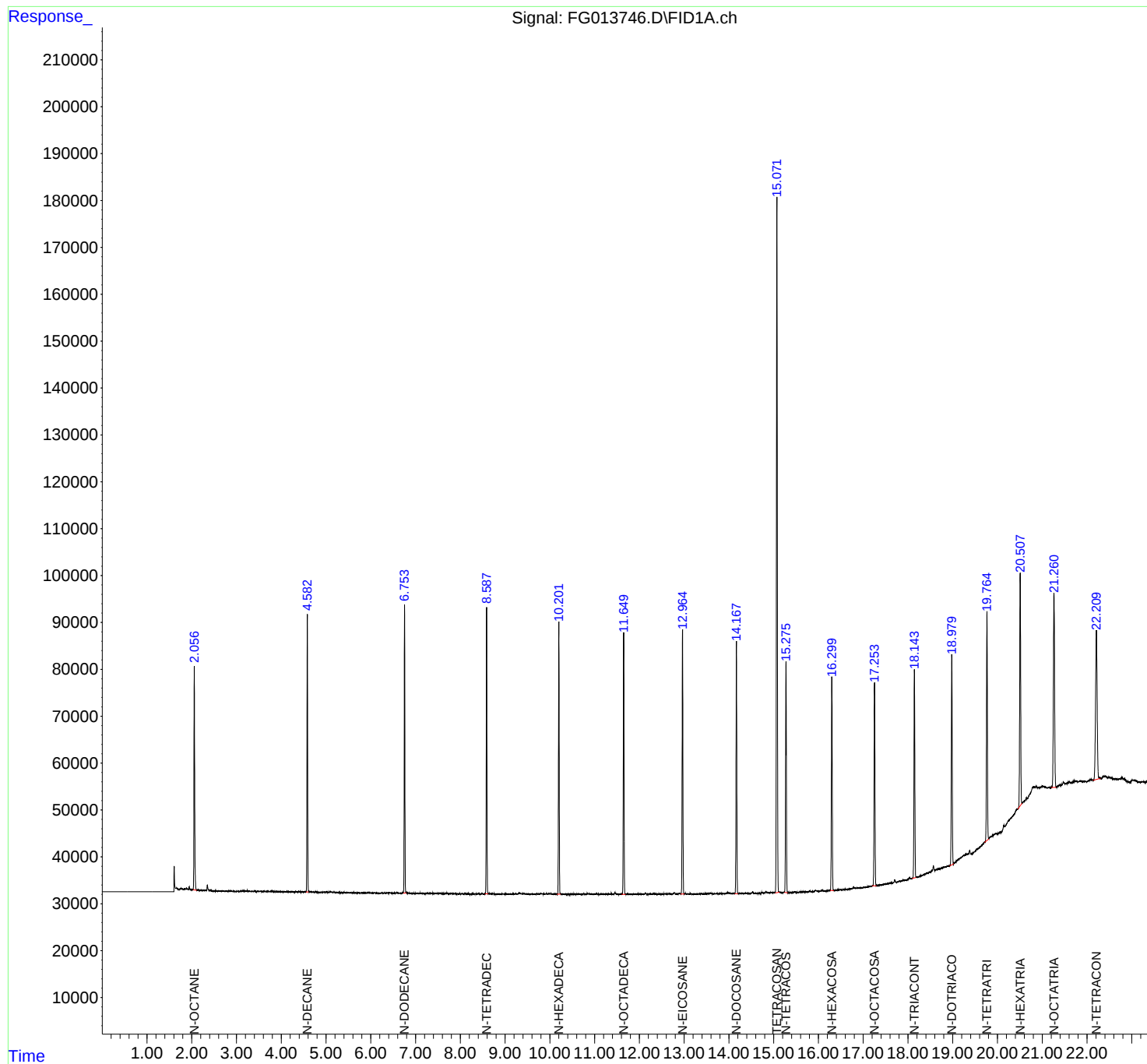
(m)=manual int.

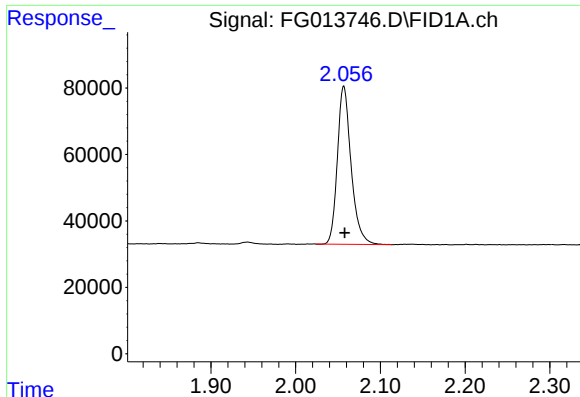
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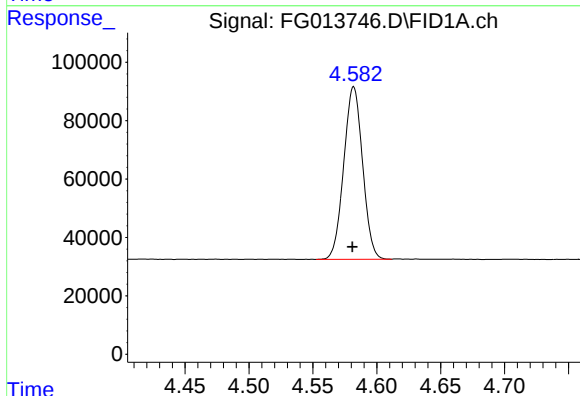




#1 N-OCTANE

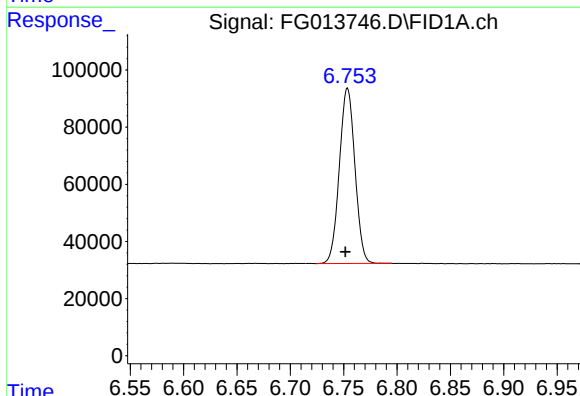
R.T.: 2.057 min
Delta R.T.: -0.001 min
Response: 536452
Conc: 4.38 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2024



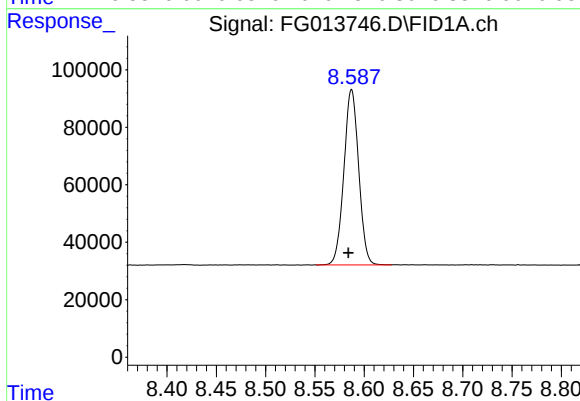
#2 N-DECANE

R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 606142
Conc: 4.84 ug/ml



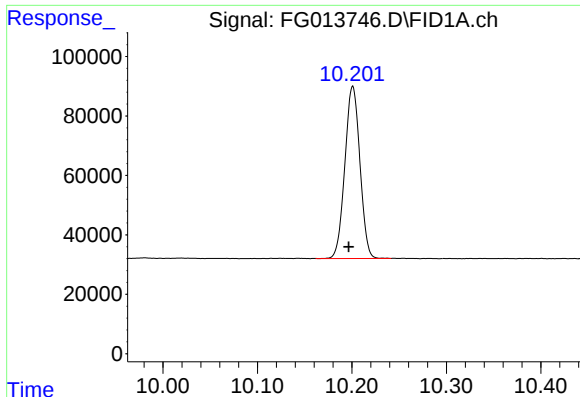
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 622784
Conc: 4.90 ug/ml



#4 N-TETRADECANE

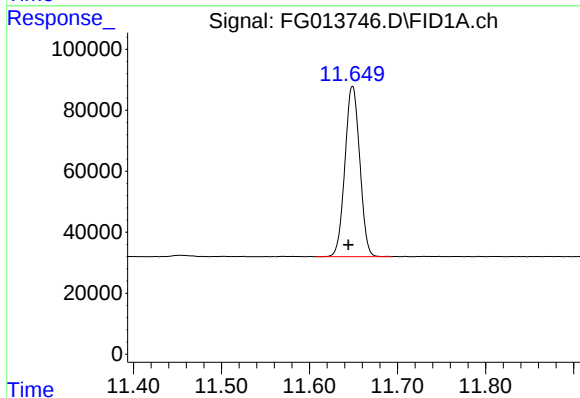
R.T.: 8.587 min
Delta R.T.: 0.003 min
Response: 635822
Conc: 4.95 ug/ml



#5 N-HEXADECANE

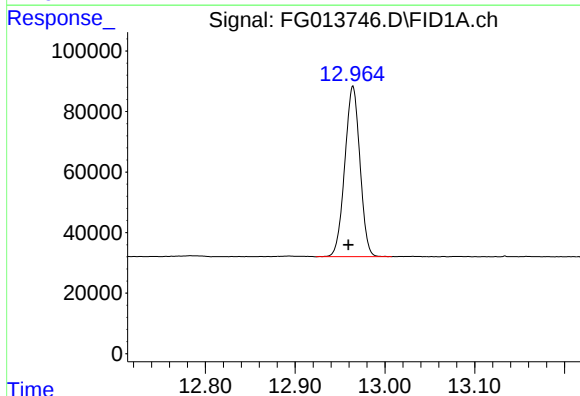
R.T.: 10.201 min
Delta R.T.: 0.004 min
Response: 641303
Conc: 4.95 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2024



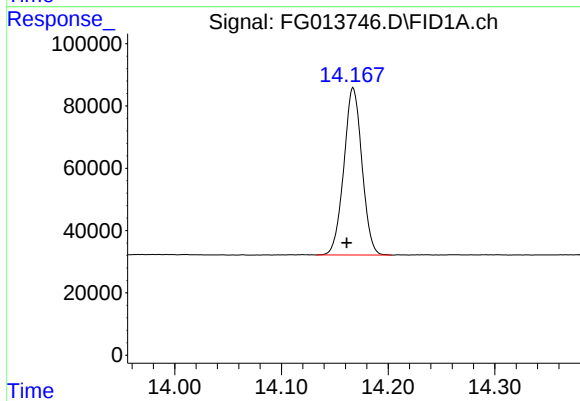
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 654288
Conc: 4.94 ug/ml



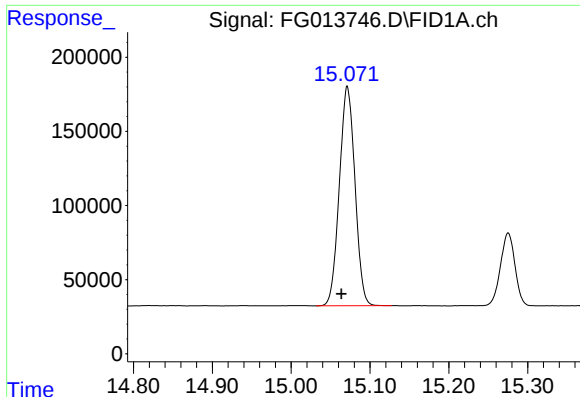
#7 N-EICOSANE

R.T.: 12.964 min
Delta R.T.: 0.005 min
Response: 658186
Conc: 4.89 ug/ml



#8 N-DOCOSANE

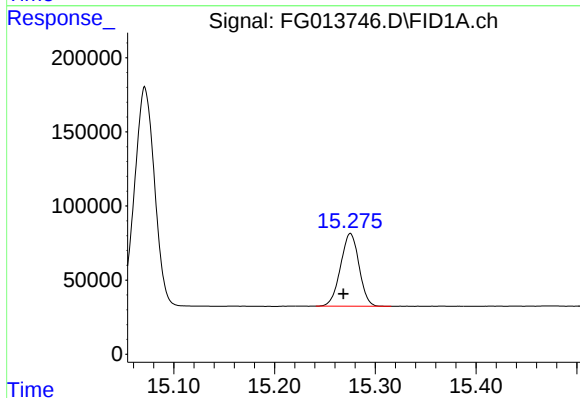
R.T.: 14.167 min
Delta R.T.: 0.006 min
Response: 633303
Conc: 4.83 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

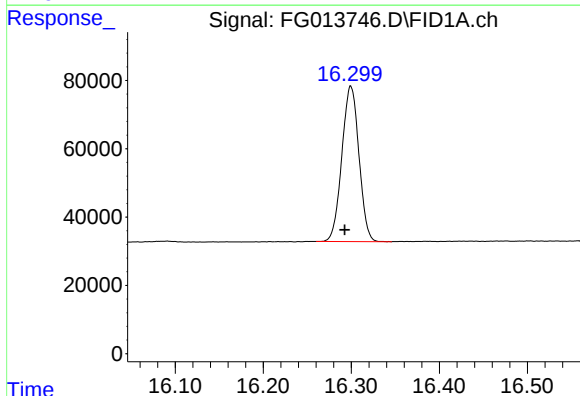
R.T.: 15.071 min
Delta R.T.: 0.008 min
Response: 2036270
Conc: 17.51 ug/ml

Instrument :
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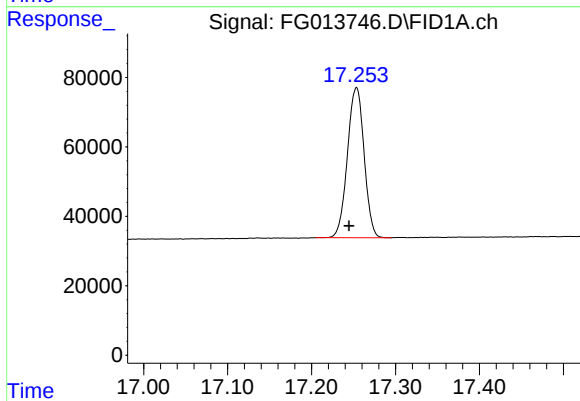
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.007 min
Response: 626294
Conc: 4.77 ug/ml



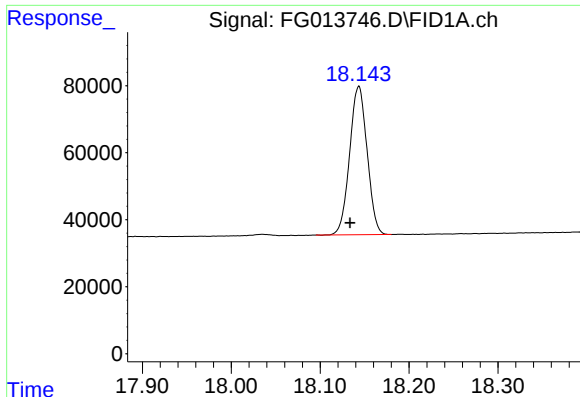
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: 0.007 min
Response: 613579
Conc: 4.70 ug/ml



#12 N-OCTACOSANE

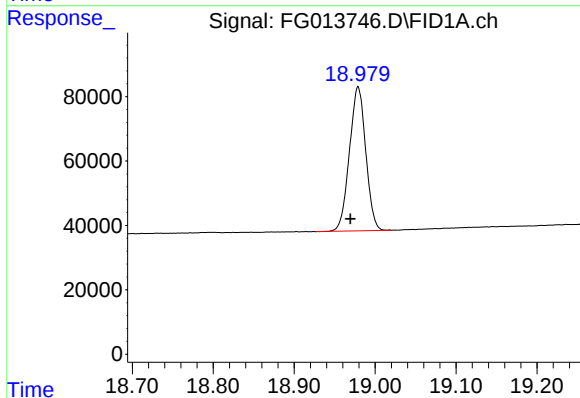
R.T.: 17.254 min
Delta R.T.: 0.009 min
Response: 597569
Conc: 4.64 ug/ml



#13 N-TRIACONTANE

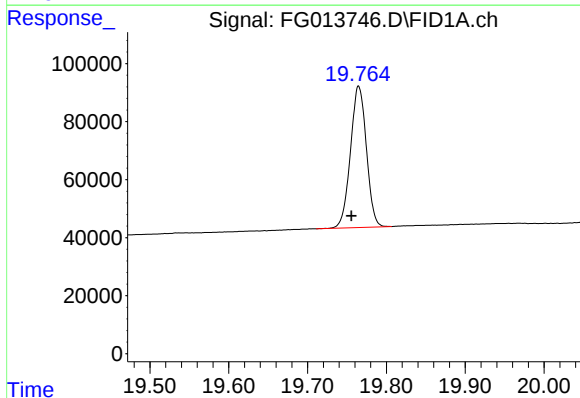
R.T.: 18.143 min
Delta R.T.: 0.010 min
Response: 606337
Conc: 4.67 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2024



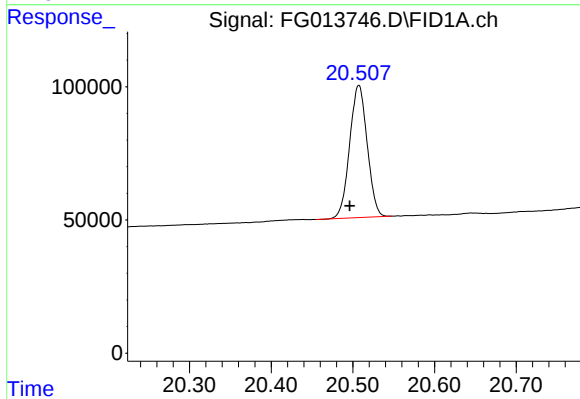
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: 0.010 min
Response: 626707
Conc: 4.89 ug/ml



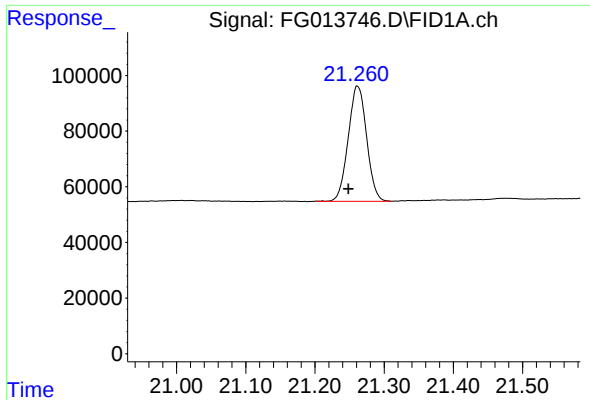
#15 N-TETRATRIACONTANE

R.T.: 19.765 min
Delta R.T.: 0.009 min
Response: 684225
Conc: 5.72 ug/ml



#16 N-HEXATRIACONTANE

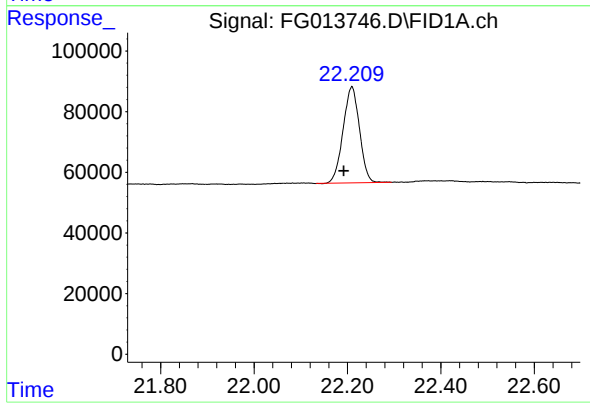
R.T.: 20.507 min
Delta R.T.: 0.011 min
Response: 741815
Conc: 6.76 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.261 min
Delta R.T.: 0.013 min
Response: 764456
Conc: 7.55 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2024



#18 N-TETRACONTANE

R.T.: 22.210 min
Delta R.T.: 0.018 min
Response: 774040
Conc: 8.02 ug/ml