

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012325\
 Data File : FG015144.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jan 2025 20:25
 Operator : YP\AJ
 Sample : Q1168-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT1-2025

Integration File: autoint1.e
 Quant Time: Jan 24 04:06:50 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...	15.046	2026335	15.797 ug/ml
Target Compounds			
1) N-OCTANE	2.009	500378	4.101 ug/ml
2) N-DECANE	4.542	554595	4.293 ug/ml
3) N-DODECANE	6.722	578004	4.243 ug/ml
4) N-TETRADECANE	8.559	589715	4.309 ug/ml
5) N-HEXADECANE	10.173	597998	4.238 ug/ml
6) N-OCTADECANE	11.622	609645	4.156 ug/ml
7) N-EICOSANE	12.938	612616	4.214 ug/ml
8) N-DOCOSANE	14.141	588218	4.100 ug/ml
10) N-TETRACOSANE	15.249	578537	4.051 ug/ml
11) N-HEXACOSANE	16.273	564888	4.011 ug/ml
12) N-OCTACOSANE	17.227	545665	3.897 ug/ml
13) N-TRIACONTANE	18.116	547823	3.851 ug/ml
14) N-DOTRIACONTANE	18.951	529389	3.809 ug/ml
15) N-TETRATRIACONTANE	19.738	489624	3.908 ug/ml
16) N-HEXATRIACONTANE	20.479	430218	3.981 ug/ml
17) N-OCTATRIACONTANE	21.229	389695	3.951 ug/ml
18) N-TETRACONTANE	22.167	345887	3.725 ug/ml

(f)=RT Delta > 1/2 Window

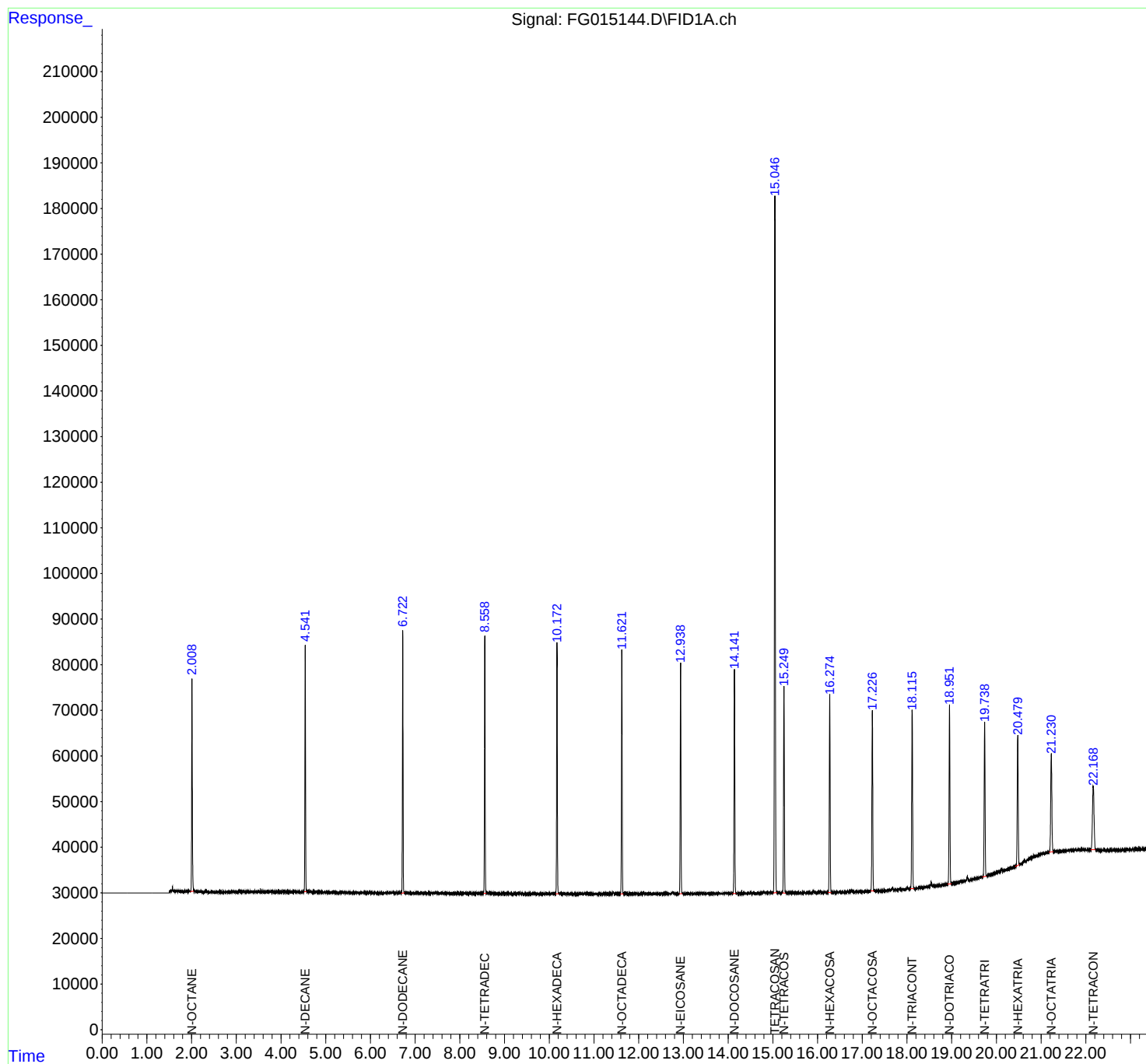
(m)=manual int.

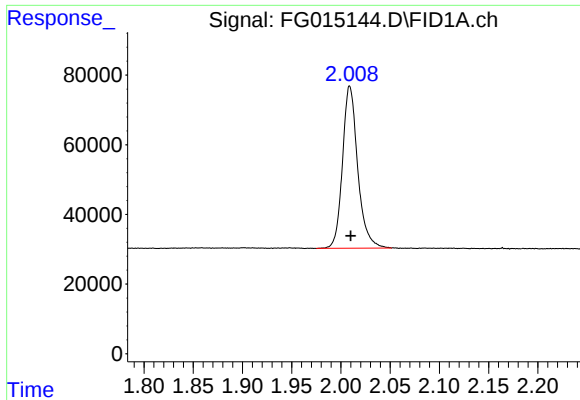
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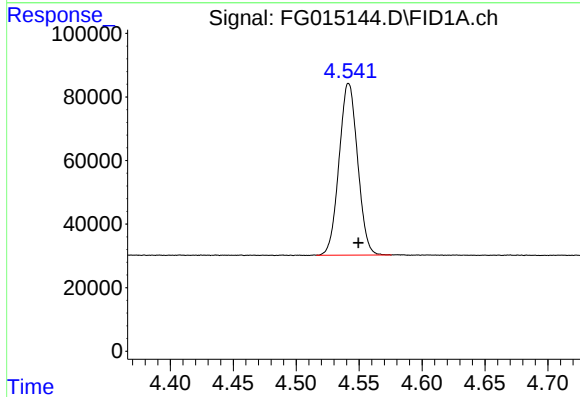




#1 N-OCTANE

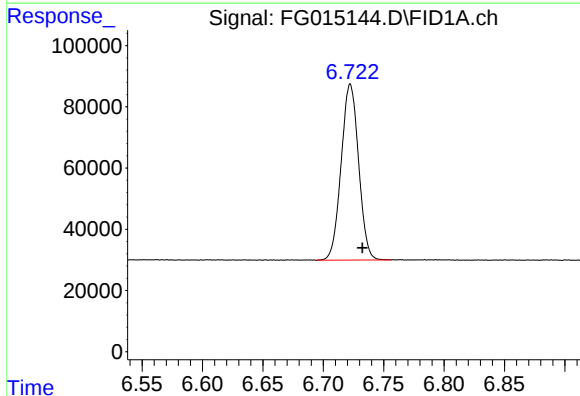
R.T.: 2.009 min
Delta R.T.: 0.000 min
Response: 500378
Conc: 4.10 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2025



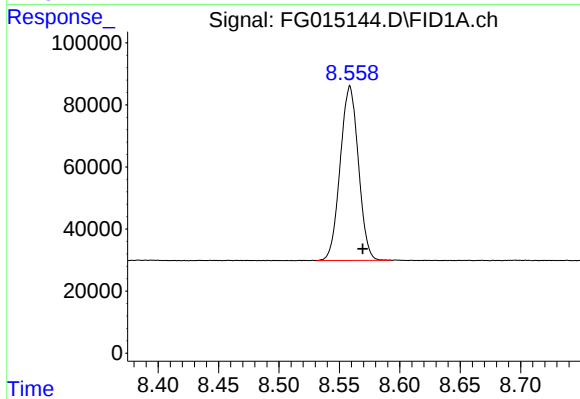
#2 N-DECANE

R.T.: 4.542 min
Delta R.T.: -0.008 min
Response: 554595
Conc: 4.29 ug/ml



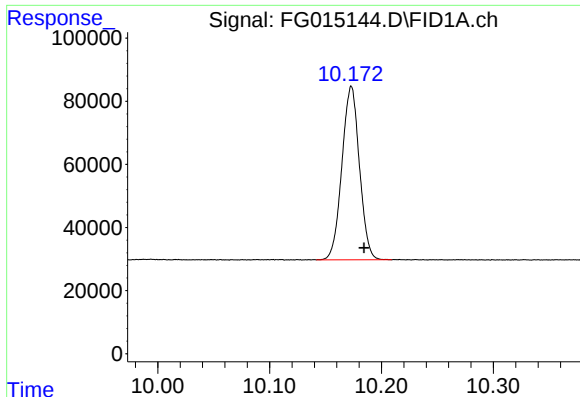
#3 N-DODECANE

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 578004
Conc: 4.24 ug/ml



#4 N-TETRADECANE

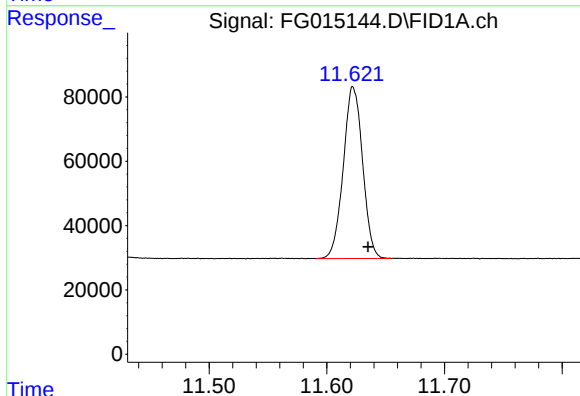
R.T.: 8.559 min
Delta R.T.: -0.011 min
Response: 589715
Conc: 4.31 ug/ml



#5 N-HEXADECANE

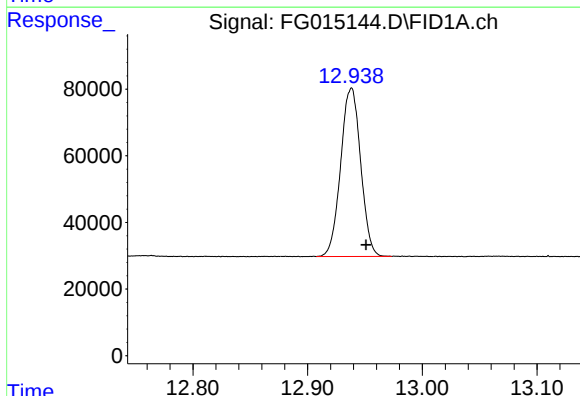
R.T.: 10.173 min
Delta R.T.: -0.011 min
Response: 597998
Conc: 4.24 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2025



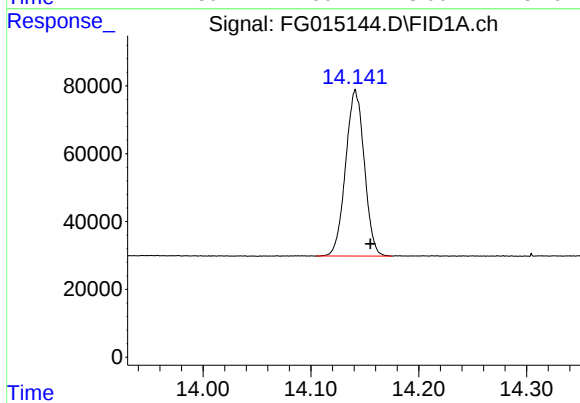
#6 N-OCTADECANE

R.T.: 11.622 min
Delta R.T.: -0.013 min
Response: 609645
Conc: 4.16 ug/ml



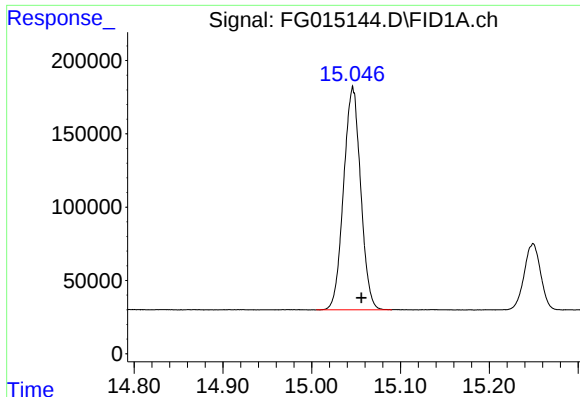
#7 N-EICOSANE

R.T.: 12.938 min
Delta R.T.: -0.013 min
Response: 612616
Conc: 4.21 ug/ml



#8 N-DOCOSANE

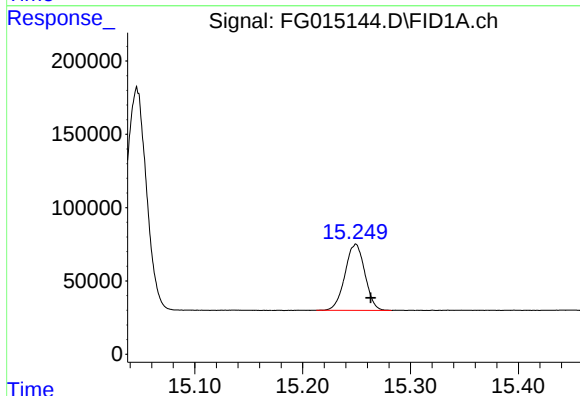
R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 588218
Conc: 4.10 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

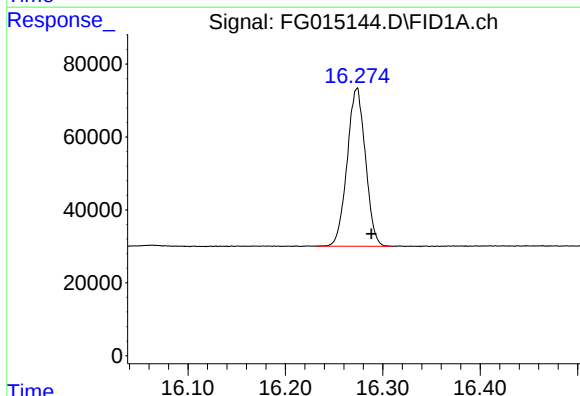
R.T.: 15.046 min
Delta R.T.: -0.010 min
Response: 2026335
Conc: 15.80 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2025



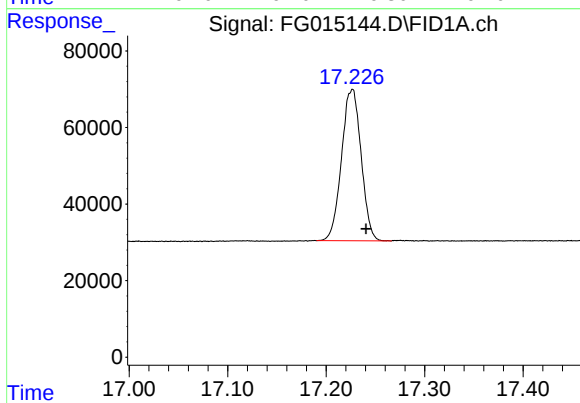
#10 N-TETRACOSANE

R.T.: 15.249 min
Delta R.T.: -0.014 min
Response: 578537
Conc: 4.05 ug/ml



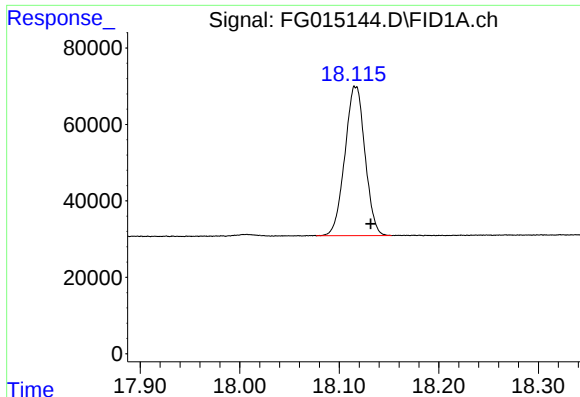
#11 N-HEXACOSANE

R.T.: 16.273 min
Delta R.T.: -0.015 min
Response: 564888
Conc: 4.01 ug/ml



#12 N-OCTACOSANE

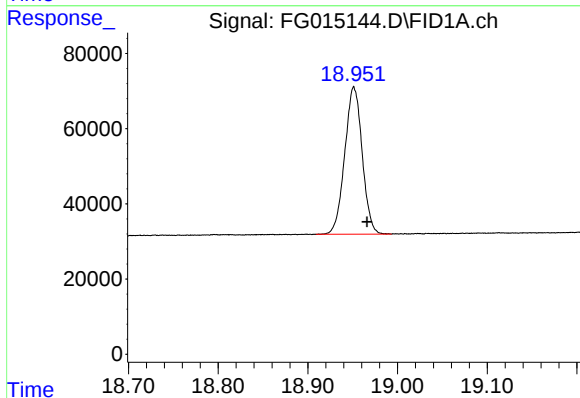
R.T.: 17.227 min
Delta R.T.: -0.014 min
Response: 545665
Conc: 3.90 ug/ml



#13 N-TRIACONTANE

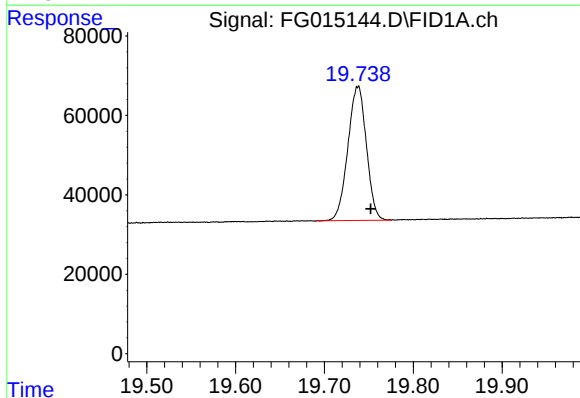
R.T.: 18.116 min
Delta R.T.: -0.015 min
Response: 547823
Conc: 3.85 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2025



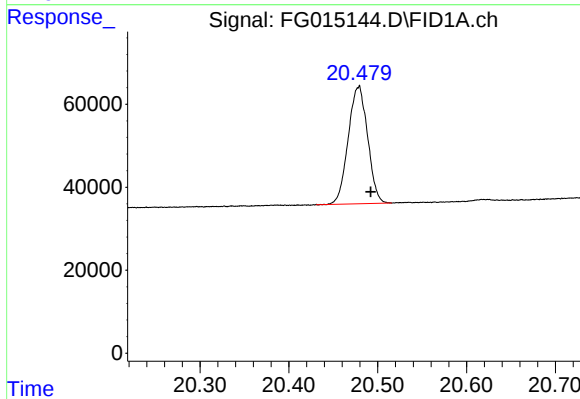
#14 N-DOTRIACONTANE

R.T.: 18.951 min
Delta R.T.: -0.015 min
Response: 529389
Conc: 3.81 ug/ml



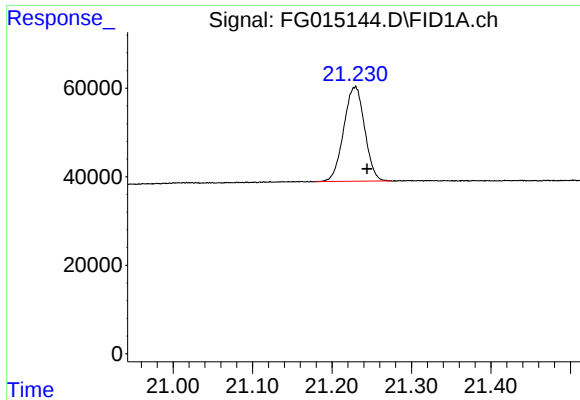
#15 N-TETRATRIACONTANE

R.T.: 19.738 min
Delta R.T.: -0.014 min
Response: 489624
Conc: 3.91 ug/ml



#16 N-HEXATRIACONTANE

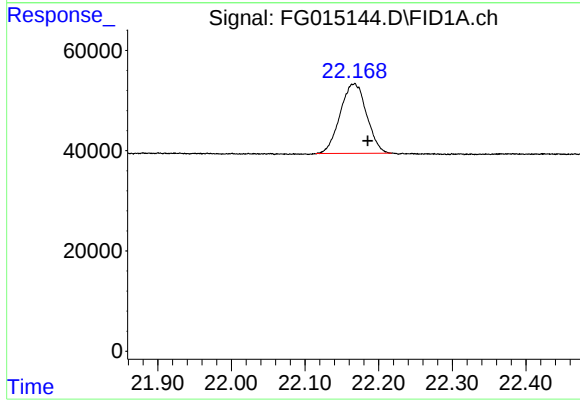
R.T.: 20.479 min
Delta R.T.: -0.013 min
Response: 430218
Conc: 3.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.229 min
Delta R.T.: -0.015 min
Response: 389695
Conc: 3.95 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT1-2025



#18 N-TETRACONTANE

R.T.: 22.167 min
Delta R.T.: -0.018 min
Response: 345887
Conc: 3.73 ug/ml