

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016025.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 22:57
 Operator : YP\AJ
 Sample : Q2126-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:56:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.971	2055396	16.770 ug/ml
Target Compounds			
1) N-OCTANE	1.951	236557	2.012 ug/ml
2) N-DECANE	4.475	217208	1.849 ug/ml
3) N-DODECANE	6.658	207974	1.714 ug/ml
4) N-TETRADECANE	8.495	232450	1.820 ug/ml
5) N-HEXADECANE	10.109	251312	1.886 ug/ml
6) N-OCTADECANE	11.555	285743	2.071 ug/ml
7) N-EICOSANE	12.868	304957	2.159 ug/ml
8) N-DOCOSANE	14.068	300016	2.184 ug/ml
10) N-TETRACOSANE	15.175	300753	2.188 ug/ml
11) N-HEXACOSANE	16.200	295257	2.173 ug/ml
12) N-OCTACOSANE	17.152	310560	2.303 ug/ml
13) N-TRIACONTANE	18.042	336779	2.468 ug/ml
14) N-DOTRIACONTANE	18.876	344742	2.574 ug/ml
15) N-TETRATRIACONTANE	19.661	310037	2.557 ug/ml
16) N-HEXATRIACONTANE	20.404	263830	2.471 ug/ml
17) N-OCTATRIACONTANE	21.138	211277	2.202 ug/ml
18) N-TETRACONTANE	22.047	209437	2.381 ug/ml

(f)=RT Delta > 1/2 Window

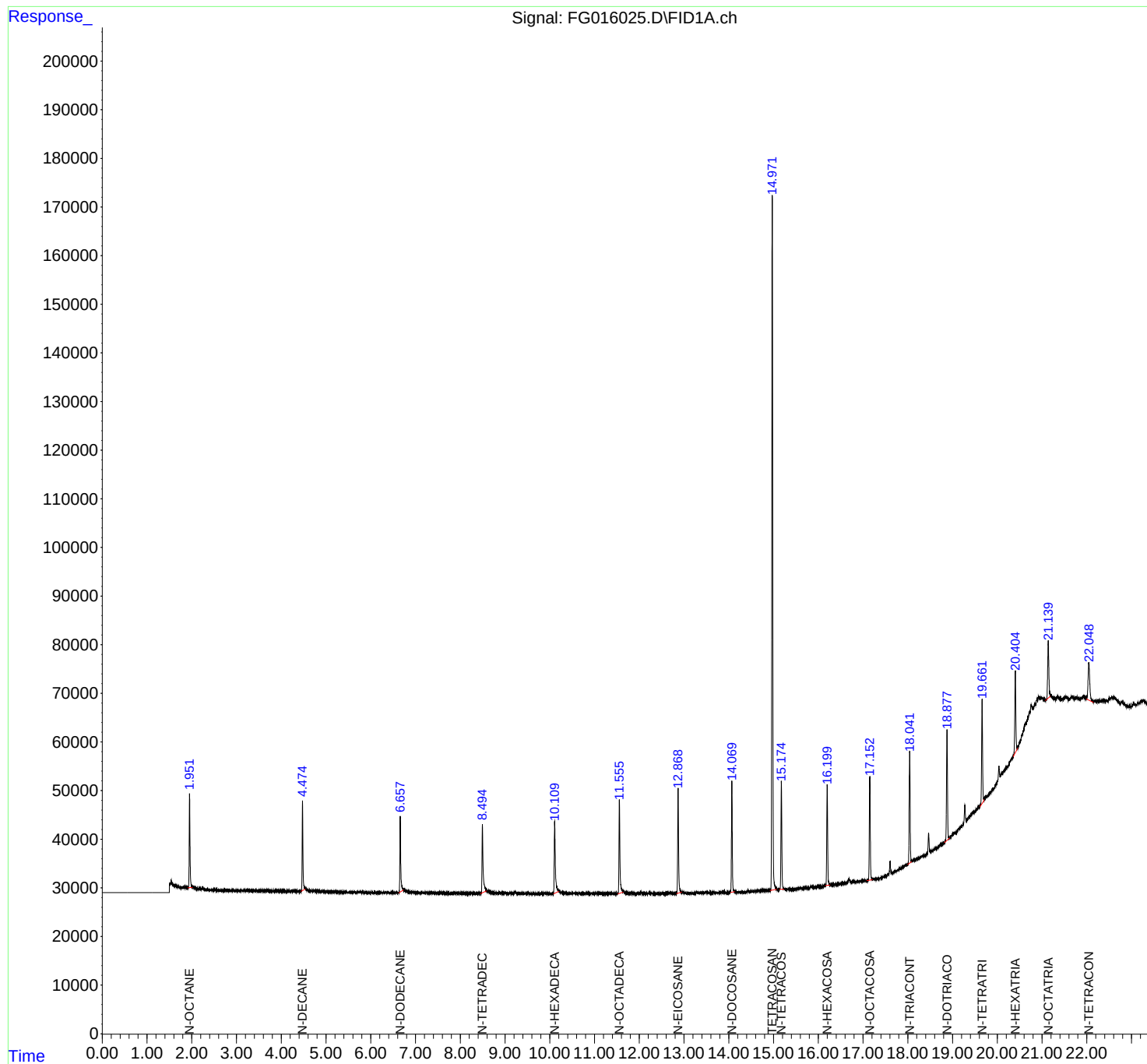
(m)=manual int.

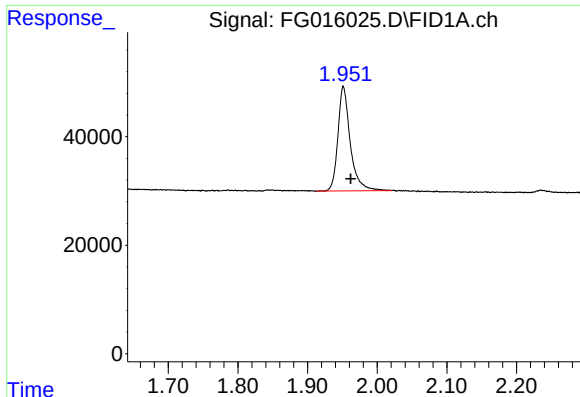
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Signal Info : 20mx0.18mmx0.18um

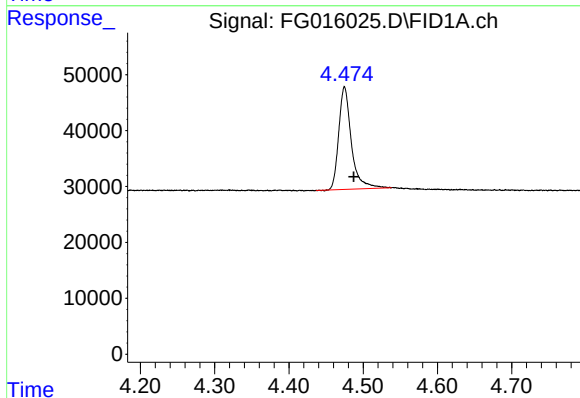




#1 N-OCTANE

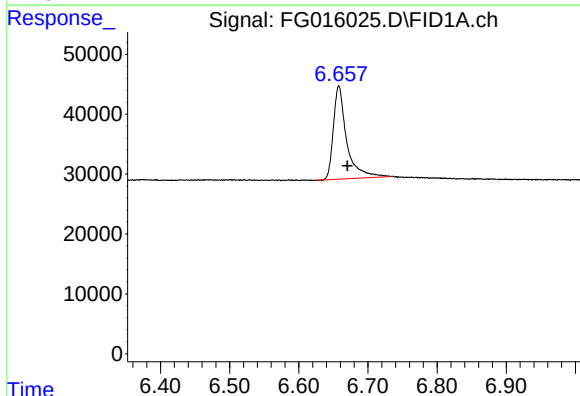
R.T.: 1.951 min
Delta R.T.: -0.011 min
Response: 236557
Conc: 2.01 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2025



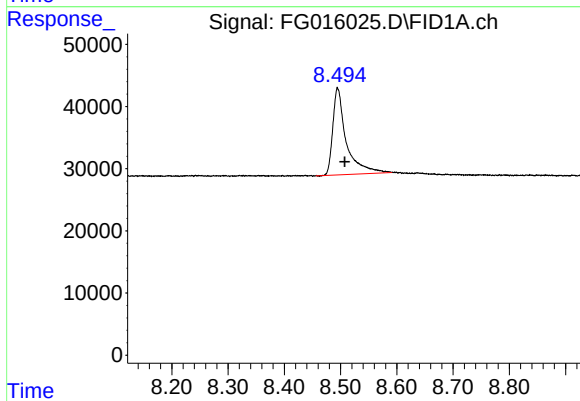
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 217208
Conc: 1.85 ug/ml



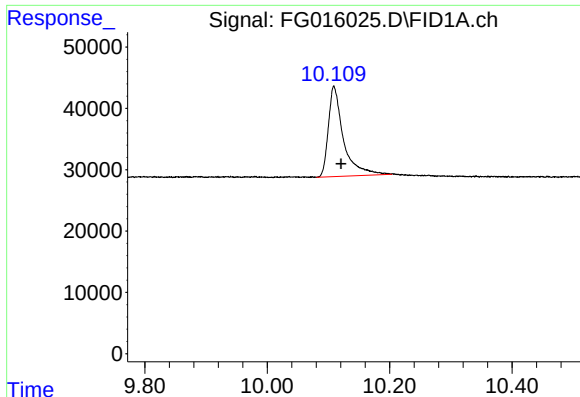
#3 N-DODECANE

R.T.: 6.658 min
Delta R.T.: -0.012 min
Response: 207974
Conc: 1.71 ug/ml



#4 N-TETRADECANE

R.T.: 8.495 min
Delta R.T.: -0.012 min
Response: 232450
Conc: 1.82 ug/ml



#5 N-HEXADECANE

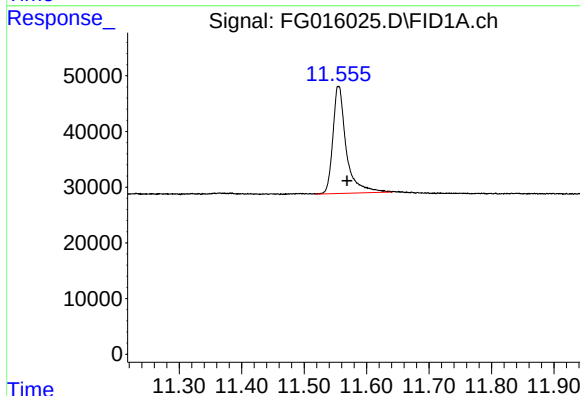
R.T.: 10.109 min
Delta R.T.: -0.011 min
Response: 251312
Conc: 1.89 ug/ml

Instrument :

FID_G

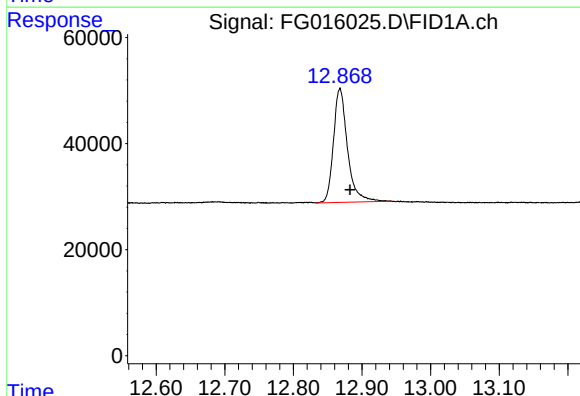
ClientSampleId :

LOD-MDL-WATER-04-QT2-2025



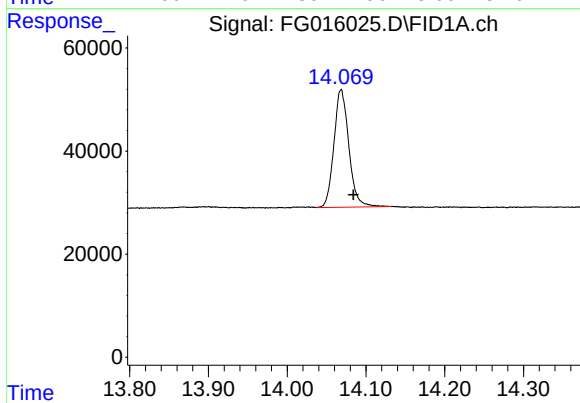
#6 N-OCTADECANE

R.T.: 11.555 min
Delta R.T.: -0.013 min
Response: 285743
Conc: 2.07 ug/ml



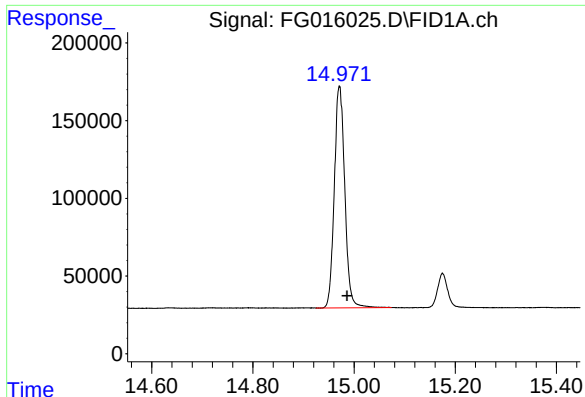
#7 N-EICOSANE

R.T.: 12.868 min
Delta R.T.: -0.015 min
Response: 304957
Conc: 2.16 ug/ml



#8 N-DOCOSANE

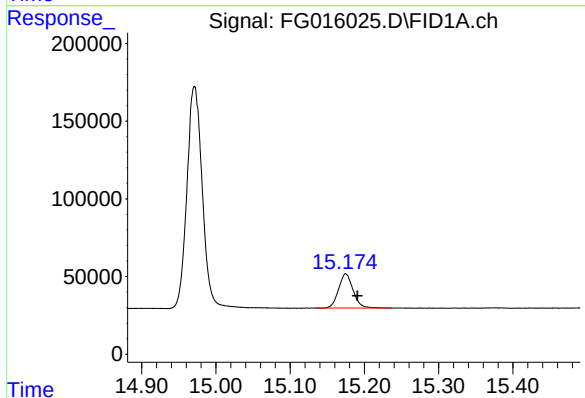
R.T.: 14.068 min
Delta R.T.: -0.015 min
Response: 300016
Conc: 2.18 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

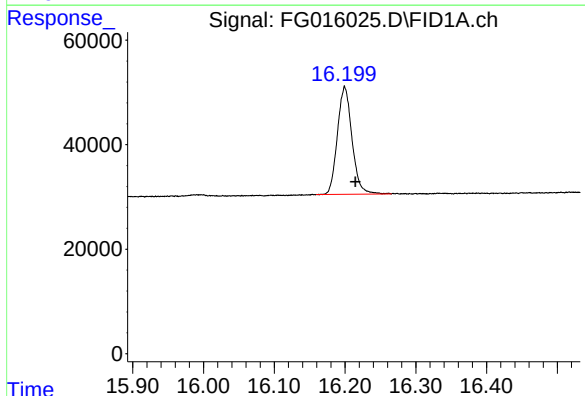
R.T.: 14.971 min
Delta R.T.: -0.015 min
Response: 2055396
Conc: 16.77 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2025



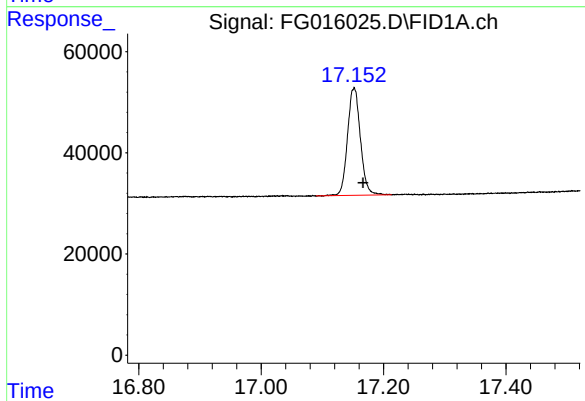
#10 N-TETRACOSANE

R.T.: 15.175 min
Delta R.T.: -0.015 min
Response: 300753
Conc: 2.19 ug/ml



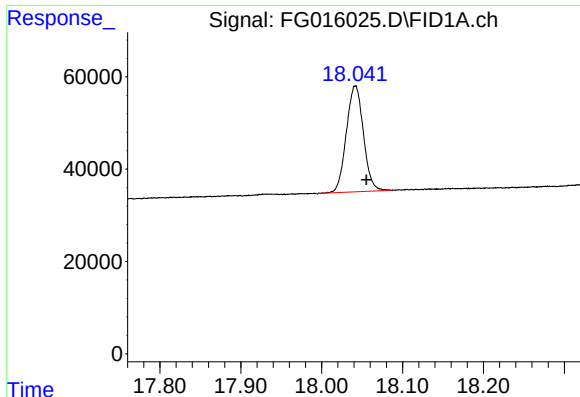
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.015 min
Response: 295257
Conc: 2.17 ug/ml



#12 N-OCTACOSANE

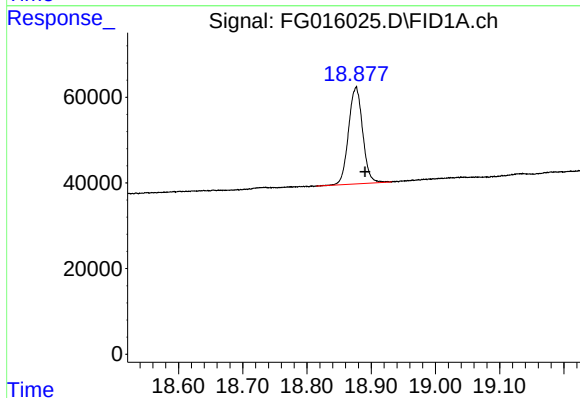
R.T.: 17.152 min
Delta R.T.: -0.014 min
Response: 310560
Conc: 2.30 ug/ml



#13 N-TRIACONTANE

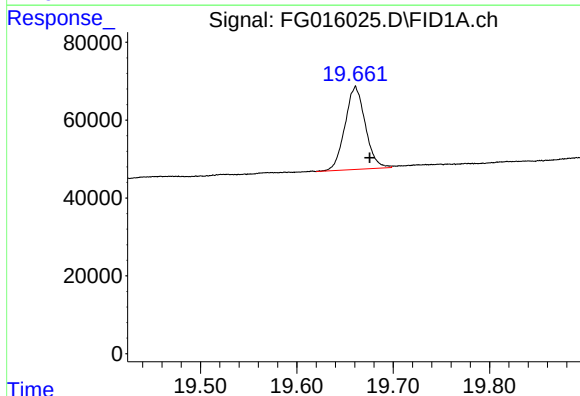
R.T.: 18.042 min
Delta R.T.: -0.014 min
Response: 336779
Conc: 2.47 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2025



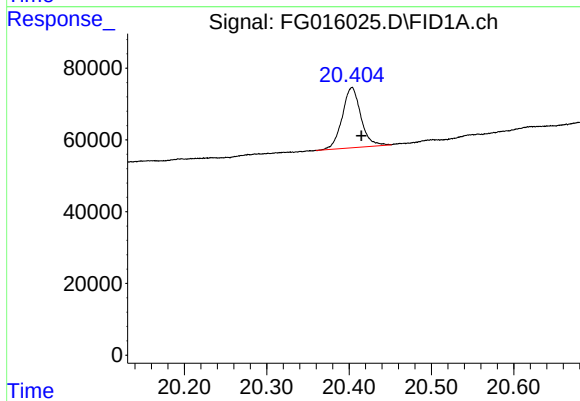
#14 N-DOTRIACONTANE

R.T.: 18.876 min
Delta R.T.: -0.014 min
Response: 344742
Conc: 2.57 ug/ml



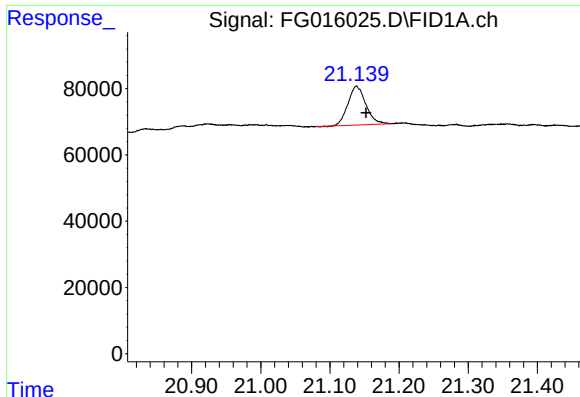
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.015 min
Response: 310037
Conc: 2.56 ug/ml



#16 N-HEXATRIACONTANE

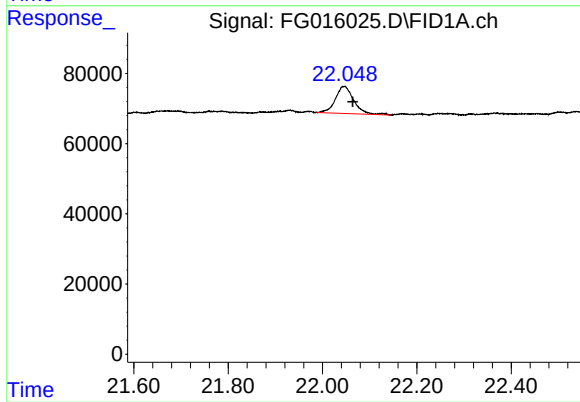
R.T.: 20.404 min
Delta R.T.: -0.011 min
Response: 263830
Conc: 2.47 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.138 min
Delta R.T.: -0.014 min
Response: 211277
Conc: 2.20 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.047 min
Delta R.T.: -0.017 min
Response: 209437
Conc: 2.38 ug/ml