

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016026.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jun 2025 23:27
 Operator : YP\AJ
 Sample : Q2126-11
 Misc : 5 PPM WATER LOQ
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 05:56:44 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...	14.972	2031508	16.575 ug/ml
Target Compounds			
1) N-OCTANE	1.953	475867	4.047 ug/ml
2) N-DECANE	4.474	474751	4.040 ug/ml
3) N-DODECANE	6.657	471969	3.889 ug/ml
4) N-TETRADECANE	8.493	512179	4.011 ug/ml
5) N-HEXADECANE	10.107	534291	4.010 ug/ml
6) N-OCTADECANE	11.554	572457	4.148 ug/ml
7) N-EICOSANE	12.867	596496	4.222 ug/ml
8) N-DOCOSANE	14.070	578111	4.209 ug/ml
10) N-TETRACOSANE	15.176	573769	4.174 ug/ml
11) N-HEXACOSANE	16.200	563068	4.144 ug/ml
12) N-OCTACOSANE	17.151	568689	4.218 ug/ml
13) N-TRIACONTANE	18.041	585733	4.293 ug/ml
14) N-DOTRIACONTANE	18.875	584552	4.364 ug/ml
15) N-TETRATRIACONTANE	19.661	532564	4.392 ug/ml
16) N-HEXATRIACONTANE	20.402	476388	4.461 ug/ml
17) N-OCTATRIACONTANE	21.137	452499	4.715 ug/ml
18) N-TETRACONTANE	22.045	400898	4.558 ug/ml

(f)=RT Delta > 1/2 Window

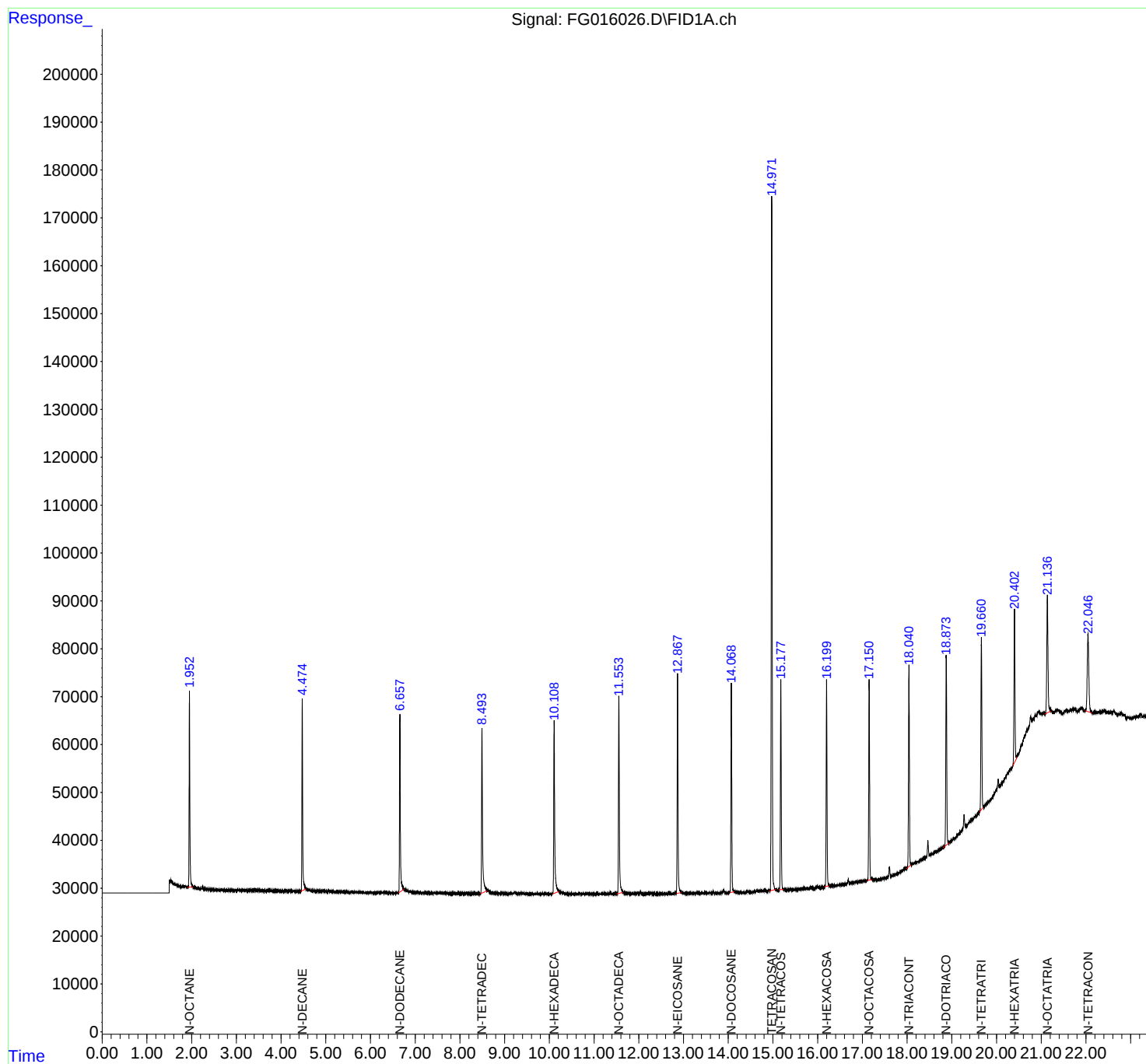
(m)=manual int.

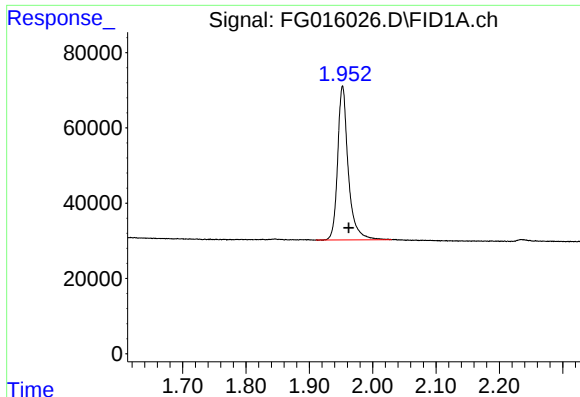
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

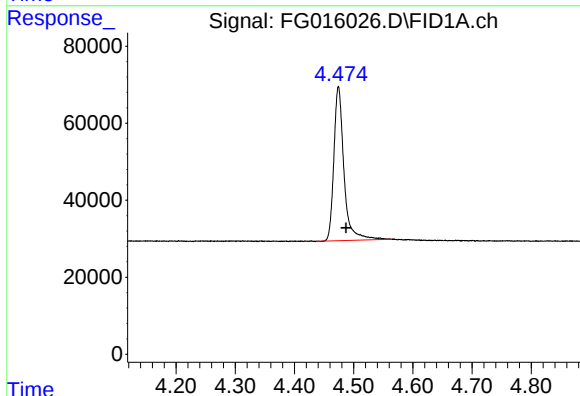




#1 N-OCTANE

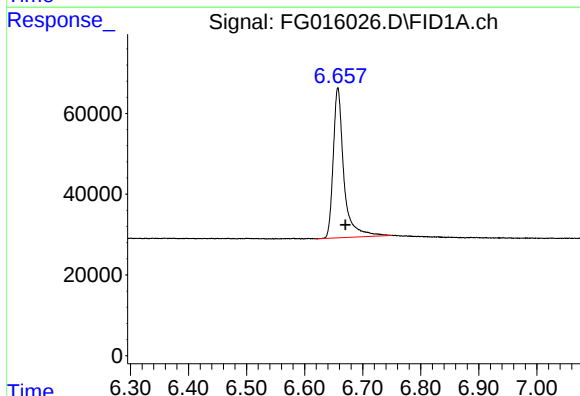
R.T.: 1.953 min
Delta R.T.: -0.009 min
Response: 475867
Conc: 4.05 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2025



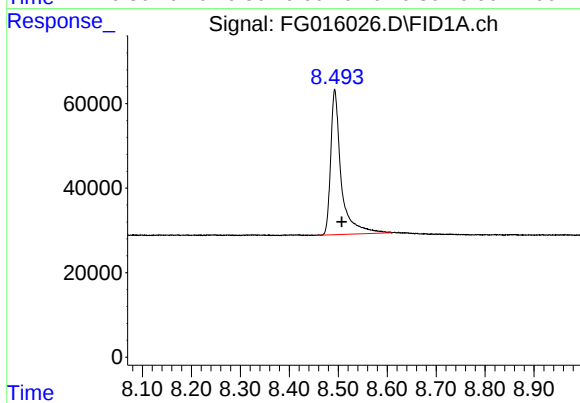
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 474751
Conc: 4.04 ug/ml



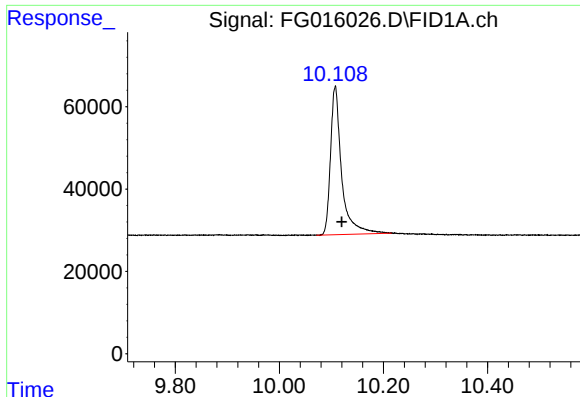
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: -0.013 min
Response: 471969
Conc: 3.89 ug/ml



#4 N-TETRADECANE

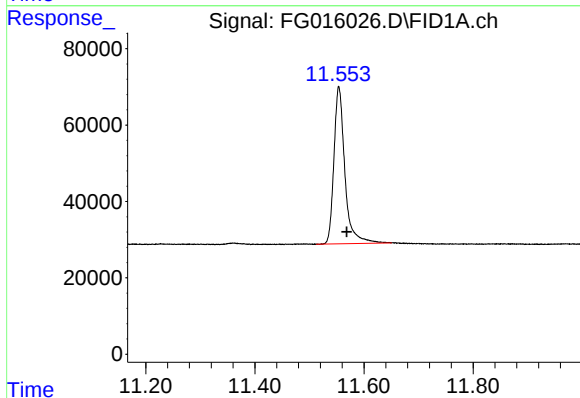
R.T.: 8.493 min
Delta R.T.: -0.014 min
Response: 512179
Conc: 4.01 ug/ml



#5 N-HEXADECANE

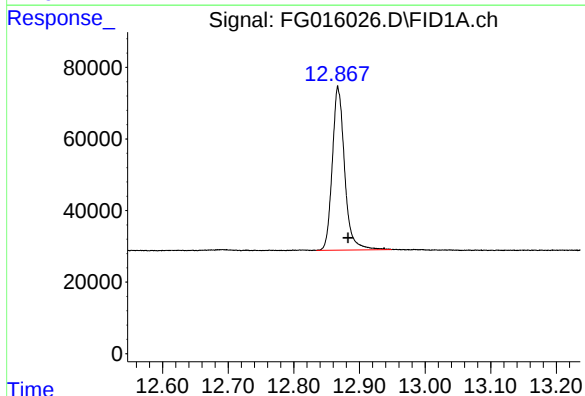
R.T.: 10.107 min
Delta R.T.: -0.013 min
Response: 534291
Conc: 4.01 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2025



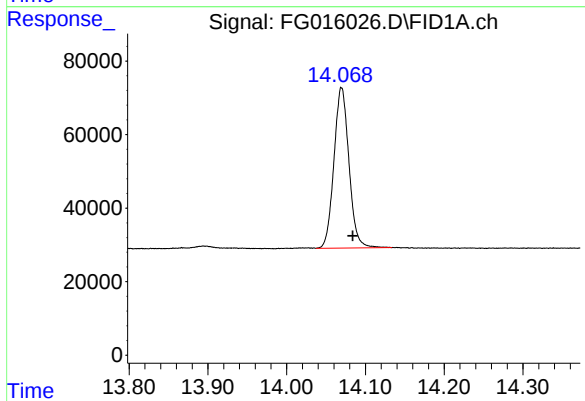
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.015 min
Response: 572457
Conc: 4.15 ug/ml



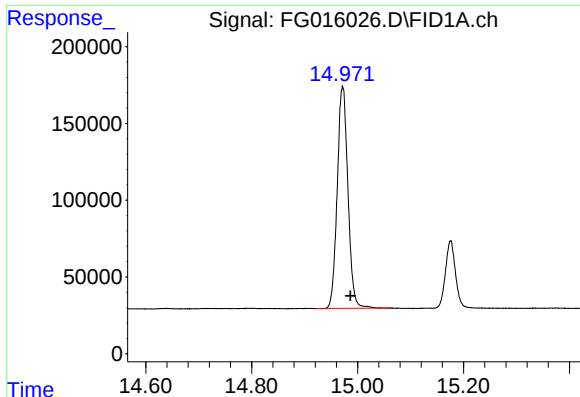
#7 N-EICOSANE

R.T.: 12.867 min
Delta R.T.: -0.015 min
Response: 596496
Conc: 4.22 ug/ml



#8 N-DOCOSANE

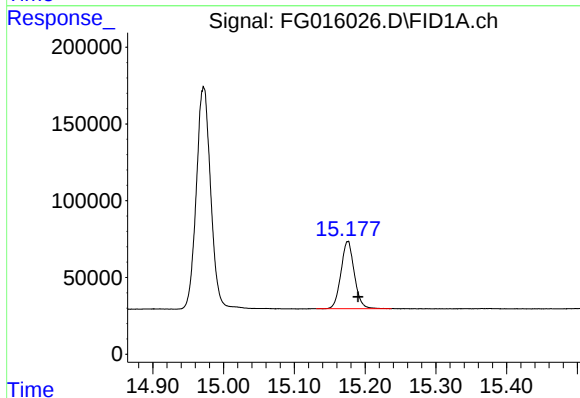
R.T.: 14.070 min
Delta R.T.: -0.014 min
Response: 578111
Conc: 4.21 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

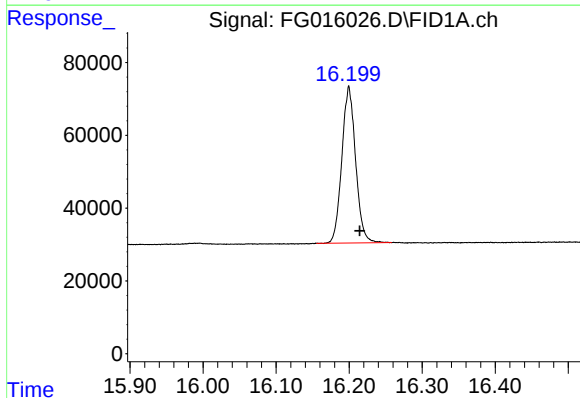
R.T.: 14.972 min
Delta R.T.: -0.014 min
Response: 2031508
Conc: 16.58 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2025



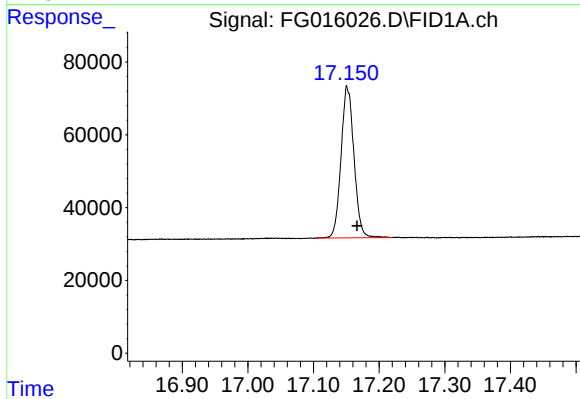
#10 N-TETRACOSANE

R.T.: 15.176 min
Delta R.T.: -0.015 min
Response: 573769
Conc: 4.17 ug/ml



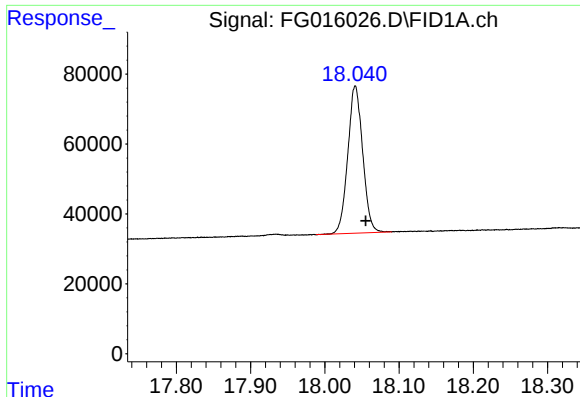
#11 N-HEXACOSANE

R.T.: 16.200 min
Delta R.T.: -0.015 min
Response: 563068
Conc: 4.14 ug/ml



#12 N-OCTACOSANE

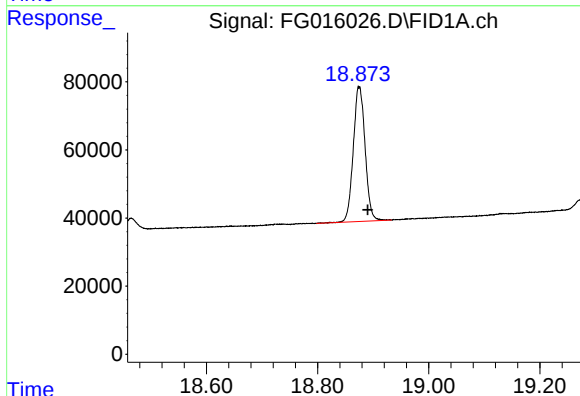
R.T.: 17.151 min
Delta R.T.: -0.015 min
Response: 568689
Conc: 4.22 ug/ml



#13 N-TRIACONTANE

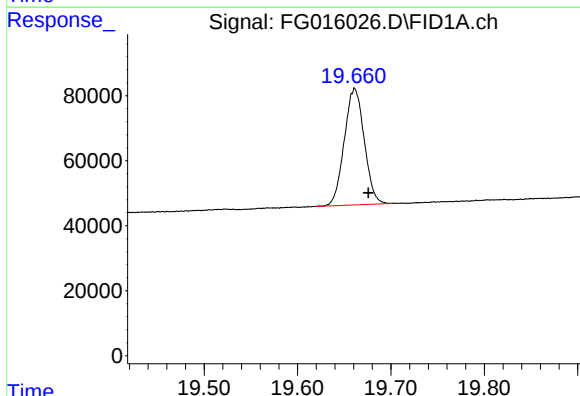
R.T.: 18.041 min
Delta R.T.: -0.014 min
Response: 585733
Conc: 4.29 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2025



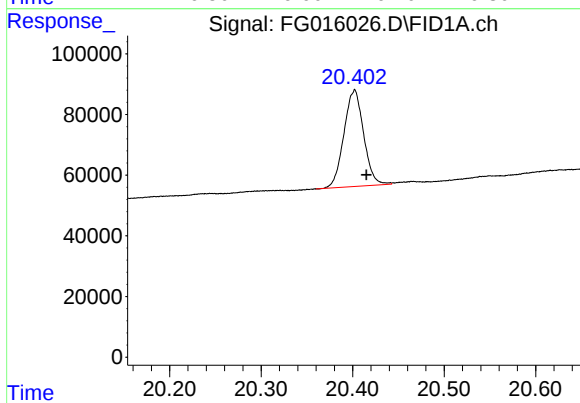
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.016 min
Response: 584552
Conc: 4.36 ug/ml



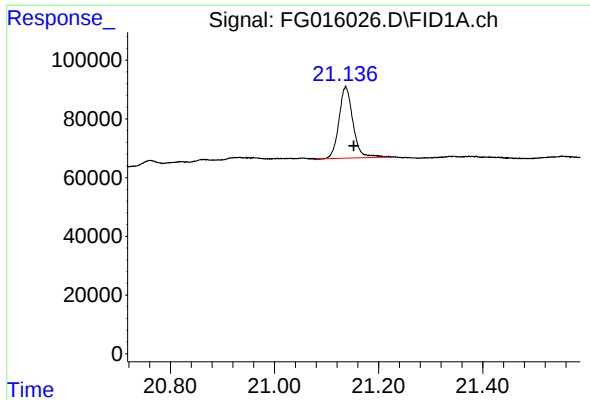
#15 N-TETRATRIACONTANE

R.T.: 19.661 min
Delta R.T.: -0.015 min
Response: 532564
Conc: 4.39 ug/ml



#16 N-HEXATRIACONTANE

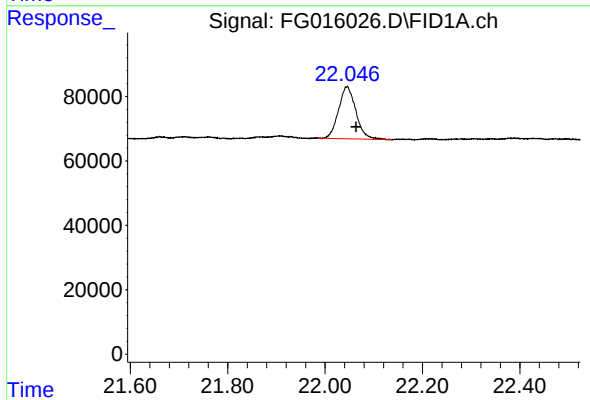
R.T.: 20.402 min
Delta R.T.: -0.013 min
Response: 476388
Conc: 4.46 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.137 min
Delta R.T.: -0.016 min
Response: 452499
Conc: 4.72 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.045 min
Delta R.T.: -0.018 min
Response: 400898
Conc: 4.56 ug/ml