

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071521\
 Data File : FG008512.D
 Signal(s) : FID1A.ch
 Acq On : 15 Jul 2021 19:27
 Operator : DD\AJ
 Sample : M2940-11
 Misc : LOQ 5 PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOQ-WATER-05-QT3-2021

Integration File: autoint1.e
 Quant Time: Jul 16 03:21:21 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG071521.M
 Quant Title :
 QLast Update : Thu Jul 15 13:17:03 2021
 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...	14.761	2684863	18.842 ug/ml
Target Compounds			
1) N-OCTANE	2.359	981050	6.569 ug/ml
2) N-DECANE	4.464	970054	6.439 ug/ml
3) N-DODECANE	6.491	987475	6.416 ug/ml
4) N-TETRADECANE	8.292	985060	6.323 ug/ml
5) N-HEXADECANE	9.898	981138	6.319 ug/ml
6) N-OCTADECANE	11.344	1026567	6.349 ug/ml
7) N-EICOSANE	12.658	1039431	6.378 ug/ml
8) N-DOCOSANE	13.859	1040116	6.383 ug/ml
10) N-TETRACOSANE	14.964	1040720	6.346 ug/ml
11) N-HEXACOSANE	15.990	1012007	6.241 ug/ml
12) N-OCTACOSANE	16.941	998787	6.233 ug/ml
13) N-TRIACONTANE	17.831	1016420	6.433 ug/ml
14) N-DOTRIACONTANE	18.665	988221	6.578 ug/ml
15) N-TETRATRIACONTANE	19.451	901799	6.544 ug/ml
16) N-HEXATRIACONTANE	20.192	774836	6.576 ug/ml
17) N-OCTATRIACONTANE	20.948	682713	6.843 ug/ml
18) N-TETRACONTANE	21.902	618035	6.820 ug/ml

(f)=RT Delta > 1/2 Window

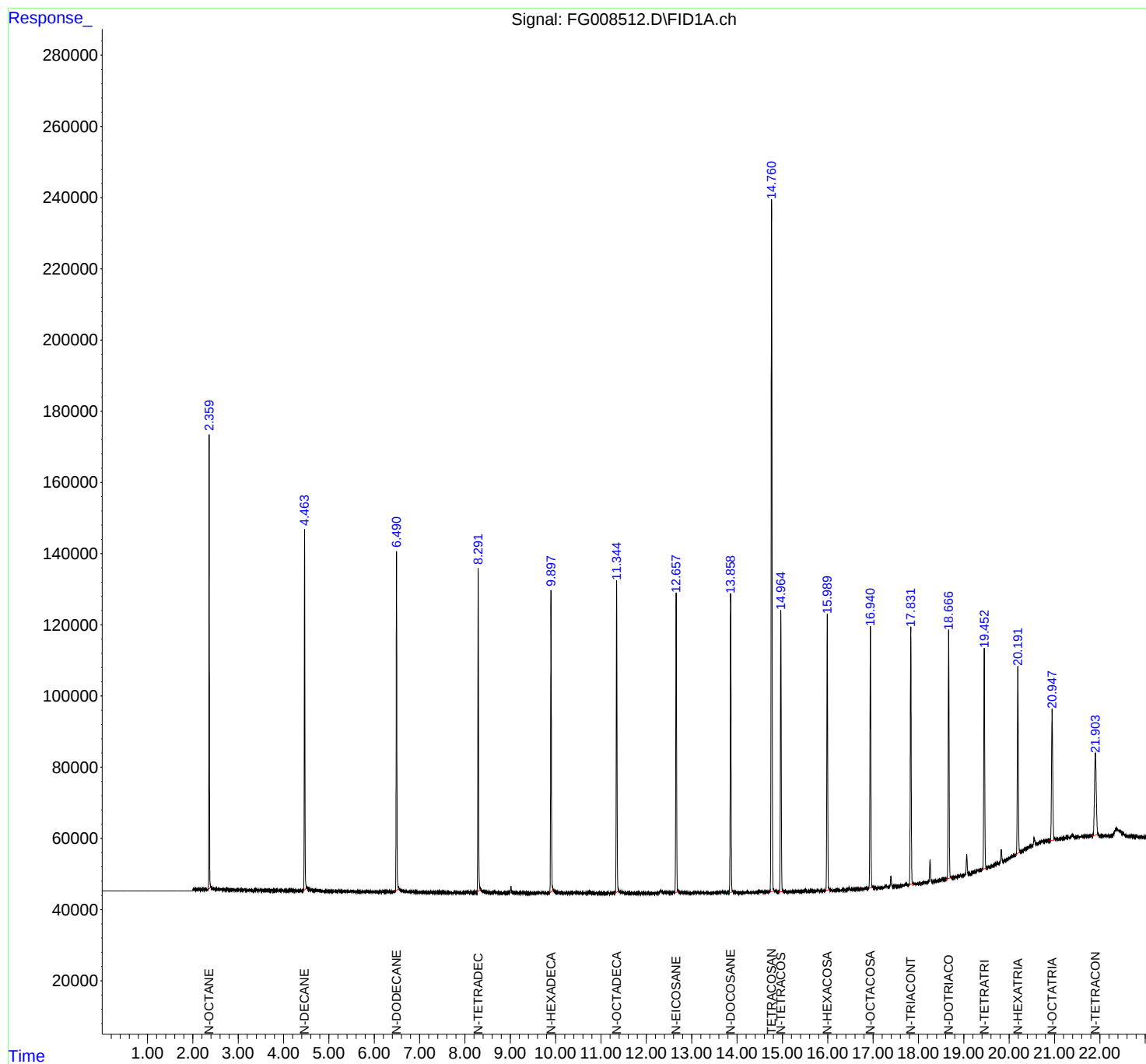
(m)=manual int.

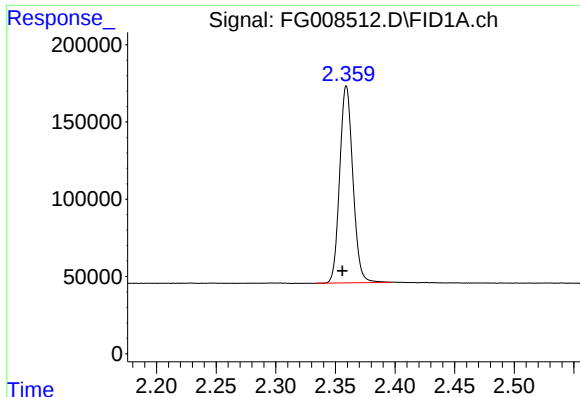
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

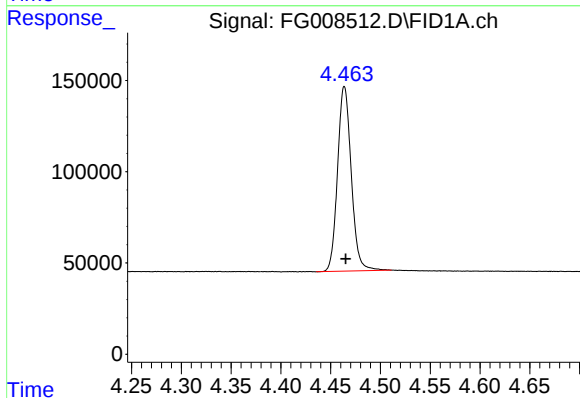




#1 N-OCTANE

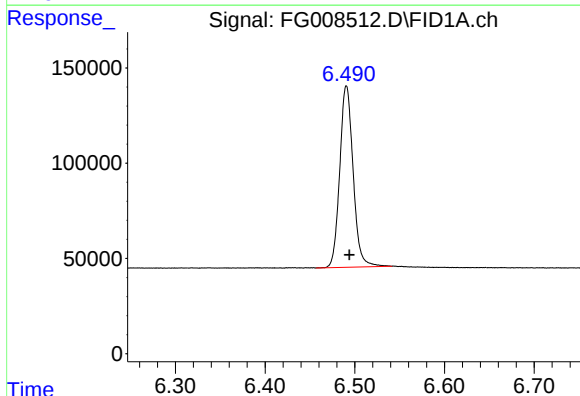
R.T.: 2.359 min
Delta R.T.: 0.003 min
Response: 981050
Conc: 6.57 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT3-2021



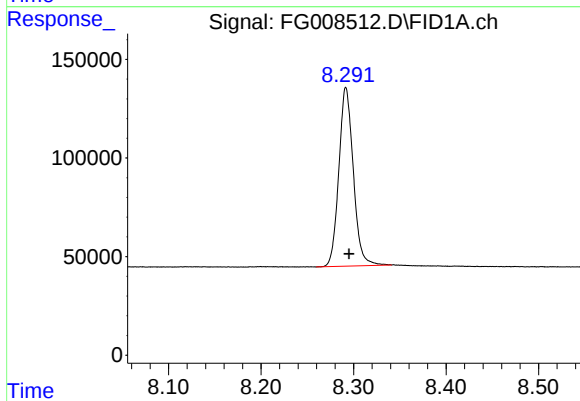
#2 N-DECANE

R.T.: 4.464 min
Delta R.T.: -0.002 min
Response: 970054
Conc: 6.44 ug/ml



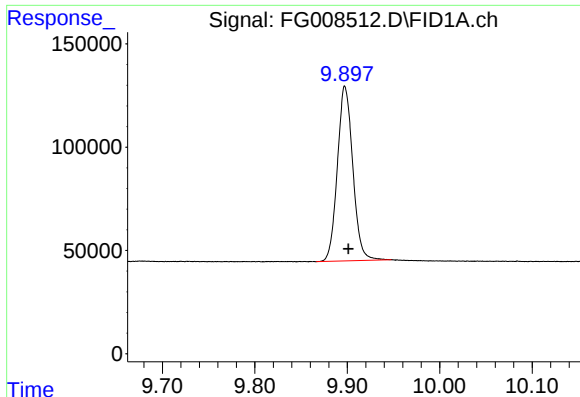
#3 N-DODECANE

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 987475
Conc: 6.42 ug/ml



#4 N-TETRADECANE

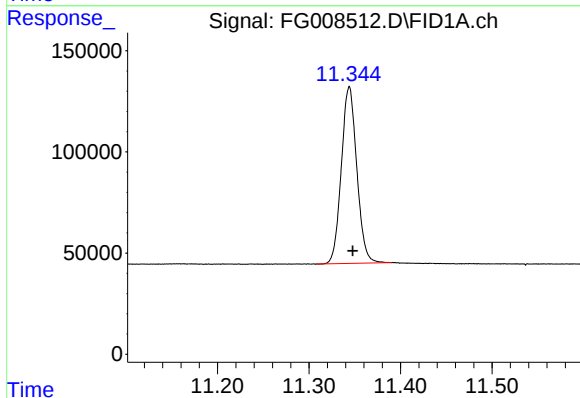
R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 985060
Conc: 6.32 ug/ml



#5 N-HEXADECANE

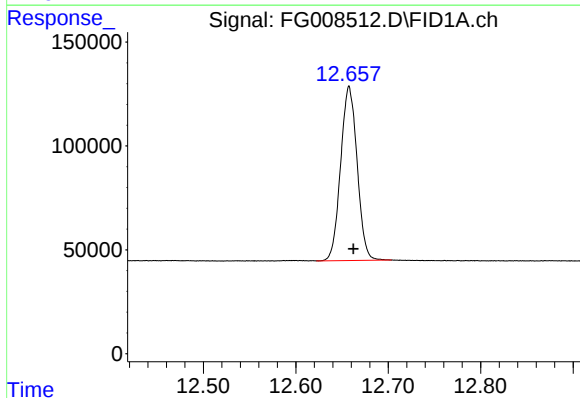
R.T.: 9.898 min
Delta R.T.: -0.004 min
Response: 981138
Conc: 6.32 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT3-2021



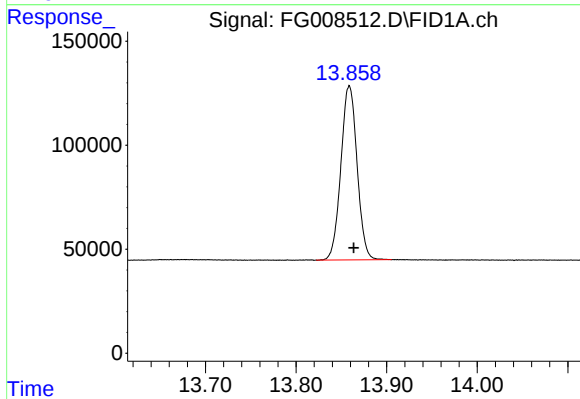
#6 N-OCTADECANE

R.T.: 11.344 min
Delta R.T.: -0.004 min
Response: 1026567
Conc: 6.35 ug/ml



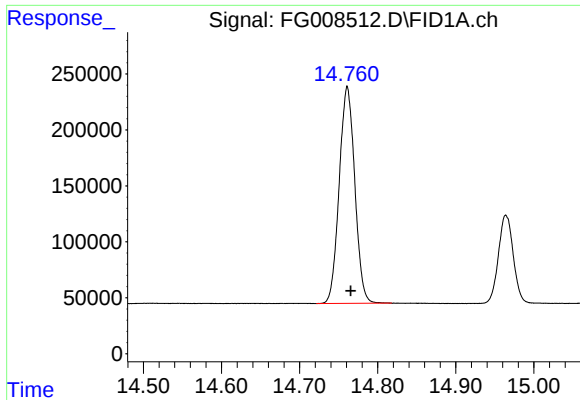
#7 N-EICOSANE

R.T.: 12.658 min
Delta R.T.: -0.005 min
Response: 1039431
Conc: 6.38 ug/ml



#8 N-DOCOSANE

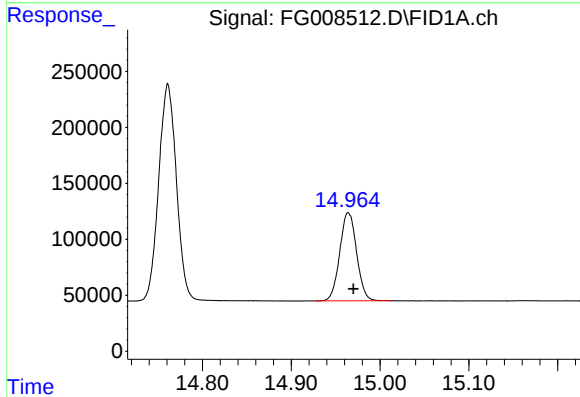
R.T.: 13.859 min
Delta R.T.: -0.005 min
Response: 1040116
Conc: 6.38 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

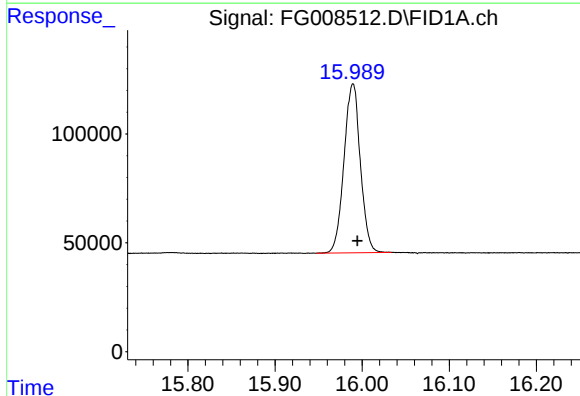
R.T.: 14.761 min
Delta R.T.: -0.004 min
Response: 2684863
Conc: 18.84 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT3-2021



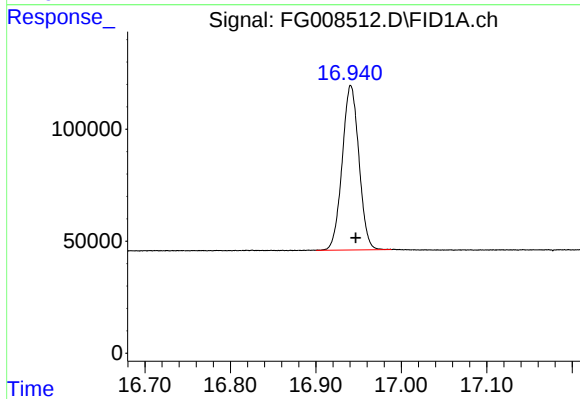
#10 N-TETRACOSANE

R.T.: 14.964 min
Delta R.T.: -0.006 min
Response: 1040720
Conc: 6.35 ug/ml



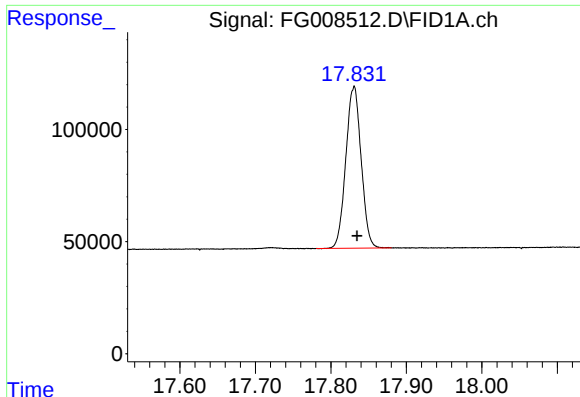
#11 N-HEXACOSANE

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 1012007
Conc: 6.24 ug/ml



#12 N-OCTACOSANE

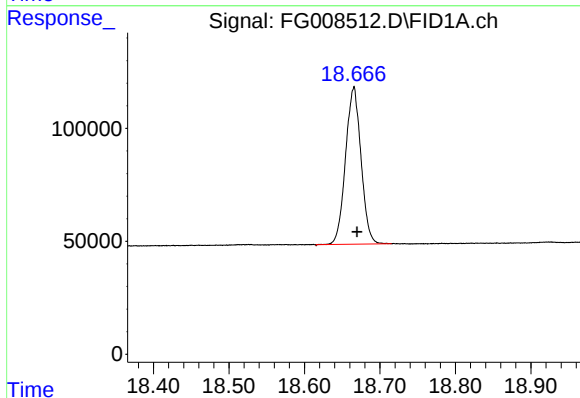
R.T.: 16.941 min
Delta R.T.: -0.006 min
Response: 998787
Conc: 6.23 ug/ml



#13 N-TRIACONTANE

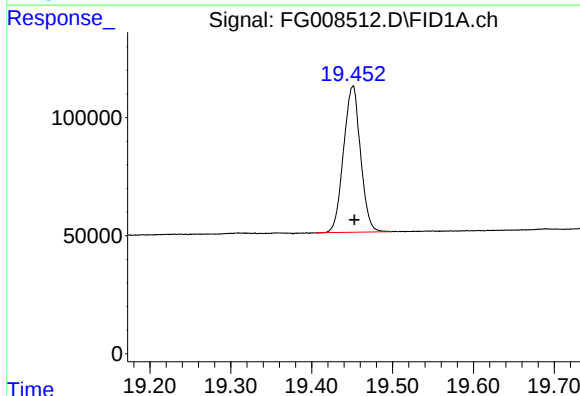
R.T.: 17.831 min
Delta R.T.: -0.004 min
Response: 1016420
Conc: 6.43 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT3-2021



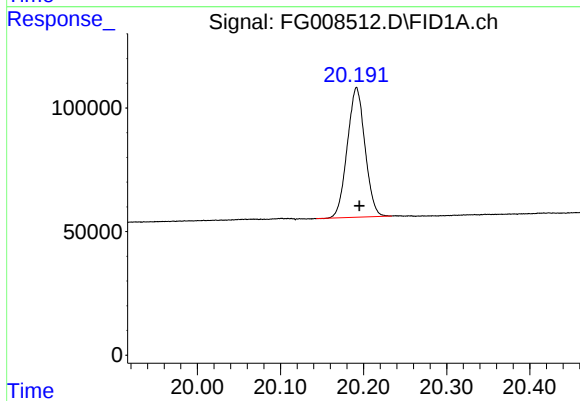
#14 N-DOTRIACONTANE

R.T.: 18.665 min
Delta R.T.: -0.004 min
Response: 988221
Conc: 6.58 ug/ml



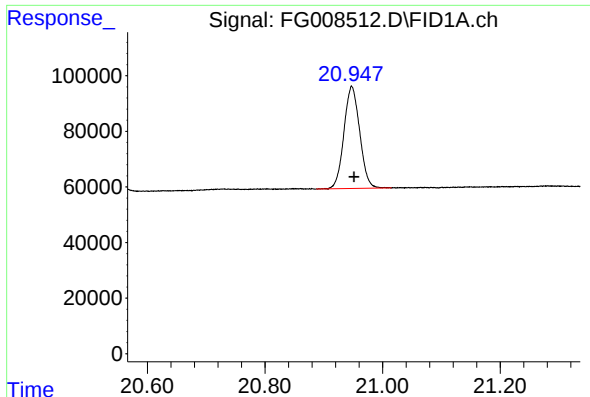
#15 N-TETRATRIACONTANE

R.T.: 19.451 min
Delta R.T.: -0.002 min
Response: 901799
Conc: 6.54 ug/ml



#16 N-HEXATRIACONTANE

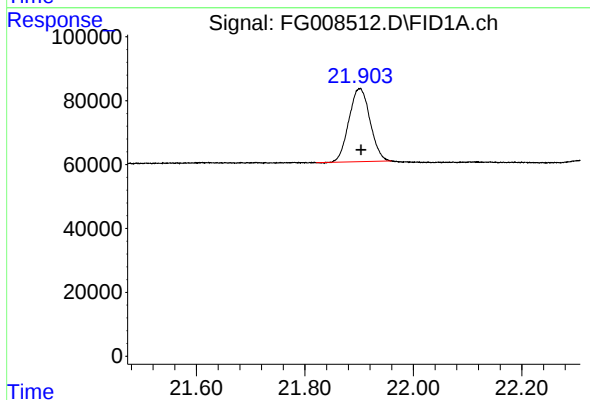
R.T.: 20.192 min
Delta R.T.: -0.003 min
Response: 774836
Conc: 6.58 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 20.948 min
Delta R.T.: -0.004 min
Response: 682713
Conc: 6.84 ug/ml

Instrument :
FID_G
ClientSampleId :
LOQ-WATER-05-QT3-2021



#18 N-TETRACONTANE

R.T.: 21.902 min
Delta R.T.: -0.002 min
Response: 618035
Conc: 6.82 ug/ml