

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG073124\
 Data File : FG013990.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jul 2024 12:51
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 01 03:02:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG072324.M
 Quant Title :
 QLast Update : Tue Jul 23 14:43:06 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...	14.950	1404327	11.609 ug/ml
Target Compounds			
1) N-OCTANE	1.966	146772	1.220 ug/ml
2) N-DECANE	4.471	159147	1.276 ug/ml
3) N-DODECANE	6.644	155785	1.181 ug/ml
4) N-TETRADECANE	8.477	167640	1.282 ug/ml
5) N-HEXADECANE	10.087	165843	1.244 ug/ml
6) N-OCTADECANE	11.534	167099	1.223 ug/ml
7) N-EICOSANE	12.847	168730	1.262 ug/ml
8) N-DOCOSANE	14.048	168532	1.280 ug/ml
10) N-TETRACOSANE	15.153	166988	1.279 ug/ml
11) N-HEXACOSANE	16.178	168012	1.308 ug/ml
12) N-OCTACOSANE	17.130	172938	1.363 ug/ml
13) N-TRIACONTANE	18.020	193894	1.541 ug/ml
14) N-DOTRIACONTANE	18.855	202504	1.660 ug/ml
15) N-TETRATRIACONTANE	19.641	182078	1.809 ug/ml
16) N-HEXATRIACONTANE	20.383	154841	1.853 ug/ml
17) N-OCTATRIACONTANE	21.115	149771	2.008 ug/ml
18) N-TETRACONTANE	22.016	138746	2.002 ug/ml

(f)=RT Delta > 1/2 Window

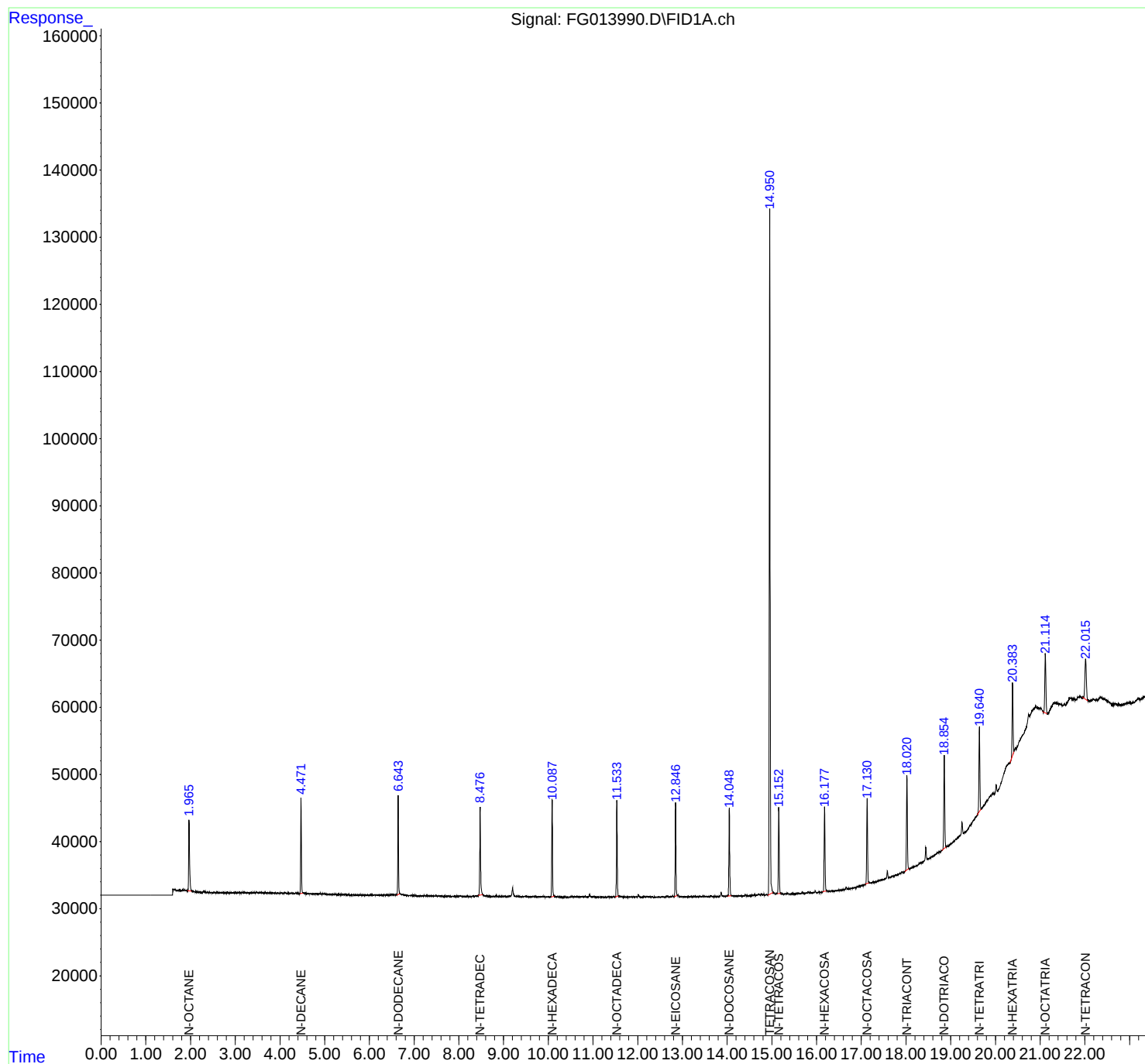
(m)=manual int.

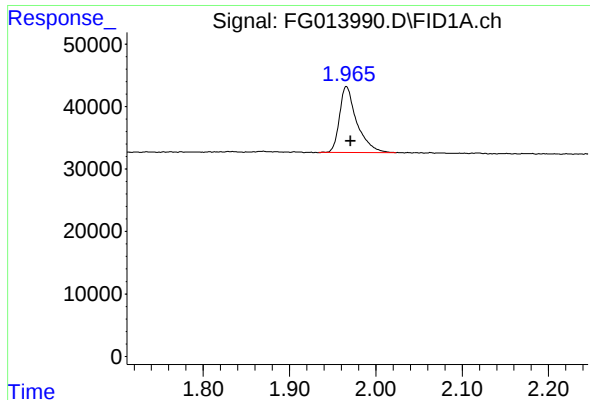
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

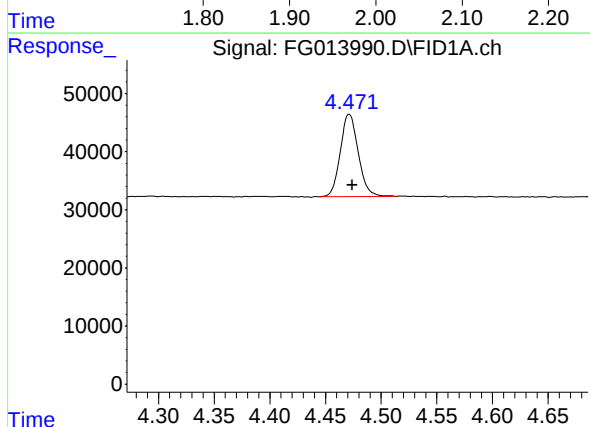
R.T.: 1.966 min
Delta R.T.: -0.005 min
Response: 146772
Conc: 1.22 ug/ml

Instrument :

FID_G

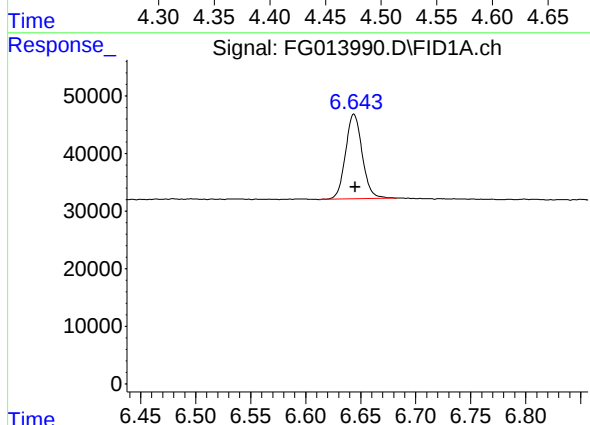
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



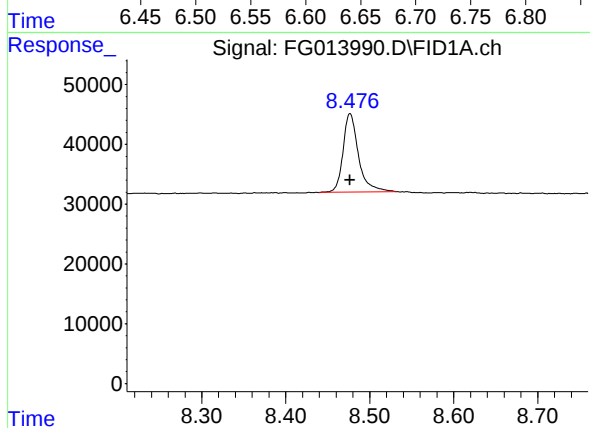
#2 N-DECANE

R.T.: 4.471 min
Delta R.T.: -0.003 min
Response: 159147
Conc: 1.28 ug/ml



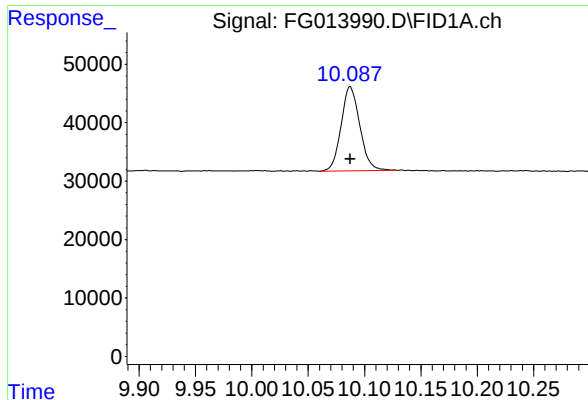
#3 N-DODECANE

R.T.: 6.644 min
Delta R.T.: -0.001 min
Response: 155785
Conc: 1.18 ug/ml



#4 N-TETRADECANE

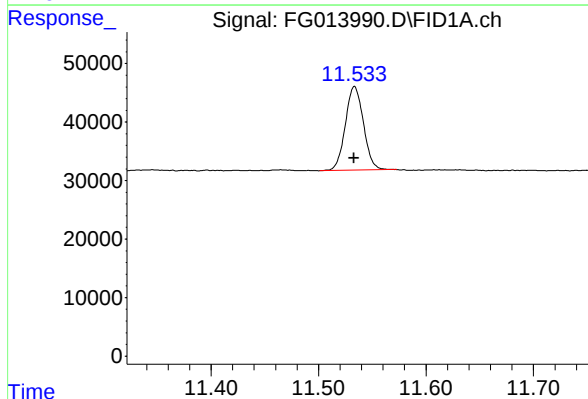
R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 167640
Conc: 1.28 ug/ml



#5 N-HEXADECANE

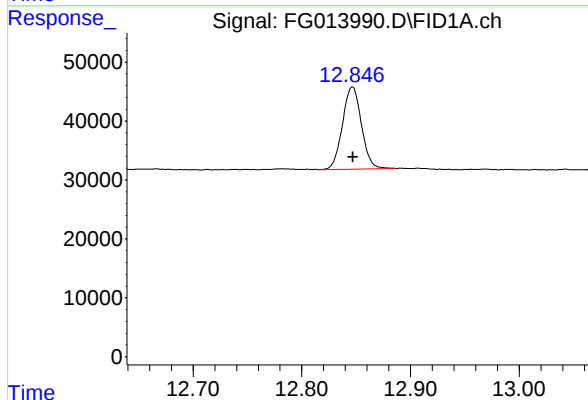
R.T.: 10.087 min
Delta R.T.: 0.000 min
Response: 165843
Conc: 1.24 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT3-2024



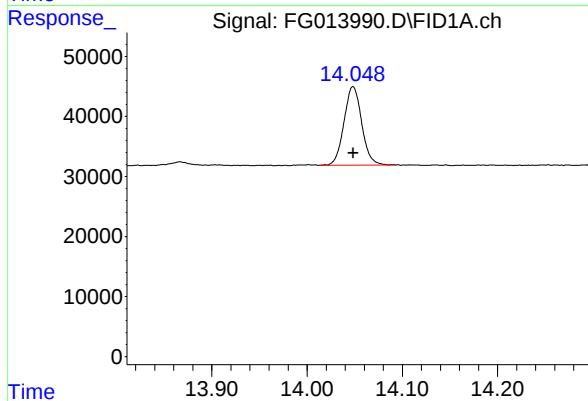
#6 N-OCTADECANE

R.T.: 11.534 min
Delta R.T.: 0.000 min
Response: 167099
Conc: 1.22 ug/ml



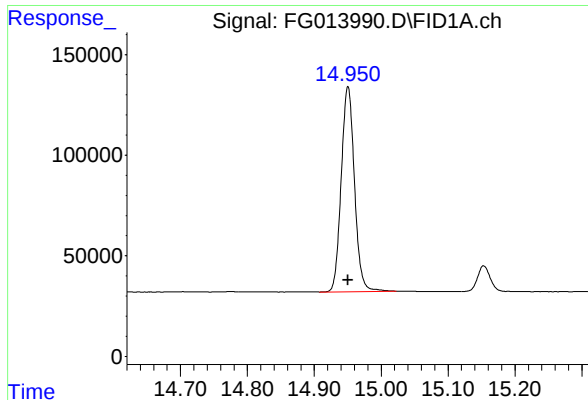
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: 0.000 min
Response: 168730
Conc: 1.26 ug/ml



#8 N-DOCOSANE

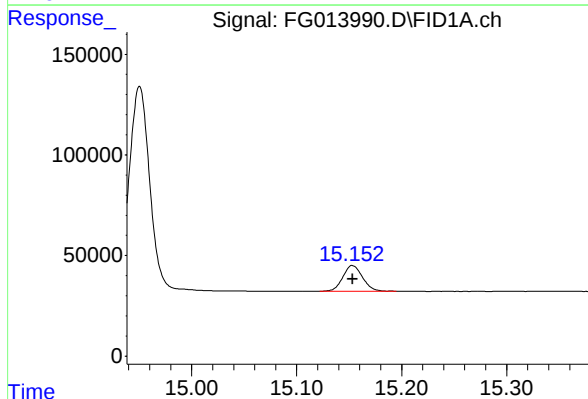
R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 168532
Conc: 1.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

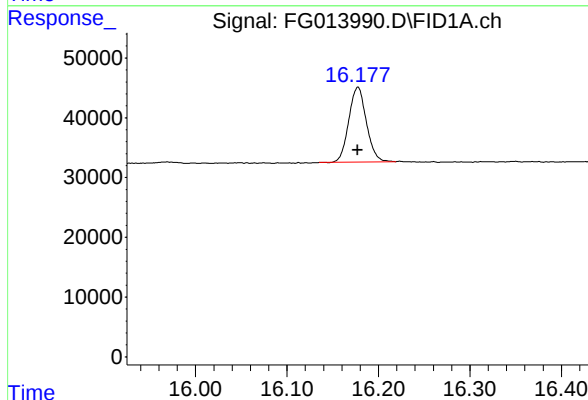
R.T.: 14.950 min
Delta R.T.: 0.000 min
Response: 1404327
Conc: 11.61 ug/ml

Instrument : FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT3-2024



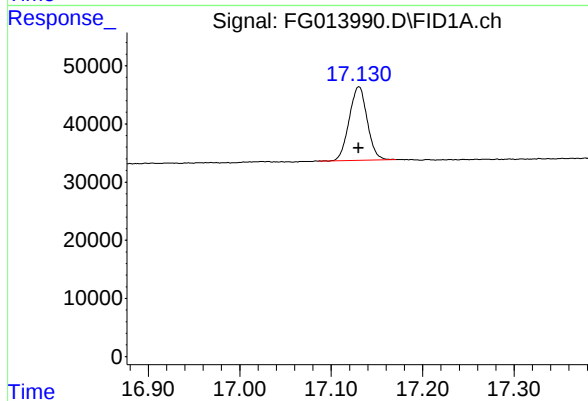
#10 N-TETRACOSANE

R.T.: 15.153 min
Delta R.T.: 0.000 min
Response: 166988
Conc: 1.28 ug/ml



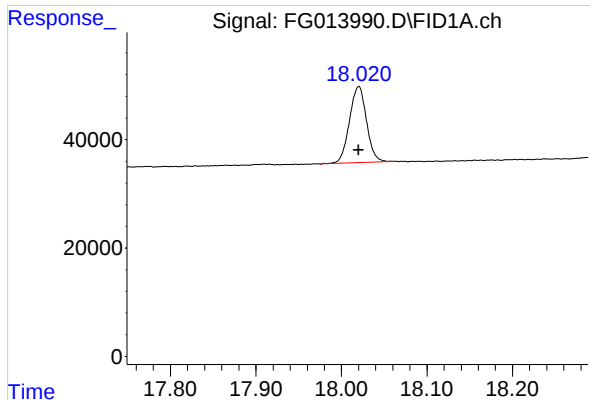
#11 N-HEXACOSANE

R.T.: 16.178 min
Delta R.T.: 0.000 min
Response: 168012
Conc: 1.31 ug/ml



#12 N-OCTACOSANE

R.T.: 17.130 min
Delta R.T.: 0.000 min
Response: 172938
Conc: 1.36 ug/ml



#13 N-TRIACONTANE

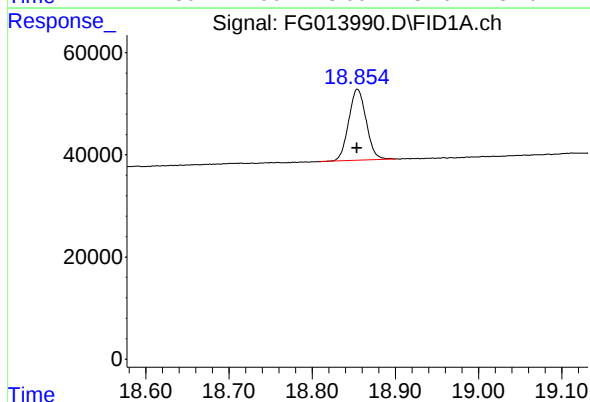
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 193894
Conc: 1.54 ug/ml

Instrument :

FID_G

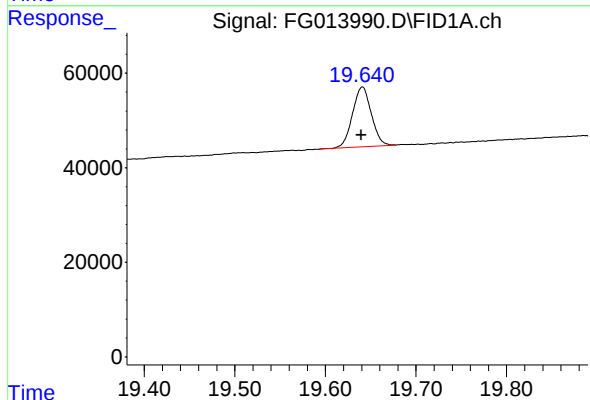
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



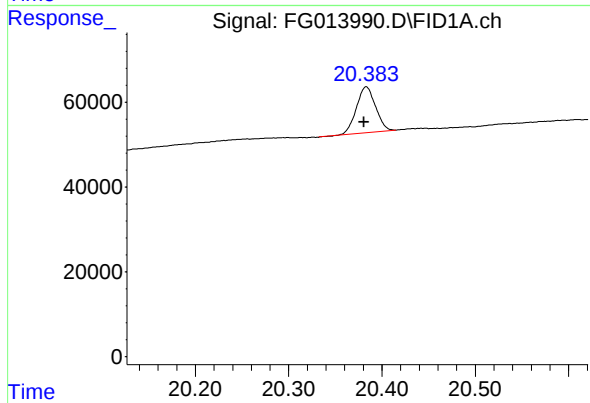
#14 N-DOTRIACONTANE

R.T.: 18.855 min
Delta R.T.: 0.000 min
Response: 202504
Conc: 1.66 ug/ml



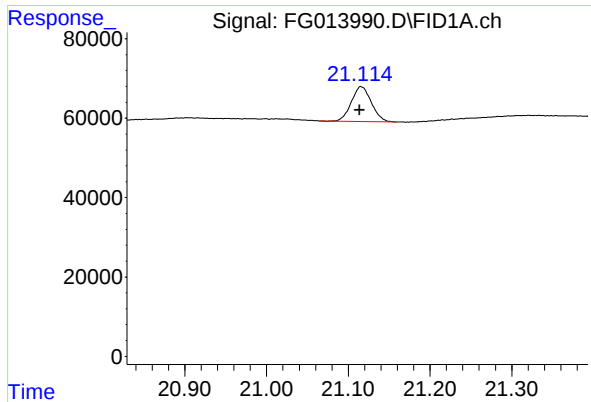
#15 N-TETRATRIACONTANE

R.T.: 19.641 min
Delta R.T.: 0.001 min
Response: 182078
Conc: 1.81 ug/ml



#16 N-HEXATRIACONTANE

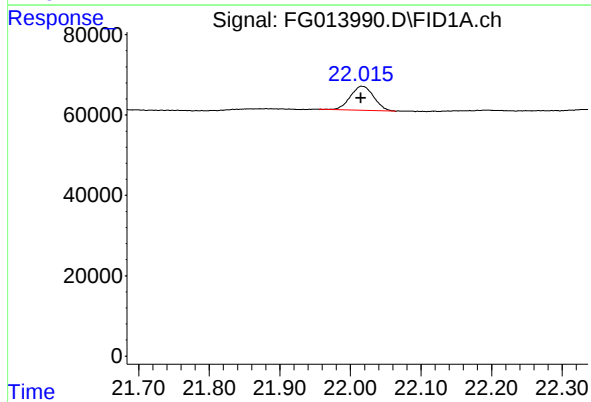
R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 154841
Conc: 1.85 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.115 min
Delta R.T.: 0.001 min
Response: 149771
Conc: 2.01 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT3-2024



#18 N-TETRACONTANE

R.T.: 22.016 min
Delta R.T.: 0.000 min
Response: 138746
Conc: 2.00 ug/ml