

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016037.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 05:19
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 11 06:00:16 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...	14.970	2211063	18.040 ug/ml
Target Compounds			
1) N-OCTANE	1.952	93360	0.794 ug/ml
2) N-DECANE	4.475	73822	0.628 ug/ml
3) N-DODECANE	6.659	58228	0.480 ug/ml
4) N-TETRADECANE	8.497	71704	0.562 ug/ml
5) N-HEXADECANE	10.110	85835	0.644 ug/ml
6) N-OCTADECANE	11.554	108145	0.784 ug/ml
7) N-EICOSANE	12.866	129949	0.920 ug/ml
8) N-DOCOSANE	14.066	139018	1.012 ug/ml
10) N-TETRACOSANE	15.173	159462	1.160 ug/ml
11) N-HEXACOSANE	16.198	148165	1.091 ug/ml
12) N-OCTACOSANE	17.150	161147	1.195 ug/ml
13) N-TRIACONTANE	18.039	187855	1.377 ug/ml
14) N-DOTRIACONTANE	18.873	202855	1.515 ug/ml
15) N-TETRATRIACONTANE	19.657	158822	1.310 ug/ml
16) N-HEXATRIACONTANE	20.400	114177	1.069 ug/ml
17) N-OCTATRIACONTANE	21.134	99874	1.041 ug/ml
18) N-TETRACONTANE	22.040	63099	0.717 ug/ml

(f)=RT Delta > 1/2 Window

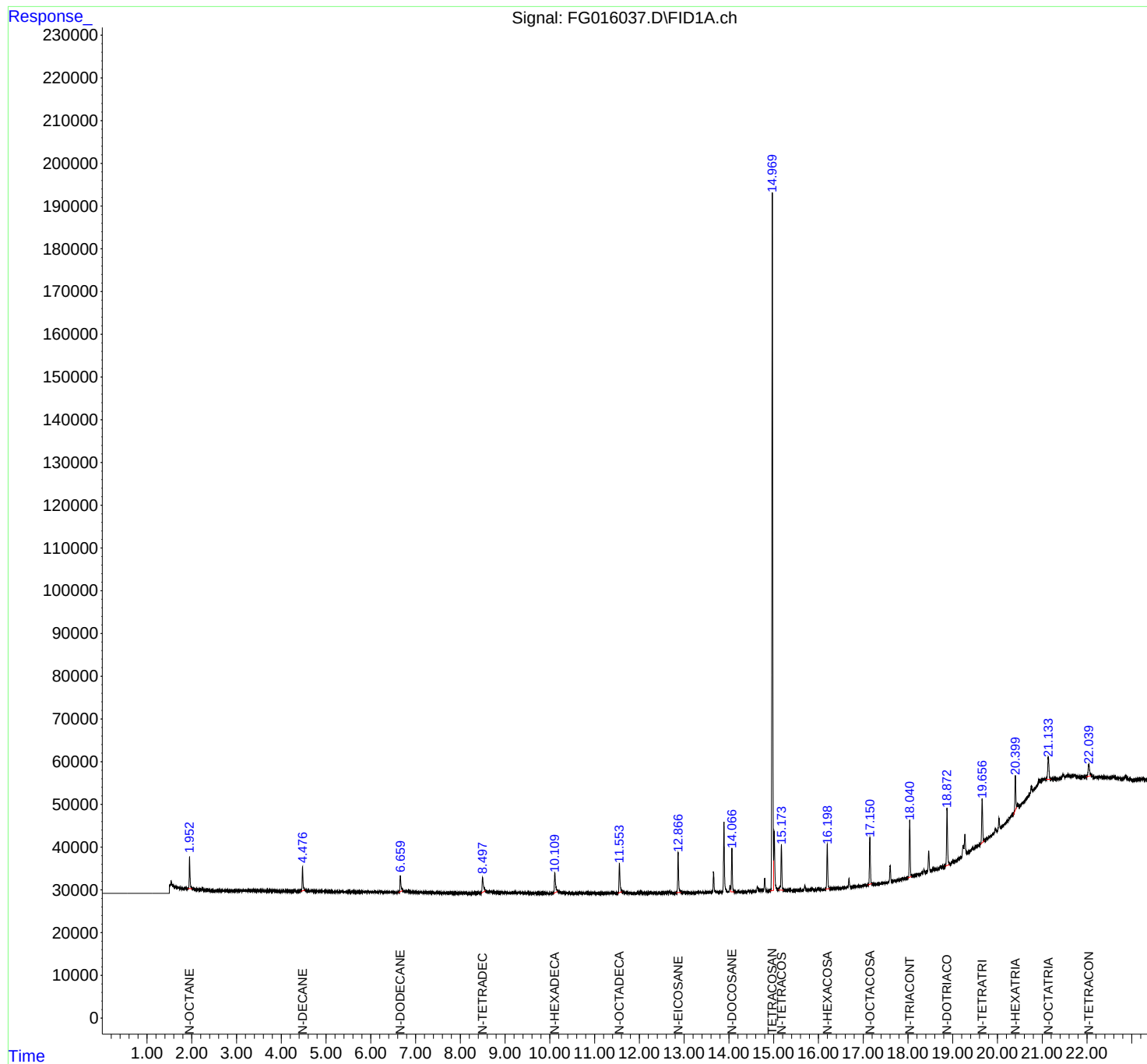
(m)=manual int.

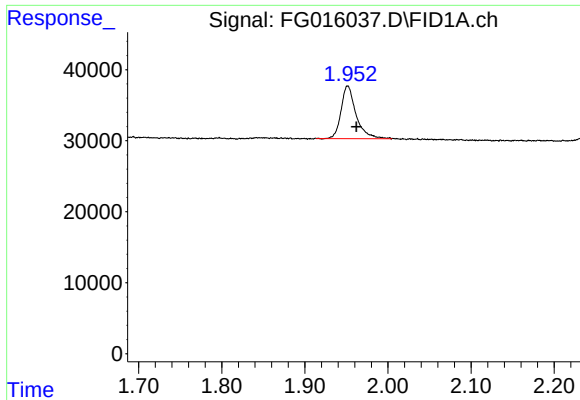
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

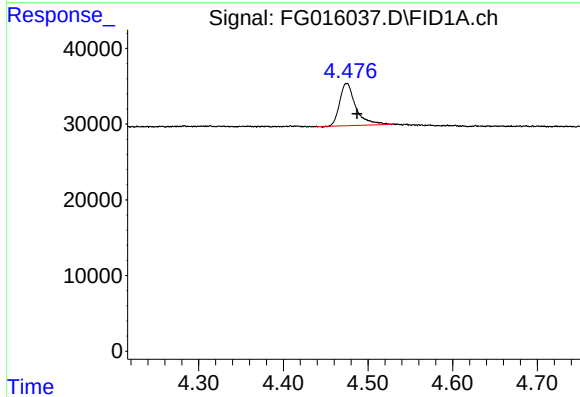




#1 N-OCTANE

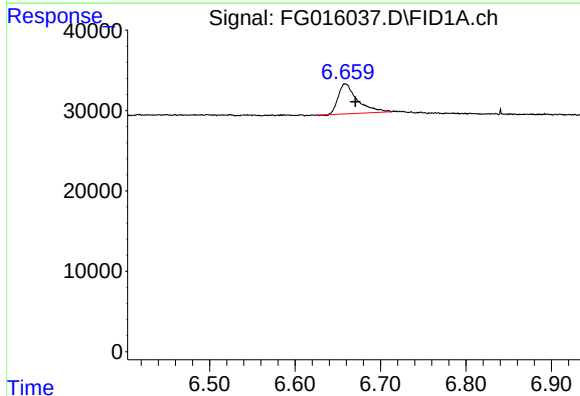
R.T.: 1.952 min
Delta R.T.: -0.010 min
Response: 93360
Conc: 0.79 ug/ml

Instrument :
FID_G
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LOD-MDL-WATER-01-QT2-2025



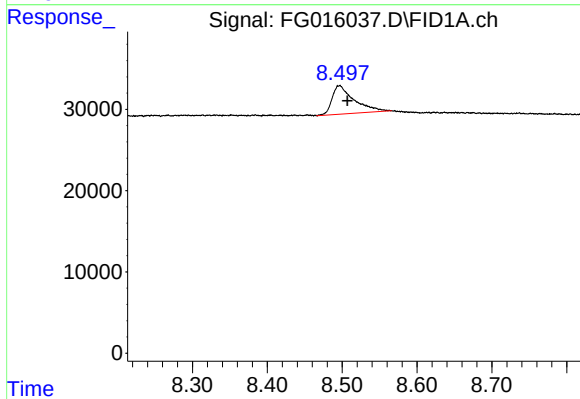
#2 N-DECANE

R.T.: 4.475 min
Delta R.T.: -0.012 min
Response: 73822
Conc: 0.63 ug/ml



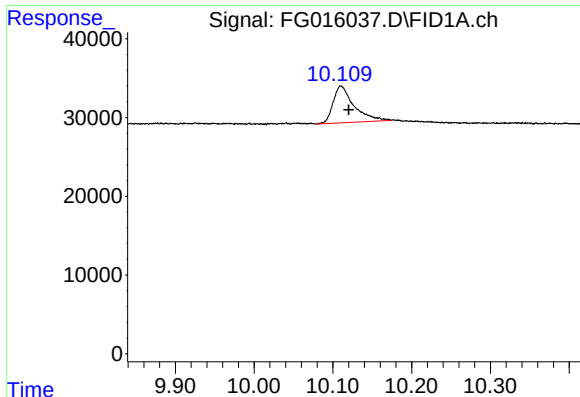
#3 N-DODECANE

R.T.: 6.659 min
Delta R.T.: -0.012 min
Response: 58228
Conc: 0.48 ug/ml



#4 N-TETRADECANE

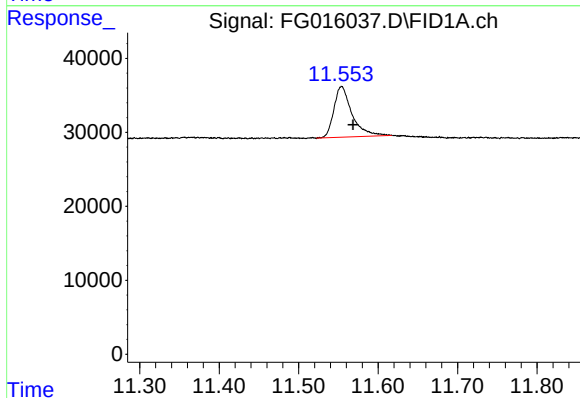
R.T.: 8.497 min
Delta R.T.: -0.010 min
Response: 71704
Conc: 0.56 ug/ml



#5 N-HEXADECANE

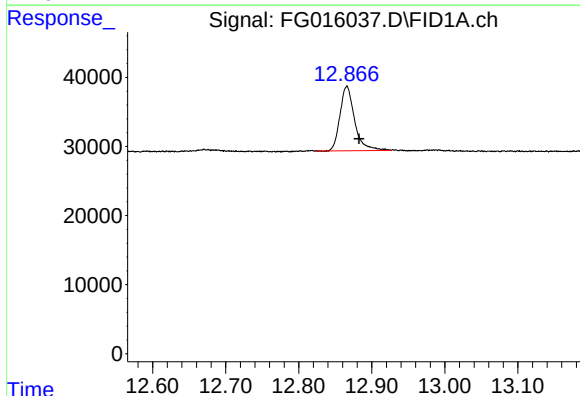
R.T.: 10.110 min
Delta R.T.: -0.010 min
Response: 85835
Conc: 0.64 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



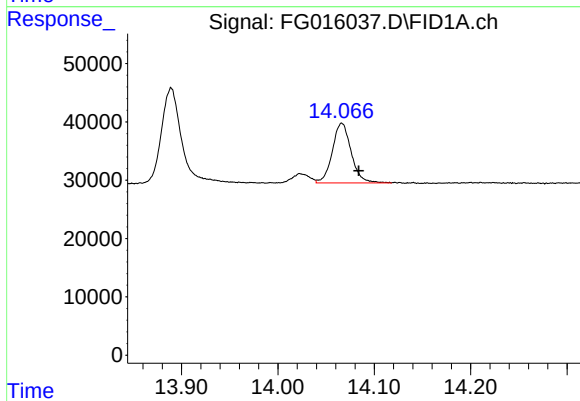
#6 N-OCTADECANE

R.T.: 11.554 min
Delta R.T.: -0.014 min
Response: 108145
Conc: 0.78 ug/ml



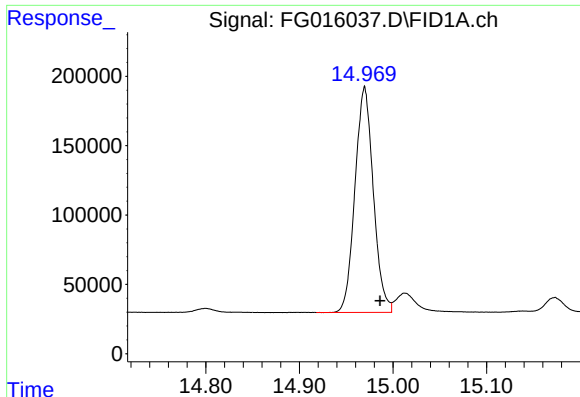
#7 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.017 min
Response: 129949
Conc: 0.92 ug/ml



#8 N-DOCOSANE

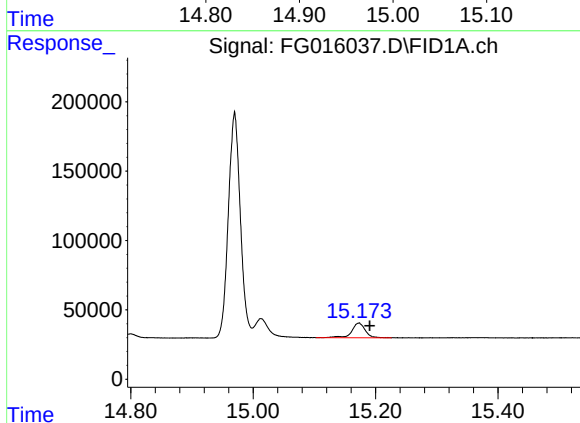
R.T.: 14.066 min
Delta R.T.: -0.017 min
Response: 139018
Conc: 1.01 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

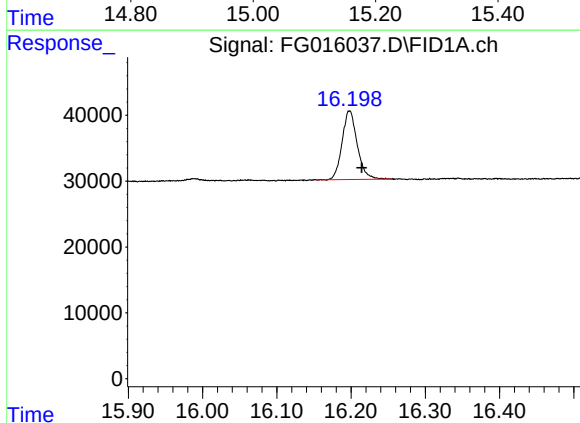
R.T.: 14.970 min
Delta R.T.: -0.017 min
Response: 2211063
Conc: 18.04 ug/ml

Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



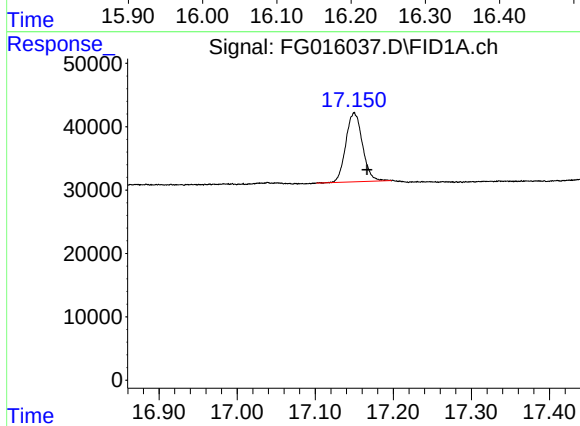
#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: -0.018 min
Response: 159462
Conc: 1.16 ug/ml



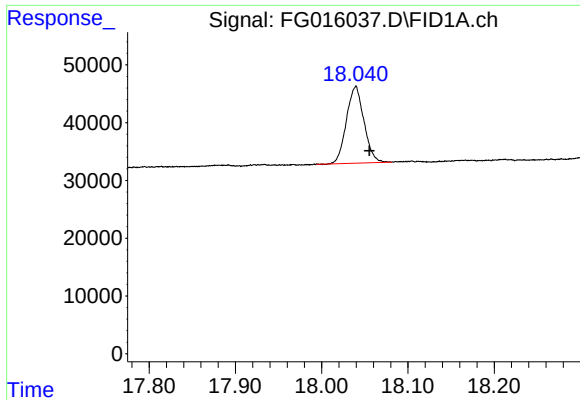
#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: -0.017 min
Response: 148165
Conc: 1.09 ug/ml



#12 N-OCTACOSANE

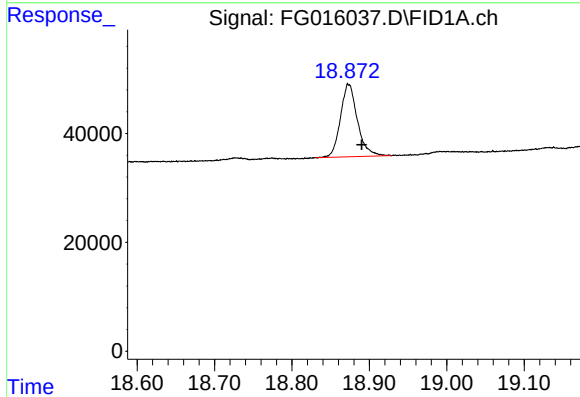
R.T.: 17.150 min
Delta R.T.: -0.016 min
Response: 161147
Conc: 1.20 ug/ml



#13 N-TRIACONTANE

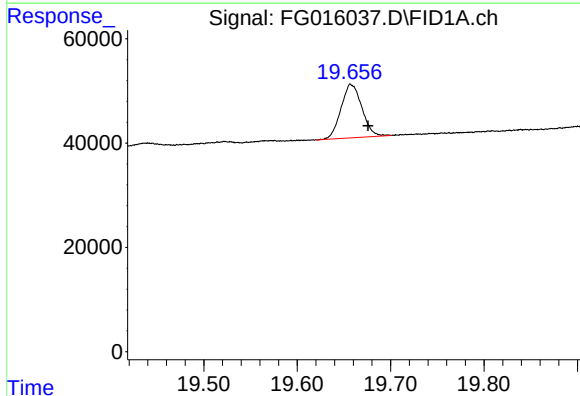
R.T.: 18.039 min
Delta R.T.: -0.016 min
Response: 187855
Conc: 1.38 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



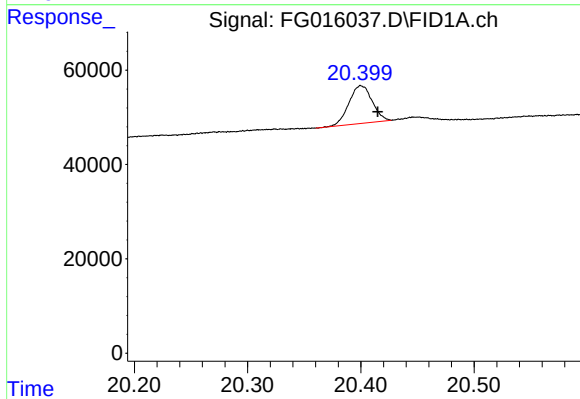
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.017 min
Response: 202855
Conc: 1.51 ug/ml



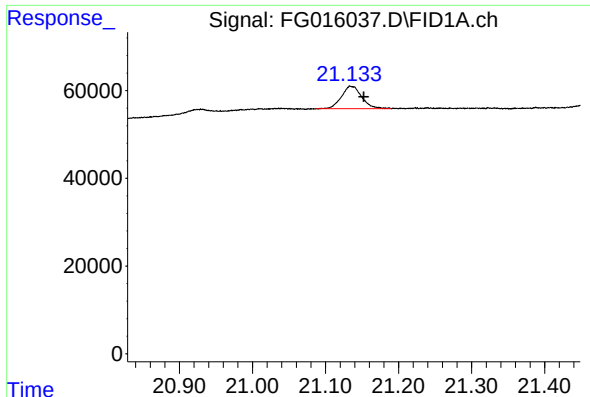
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.019 min
Response: 158822
Conc: 1.31 ug/ml



#16 N-HEXATRIACONTANE

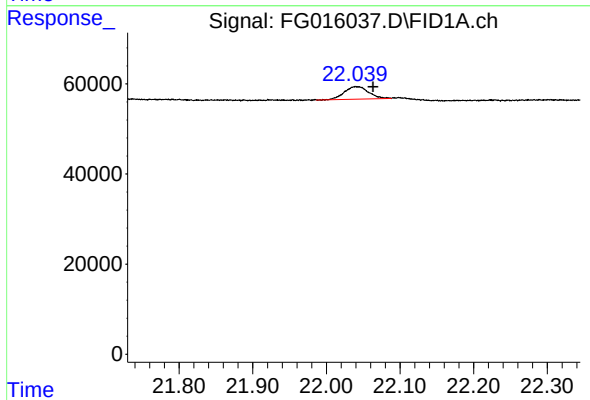
R.T.: 20.400 min
Delta R.T.: -0.015 min
Response: 114177
Conc: 1.07 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.134 min
Delta R.T.: -0.018 min
Response: 99874
Conc: 1.04 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



#18 N-TETRACONTANE

R.T.: 22.040 min
Delta R.T.: -0.024 min
Response: 63099
Conc: 0.72 ug/ml