

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG061025\
 Data File : FG016038.D
 Signal(s) : FID1A.ch
 Acq On : 11 Jun 2025 05:48
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 81 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 11 06:50:45 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...	14.969	2180674	17.793 ug/ml
Target Compounds			
1) N-OCTANE	1.953	247751	2.107 ug/ml
2) N-DECANE	4.474	220062	1.873 ug/ml
3) N-DODECANE	6.657	206019	1.697 ug/ml
4) N-TETRADECANE	8.494	236761	1.854 ug/ml
5) N-HEXADECANE	10.108	264271	1.984 ug/ml
6) N-OCTADECANE	11.553	294986	2.137 ug/ml
7) N-EICOSANE	12.866	312210	2.210 ug/ml
8) N-DOCOSANE	14.066	308915	2.249 ug/ml
10) N-TETRACOSANE	15.173	313412	2.280 ug/ml
11) N-HEXACOSANE	16.198	307610	2.264 ug/ml
12) N-OCTACOSANE	17.150	322305	2.391 ug/ml
13) N-TRIACONTANE	18.038	349214	2.559 ug/ml
14) N-DOTRIACONTANE	18.873	357581	2.670 ug/ml
15) N-TETRATRIACONTANE	19.657	319118	2.632 ug/ml
16) N-HEXATRIACONTANE	20.399	257673	2.413 ug/ml
17) N-OCTATRIACONTANE	21.133	235144	2.450 ug/ml
18) N-TETRACONTANE	22.042	200147	2.276 ug/ml

(f)=RT Delta > 1/2 Window

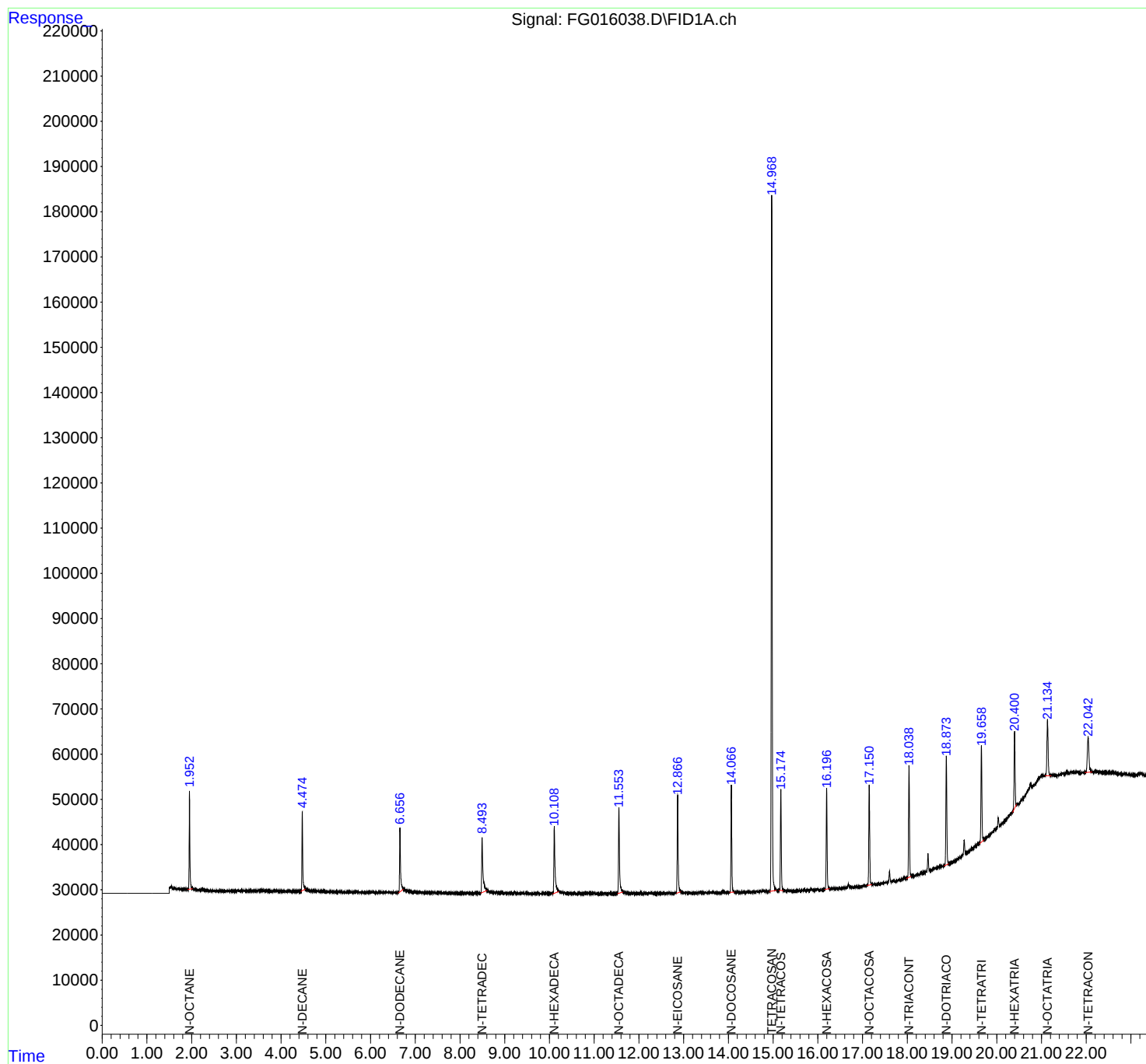
(m)=manual int.

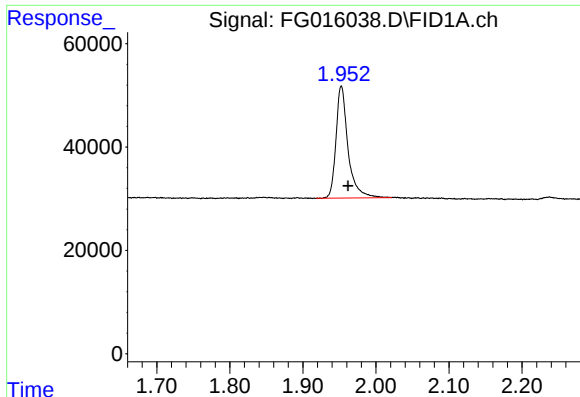
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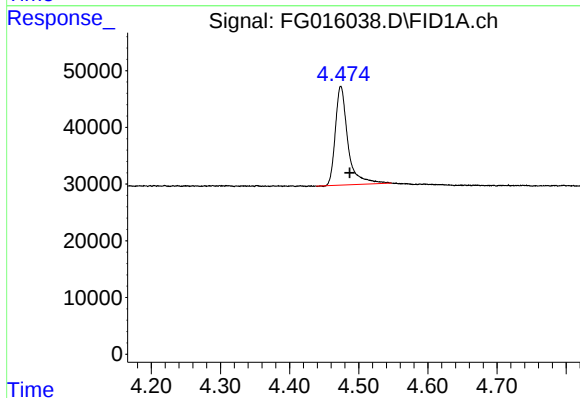




#1 N-OCTANE

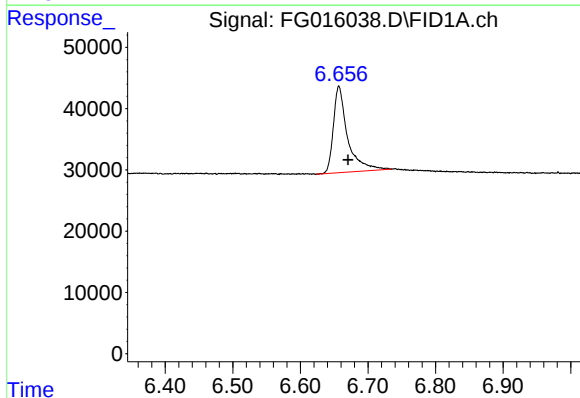
R.T.: 1.953 min
Delta R.T.: -0.009 min
Response: 247751
Conc: 2.11 ug/ml

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



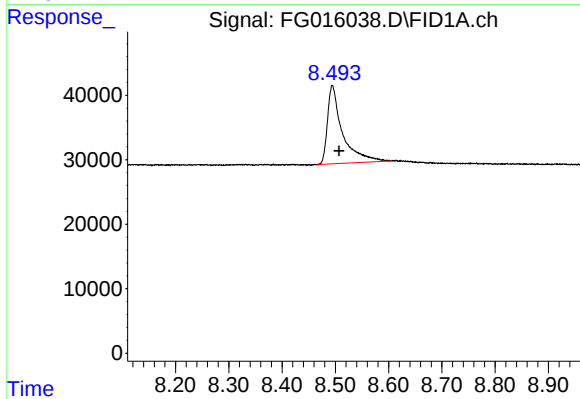
#2 N-DECANE

R.T.: 4.474 min
Delta R.T.: -0.013 min
Response: 220062
Conc: 1.87 ug/ml



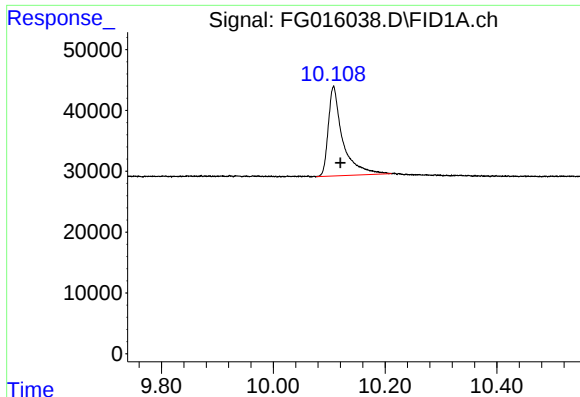
#3 N-DODECANE

R.T.: 6.657 min
Delta R.T.: -0.013 min
Response: 206019
Conc: 1.70 ug/ml



#4 N-TETRADECANE

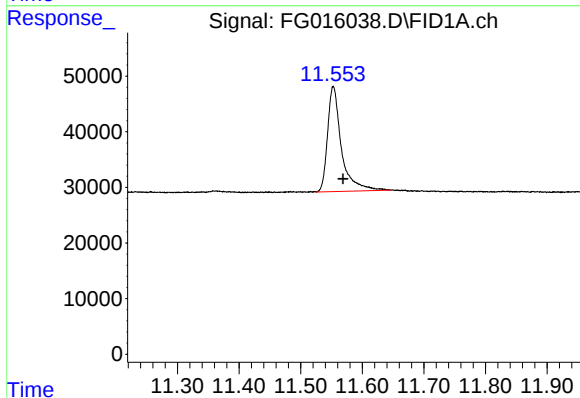
R.T.: 8.494 min
Delta R.T.: -0.013 min
Response: 236761
Conc: 1.85 ug/ml



#5 N-HEXADECANE

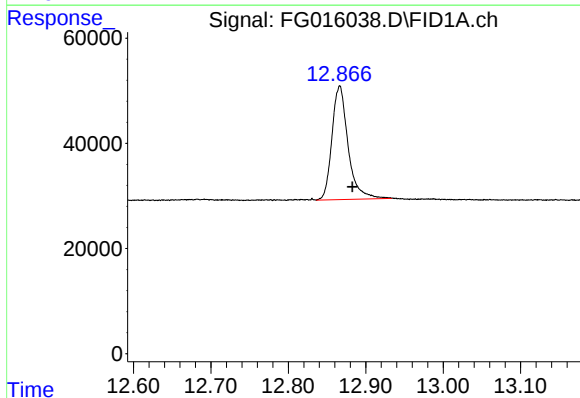
R.T.: 10.108 min
Delta R.T.: -0.012 min
Response: 264271
Conc: 1.98 ug/ml

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



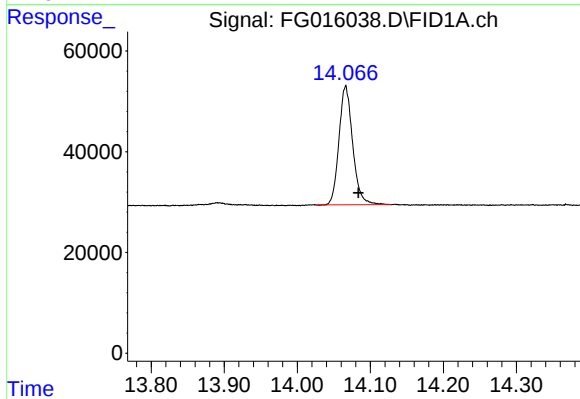
#6 N-OCTADECANE

R.T.: 11.553 min
Delta R.T.: -0.016 min
Response: 294986
Conc: 2.14 ug/ml



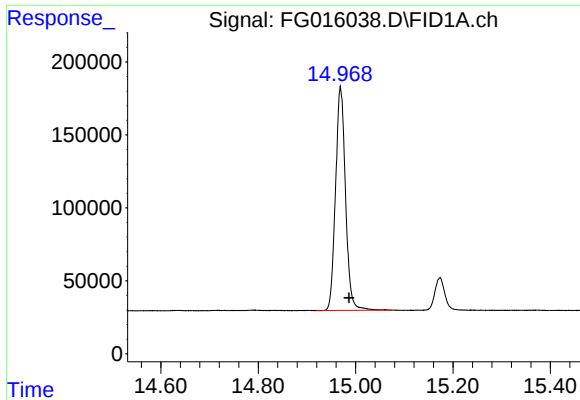
#7 N-EICOSANE

R.T.: 12.866 min
Delta R.T.: -0.016 min
Response: 312210
Conc: 2.21 ug/ml



#8 N-DOCOSANE

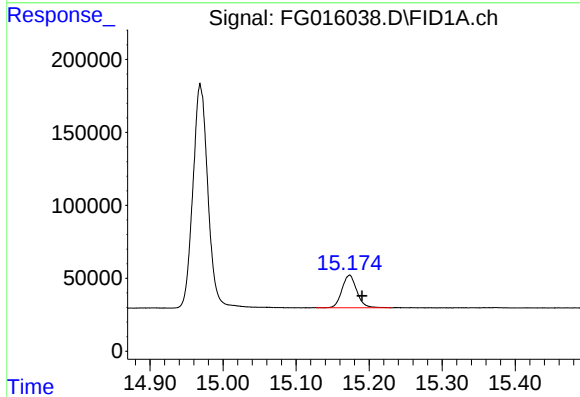
R.T.: 14.066 min
Delta R.T.: -0.018 min
Response: 308915
Conc: 2.25 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

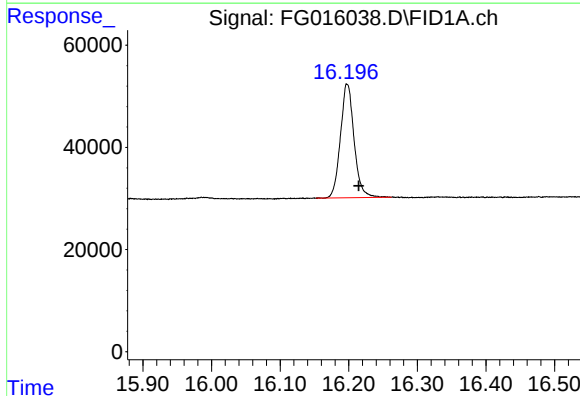
R.T.: 14.969 min
Delta R.T.: -0.017 min
Response: 2180674
Conc: 17.79 ug/ml

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



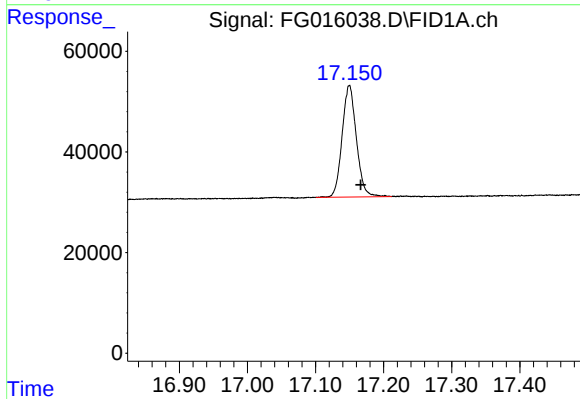
#10 N-TETRACOSANE

R.T.: 15.173 min
Delta R.T.: -0.017 min
Response: 313412
Conc: 2.28 ug/ml



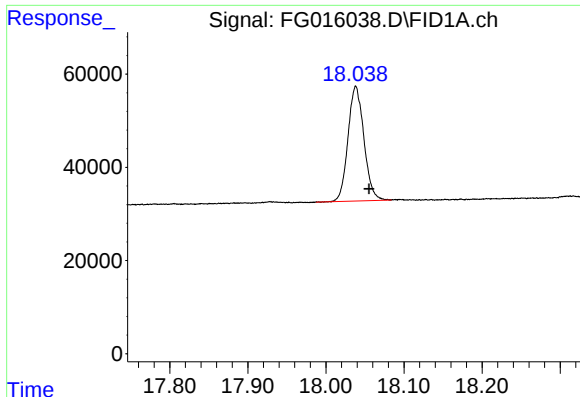
#11 N-HEXACOSANE

R.T.: 16.198 min
Delta R.T.: -0.017 min
Response: 307610
Conc: 2.26 ug/ml



#12 N-OCTACOSANE

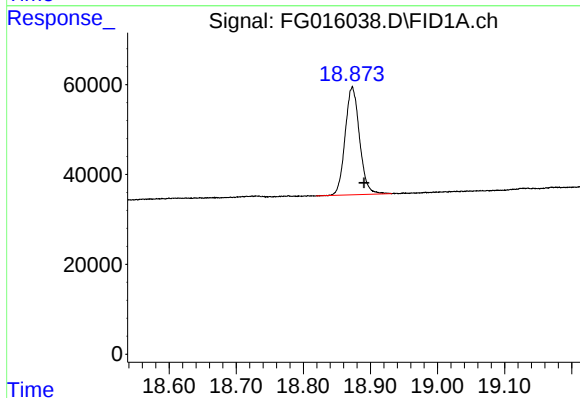
R.T.: 17.150 min
Delta R.T.: -0.017 min
Response: 322305
Conc: 2.39 ug/ml



#13 N-TRIACONTANE

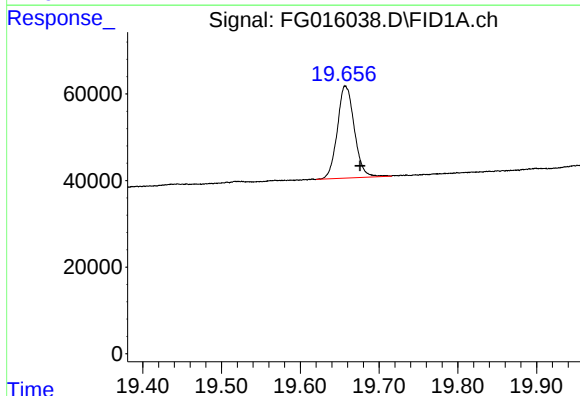
R.T.: 18.038 min
Delta R.T.: -0.017 min
Response: 349214
Conc: 2.56 ug/ml

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



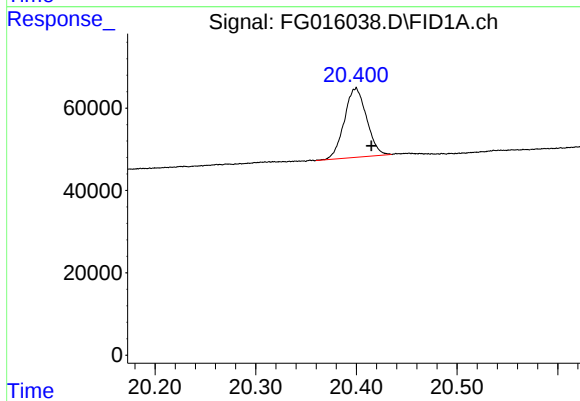
#14 N-DOTRIACONTANE

R.T.: 18.873 min
Delta R.T.: -0.017 min
Response: 357581
Conc: 2.67 ug/ml



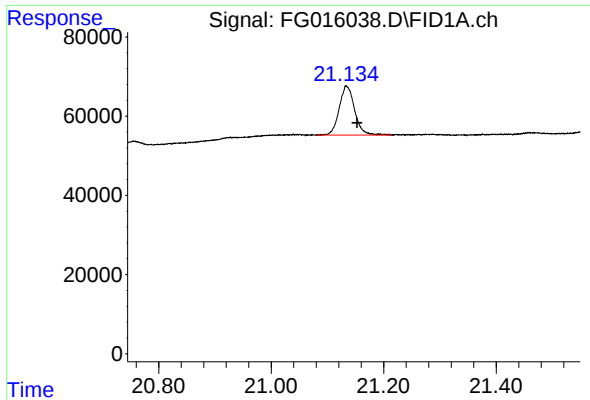
#15 N-TETRATRIACONTANE

R.T.: 19.657 min
Delta R.T.: -0.019 min
Response: 319118
Conc: 2.63 ug/ml



#16 N-HEXATRIACONTANE

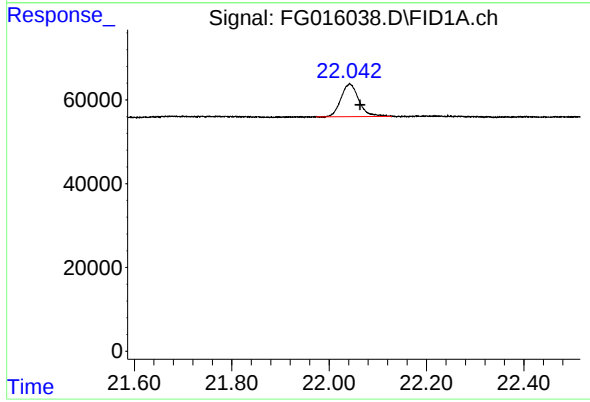
R.T.: 20.399 min
Delta R.T.: -0.016 min
Response: 257673
Conc: 2.41 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.133 min
Delta R.T.: -0.019 min
Response: 235144
Conc: 2.45 ug/ml

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



#18 N-TETRACONTANE

R.T.: 22.042 min
Delta R.T.: -0.021 min
Response: 200147
Conc: 2.28 ug/ml