

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050824\
 Data File : FG013744.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2024 17:01
 Operator : YP\AJ
 Sample : P2403-10
 Misc : 1 PPM WATER LOD
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2024

Integration File: autoint1.e
 Quant Time: May 09 03:15:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG041124.M
 Quant Title :
 QLast Update : Thu Apr 11 13:37:53 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...	15.072	2332787	20.059 ug/ml
Target Compounds			
1) N-OCTANE	2.057	135678	1.108 ug/ml
2) N-DECANE	4.583	156340	1.248 ug/ml
3) N-DODECANE	6.754	160701	1.265 ug/ml
4) N-TETRADECANE	8.588	165859	1.292 ug/ml
5) N-HEXADECANE	10.201	169382	1.309 ug/ml
6) N-OCTADECANE	11.649	173651	1.311 ug/ml
7) N-EICOSANE	12.964	176057	1.307 ug/ml
8) N-DOCOSANE	14.167	170777	1.303 ug/ml
10) N-TETRACOSANE	15.275	172383	1.313 ug/ml
11) N-HEXACOSANE	16.299	165751	1.268 ug/ml
12) N-OCTACOSANE	17.252	163365	1.267 ug/ml
13) N-TRIACONTANE	18.142	169716	1.308 ug/ml
14) N-DOTRIACONTANE	18.979	178153	1.391 ug/ml
15) N-TETRATRIACONTANE	19.763	195059	1.629 ug/ml
16) N-HEXATRIACONTANE	20.506	201231	1.835 ug/ml
17) N-OCTATRIACONTANE	21.262	216152	2.136 ug/ml
18) N-TETRACONTANE	22.206	225111	2.333 ug/ml

(f)=RT Delta > 1/2 Window

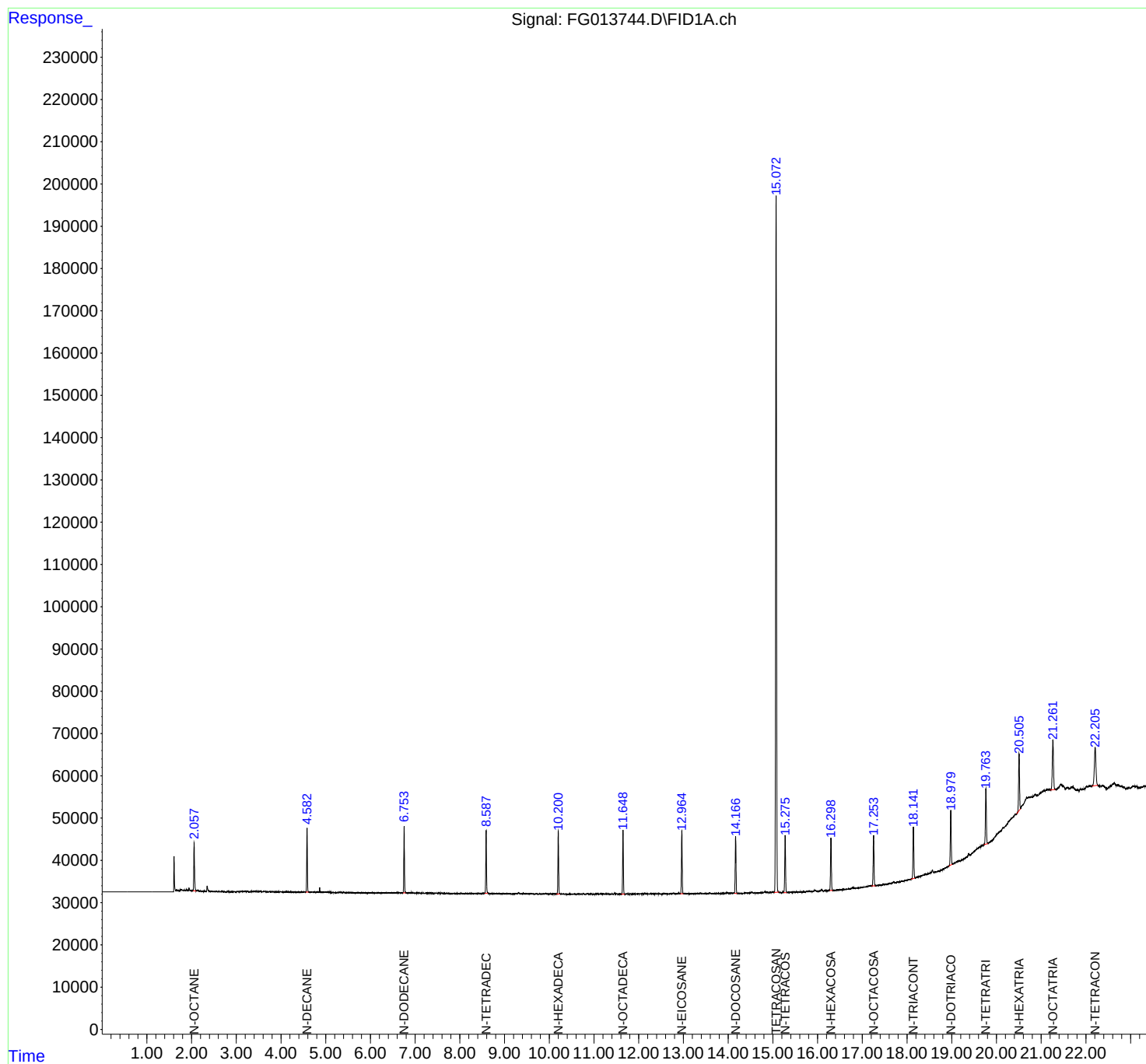
(m)=manual int.

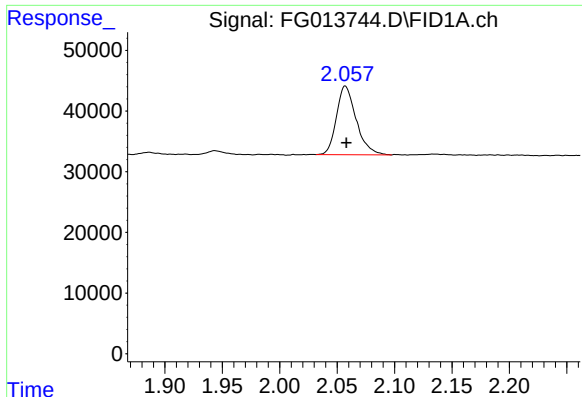
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Signal Phase : Rxi-1ms
Signal Info : 20mx0.18mmx0.18um

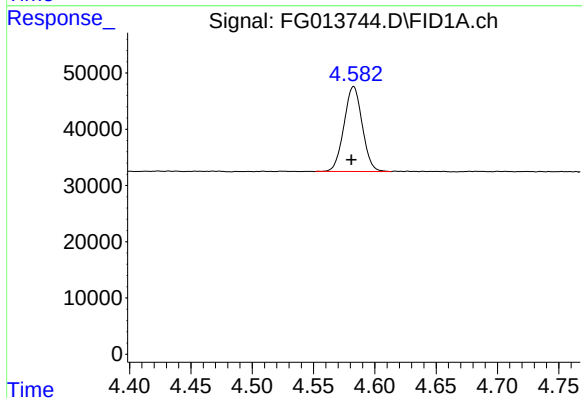




#1 N-OCTANE

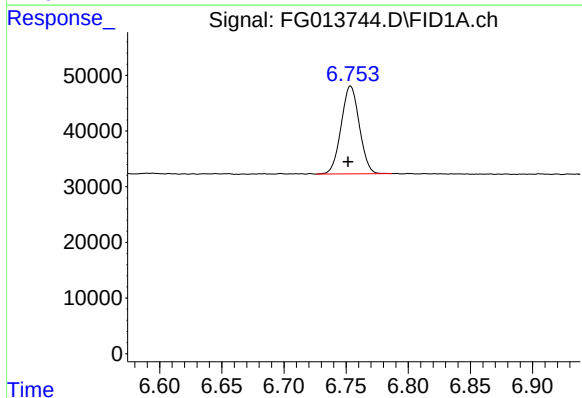
R.T.: 2.057 min
Delta R.T.: 0.000 min
Response: 135678
Conc: 1.11 ug/ml

Instrument :
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LOD-MDL-WATER-04-QT2-2024



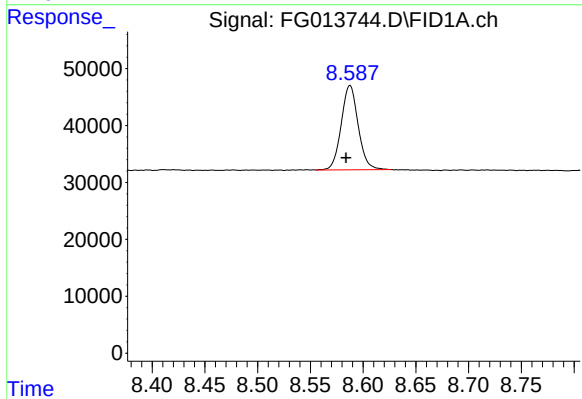
#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 156340
Conc: 1.25 ug/ml



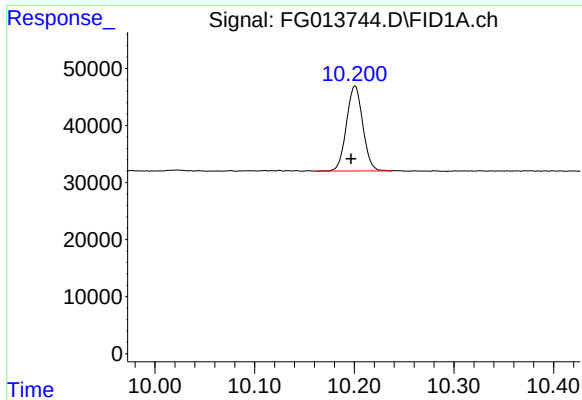
#3 N-DODECANE

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 160701
Conc: 1.26 ug/ml



#4 N-TETRADECANE

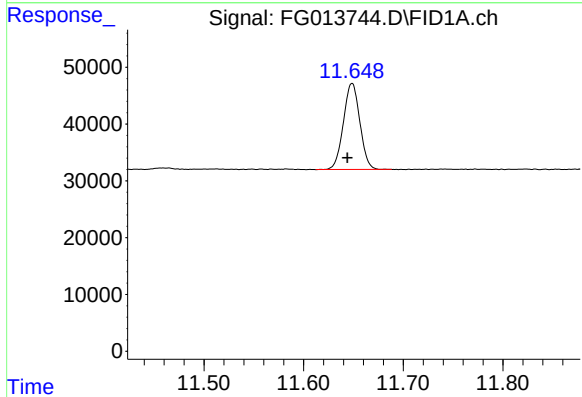
R.T.: 8.588 min
Delta R.T.: 0.004 min
Response: 165859
Conc: 1.29 ug/ml



#5 N-HEXADECANE

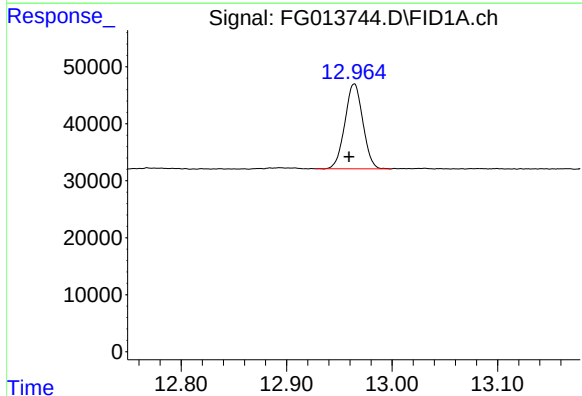
R.T.: 10.201 min
Delta R.T.: 0.004 min
Response: 169382
Conc: 1.31 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2024



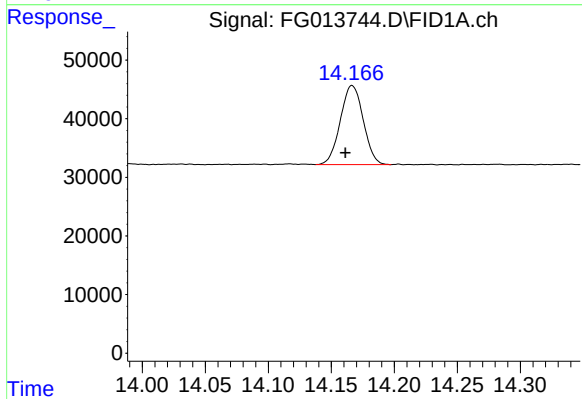
#6 N-OCTADECANE

R.T.: 11.649 min
Delta R.T.: 0.005 min
Response: 173651
Conc: 1.31 ug/ml



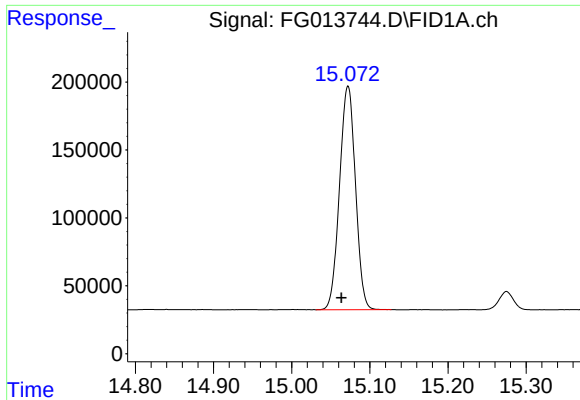
#7 N-EICOSANE

R.T.: 12.964 min
Delta R.T.: 0.005 min
Response: 176057
Conc: 1.31 ug/ml



#8 N-DOCOSANE

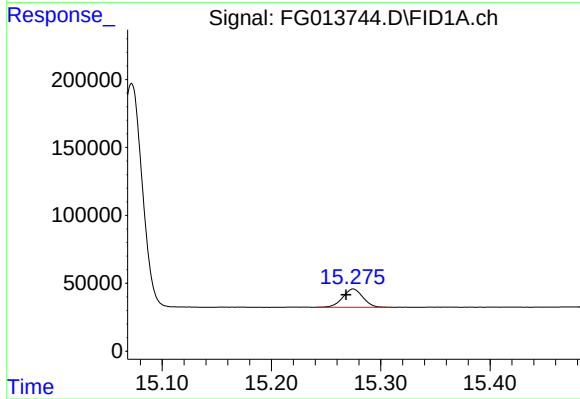
R.T.: 14.167 min
Delta R.T.: 0.005 min
Response: 170777
Conc: 1.30 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

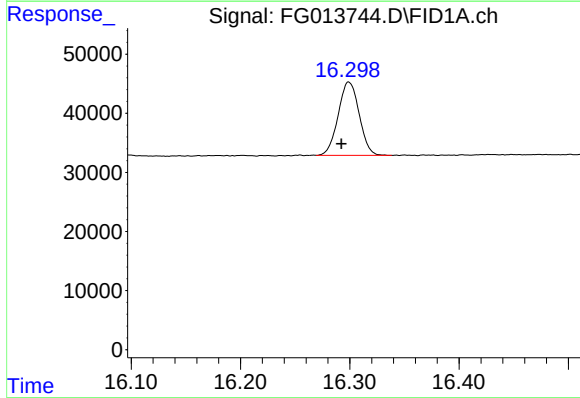
R.T.: 15.072 min
Delta R.T.: 0.009 min
Response: 2332787
Conc: 20.06 ug/ml

Instrument :
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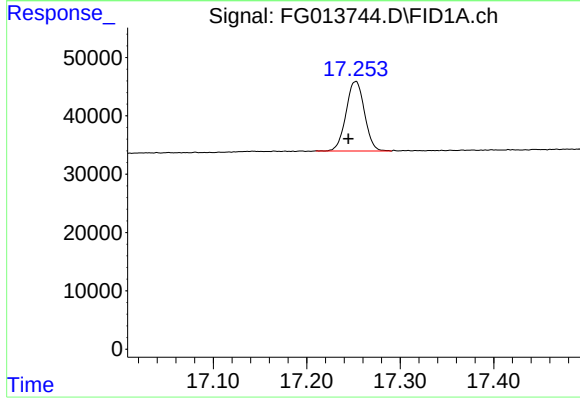
#10 N-TETRACOSANE

R.T.: 15.275 min
Delta R.T.: 0.007 min
Response: 172383
Conc: 1.31 ug/ml



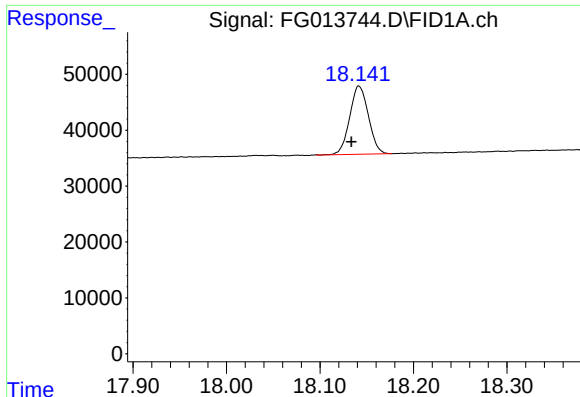
#11 N-HEXACOSANE

R.T.: 16.299 min
Delta R.T.: 0.007 min
Response: 165751
Conc: 1.27 ug/ml



#12 N-OCTACOSANE

R.T.: 17.252 min
Delta R.T.: 0.008 min
Response: 163365
Conc: 1.27 ug/ml



#13 N-TRIACONTANE

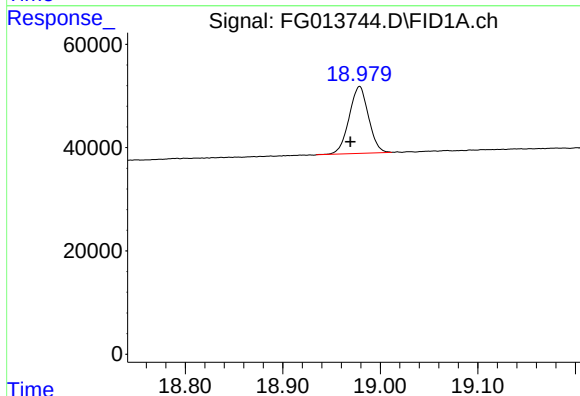
R.T.: 18.142 min
Delta R.T.: 0.008 min
Response: 169716
Conc: 1.31 ug/ml

Instrument :

FID_G

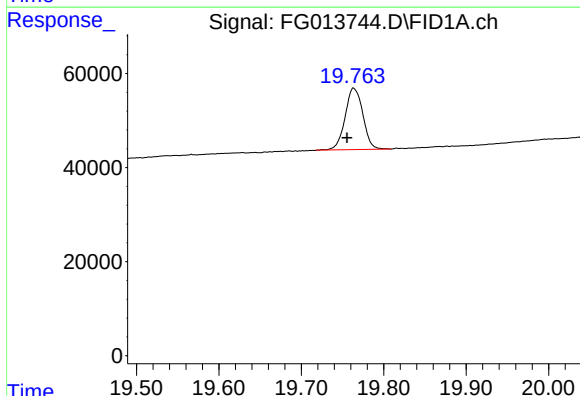
ClientSampleId :

LOD-MDL-WATER-04-QT2-2024



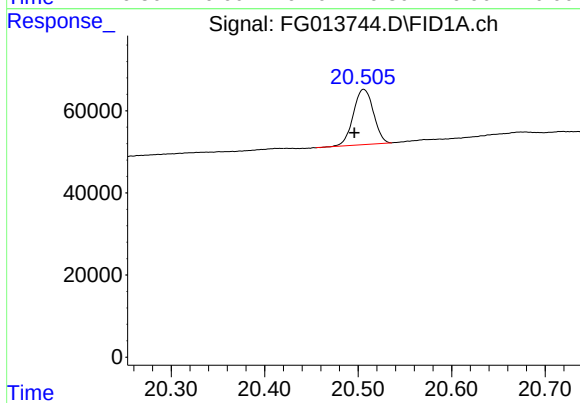
#14 N-DOTRIACONTANE

R.T.: 18.979 min
Delta R.T.: 0.009 min
Response: 178153
Conc: 1.39 ug/ml



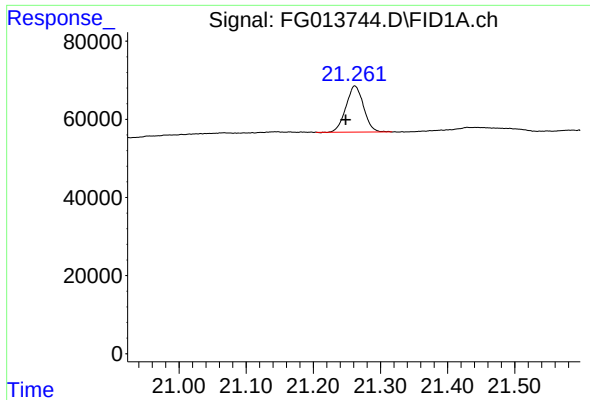
#15 N-TETRATRIACONTANE

R.T.: 19.763 min
Delta R.T.: 0.008 min
Response: 195059
Conc: 1.63 ug/ml



#16 N-HEXATRIACONTANE

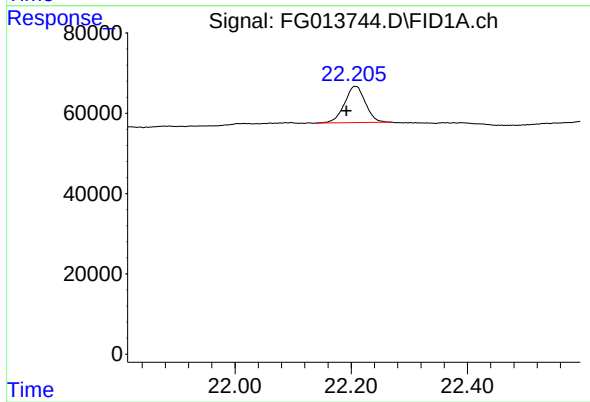
R.T.: 20.506 min
Delta R.T.: 0.010 min
Response: 201231
Conc: 1.84 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.262 min
Delta R.T.: 0.014 min
Response: 216152
Conc: 2.14 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-04-QT2-2024



#18 N-TETRACONTANE

R.T.: 22.206 min
Delta R.T.: 0.014 min
Response: 225111
Conc: 2.33 ug/ml