

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040823\
 Data File : FF012429.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 07:12
 Operator : YP\AJ
 Sample : 02213-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-04-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 03:35:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 2023
 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...	15.014	1910928	17.075 ug/ml
Target Compounds			
1) N-OCTANE	2.068	280791	2.214 ug/ml
2) N-DECANE	4.580	276646	2.210 ug/ml
3) N-DODECANE	6.744	191409	1.544 ug/ml
4) N-TETRADECANE	8.583	207279	1.591 ug/ml
5) N-HEXADECANE	10.181	272518	2.042 ug/ml
6) N-OCTADECANE	11.618	292847	2.180 ug/ml
7) N-EICOSANE	12.922	296474	2.229 ug/ml
8) N-DOCOSANE	14.116	289842	2.281 ug/ml
10) N-TETRACOSANE	15.219	296662	2.379 ug/ml
11) N-HEXACOSANE	16.241	281782	2.353 ug/ml
12) N-OCTACOSANE	17.188	292985	2.547 ug/ml
13) N-TRIACONTANE	18.074	321331	2.920 ug/ml
14) N-DOTRIACONTANE	18.904	335043	3.228 ug/ml
15) N-TETRATRIACONTANE	19.688	298820	3.159 ug/ml
16) N-HEXATRIACONTANE	20.427	260868	2.978 ug/ml
17) N-OCTATRIACONTANE	21.163	229208	2.768 ug/ml
18) N-TETRACONTANE	22.075	199064	2.437 ug/ml

(f)=RT Delta > 1/2 Window

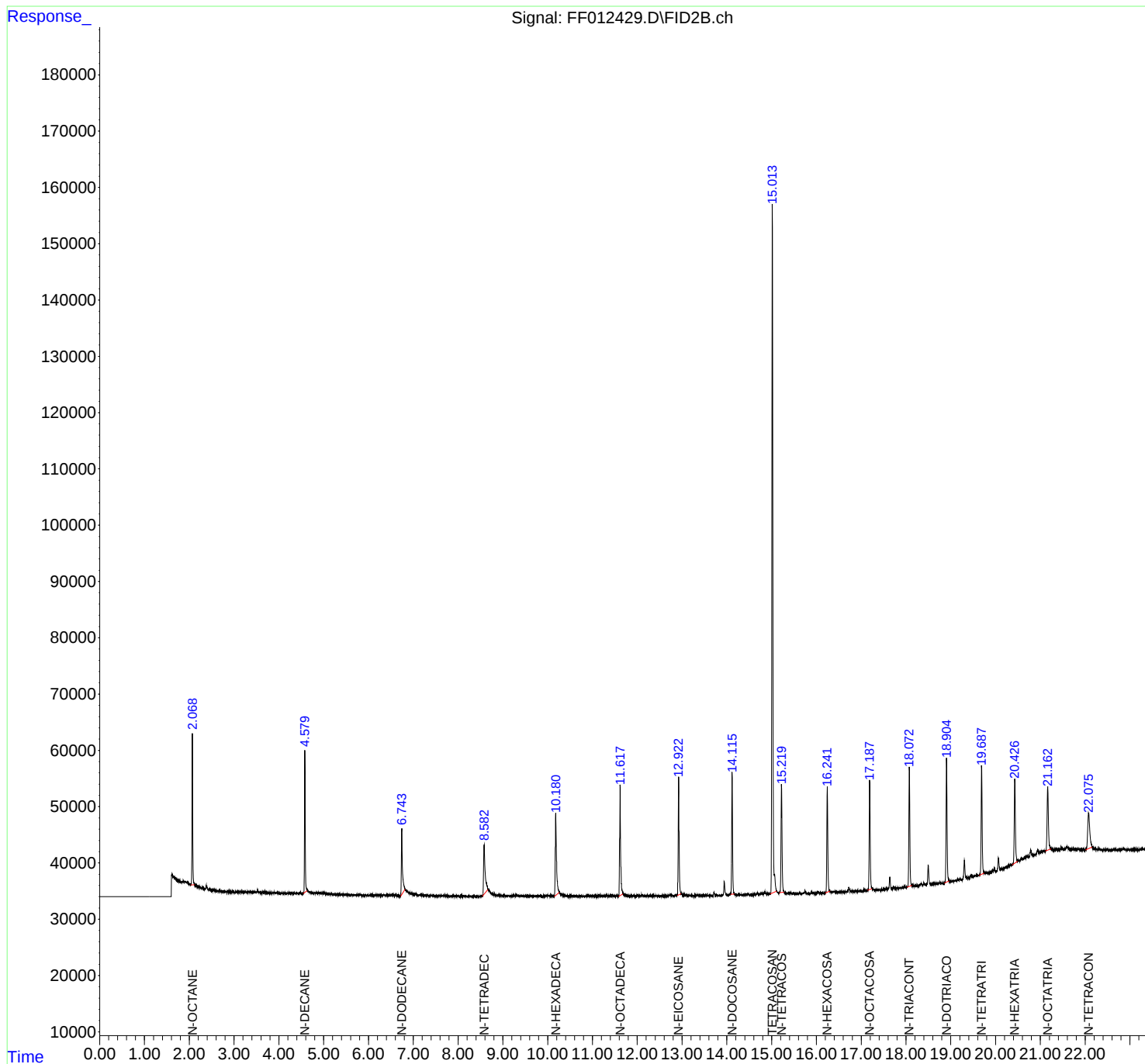
(m)=manual int.

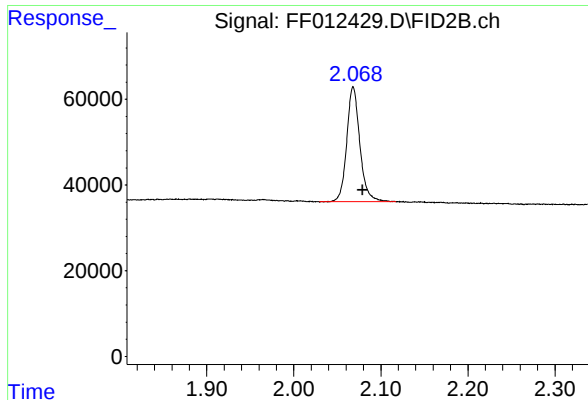
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#1 N-OCTANE

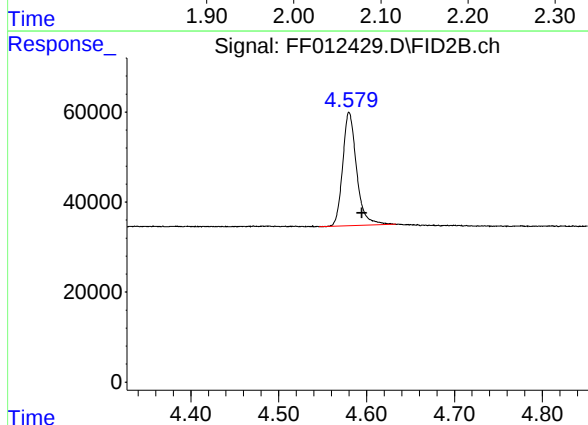
R.T.: 2.068 min
Delta R.T.: -0.011 min
Response: 280791
Conc: 2.21 ug/ml

Instrument :

FID_F

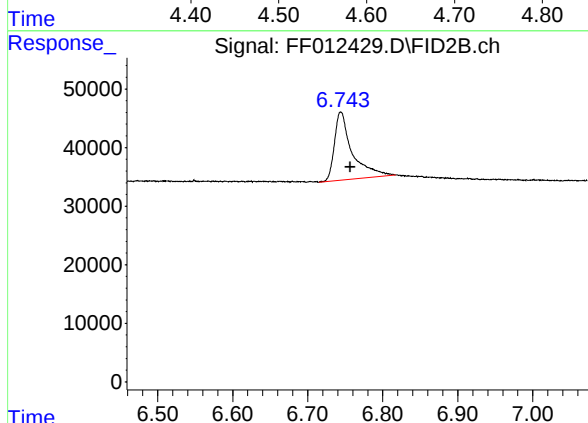
ClientSampleId :

LOD-MDL-WATER-04-QT2-2023



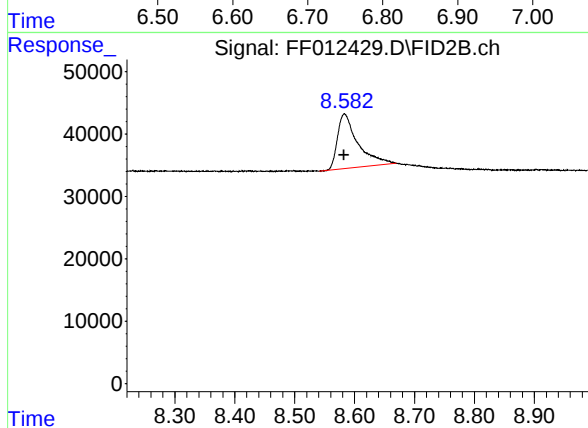
#2 N-DECANE

R.T.: 4.580 min
Delta R.T.: -0.015 min
Response: 276646
Conc: 2.21 ug/ml



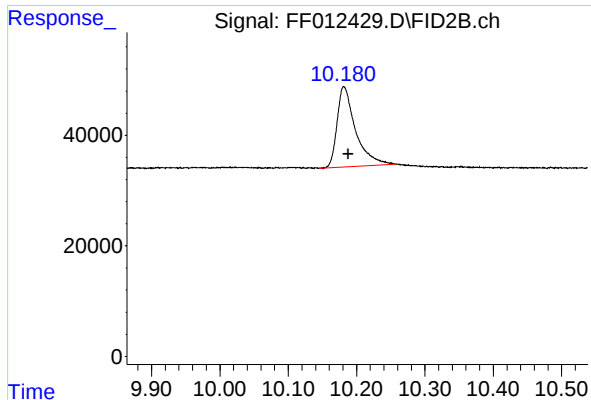
#3 N-DODECANE

R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 191409
Conc: 1.54 ug/ml



#4 N-TETRADECANE

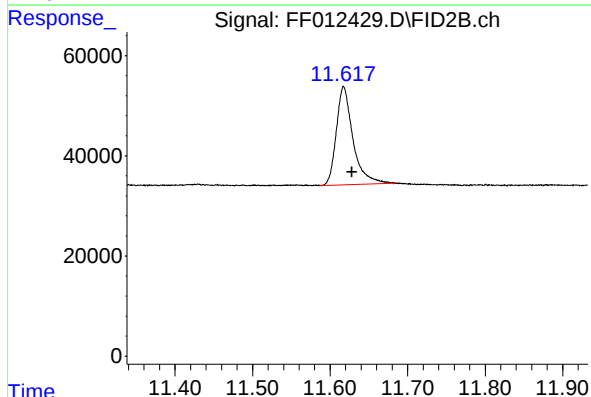
R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 207279
Conc: 1.59 ug/ml



#5 N-HEXADECANE

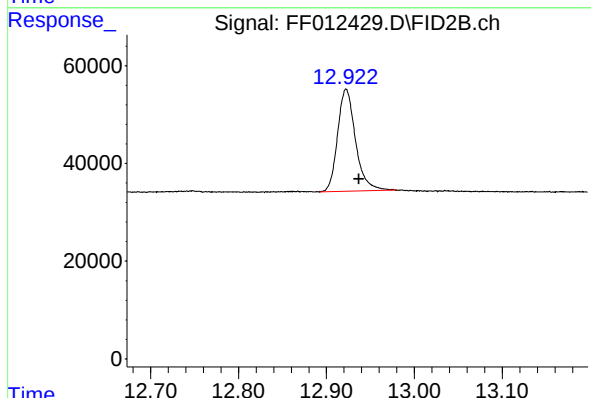
R.T.: 10.181 min
Delta R.T.: -0.006 min
Response: 272518
Conc: 2.04 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT2-2023



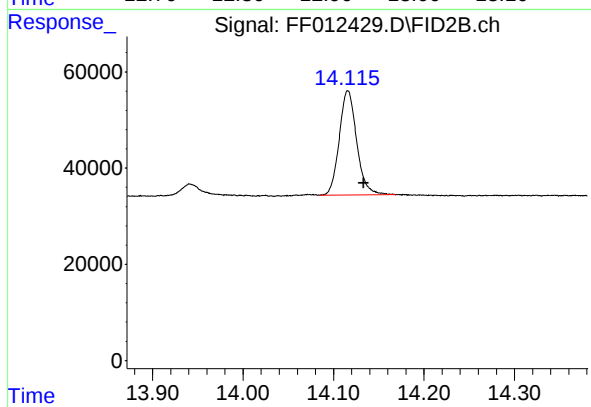
#6 N-OCTADECANE

R.T.: 11.618 min
Delta R.T.: -0.011 min
Response: 292847
Conc: 2.18 ug/ml



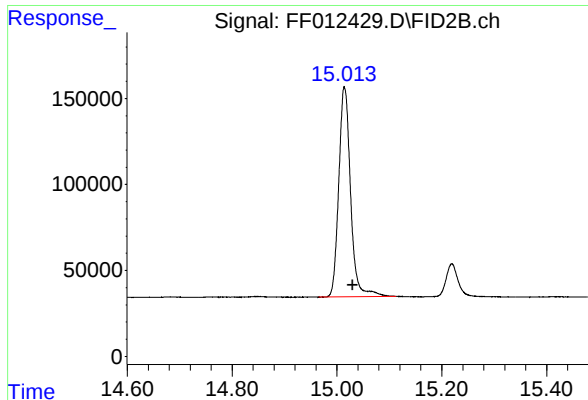
#7 N-EICOSANE

R.T.: 12.922 min
Delta R.T.: -0.015 min
Response: 296474
Conc: 2.23 ug/ml



#8 N-DOCOSANE

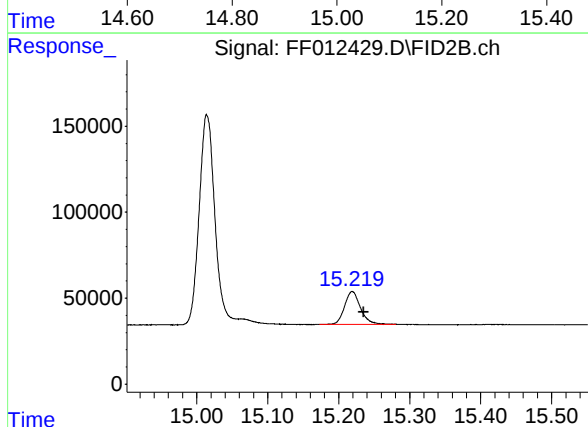
R.T.: 14.116 min
Delta R.T.: -0.017 min
Response: 289842
Conc: 2.28 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

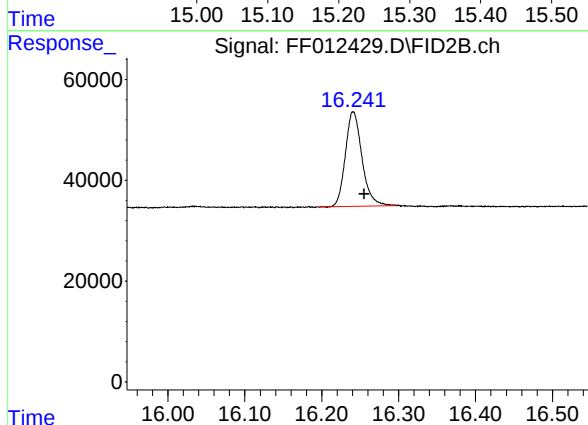
R.T.: 15.014 min
Delta R.T.: -0.016 min
Response: 1910928
Conc: 17.08 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT2-2023



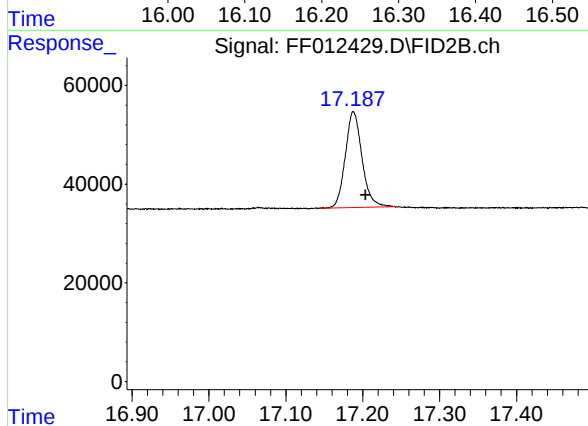
#10 N-TETRACOSANE

R.T.: 15.219 min
Delta R.T.: -0.016 min
Response: 296662
Conc: 2.38 ug/ml



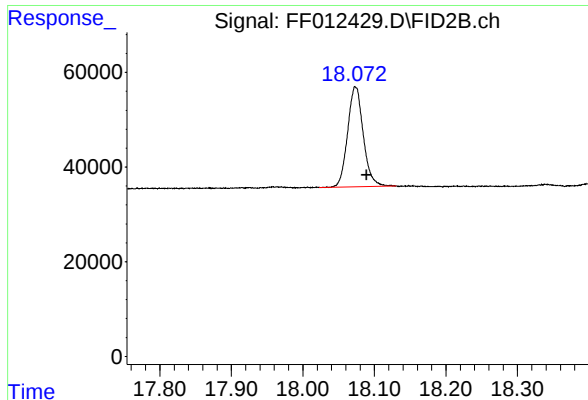
#11 N-HEXACOSANE

R.T.: 16.241 min
Delta R.T.: -0.014 min
Response: 281782
Conc: 2.35 ug/ml



#12 N-OCTACOSANE

R.T.: 17.188 min
Delta R.T.: -0.016 min
Response: 292985
Conc: 2.55 ug/ml



#13 N-TRIACONTANE

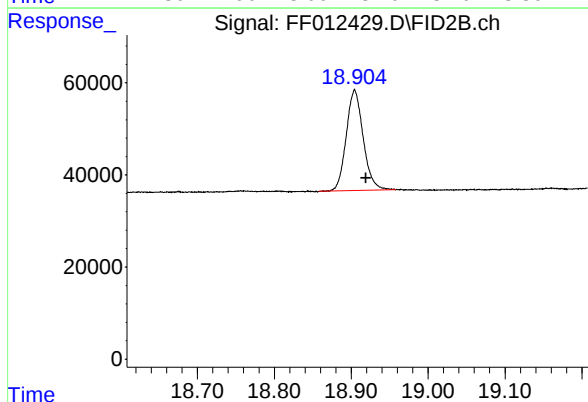
R.T.: 18.074 min
Delta R.T.: -0.016 min
Response: 321331
Conc: 2.92 ug/ml

Instrument :

FID_F

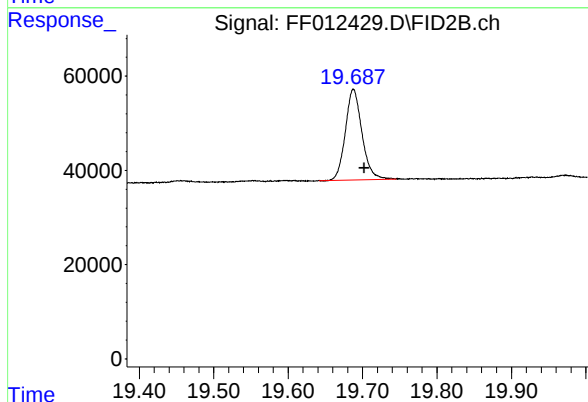
ClientSampleId :

LOD-MDL-WATER-04-QT2-2023



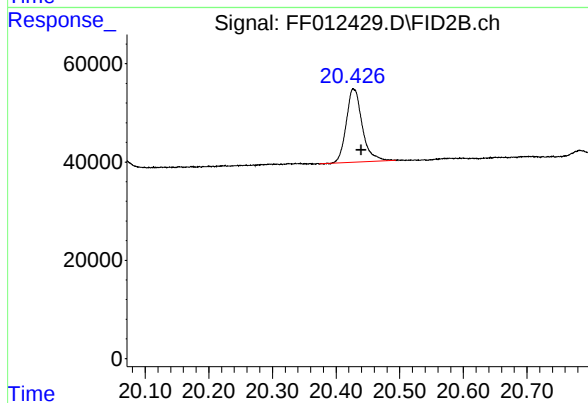
#14 N-DOTRIACONTANE

R.T.: 18.904 min
Delta R.T.: -0.015 min
Response: 335043
Conc: 3.23 ug/ml



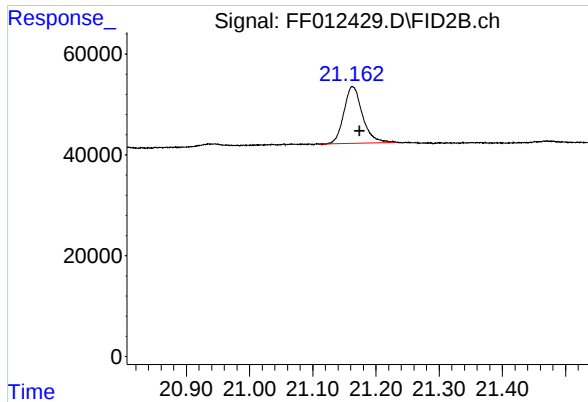
#15 N-TETRATRIACONTANE

R.T.: 19.688 min
Delta R.T.: -0.014 min
Response: 298820
Conc: 3.16 ug/ml



#16 N-HEXATRIACONTANE

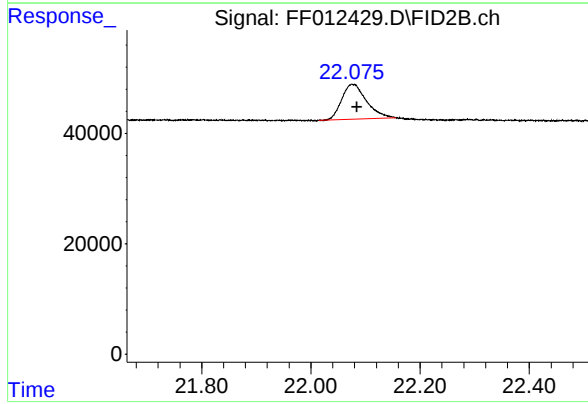
R.T.: 20.427 min
Delta R.T.: -0.013 min
Response: 260868
Conc: 2.98 ug/ml



#17 N-OCTATRIACONTANE

R.T.: 21.163 min
Delta R.T.: -0.011 min
Response: 229208
Conc: 2.77 ug/ml

Instrument :
FID_F
ClientSampleId :
LOD-MDL-WATER-04-QT2-2023



#18 N-TETRACONTANE

R.T.: 22.075 min
Delta R.T.: -0.009 min
Response: 199064
Conc: 2.44 ug/ml