

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080224\
 Data File : FE049416.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 02:29
 Operator : YP\AJ
 Sample : P3390-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 20 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 03 03:23:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE072924.M
 Quant Title :
 QLast Update : Tue Jul 30 04:50:04 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...	14.985	2266168	17.721 ug/ml
Target Compounds			
1) N-OCTANE	2.018	410348	2.920 ug/ml
2) N-DECANE	4.534	448144	3.198 ug/ml
3) N-DODECANE	6.703	433999	3.054 ug/ml
4) N-TETRADECANE	8.531	475670	3.361 ug/ml
5) N-HEXADECANE	10.137	452667	3.214 ug/ml
6) N-OCTADECANE	11.578	463056	3.228 ug/ml
7) N-EICOSANE	12.888	473026	3.356 ug/ml
8) N-DOCOSANE	14.084	465129	3.342 ug/ml
10) N-TETRACOSANE	15.187	473455	3.397 ug/ml
11) N-HEXACOSANE	16.207	463567	3.322 ug/ml
12) N-OCTACOSANE	17.156	471357	3.359 ug/ml
13) N-TRIACONTANE	18.042	503324	3.527 ug/ml
14) N-DOTRIACONTANE	18.875	513067	3.653 ug/ml
15) N-TETRATRIACONTANE	19.656	471439	3.875 ug/ml
16) N-HEXATRIACONTANE	20.397	401941	3.923 ug/ml
17) N-OCTATRIACONTANE	21.126	383934	4.069 ug/ml
18) N-TETRACONTANE	22.023	414950	4.385 ug/ml

(f)=RT Delta > 1/2 Window

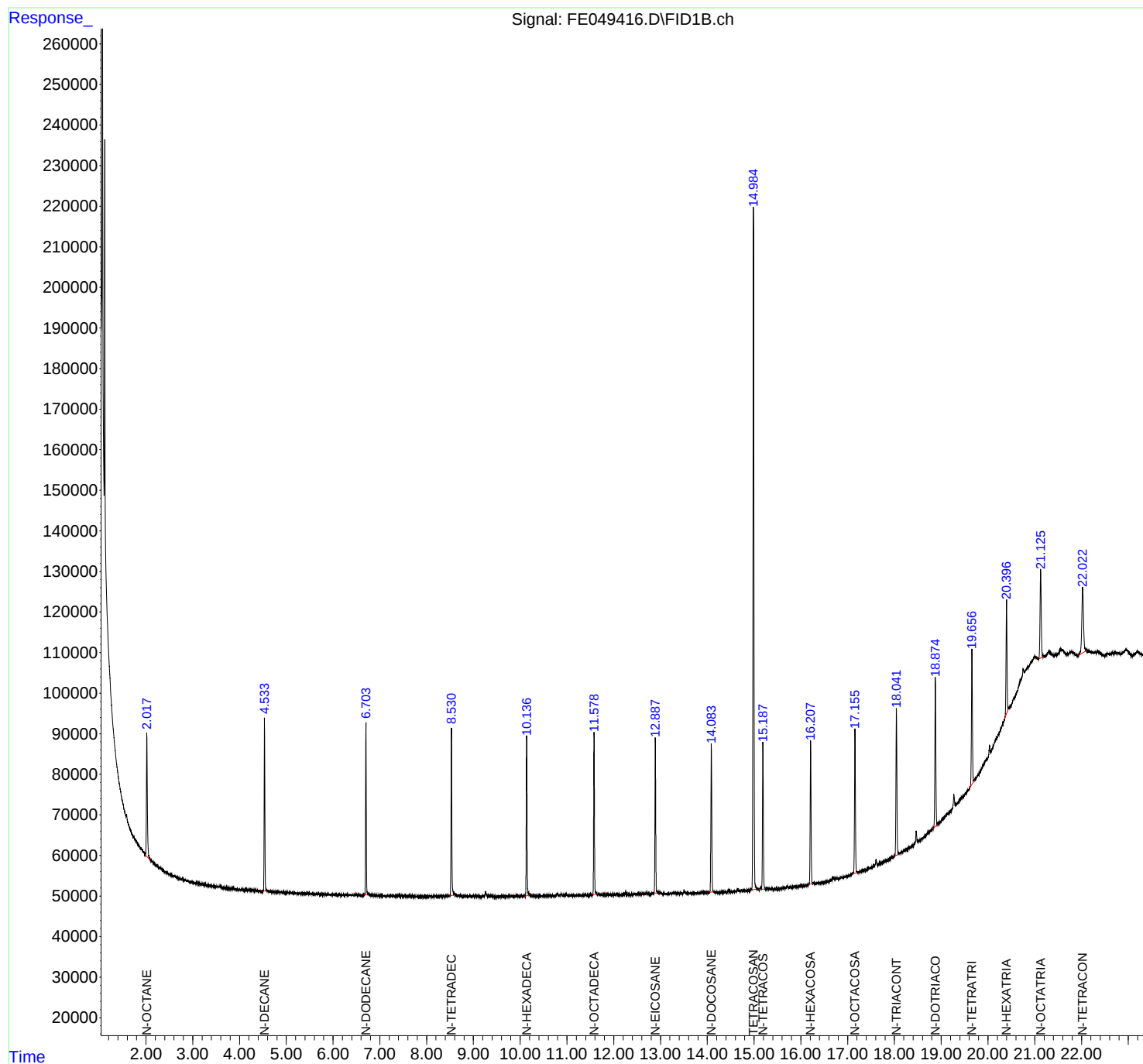
(m)=manual int.

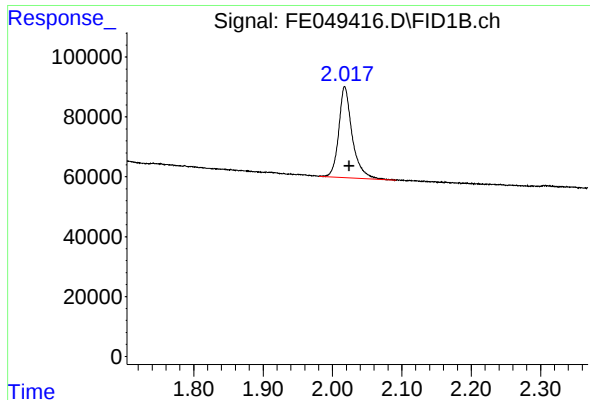
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

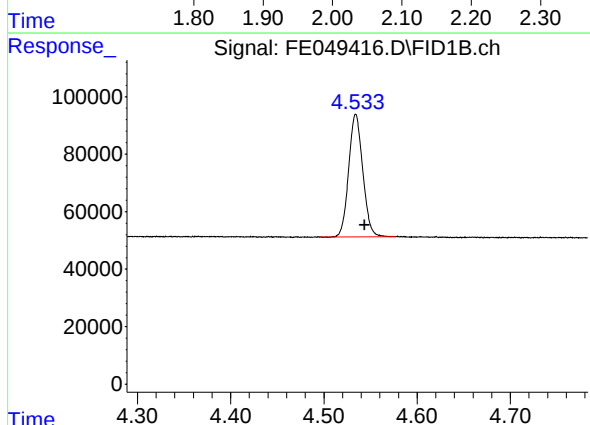
R.T.: 2.018 min
Delta R.T.: -0.006 min
Response: 410348
Conc: 2.92 ug/ml

Instrument :

FID_E

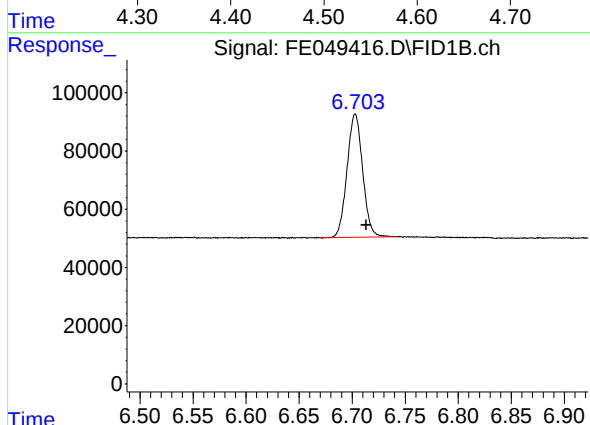
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



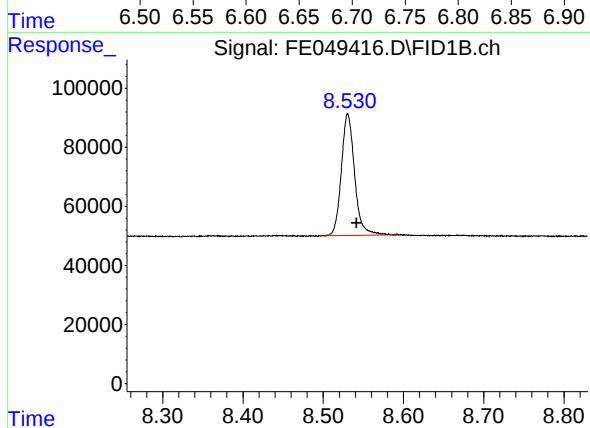
#2 N-DECANE

R.T.: 4.534 min
Delta R.T.: -0.009 min
Response: 448144
Conc: 3.20 ug/ml



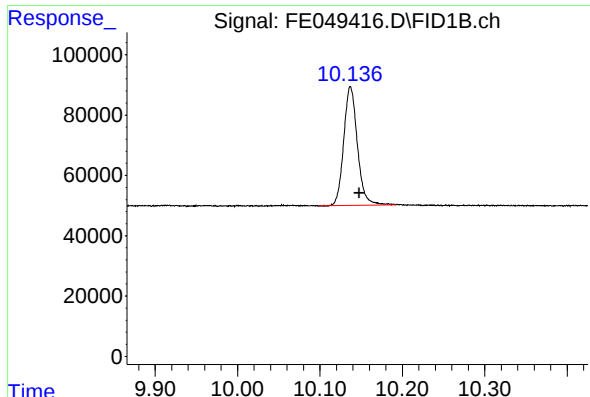
#3 N-DODECANE

R.T.: 6.703 min
Delta R.T.: -0.011 min
Response: 433999
Conc: 3.05 ug/ml



#4 N-TETRADECANE

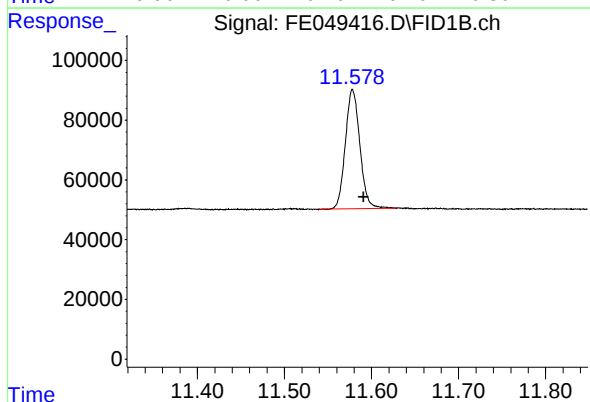
R.T.: 8.531 min
Delta R.T.: -0.011 min
Response: 475670
Conc: 3.36 ug/ml



#5 N-HEXADECANE

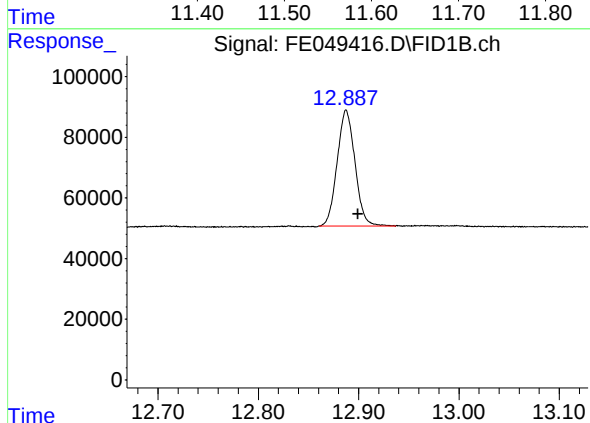
R.T.: 10.137 min
Delta R.T.: -0.011 min
Response: 452667
Conc: 3.21 ug/ml

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



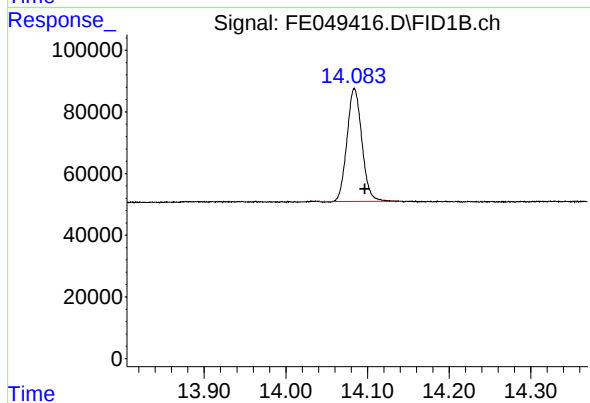
#6 N-OCTADECANE

R.T.: 11.578 min
Delta R.T.: -0.013 min
Response: 463056
Conc: 3.23 ug/ml



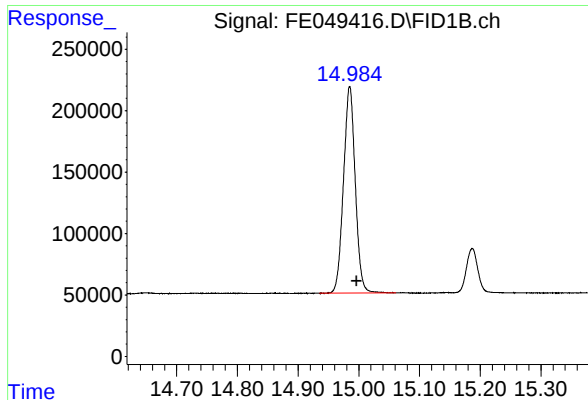
#7 N-EICOSANE

R.T.: 12.888 min
Delta R.T.: -0.012 min
Response: 473026
Conc: 3.36 ug/ml



#8 N-DOCOSANE

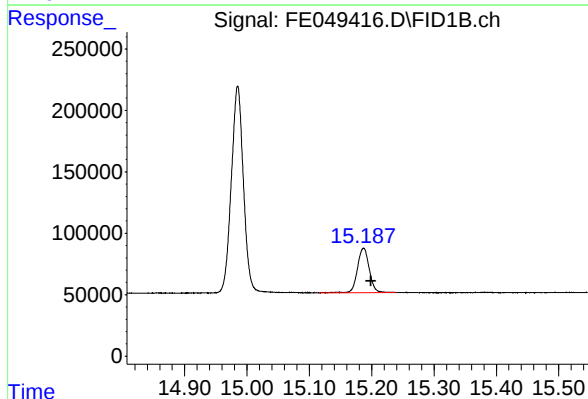
R.T.: 14.084 min
Delta R.T.: -0.013 min
Response: 465129
Conc: 3.34 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

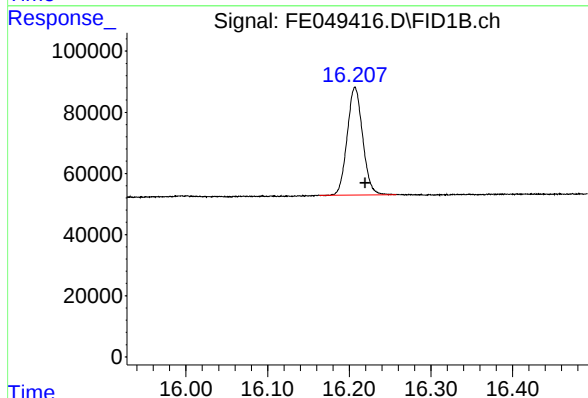
R.T.: 14.985 min
Delta R.T.: -0.011 min
Response: 2266168
Conc: 17.72 ug/ml

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



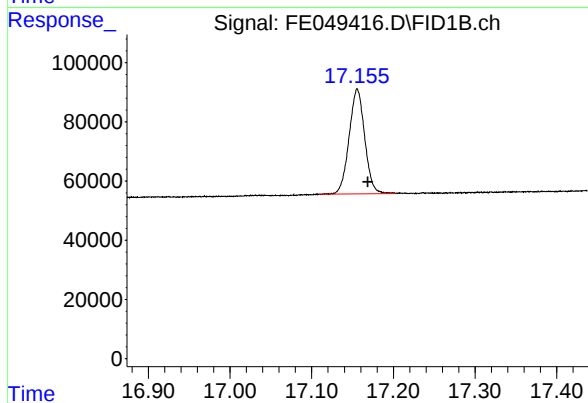
#10 N-TETRACOSANE

R.T.: 15.187 min
Delta R.T.: -0.012 min
Response: 473455
Conc: 3.40 ug/ml



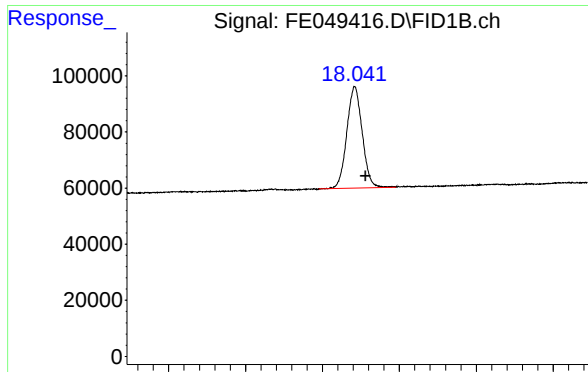
#11 N-HEXACOSANE

R.T.: 16.207 min
Delta R.T.: -0.013 min
Response: 463567
Conc: 3.32 ug/ml



#12 N-OCTACOSANE

R.T.: 17.156 min
Delta R.T.: -0.013 min
Response: 471357
Conc: 3.36 ug/ml



#13 N-TRIACONTANE

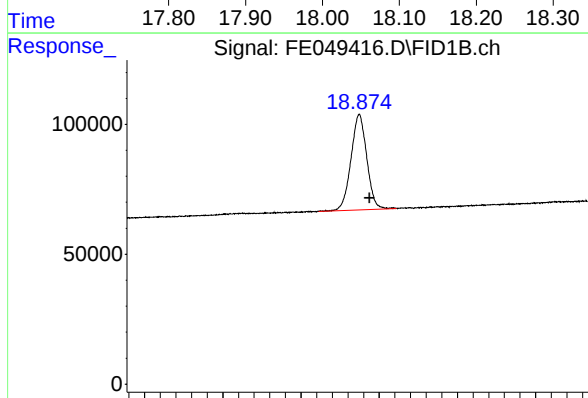
R.T.: 18.042 min
Delta R.T.: -0.014 min
Response: 503324
Conc: 3.53 ug/ml

Instrument :

FID_E

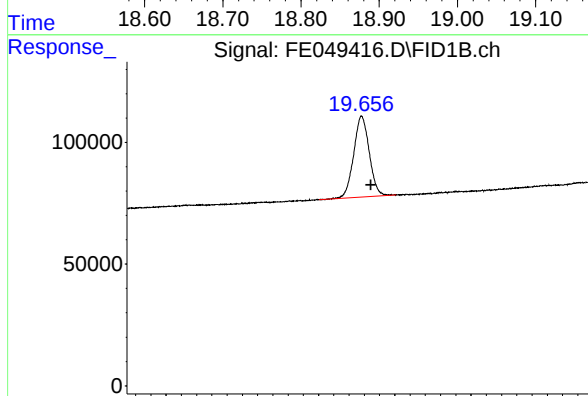
ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



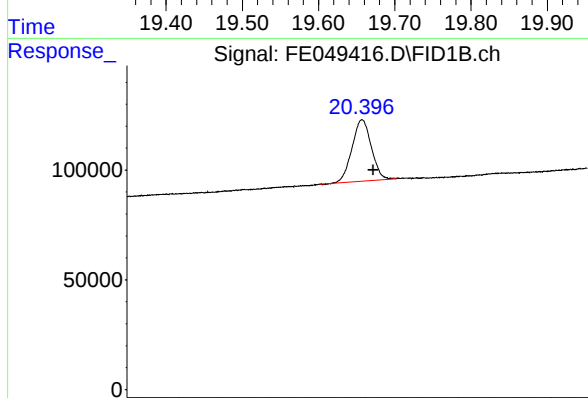
#14 N-DOTRIACONTANE

R.T.: 18.875 min
Delta R.T.: -0.013 min
Response: 513067
Conc: 3.65 ug/ml



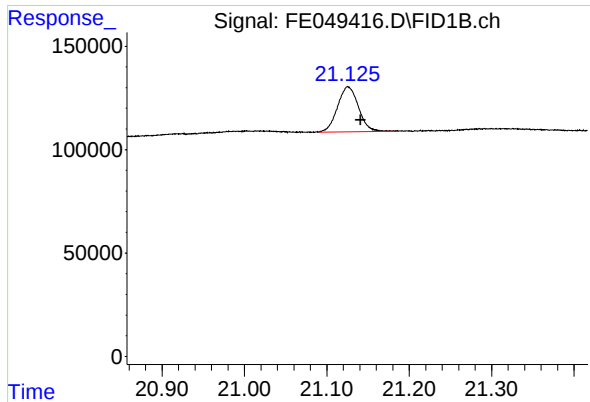
#15 N-TETRATRIACONTANE

R.T.: 19.656 min
Delta R.T.: -0.012 min
Response: 471439
Conc: 3.87 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.397 min
Delta R.T.: -0.012 min
Response: 401941
Conc: 3.92 ug/ml



#17 N-OCTATRIACONTANE

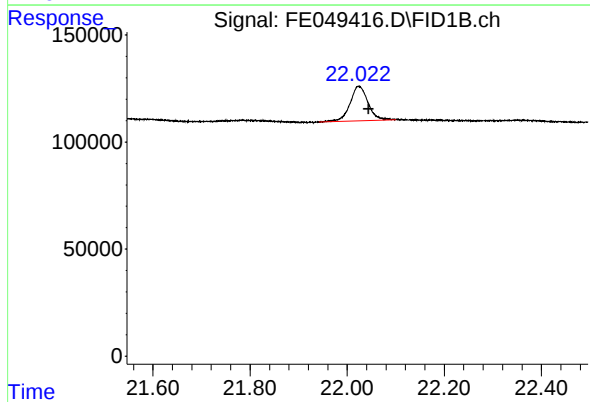
R.T.: 21.126 min
Delta R.T.: -0.015 min
Response: 383934
Conc: 4.07 ug/ml

Instrument :

FID_E

ClientSampleId :

LOD-MDL-WATER-04-QT3-2024



#18 N-TETRACONTANE

R.T.: 22.023 min
Delta R.T.: -0.021 min
Response: 414950
Conc: 4.38 ug/ml