

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044060.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 14:22
 Operator : YP\AJ
 Sample : 03572-10
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-04-QT3-2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:25:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE083023.M
 Quant Title :
 QLast Update : Thu Aug 31 02:43:19 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...	15.026	2981434	20.336 ug/ml
Target Compounds			
1) N-OCTANE	2.044	397004	2.442 ug/ml
2) N-DECANE	4.571	445029	2.640 ug/ml
3) N-DODECANE	6.736	452625	2.657 ug/ml
4) N-TETRADECANE	8.563	460782	2.679 ug/ml
5) N-HEXADECANE	10.170	459645	2.666 ug/ml
6) N-OCTADECANE	11.615	463296	2.667 ug/ml
7) N-EICOSANE	12.924	456131	2.671 ug/ml
8) N-DOCOSANE	14.124	444520	2.646 ug/ml
10) N-TETRACOSANE	15.228	440324	2.667 ug/ml
11) N-HEXACOSANE	16.250	427143	2.656 ug/ml
12) N-OCTACOSANE	17.201	422355	2.702 ug/ml
13) N-TRIACONTANE	18.089	436976	2.919 ug/ml
14) N-DOTRIACONTANE	18.922	430862	3.166 ug/ml
15) N-TETRATRIACONTANE	19.707	385054	3.197 ug/ml
16) N-HEXATRIACONTANE	20.447	313411	2.950 ug/ml
17) N-OCTATRIACONTANE	21.190	267376	2.680 ug/ml
18) N-TETRACONTANE	22.112	227256	2.369 ug/ml

(f)=RT Delta > 1/2 Window

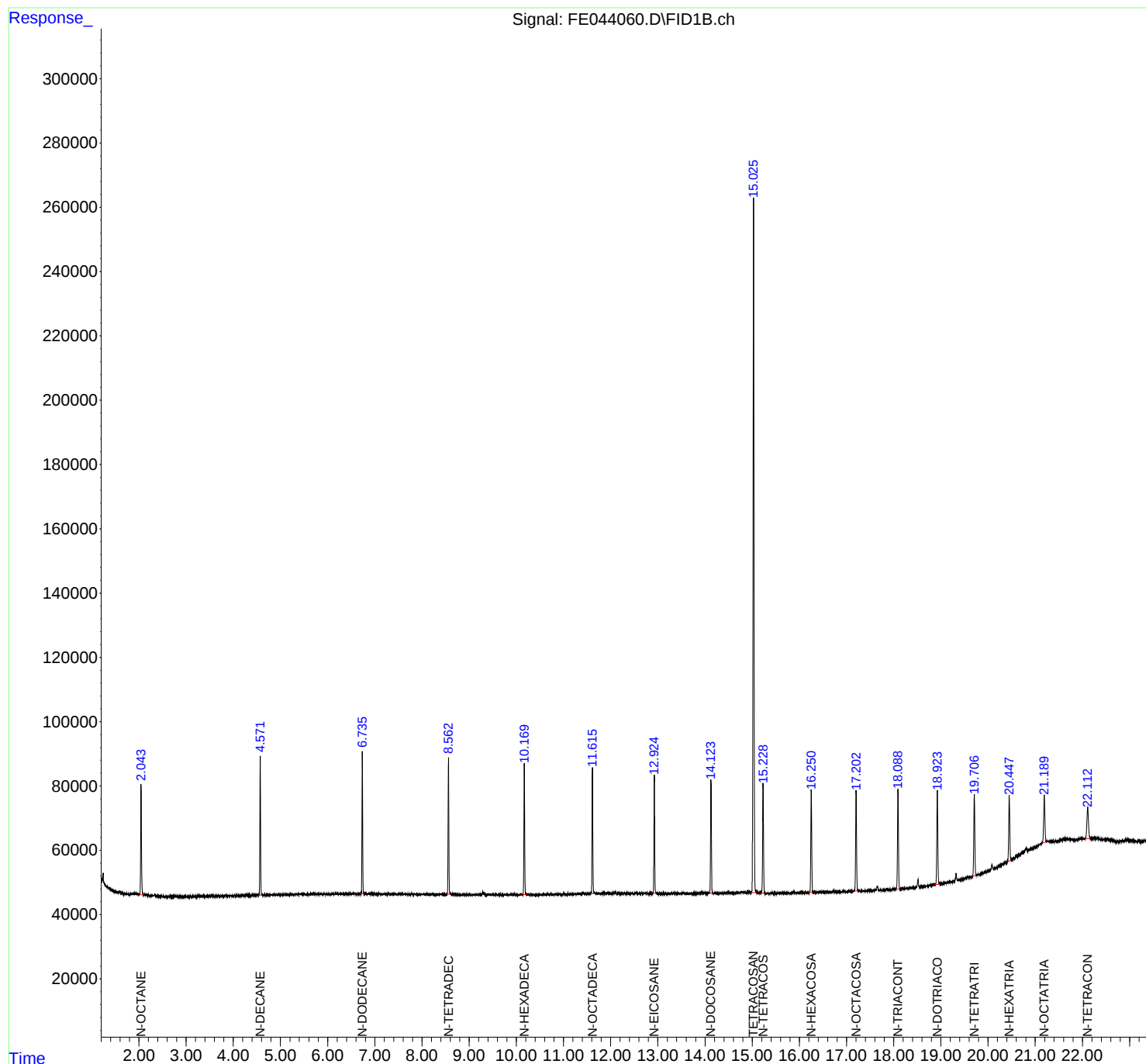
(m)=manual int.

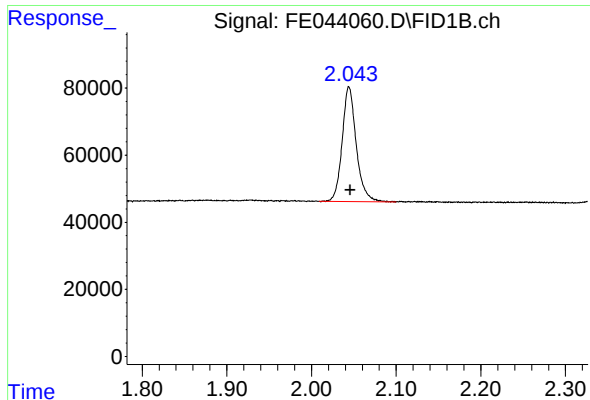
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Signal Info : 20mx0.18mmx0.18um





#1 N-OCTANE

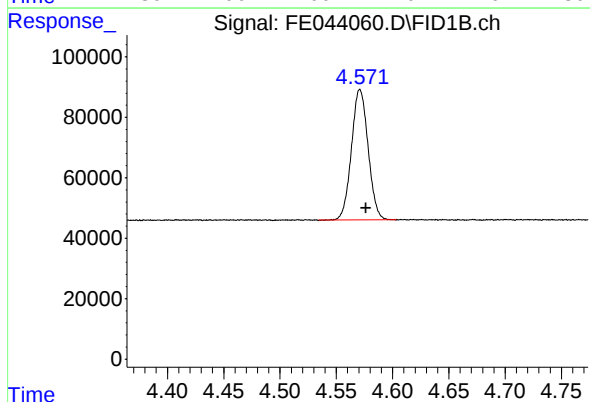
R.T.: 2.044 min
Delta R.T.: -0.002 min
Response: 397004
Conc: 2.44 ug/ml

Instrument :

FID_E

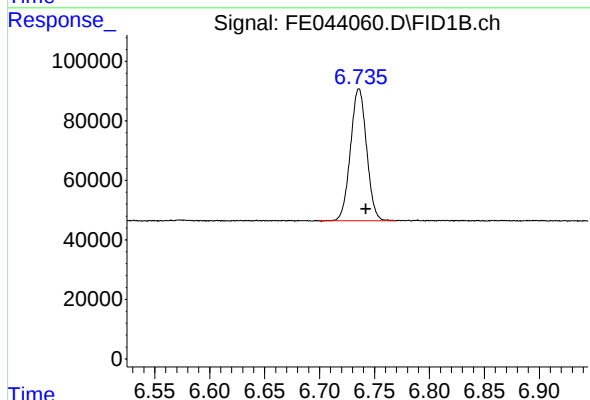
ClientSampleId :

LOD-MDL-WATER-04-QT3-2023



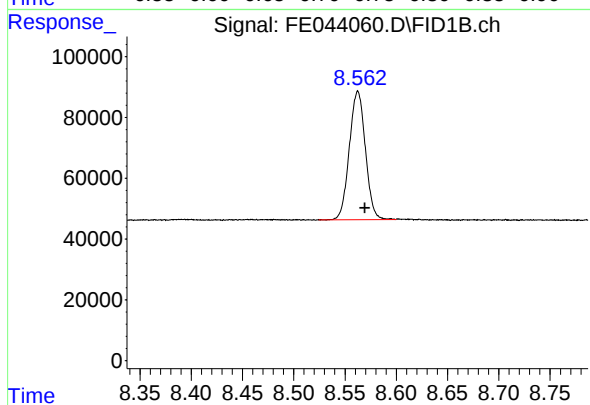
#2 N-DECANE

R.T.: 4.571 min
Delta R.T.: -0.005 min
Response: 445029
Conc: 2.64 ug/ml



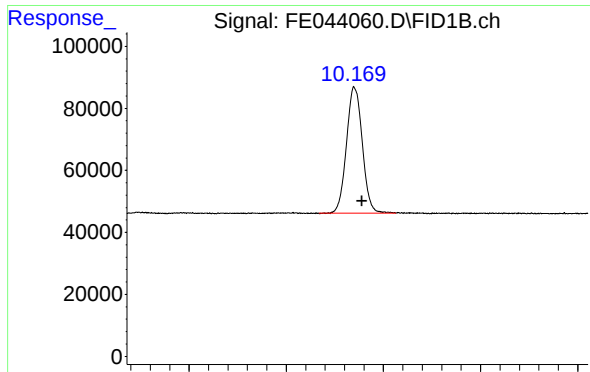
#3 N-DODECANE

R.T.: 6.736 min
Delta R.T.: -0.006 min
Response: 452625
Conc: 2.66 ug/ml



#4 N-TETRADECANE

R.T.: 8.563 min
Delta R.T.: -0.007 min
Response: 460782
Conc: 2.68 ug/ml



#5 N-HEXADECANE

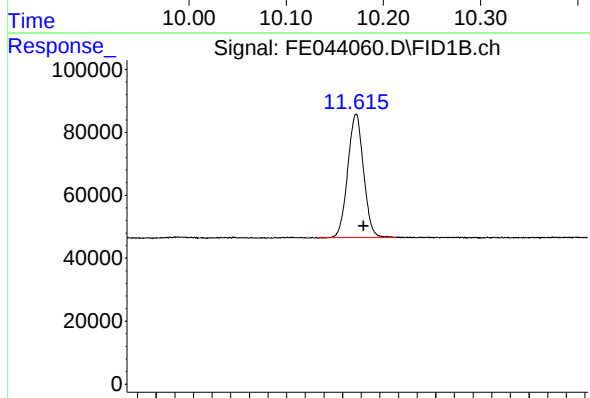
R.T.: 10.170 min
Delta R.T.: -0.008 min
Response: 459645
Conc: 2.67 ug/ml

Instrument :

FID_E

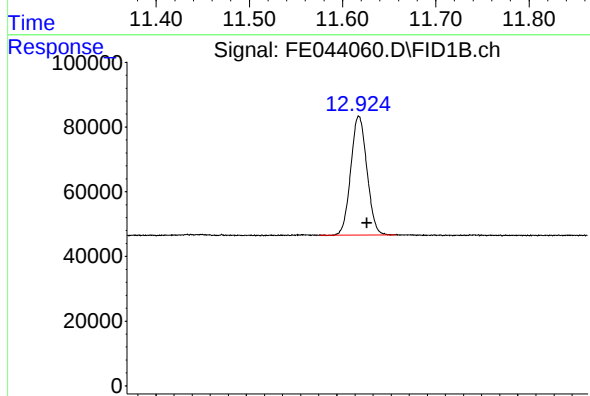
ClientSampleId :

LOD-MDL-WATER-04-QT3-2023



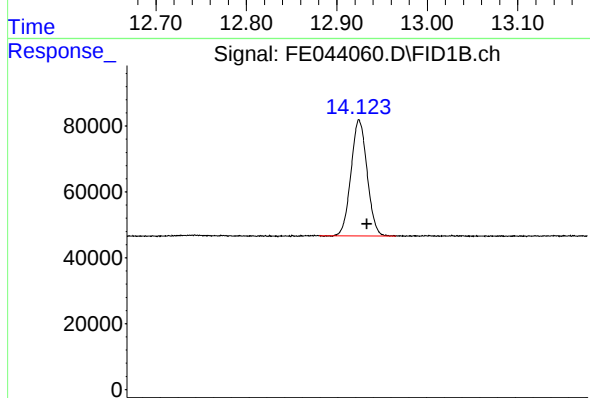
#6 N-OCTADECANE

R.T.: 11.615 min
Delta R.T.: -0.008 min
Response: 463296
Conc: 2.67 ug/ml



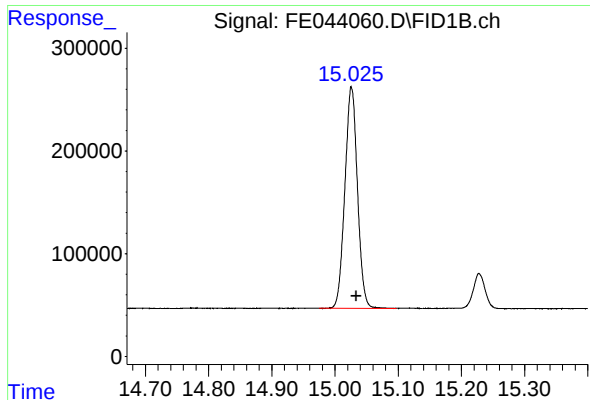
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.009 min
Response: 456131
Conc: 2.67 ug/ml



#8 N-DOCOSANE

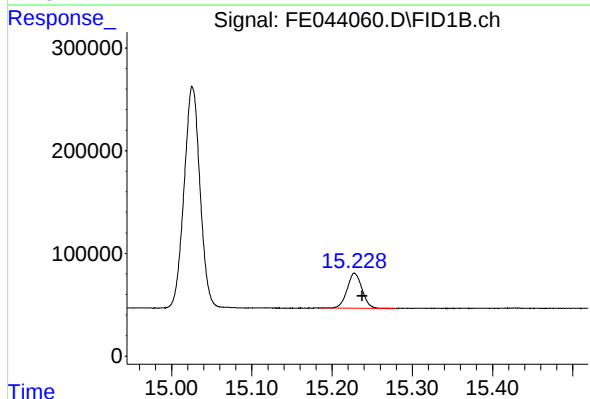
R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 444520
Conc: 2.65 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

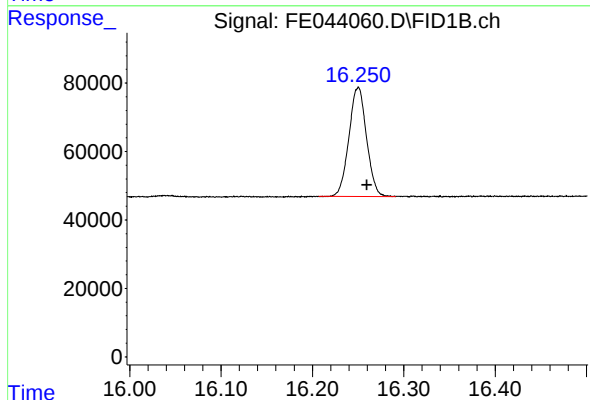
R.T.: 15.026 min
Delta R.T.: -0.008 min
Response: 2981434
Conc: 20.34 ug/ml

Instrument :
FID_E
ClientSampleId :
LOD-MDL-WATER-04-QT3-2023



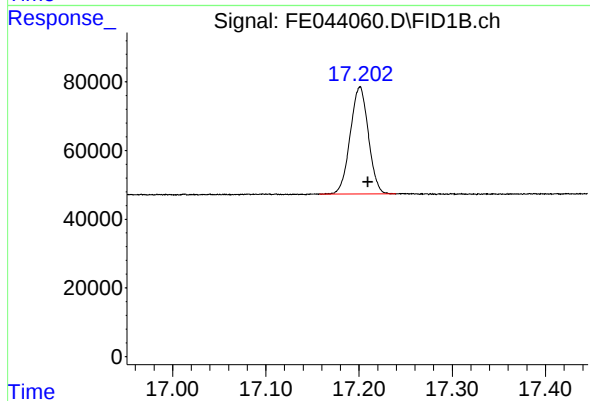
#10 N-TETRACOSANE

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 440324
Conc: 2.67 ug/ml



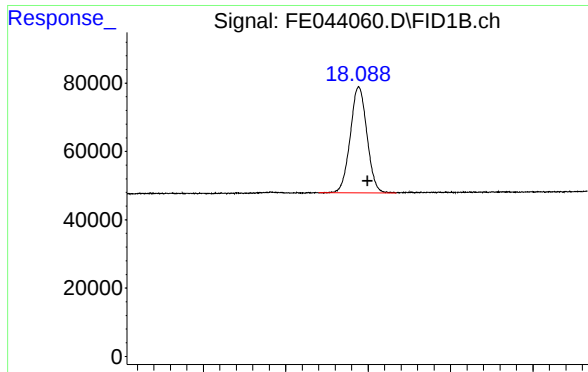
#11 N-HEXACOSANE

R.T.: 16.250 min
Delta R.T.: -0.010 min
Response: 427143
Conc: 2.66 ug/ml



#12 N-OCTACOSANE

R.T.: 17.201 min
Delta R.T.: -0.009 min
Response: 422355
Conc: 2.70 ug/ml



#13 N-TRIACONTANE

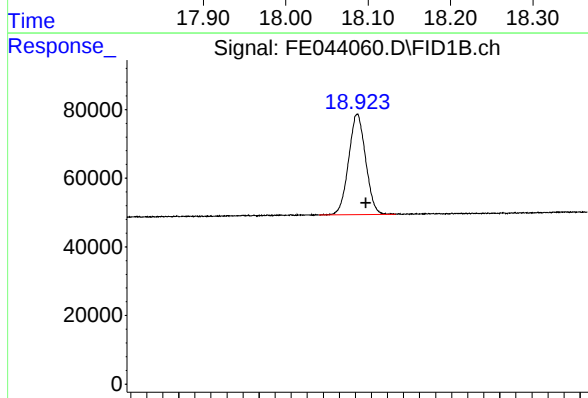
R.T.: 18.089 min
Delta R.T.: -0.011 min
Response: 436976
Conc: 2.92 ug/ml

Instrument :

FID_E

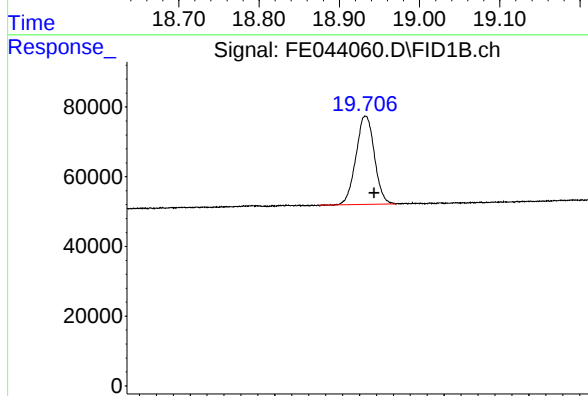
ClientSampleId :

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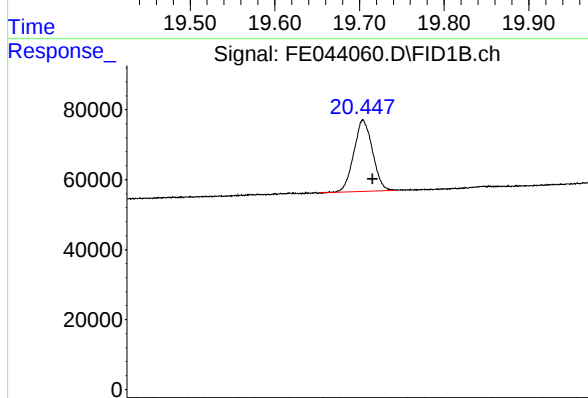
#14 N-DOTRIACONTANE

R.T.: 18.922 min
Delta R.T.: -0.011 min
Response: 430862
Conc: 3.17 ug/ml



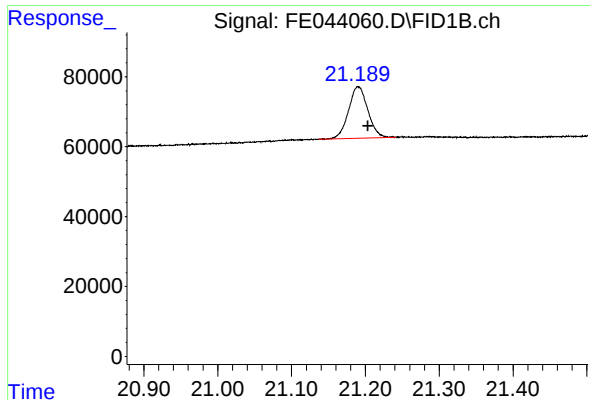
#15 N-TETRATRIACONTANE

R.T.: 19.707 min
Delta R.T.: -0.011 min
Response: 385054
Conc: 3.20 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.447 min
Delta R.T.: -0.011 min
Response: 313411
Conc: 2.95 ug/ml



#17 N-OCTATRIACONTANE

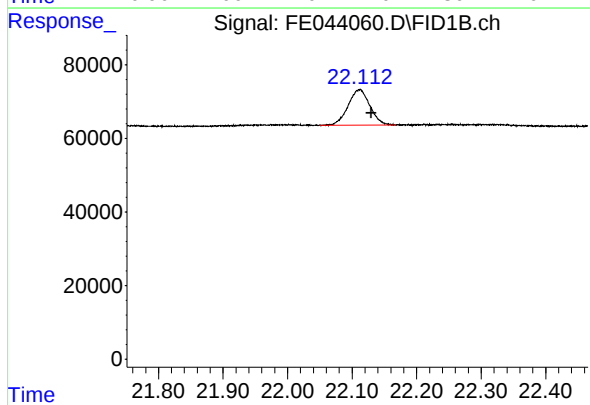
R.T.: 21.190 min
Delta R.T.: -0.013 min
Response: 267376
Conc: 2.68 ug/ml

Instrument :

FID_E

ClientSampleId :

LOD-MDL-WATER-04-QT3-2023



#18 N-TETRACONTANE

R.T.: 22.112 min
Delta R.T.: -0.017 min
Response: 227256
Conc: 2.37 ug/ml