

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083123\
 Data File : FE044072.D
 Signal(s) : FID1B.ch
 Acq On : 31 Aug 2023 21:00
 Operator : YP\AJ
 Sample : 03572-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Sep 01 00:27:10 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...	15.023	2400255	16.372 ug/ml
Target Compounds			
2) N-DECANE	4.571	148633	0.882 ug/ml
3) N-DODECANE	6.735	150018	0.881 ug/ml
4) N-TETRADECANE	8.562	158519	0.922 ug/ml
5) N-HEXADECANE	10.169	152028	0.882 ug/ml
6) N-OCTADECANE	11.613	154599	0.890 ug/ml
7) N-EICOSANE	12.924	153896	0.901 ug/ml
8) N-DOCOSANE	14.122	149912	0.892 ug/ml
10) N-TETRACOSANE	15.226	150053	0.909 ug/ml
11) N-HEXACOSANE	16.248	147451	0.917 ug/ml
12) N-OCTACOSANE	17.198	159017	1.017 ug/ml

(f)=RT Delta > 1/2 Window

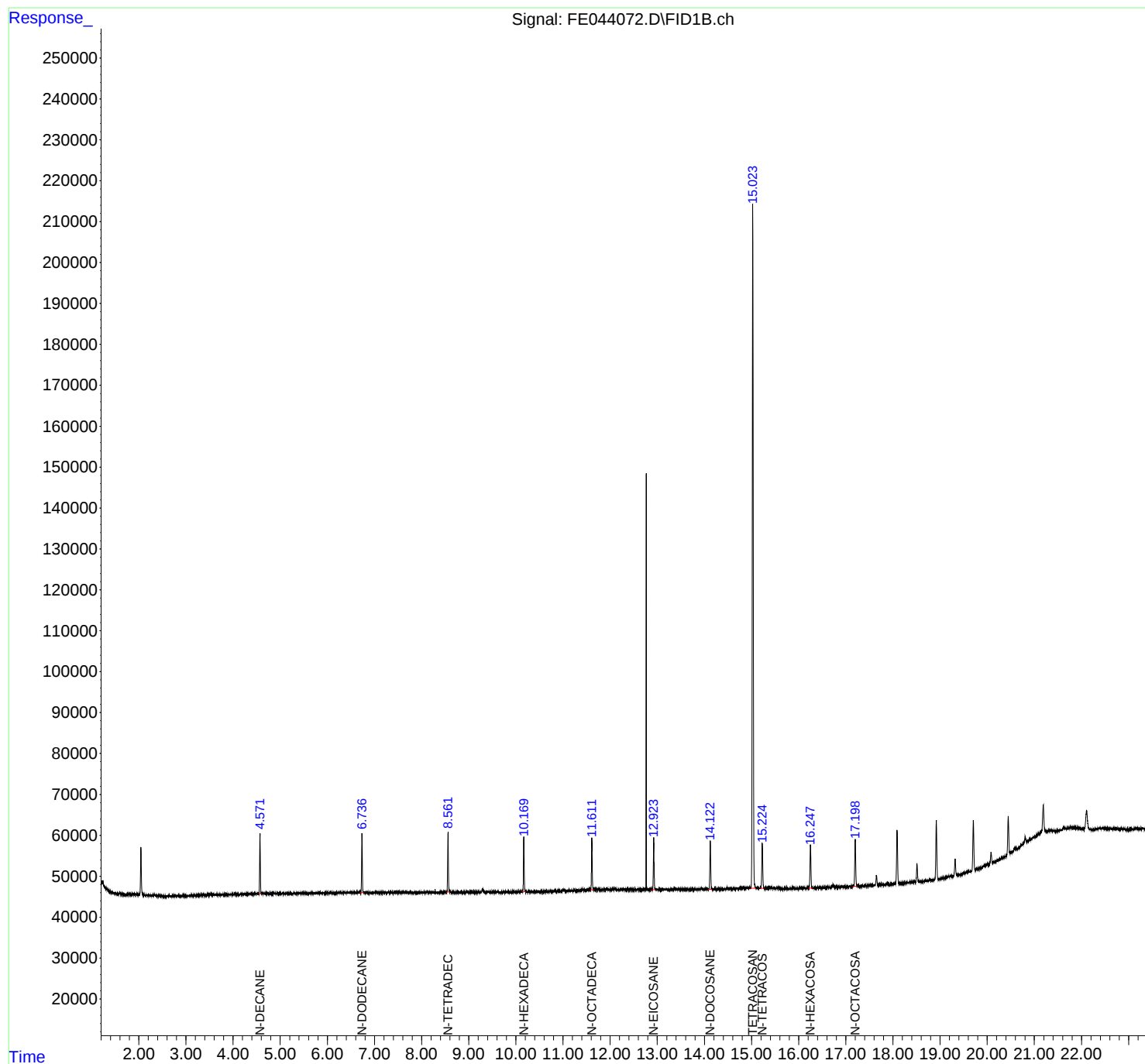
(m)=manual int.

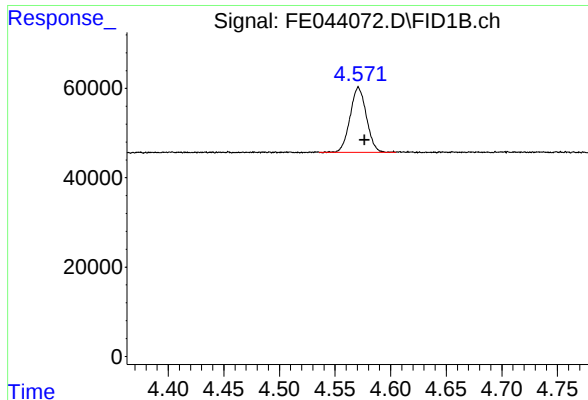
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#2 N-DECANE

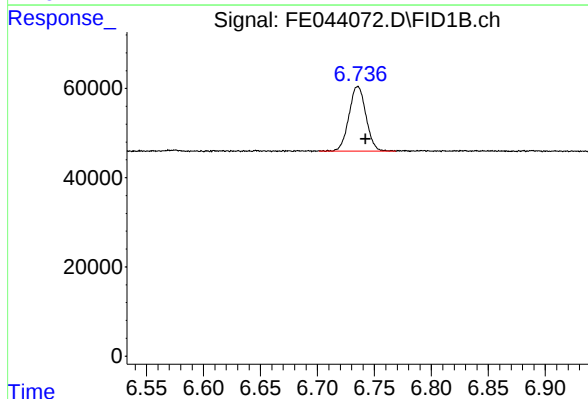
R.T.: 4.571 min
Delta R.T.: -0.005 min
Response: 148633
Conc: 0.88 ug/ml

Instrument :

FID_E

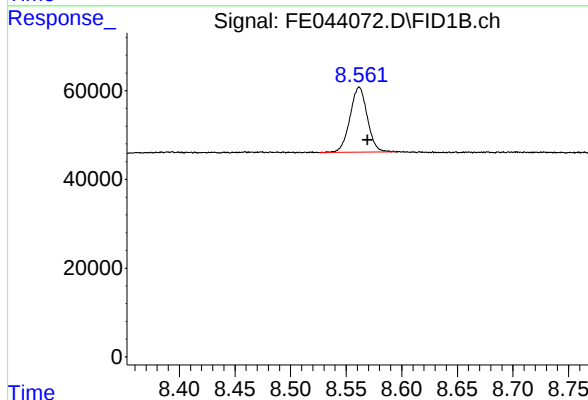
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



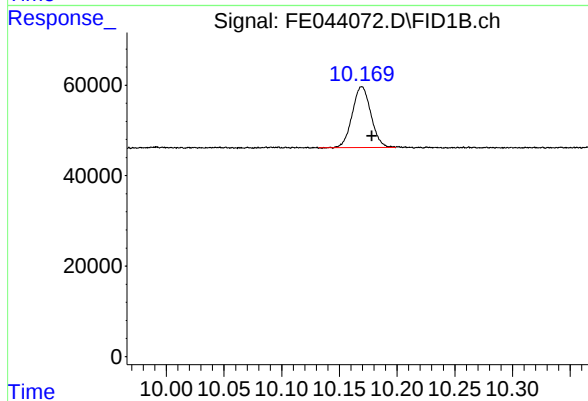
#3 N-DODECANE

R.T.: 6.735 min
Delta R.T.: -0.007 min
Response: 150018
Conc: 0.88 ug/ml



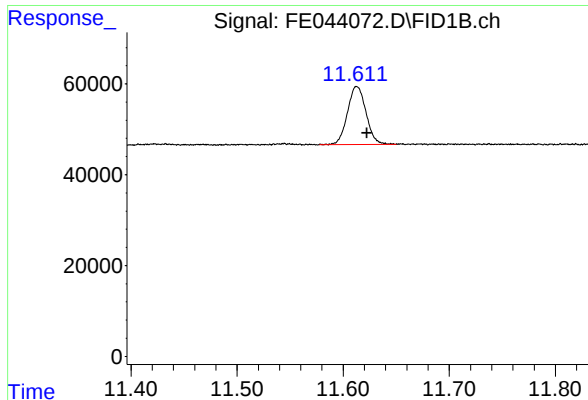
#4 N-TETRADECANE

R.T.: 8.562 min
Delta R.T.: -0.008 min
Response: 158519
Conc: 0.92 ug/ml



#5 N-HEXADECANE

R.T.: 10.169 min
Delta R.T.: -0.009 min
Response: 152028
Conc: 0.88 ug/ml



#6 N-OCTADECANE

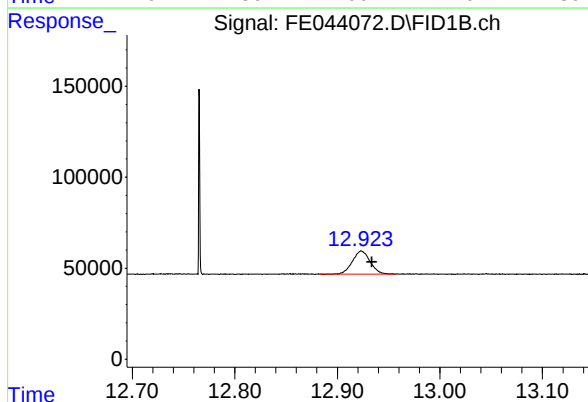
R.T.: 11.613 min
Delta R.T.: -0.010 min
Response: 154599
Conc: 0.89 ug/ml

Instrument :

FID_E

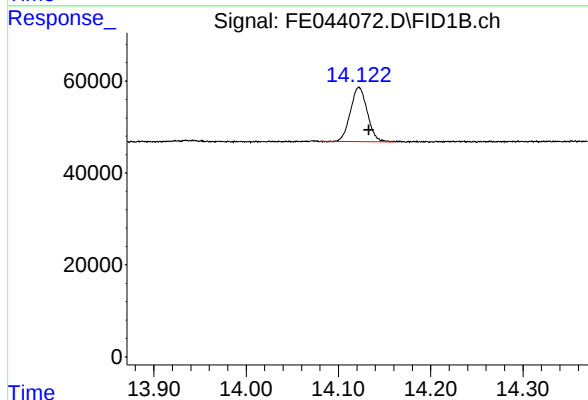
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



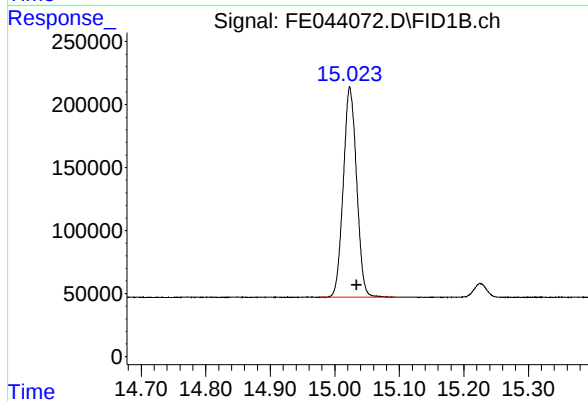
#7 N-EICOSANE

R.T.: 12.924 min
Delta R.T.: -0.010 min
Response: 153896
Conc: 0.90 ug/ml



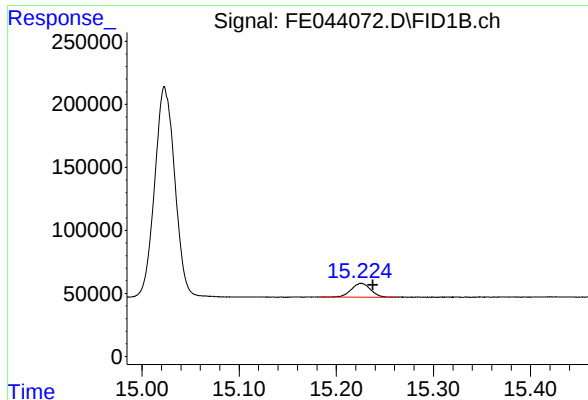
#8 N-DOCOSANE

R.T.: 14.122 min
Delta R.T.: -0.011 min
Response: 149912
Conc: 0.89 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.023 min
Delta R.T.: -0.010 min
Response: 2400255
Conc: 16.37 ug/ml



#10 N-TETRACOSANE

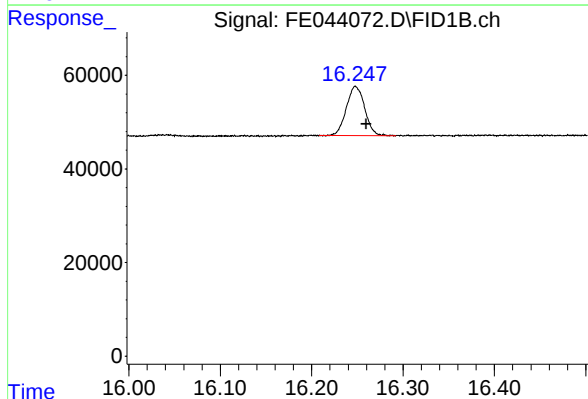
R.T.: 15.226 min
Delta R.T.: -0.012 min
Response: 150053
Conc: 0.91 ug/ml

Instrument :

FID_E

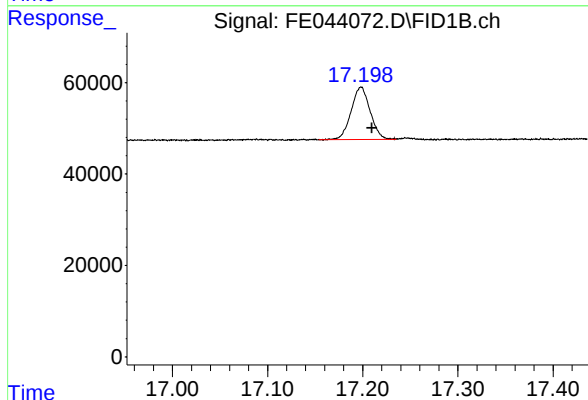
ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.012 min
Response: 147451
Conc: 0.92 ug/ml



#12 N-OCTACOSANE

R.T.: 17.198 min
Delta R.T.: -0.011 min
Response: 159017
Conc: 1.02 ug/ml