

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040723\
 Data File : FE041251.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2023 07:48
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 02:16:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE040523.M
 Quant Title :
 QLast Update : Thu Apr 06 02:04:41 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...	14.929	2500773	19.648 ug/ml
Target Compounds			
2) N-DECANE	4.487	333694	2.250 ug/ml
3) N-DODECANE	6.651	343970	2.267 ug/ml
4) N-TETRADECANE	8.476	363499	2.382 ug/ml
5) N-HEXADECANE	10.081	377903	2.454 ug/ml
6) N-OCTADECANE	11.523	382857	2.503 ug/ml
7) N-EICOSANE	12.832	379681	2.518 ug/ml
8) N-DOCOSANE	14.030	386483	2.673 ug/ml
10) N-TETRACOSANE	15.132	379823	2.660 ug/ml
11) N-HEXACOSANE	16.153	372062	2.675 ug/ml
12) N-OCTACOSANE	17.104	374295	2.725 ug/ml

(f)=RT Delta > 1/2 Window

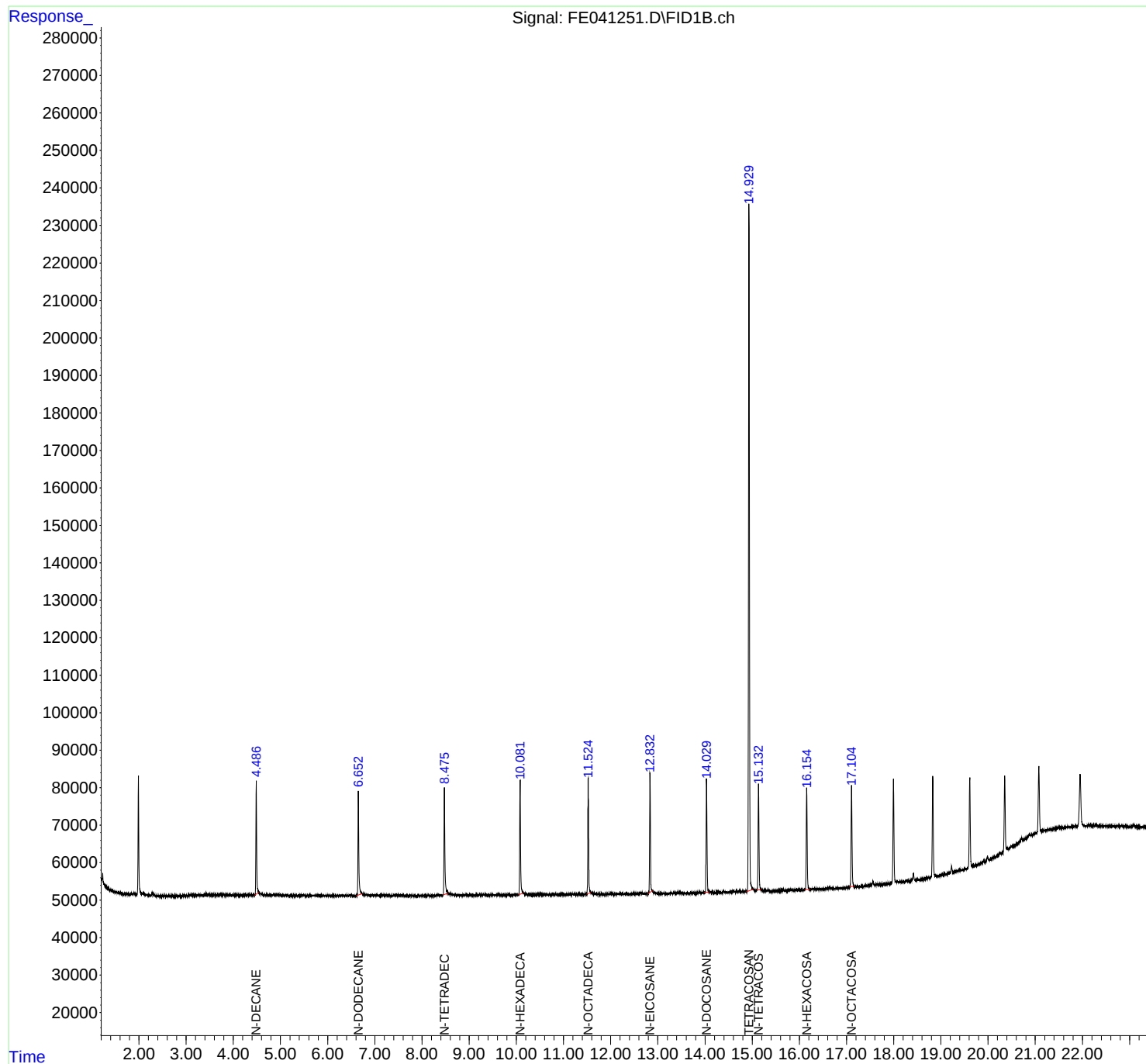
(m)=manual int.

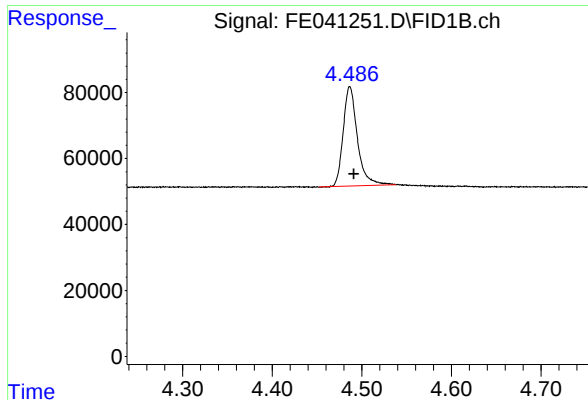
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#2 N-DECANE

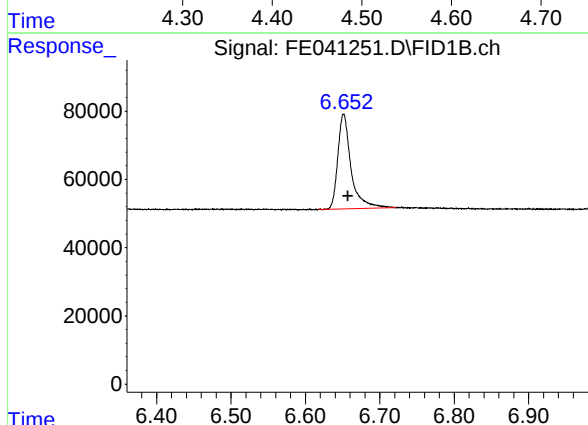
R.T.: 4.487 min
Delta R.T.: -0.005 min
Response: 333694
Conc: 2.25 ug/ml

Instrument :

FID_E

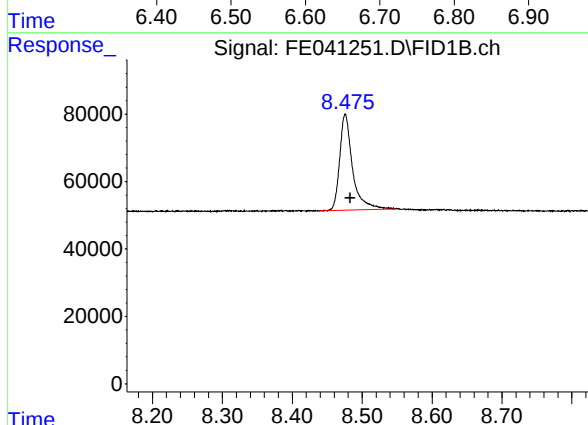
ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



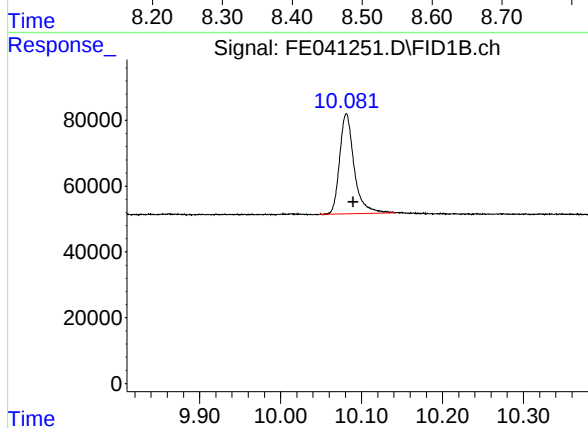
#3 N-DODECANE

R.T.: 6.651 min
Delta R.T.: -0.006 min
Response: 343970
Conc: 2.27 ug/ml



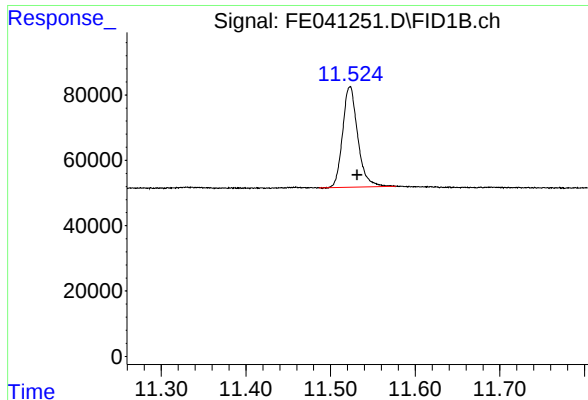
#4 N-TETRADECANE

R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 363499
Conc: 2.38 ug/ml



#5 N-HEXADECANE

R.T.: 10.081 min
Delta R.T.: -0.008 min
Response: 377903
Conc: 2.45 ug/ml



#6 N-OCTADECANE

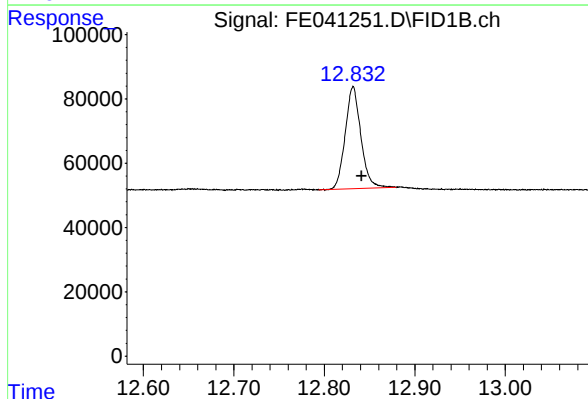
R.T.: 11.523 min
Delta R.T.: -0.008 min
Response: 382857
Conc: 2.50 ug/ml

Instrument :

FID_E

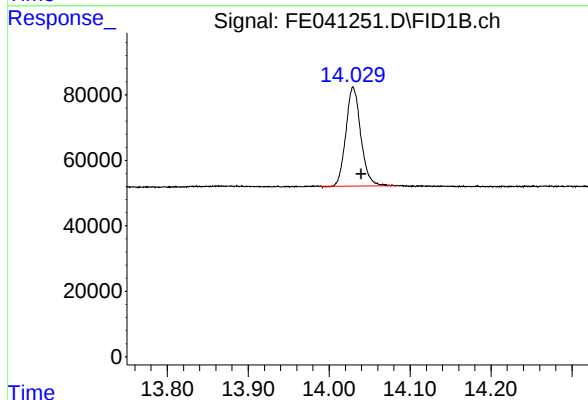
ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



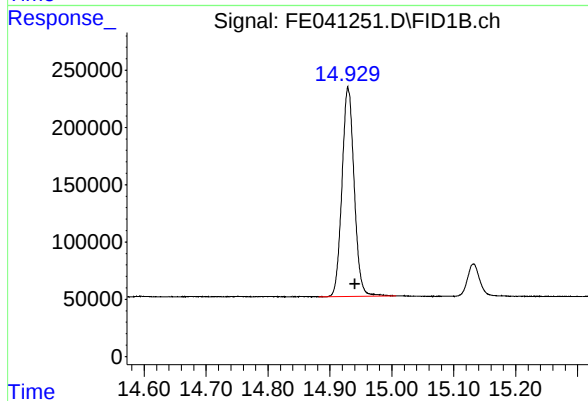
#7 N-EICOSANE

R.T.: 12.832 min
Delta R.T.: -0.010 min
Response: 379681
Conc: 2.52 ug/ml



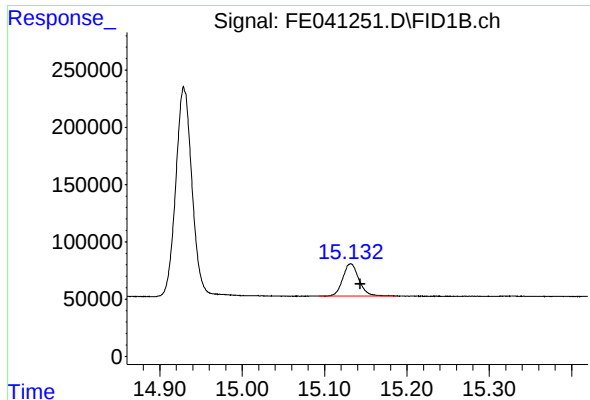
#8 N-DOCOSANE

R.T.: 14.030 min
Delta R.T.: -0.010 min
Response: 386483
Conc: 2.67 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.929 min
Delta R.T.: -0.011 min
Response: 2500773
Conc: 19.65 ug/ml



#10 N-TETRACOSANE

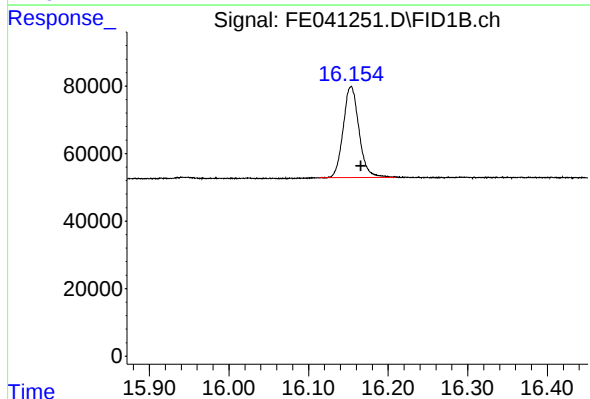
R.T.: 15.132 min
Delta R.T.: -0.012 min
Response: 379823
Conc: 2.66 ug/ml

Instrument :

FID_E

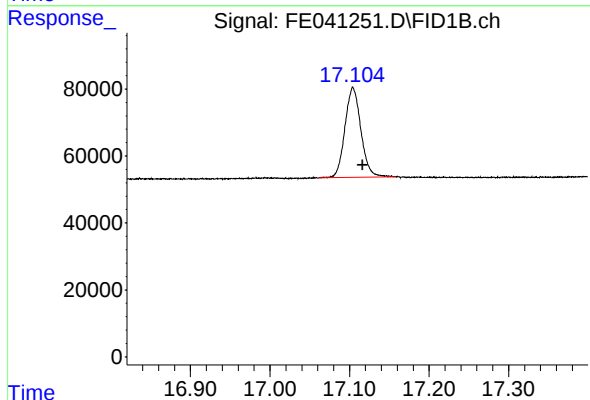
ClientSampleId :

LOD-MDL-WATER-01-QT2-2023



#11 N-HEXACOSANE

R.T.: 16.153 min
Delta R.T.: -0.012 min
Response: 372062
Conc: 2.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.104 min
Delta R.T.: -0.012 min
Response: 374295
Conc: 2.72 ug/ml