

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101124\
 Data File : FF014634.D
 Signal(s) : FID2B.ch
 Acq On : 11 Oct 2024 10:33
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 02:06:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100324.M
 Quant Title :
 QLast Update : Thu Oct 03 12:23:07 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...	14.883	2277757	17.417 ug/ml
Target Compounds			
2) N-DECANE	4.447	120640	0.890 ug/mlm
3) N-DODECANE	6.616	126904	0.930 ug/mlm
4) N-TETRADECANE	8.462	137659	1.000 ug/mlm
5) N-HEXADECANE	10.057	138765	1.015 ug/mlm
6) N-OCTADECANE	11.490	141914	0.991 ug/mlm
7) N-EICOSANE	12.794	137402	0.925 ug/ml
8) N-DOCOSANE	13.987	150821	1.037 ug/ml
10) N-TETRACOSANE	15.088	152118	1.039 ug/ml
11) N-HEXACOSANE	16.123	150914	1.036 ug/mlm
12) N-OCTACOSANE	17.069	158127	1.096 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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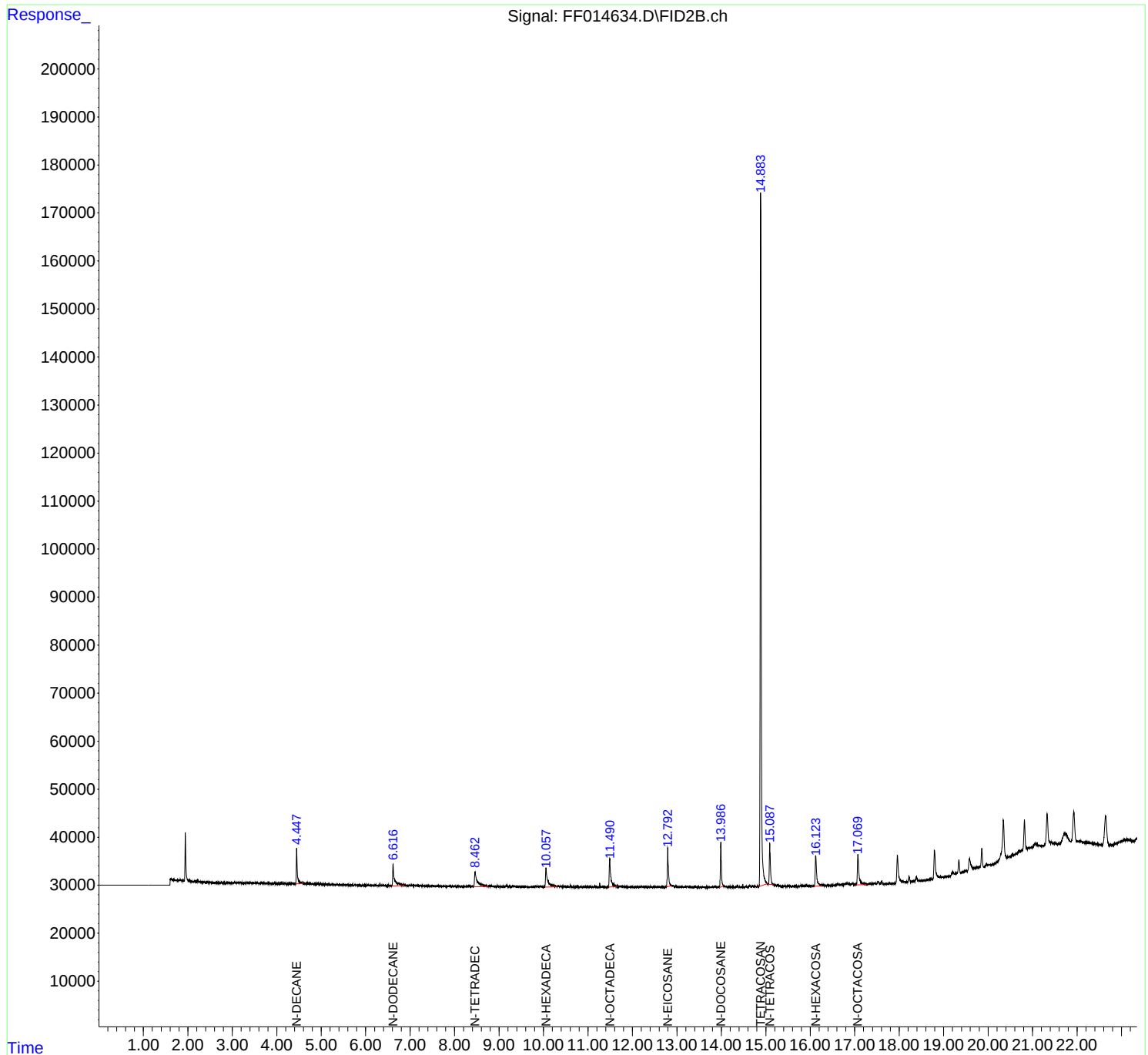
Instrument :
FID_F
ClientSampleId :
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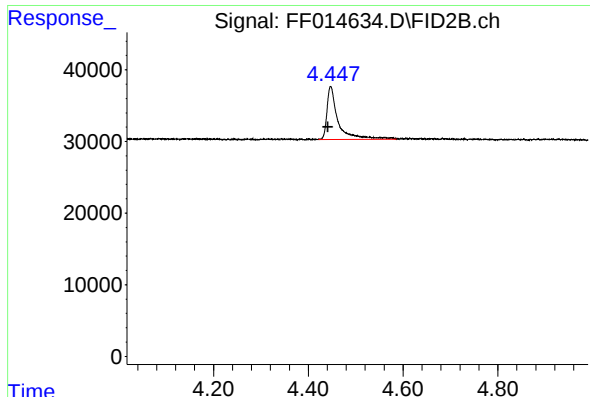
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Signal Info : 20mx0.18mmx0.18um





#2 N-DECANE

R.T.: 4.447 min
Delta R.T.: 0.005 min
Response: 120640
Conc: 0.89 ug/ml

Instrument :

FID_F

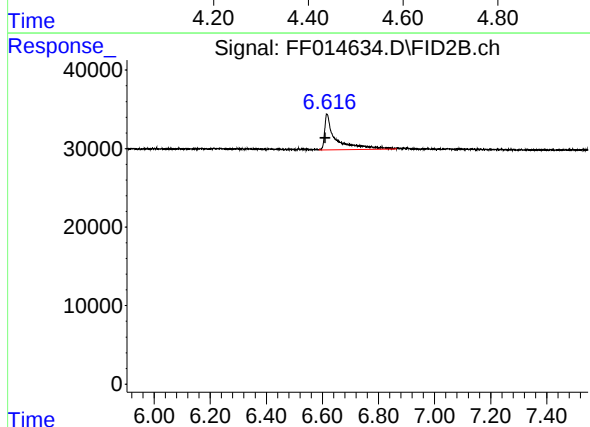
ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Manual Integrations

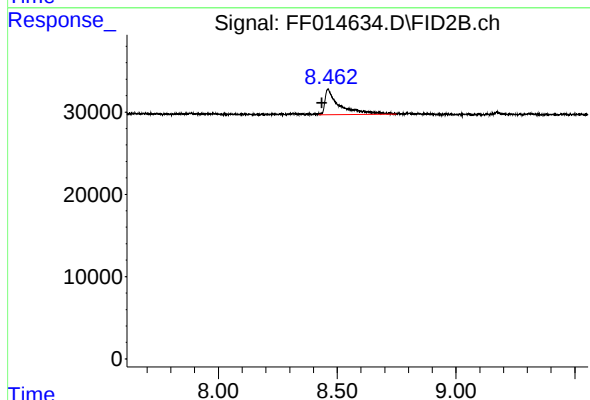
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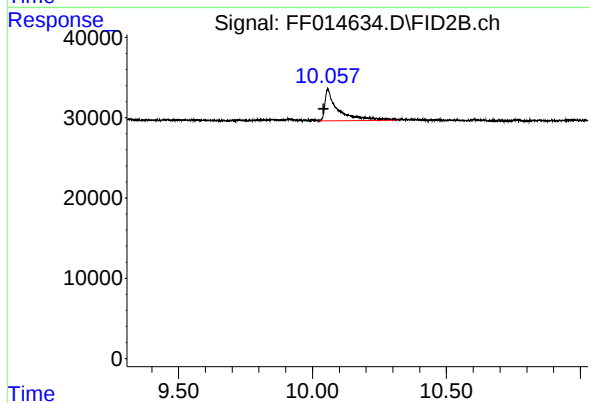
#3 N-DODECANE

R.T.: 6.616 min
Delta R.T.: 0.006 min
Response: 126904
Conc: 0.93 ug/ml m



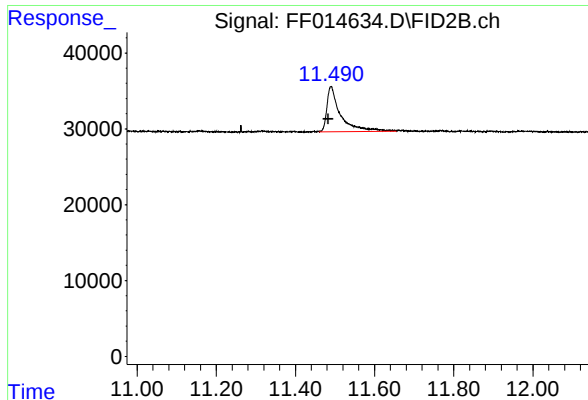
#4 N-TETRADECANE

R.T.: 8.462 min
Delta R.T.: 0.026 min
Response: 137659
Conc: 1.00 ug/ml m



#5 N-HEXADECANE

R.T.: 10.057 min
Delta R.T.: 0.015 min
Response: 138765
Conc: 1.01 ug/ml m



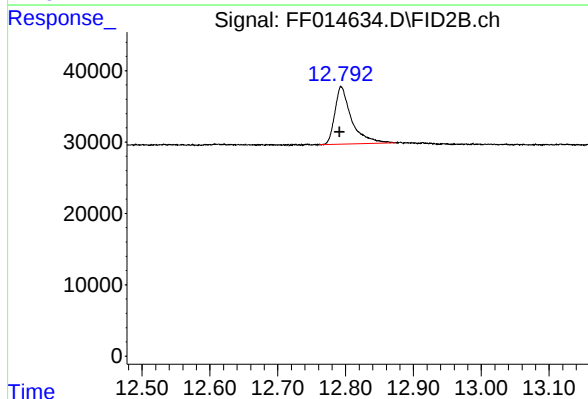
#6 N-OCTADECANE

R.T.: 11.490 min
Delta R.T.: 0.007 min
Response: 141914
Conc: 0.99 ug/ml

Instrument :
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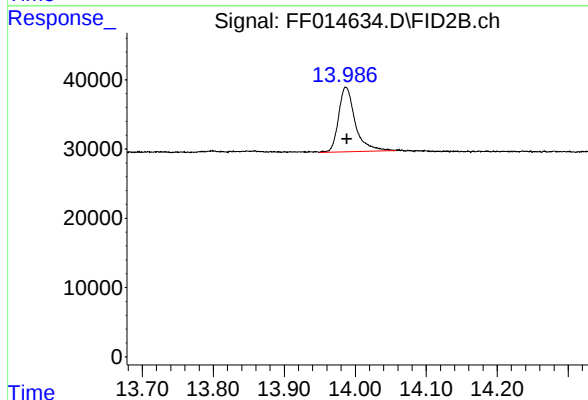
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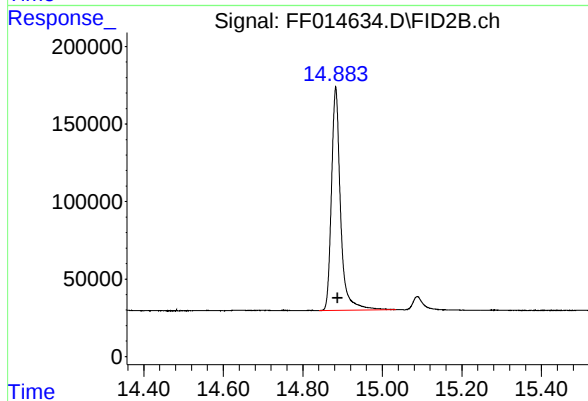
#7 N-EICOSANE

R.T.: 12.794 min
Delta R.T.: 0.003 min
Response: 137402
Conc: 0.93 ug/ml



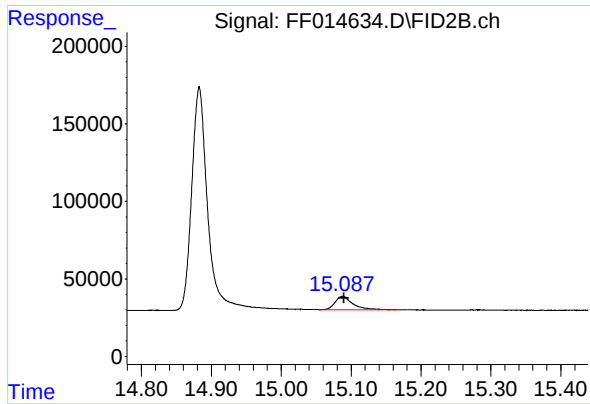
#8 N-DOCOSANE

R.T.: 13.987 min
Delta R.T.: -0.001 min
Response: 150821
Conc: 1.04 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.883 min
Delta R.T.: -0.005 min
Response: 2277757
Conc: 17.42 ug/ml



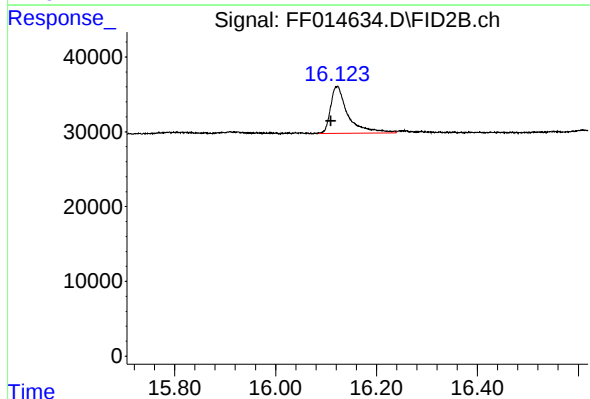
#10 N-TETRACOSANE

R.T.: 15.088 min
Delta R.T.: -0.002 min
Response: 152118
Conc: 1.04 ug/ml

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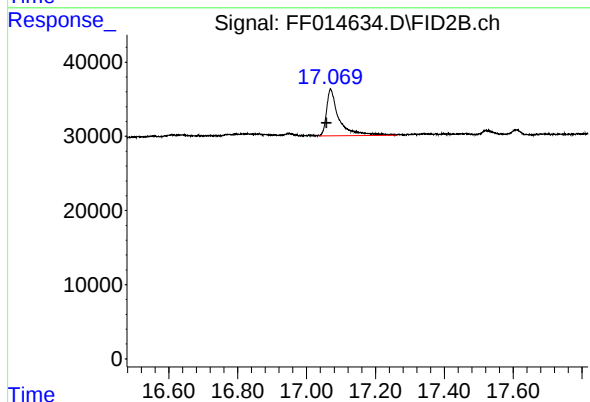
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#11 N-HEXACOSANE

R.T.: 16.123 min
Delta R.T.: 0.013 min
Response: 150914
Conc: 1.04 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.069 min
Delta R.T.: 0.010 min
Response: 158127
Conc: 1.10 ug/ml m