

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF040623\
 Data File : FF012391.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 16:59
 Operator : YP\AJ
 Sample : 02213-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 66 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File: autoint1.e
 Quant Time: Apr 07 05:34:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF031623.M
 Quant Title :
 QLast Update : Wed Mar 15 18:07:23 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...	15.018	1630971	14.574 ug/ml
Target Compounds			
2) N-DECANE	4.583	82469	0.659 ug/ml
3) N-DODECANE	6.747	39254	0.317 ug/mlm
4) N-TETRADECANE	8.588	80048	0.614 ug/mlm
5) N-HEXADECANE	10.187	67147	0.503 ug/ml
6) N-OCTADECANE	11.623	78667	0.586 ug/ml
7) N-EICOSANE	12.926	87671	0.659 ug/ml
8) N-DOCOSANE	14.120	89696	0.706 ug/ml
10) N-TETRACOSANE	15.221	88147	0.707 ug/ml
11) N-HEXACOSANE	16.248	84620	0.707 ug/ml
12) N-OCTACOSANE	17.194	89691	0.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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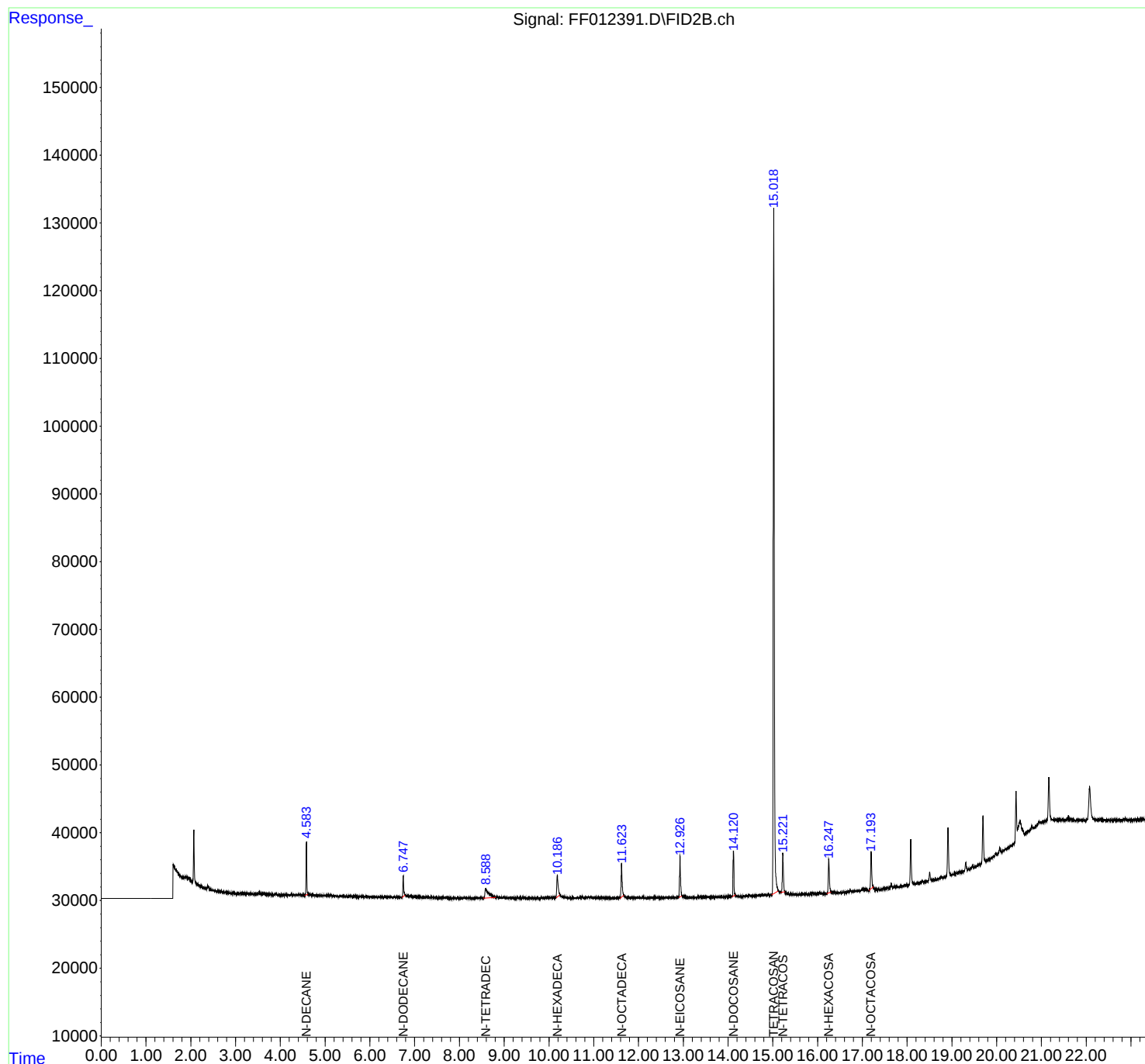
APPROVED

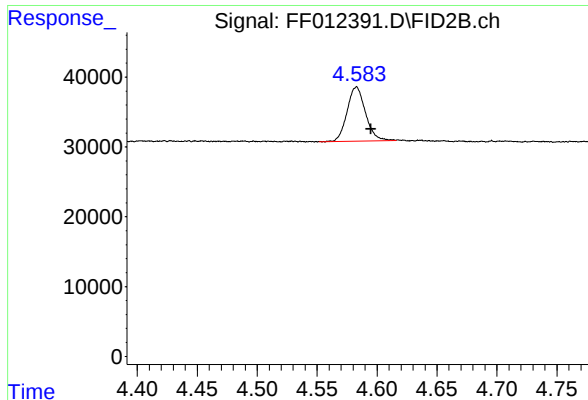
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#2 N-DECANE

R.T.: 4.583 min
Delta R.T.: -0.012 min
Response: 82469
Conc: 0.66 ug/ml

Instrument :

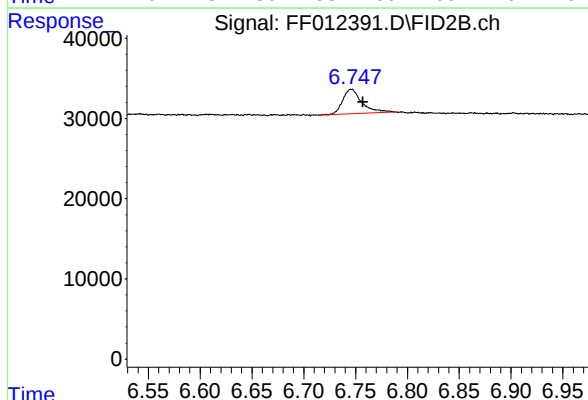
FID_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

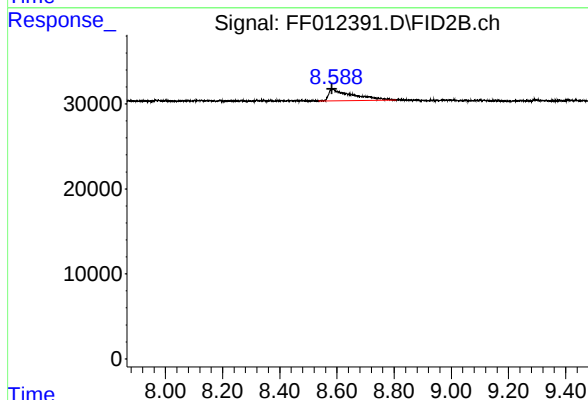
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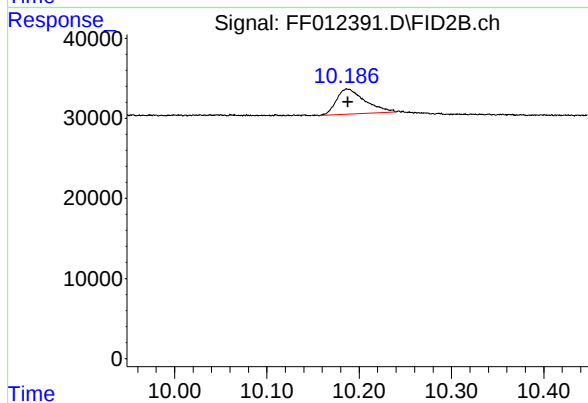
#3 N-DODECANE

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 39254
Conc: 0.32 ug/ml m



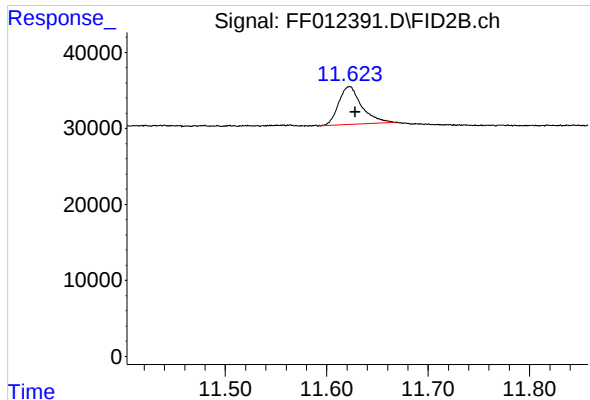
#4 N-TETRADECANE

R.T.: 8.588 min
Delta R.T.: 0.006 min
Response: 80048
Conc: 0.61 ug/ml m



#5 N-HEXADECANE

R.T.: 10.187 min
Delta R.T.: 0.000 min
Response: 67147
Conc: 0.50 ug/ml



#6 N-OCTADECANE

R.T.: 11.623 min
Delta R.T.: -0.006 min
Response: 78667
Conc: 0.59 ug/ml

Instrument :

FID_F

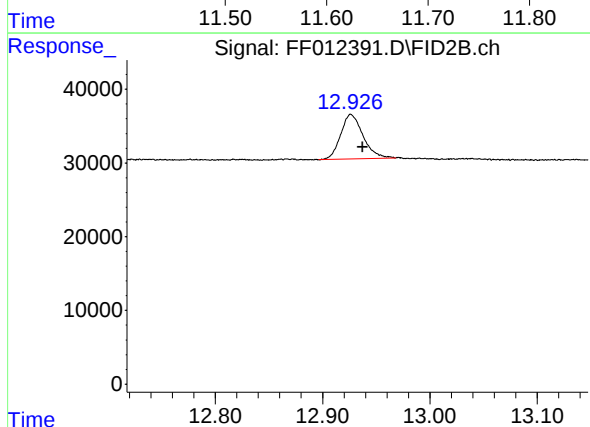
ClientSampleId :

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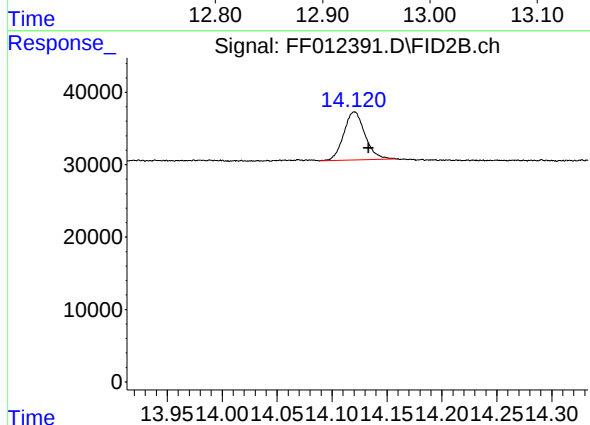
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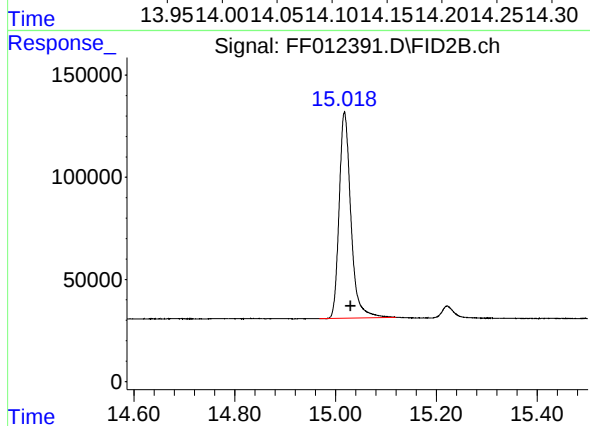
#7 N-EICOSANE

R.T.: 12.926 min
Delta R.T.: -0.011 min
Response: 87671
Conc: 0.66 ug/ml



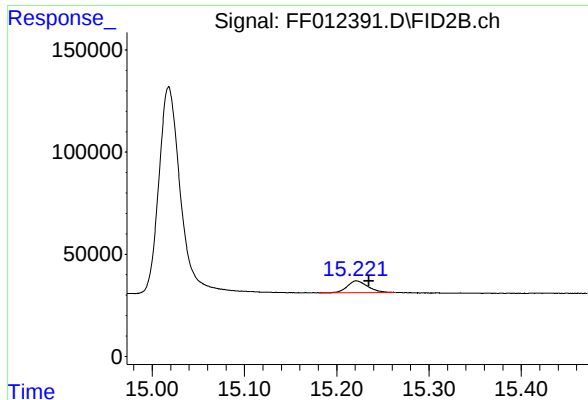
#8 N-DOCOSANE

R.T.: 14.120 min
Delta R.T.: -0.013 min
Response: 89696
Conc: 0.71 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.018 min
Delta R.T.: -0.012 min
Response: 1630971
Conc: 14.57 ug/ml



#10 N-TETRACOSANE

R.T.: 15.221 min
Delta R.T.: -0.014 min
Response: 88147
Conc: 0.71 ug/ml

Instrument :

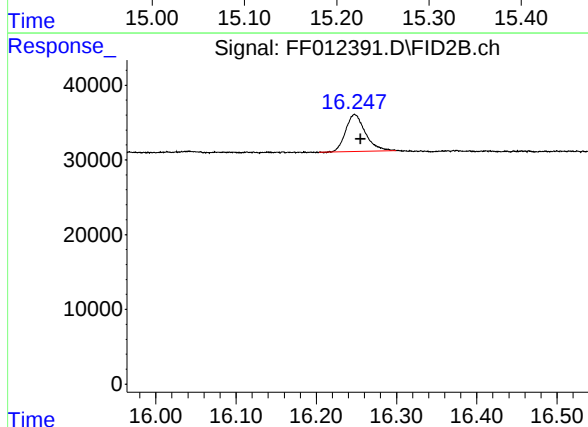
FID_F

ClientSampleId :

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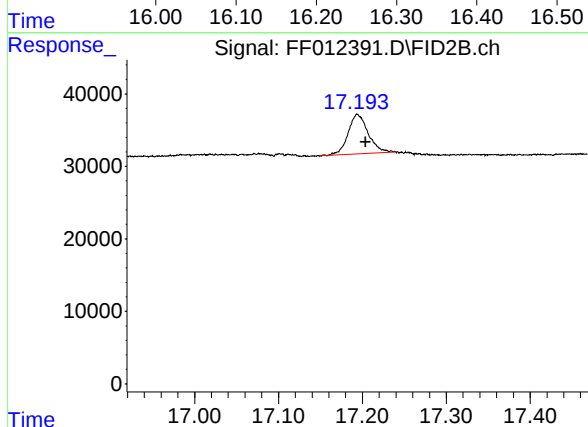
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#11 N-HEXACOSANE

R.T.: 16.248 min
Delta R.T.: -0.007 min
Response: 84620
Conc: 0.71 ug/ml



#12 N-OCTACOSANE

R.T.: 17.194 min
Delta R.T.: -0.010 min
Response: 89691
Conc: 0.78 ug/ml