

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060722\
 Data File : FG009814.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2022 13:59
 Operator : AJ\MA
 Sample : N1645-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 04:22:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG060122.M
 Quant Title :
 QLast Update : Wed Jun 01 13:06:30 2022
 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...	14.838	1752101	16.646 ug/ml
Target Compounds			
2) N-DECANE	4.360	174561	1.382 ug/ml
3) N-DODECANE	6.535	174751	1.385 ug/ml
4) N-TETRADECANE	8.365	173521	1.366 ug/ml
5) N-HEXADECANE	9.975	168548	1.336 ug/ml
6) N-OCTADECANE	11.420	163949	1.299 ug/ml
7) N-EICOSANE	12.733	157498	1.288 ug/ml
8) N-DOCOSANE	13.932	149367	1.239 ug/ml
10) N-TETRACOSANE	15.040	154269	1.316 ug/mlm
11) N-HEXACOSANE	16.063	145235	1.280 ug/mlm
12) N-OCTACOSANE	17.017	149874	1.310 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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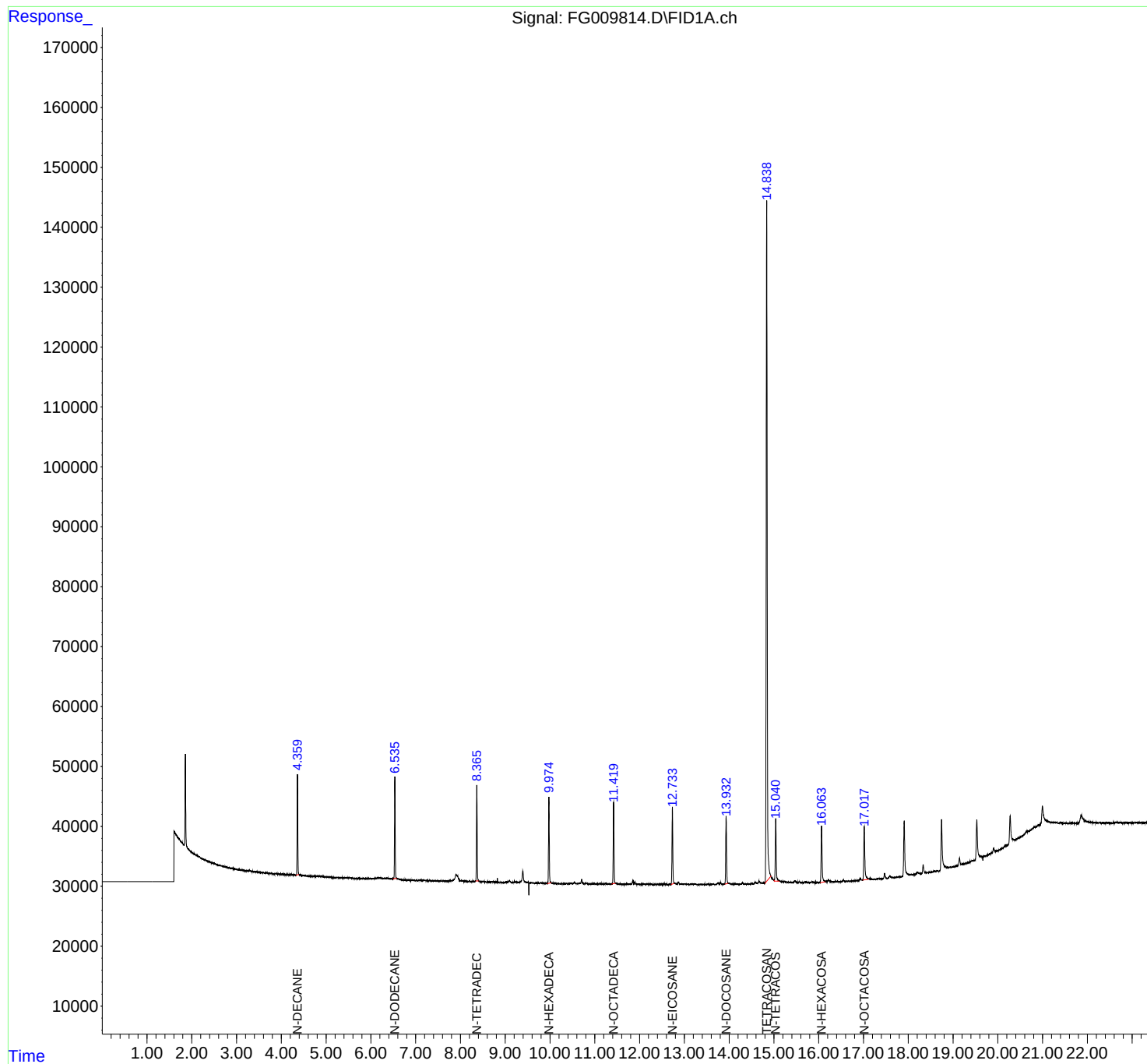
Instrument :
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LOD-MDL-WATER-01-QT1-2022

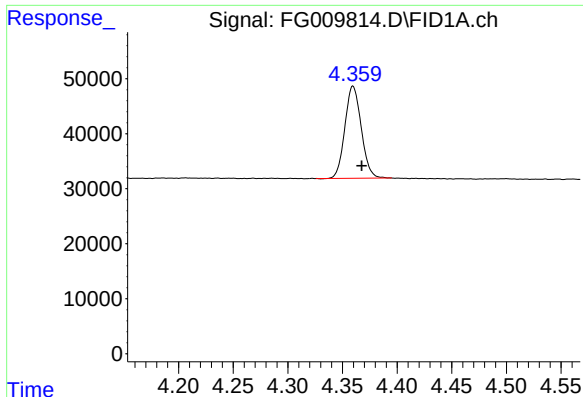
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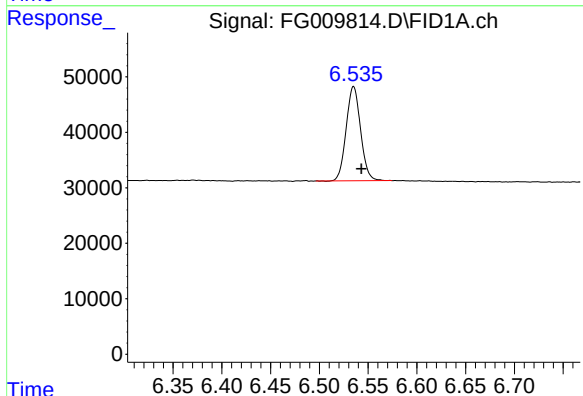
#2 N-DECANE

R.T.: 4.360 min
Delta R.T.: -0.008 min
Response: 174561
Conc: 1.38 ug/ml

Instrument :
FID_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

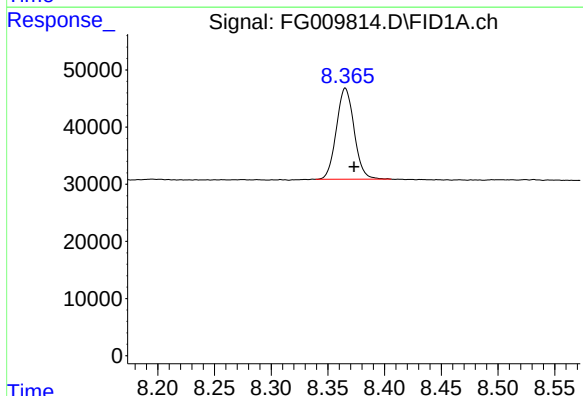
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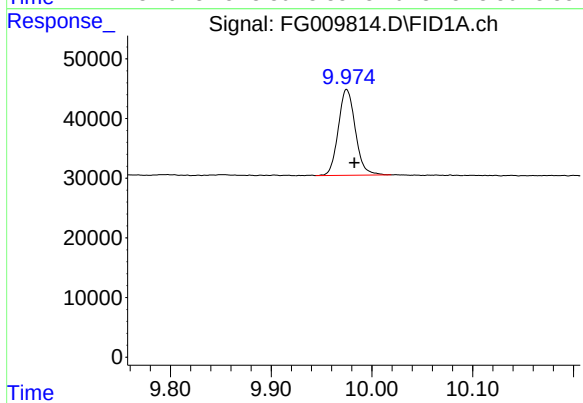
#3 N-DODECANE

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 174751
Conc: 1.39 ug/ml



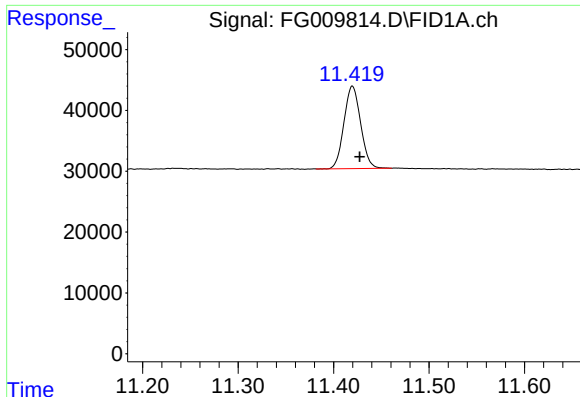
#4 N-TETRADECANE

R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 173521
Conc: 1.37 ug/ml



#5 N-HEXADECANE

R.T.: 9.975 min
Delta R.T.: -0.008 min
Response: 168548
Conc: 1.34 ug/ml



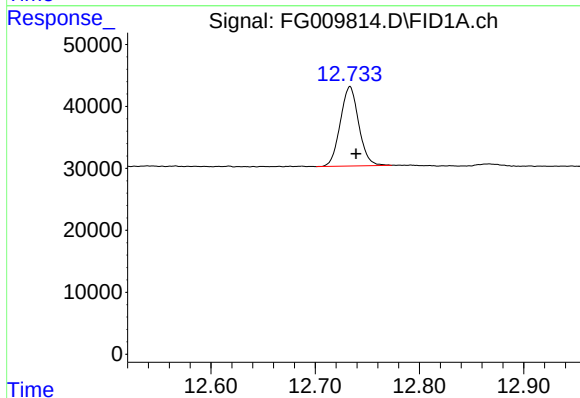
#6 N-OCTADECANE

R.T.: 11.420 min
Delta R.T.: -0.008 min
Response: 163949
Conc: 1.30 ug/ml

Instrument :
FID_G
ClientSampleId :
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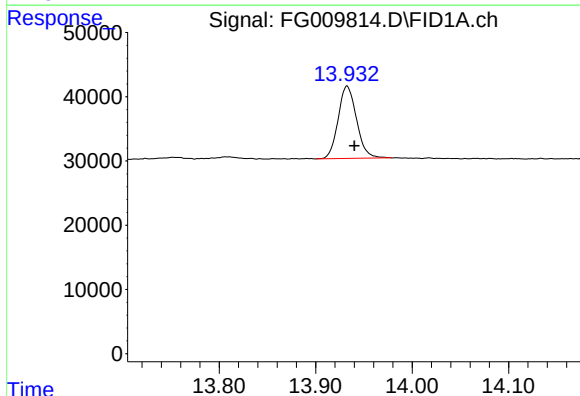
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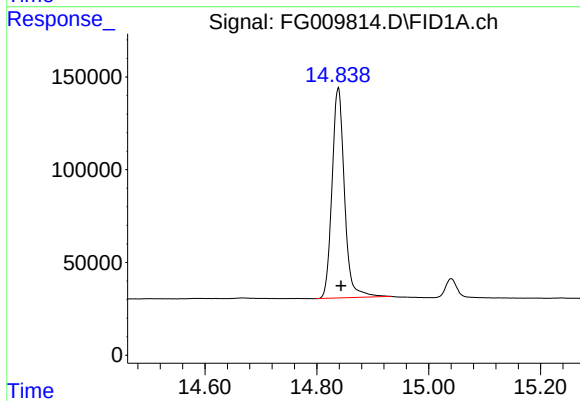
#7 N-EICOSANE

R.T.: 12.733 min
Delta R.T.: -0.006 min
Response: 157498
Conc: 1.29 ug/ml



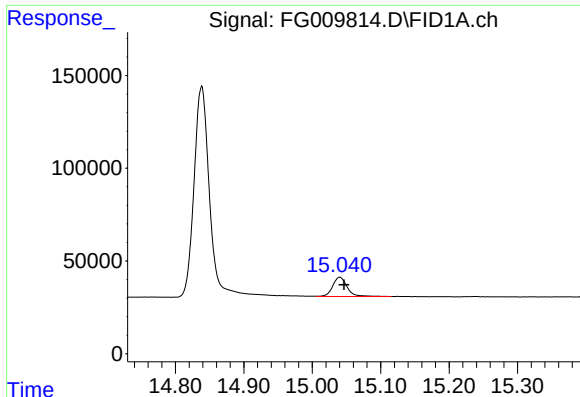
#8 N-DOCOSANE

R.T.: 13.932 min
Delta R.T.: -0.008 min
Response: 149367
Conc: 1.24 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.838 min
Delta R.T.: -0.005 min
Response: 1752101
Conc: 16.65 ug/ml



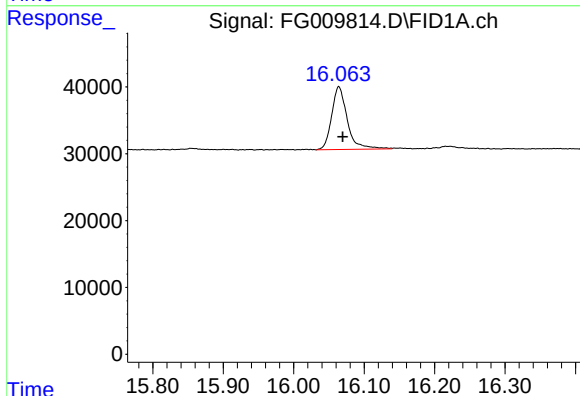
#10 N-TETRACOSANE

R.T.: 15.040 min
Delta R.T.: -0.007 min
Response: 154269
Conc: 1.32 ug/ml

Instrument :
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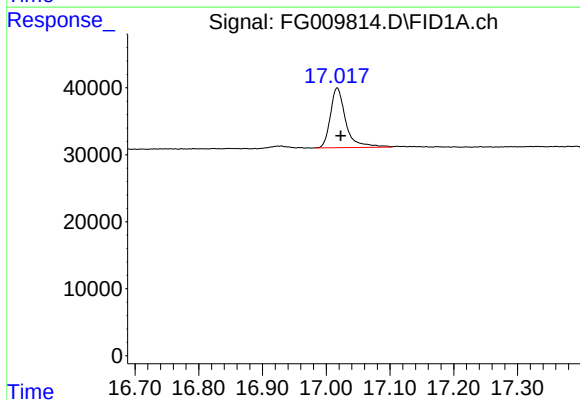
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#11 N-HEXACOSANE

R.T.: 16.063 min
Delta R.T.: -0.006 min
Response: 145235
Conc: 1.28 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.017 min
Delta R.T.: -0.005 min
Response: 149874
Conc: 1.31 ug/ml m