

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG060722\
 Data File : FG009815.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2022 14:28
 Operator : AJ\MA
 Sample : N1645-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 9 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 04:22:42 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...	14.837	1862916	17.699 ug/ml
Target Compounds			
2) N-DECANE	4.359	329044	2.605 ug/ml
3) N-DODECANE	6.534	329221	2.610 ug/ml
4) N-TETRADECANE	8.365	327494	2.577 ug/ml
5) N-HEXADECANE	9.975	315720	2.503 ug/ml
6) N-OCTADECANE	11.421	309147	2.449 ug/ml
7) N-EICOSANE	12.732	298546	2.441 ug/ml
8) N-DOCOSANE	13.933	284146	2.356 ug/ml
10) N-TETRACOSANE	15.040	270246	2.306 ug/ml
11) N-HEXACOSANE	16.064	271949	2.397 ug/mlm
12) N-OCTACOSANE	17.016	272024	2.377 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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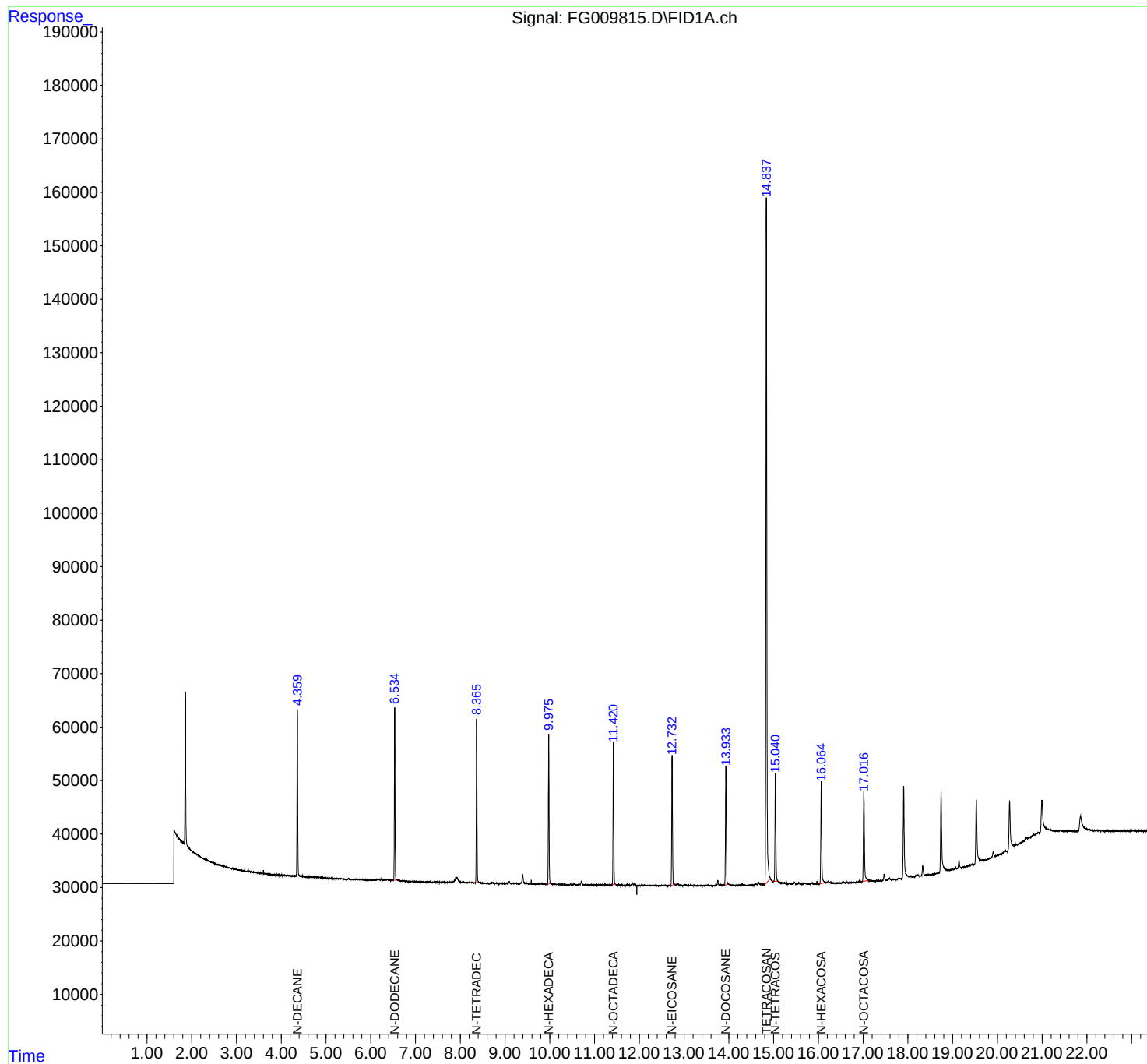
Instrument :
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LOD-MDL-WATER-01-QT1-2022

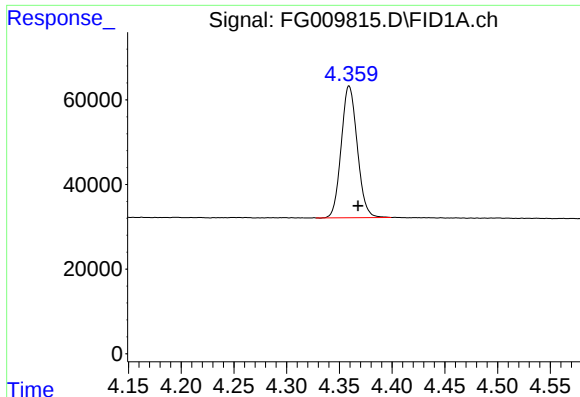
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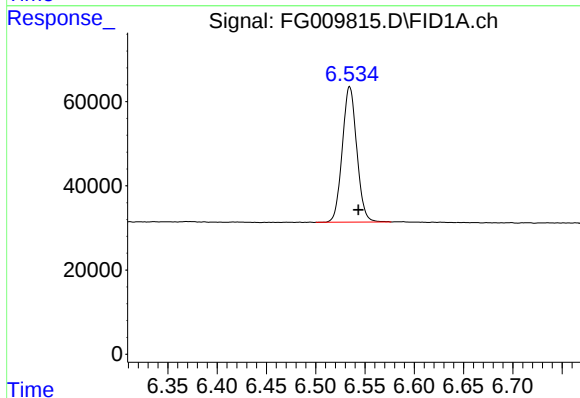
#2 N-DECANE

R.T.: 4.359 min
Delta R.T.: -0.008 min
Response: 329044
Conc: 2.61 ug/ml

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

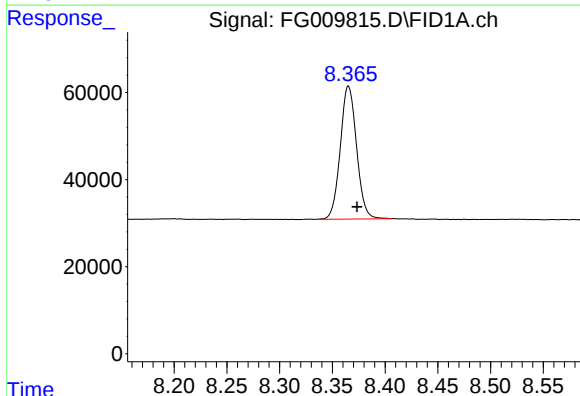
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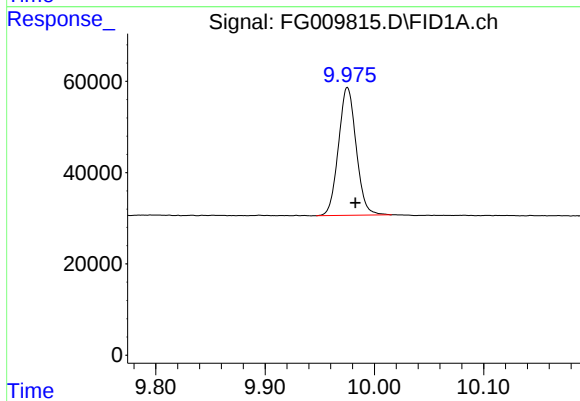
#3 N-DODECANE

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 329221
Conc: 2.61 ug/ml



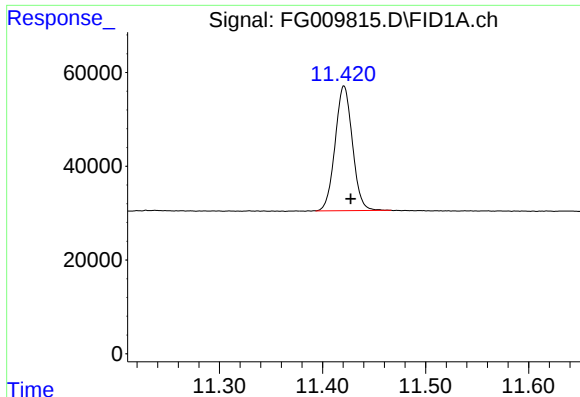
#4 N-TETRADECANE

R.T.: 8.365 min
Delta R.T.: -0.008 min
Response: 327494
Conc: 2.58 ug/ml



#5 N-HEXADECANE

R.T.: 9.975 min
Delta R.T.: -0.007 min
Response: 315720
Conc: 2.50 ug/ml



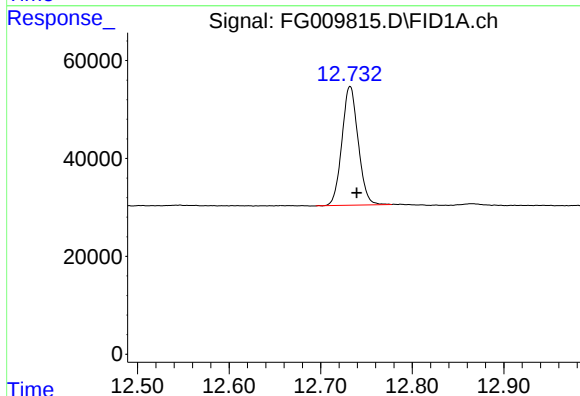
#6 N-OCTADECANE

R.T.: 11.421 min
Delta R.T.: -0.007 min
Response: 309147
Conc: 2.45 ug/ml

Instrument :
FID_G
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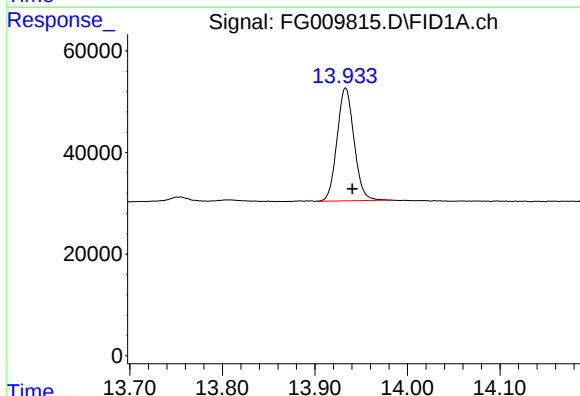
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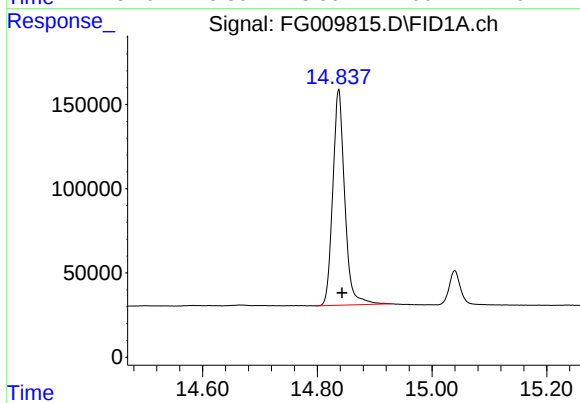
#7 N-EICOSANE

R.T.: 12.732 min
Delta R.T.: -0.007 min
Response: 298546
Conc: 2.44 ug/ml



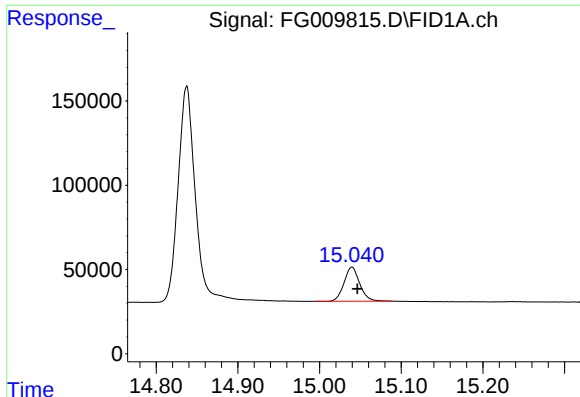
#8 N-DOCOSANE

R.T.: 13.933 min
Delta R.T.: -0.007 min
Response: 284146
Conc: 2.36 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.837 min
Delta R.T.: -0.006 min
Response: 1862916
Conc: 17.70 ug/ml



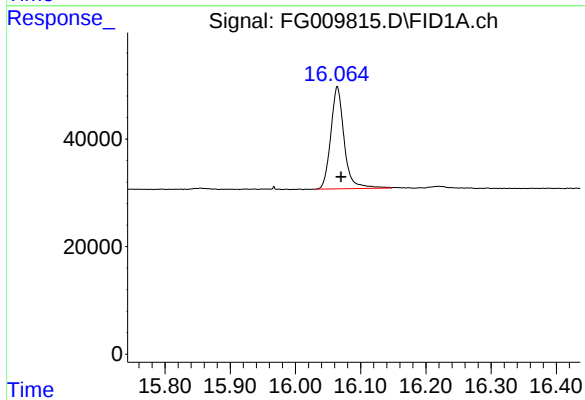
#10 N-TETRACOSANE

R.T.: 15.040 min
Delta R.T.: -0.007 min
Response: 270246
Conc: 2.31 ug/ml

Instrument :
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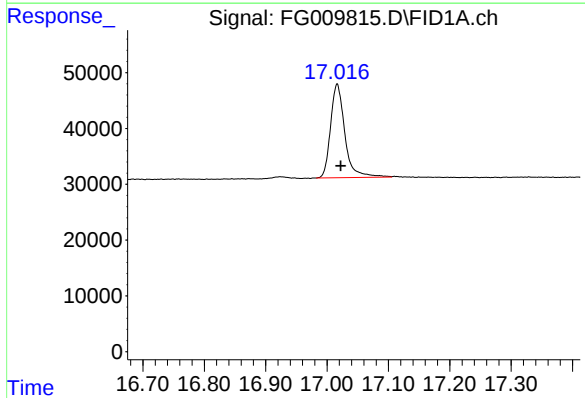
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#11 N-HEXACOSANE

R.T.: 16.064 min
Delta R.T.: -0.006 min
Response: 271949
Conc: 2.40 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.016 min
Delta R.T.: -0.006 min
Response: 272024
Conc: 2.38 ug/ml m