

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014409.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 12:59
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_G
 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 03:01:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100224.M
 Quant Title :
 QLast Update : Thu Oct 03 05:57:06 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...	14.913	2146790	17.337 ug/ml
Target Compounds			
2) N-DECANE	4.431	308170	2.616 ug/ml
3) N-DODECANE	6.604	238217	2.036 ug/ml
4) N-TETRADECANE	8.472	291029	2.397 ug/mlm
5) N-HEXADECANE	10.066	333152	2.617 ug/ml
6) N-OCTADECANE	11.501	345152	2.582 ug/ml
7) N-EICOSANE	12.809	346407	2.492 ug/ml
8) N-DOCOSANE	14.008	368725	2.688 ug/ml
10) N-TETRACOSANE	15.119	378191	2.743 ug/ml
11) N-HEXACOSANE	16.147	369159	2.670 ug/ml
12) N-OCTACOSANE	17.098	376337	2.746 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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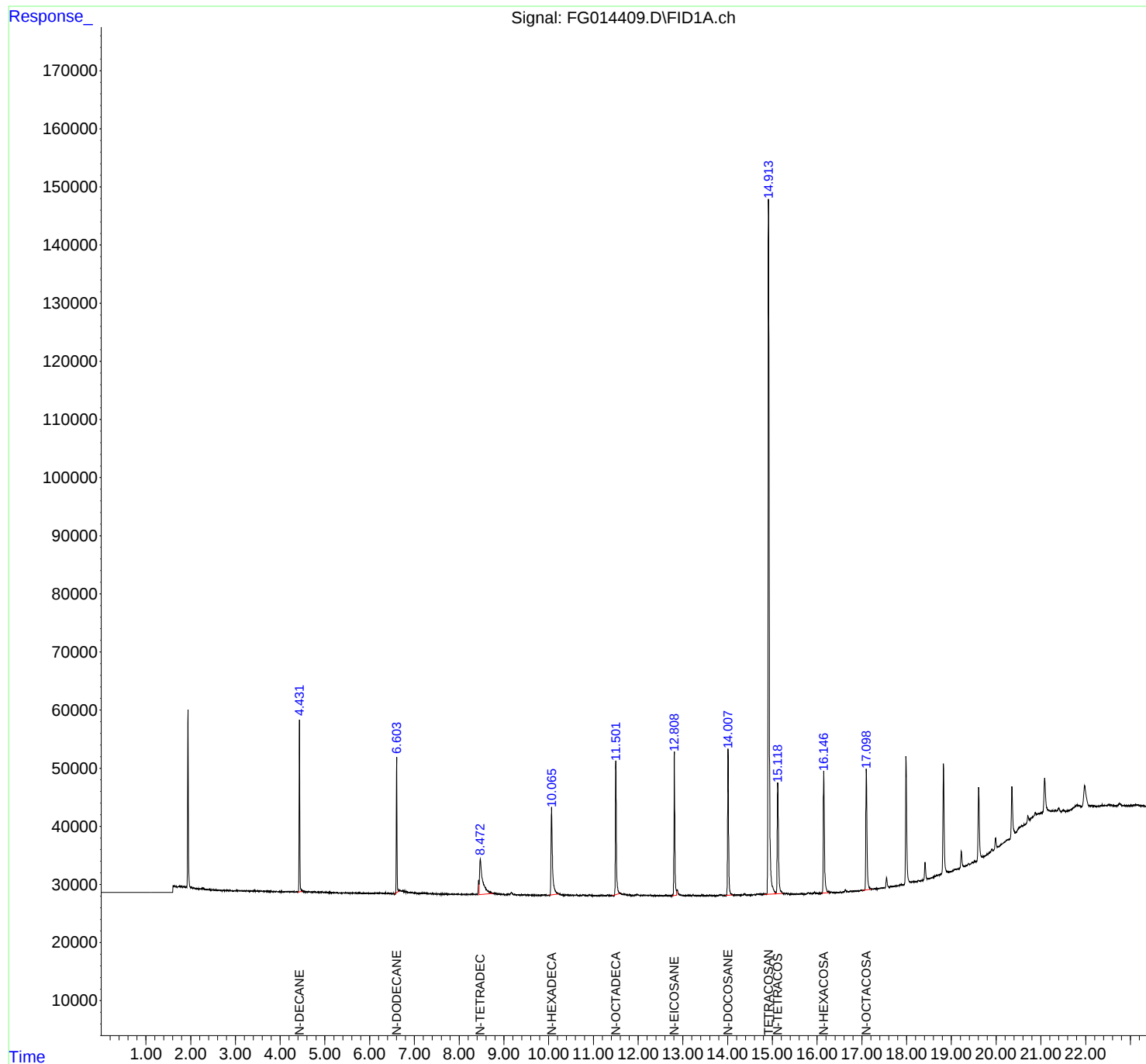
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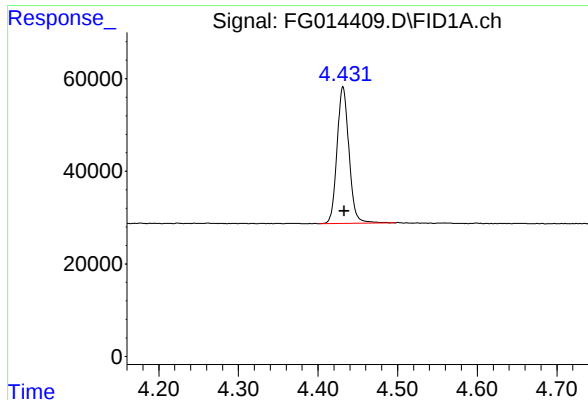
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#2 N-DECANE

R.T.: 4.431 min
Delta R.T.: -0.002 min
Response: 308170
Conc: 2.62 ug/ml

Instrument :

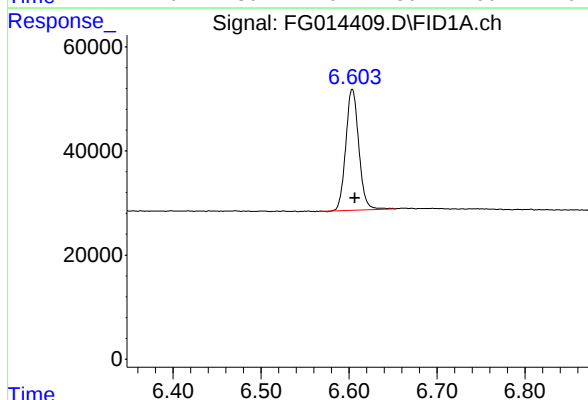
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

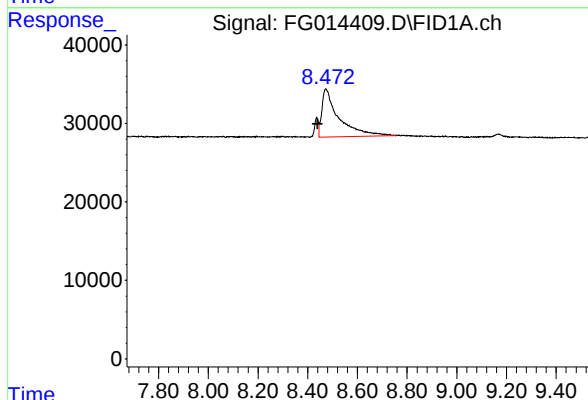
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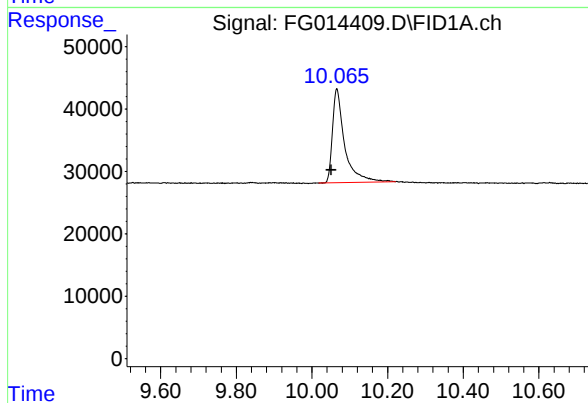
#3 N-DODECANE

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 238217
Conc: 2.04 ug/ml



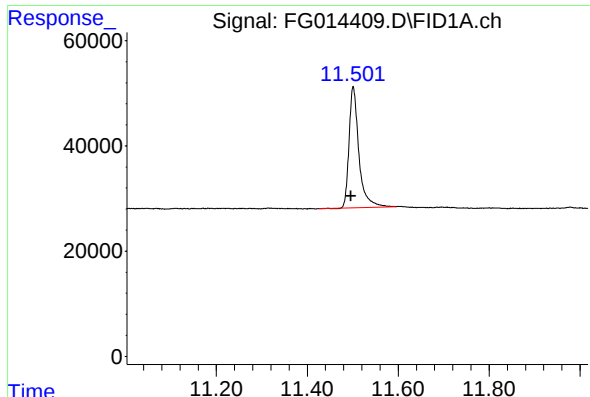
#4 N-TETRADECANE

R.T.: 8.472 min
Delta R.T.: 0.031 min
Response: 291029
Conc: 2.40 ug/ml m



#5 N-HEXADECANE

R.T.: 10.066 min
Delta R.T.: 0.015 min
Response: 333152
Conc: 2.62 ug/ml



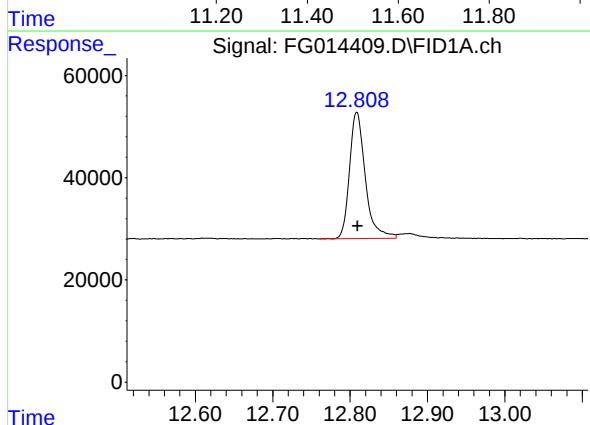
#6 N-OCTADECANE

R.T.: 11.501 min
Delta R.T.: 0.005 min
Response: 345152
Conc: 2.58 ug/ml

Instrument :
FID_G
ClientSampleId :
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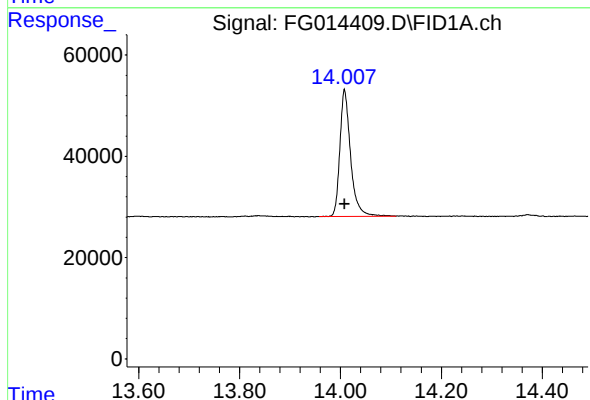
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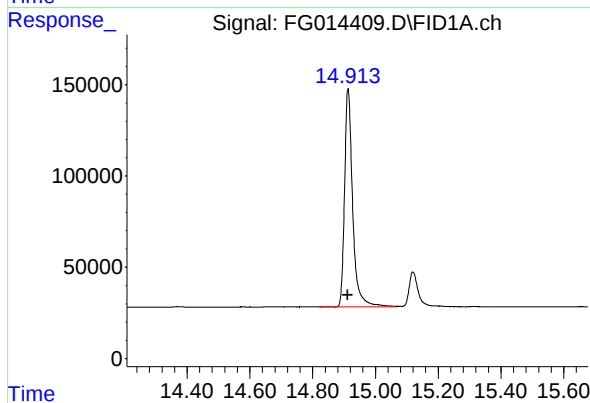
#7 N-EICOSANE

R.T.: 12.809 min
Delta R.T.: 0.000 min
Response: 346407
Conc: 2.49 ug/ml



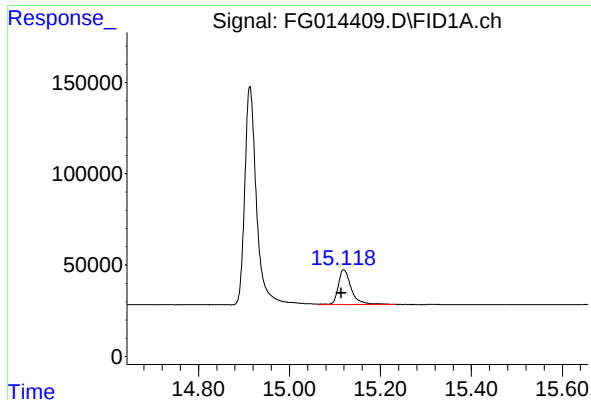
#8 N-DOCOSANE

R.T.: 14.008 min
Delta R.T.: 0.000 min
Response: 368725
Conc: 2.69 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.913 min
Delta R.T.: 0.002 min
Response: 2146790
Conc: 17.34 ug/ml



#10 N-TETRACOSANE

R.T.: 15.119 min
Delta R.T.: 0.004 min
Response: 378191
Conc: 2.74 ug/ml

Instrument :

FID_G

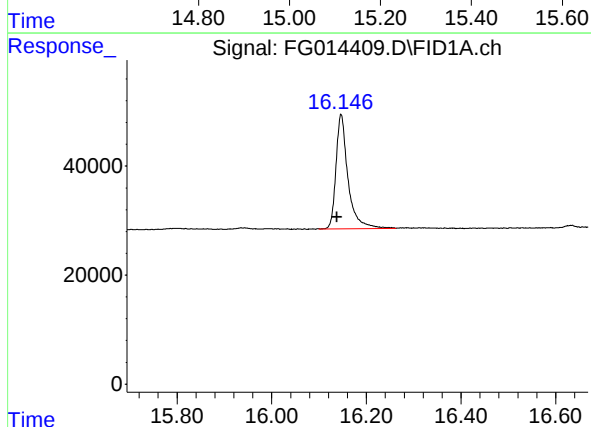
ClientSampleId :

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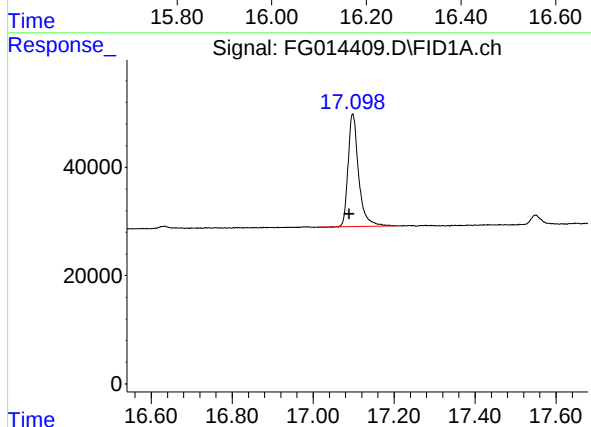
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#11 N-HEXACOSANE

R.T.: 16.147 min
Delta R.T.: 0.009 min
Response: 369159
Conc: 2.67 ug/ml



#12 N-OCTACOSANE

R.T.: 17.098 min
Delta R.T.: 0.008 min
Response: 376337
Conc: 2.75 ug/ml