

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101124\
 Data File : FG014408.D
 Signal(s) : FID1A.ch
 Acq On : 11 Oct 2024 12:30
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 62 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 03:00:55 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...	14.914	2201428	17.778 ug/ml
Target Compounds			
2) N-DECANE	4.432	123317	1.047 ug/ml
3) N-DODECANE	6.604	94653	0.809 ug/ml
4) N-TETRADECANE	8.509f	131238	1.081 ug/mlm
5) N-HEXADECANE	10.078	119464	0.939 ug/ml
6) N-OCTADECANE	11.506	140750	1.053 ug/ml
7) N-EICOSANE	12.811	143248	1.031 ug/mlm
8) N-DOCOSANE	14.009	147691	1.077 ug/ml
10) N-TETRACOSANE	15.120	172922	1.254 ug/ml
11) N-HEXACOSANE	16.161	145217	1.050 ug/ml
12) N-OCTACOSANE	17.108	157892	1.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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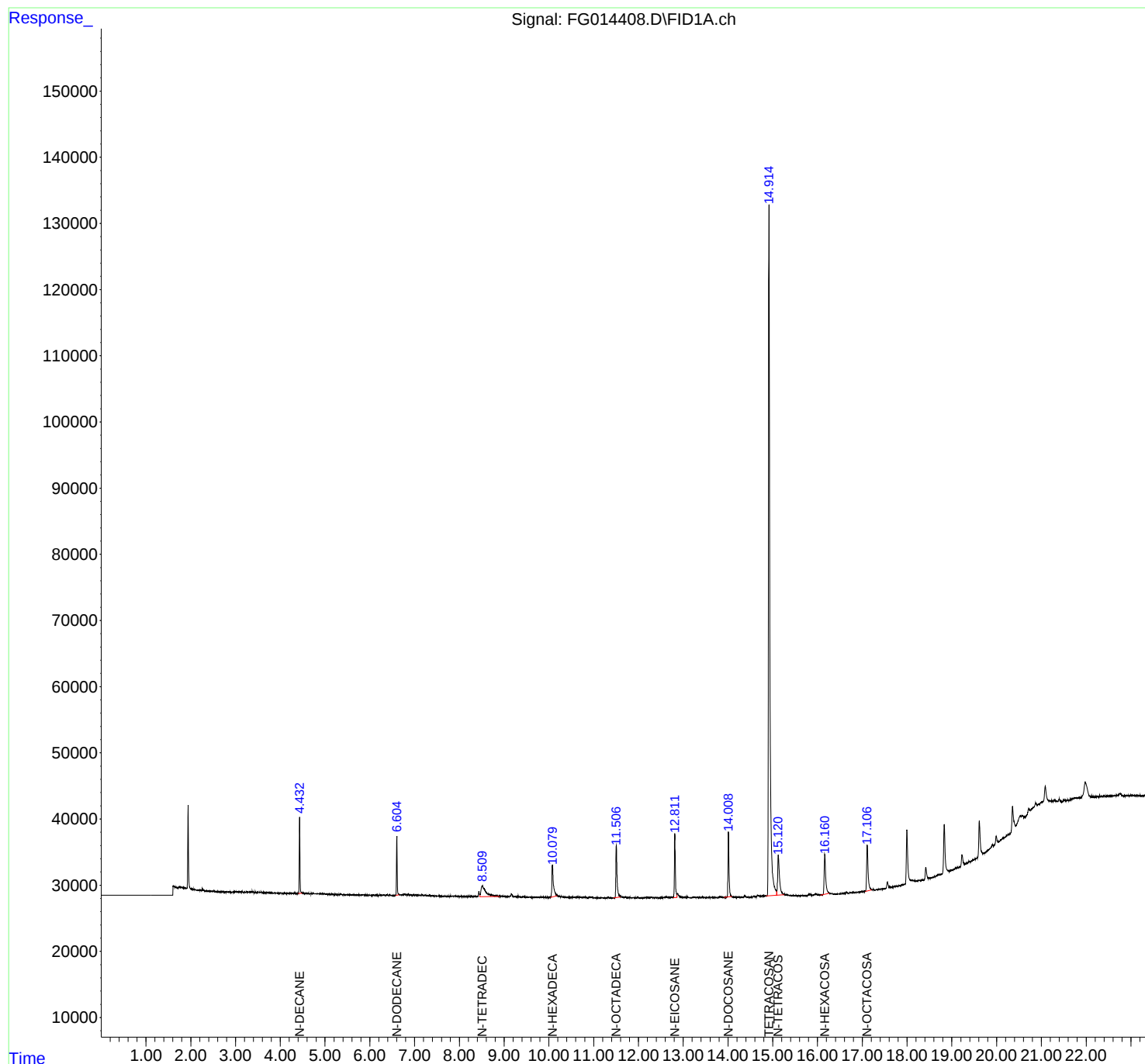
APPROVED

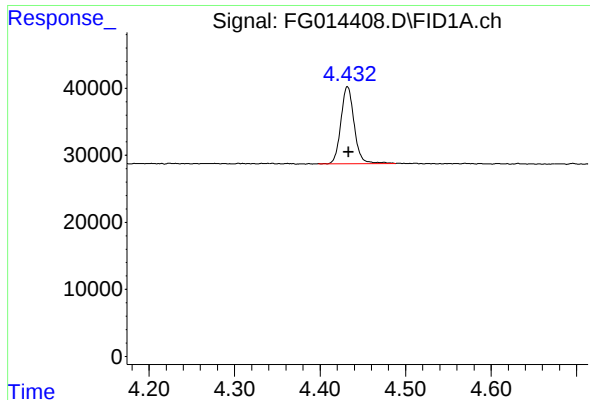
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#2 N-DECANE

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 123317
Conc: 1.05 ug/ml

Instrument :

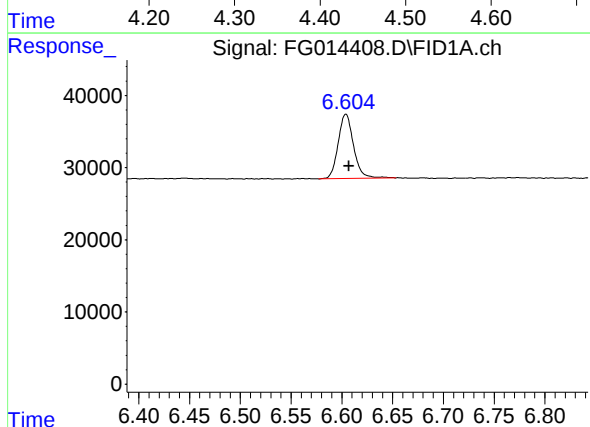
FID_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

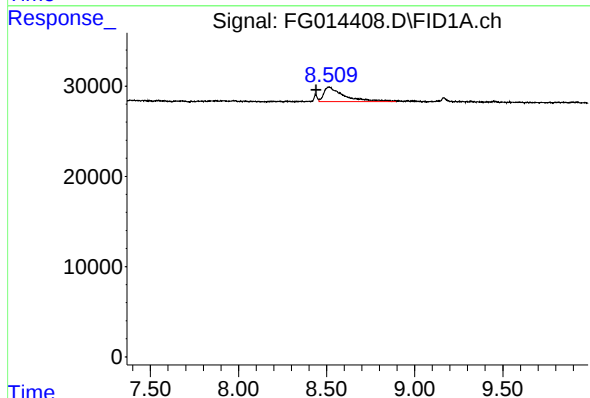
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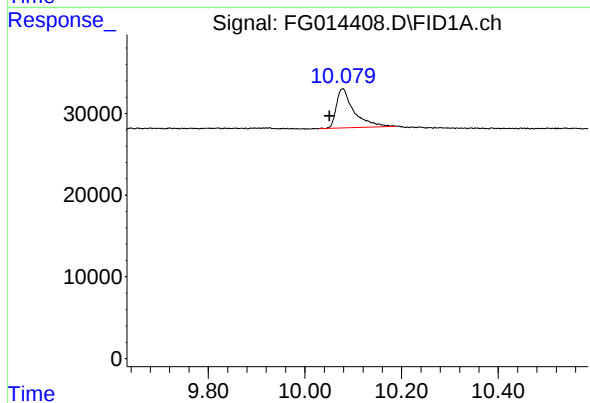
#3 N-DODECANE

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 94653
Conc: 0.81 ug/ml



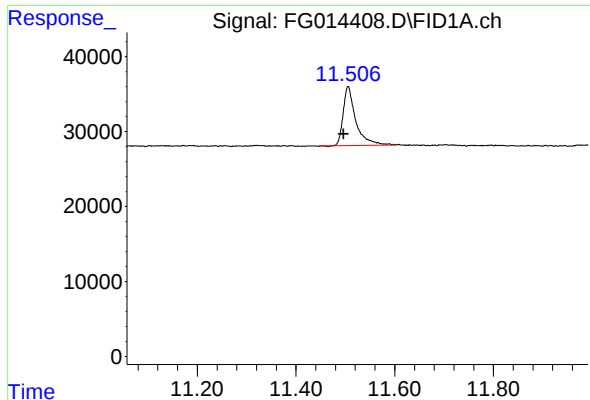
#4 N-TETRADECANE

R.T.: 8.509 min
Delta R.T.: 0.068 min
Response: 131238
Conc: 1.08 ug/ml m



#5 N-HEXADECANE

R.T.: 10.078 min
Delta R.T.: 0.027 min
Response: 119464
Conc: 0.94 ug/ml



#6 N-OCTADECANE

R.T.: 11.506 min
Delta R.T.: 0.009 min
Response: 140750
Conc: 1.05 ug/ml

Instrument :

FID_G

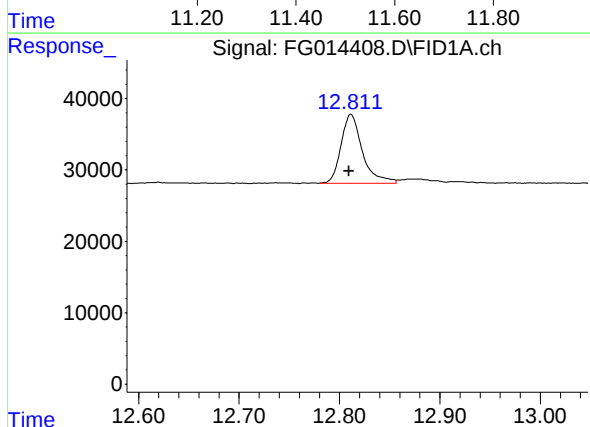
ClientSampleId :

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Manual Integrations

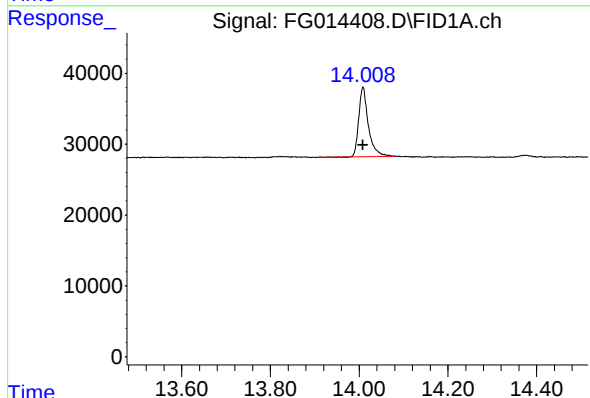
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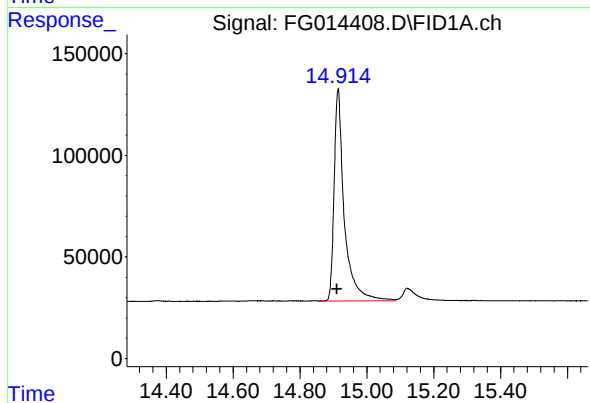
#7 N-EICOSANE

R.T.: 12.811 min
Delta R.T.: 0.001 min
Response: 143248
Conc: 1.03 ug/ml m



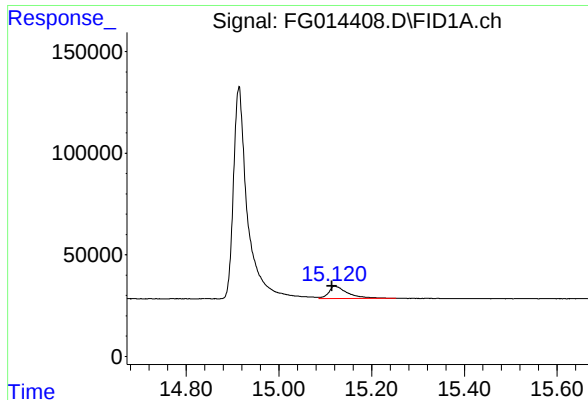
#8 N-DOCOSANE

R.T.: 14.009 min
Delta R.T.: 0.000 min
Response: 147691
Conc: 1.08 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.914 min
Delta R.T.: 0.003 min
Response: 2201428
Conc: 17.78 ug/ml



#10 N-TETRACOSANE

R.T.: 15.120 min
Delta R.T.: 0.006 min
Response: 172922
Conc: 1.25 ug/ml

Instrument :

FID_G

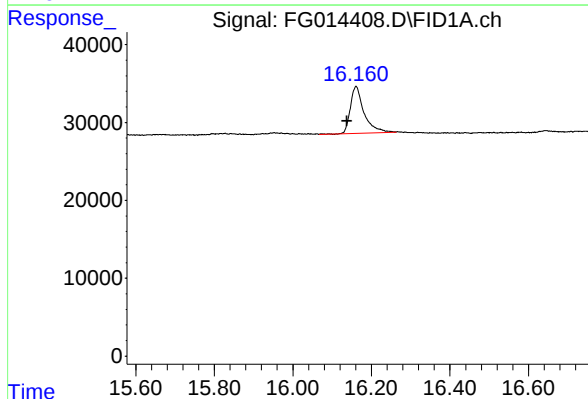
ClientSampleId :

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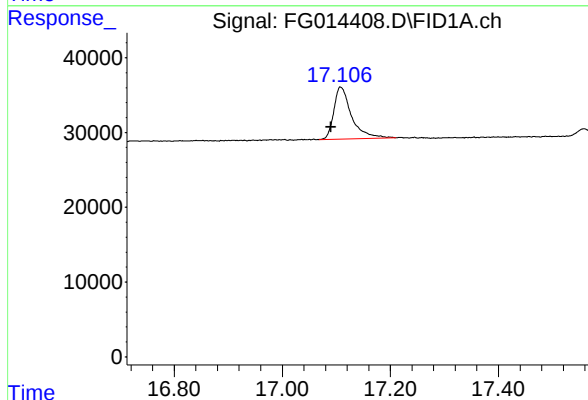
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#11 N-HEXACOSANE

R.T.: 16.161 min
Delta R.T.: 0.023 min
Response: 145217
Conc: 1.05 ug/ml



#12 N-OCTACOSANE

R.T.: 17.108 min
Delta R.T.: 0.018 min
Response: 157892
Conc: 1.15 ug/ml