

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101124\
 Data File : FE050609.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2024 01:31
 Operator : YP\AJ
 Sample : P4368-07
 Misc : 1 PPM WATER LOD
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2024
 Supervised By :Ankita Jodhani 10/11/2024

Integration File: autoint1.e
 Quant Time: Oct 11 03:57:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE101124.M
 Quant Title :
 QLast Update : Thu Oct 10 13:46:49 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...	14.941	2328156	16.707 ug/ml
Target Compounds			
2) N-DECANE	4.498	155103	1.003 ug/mlm
3) N-DODECANE	6.667	139187	0.897 ug/mlm
4) N-TETRADECANE	8.496	150552	0.958 ug/mlm
5) N-HEXADECANE	10.102	160575	1.022 ug/mlm
6) N-OCTADECANE	11.540	166787	1.040 ug/mlm
7) N-EICOSANE	12.847	159418	0.986 ug/ml
8) N-DOCOSANE	14.041	161176	1.028 ug/ml
10) N-TETRACOSANE	15.143	160807	1.025 ug/ml
11) N-HEXACOSANE	16.163	159834	1.014 ug/ml
12) N-OCTACOSANE	17.111	167196	1.047 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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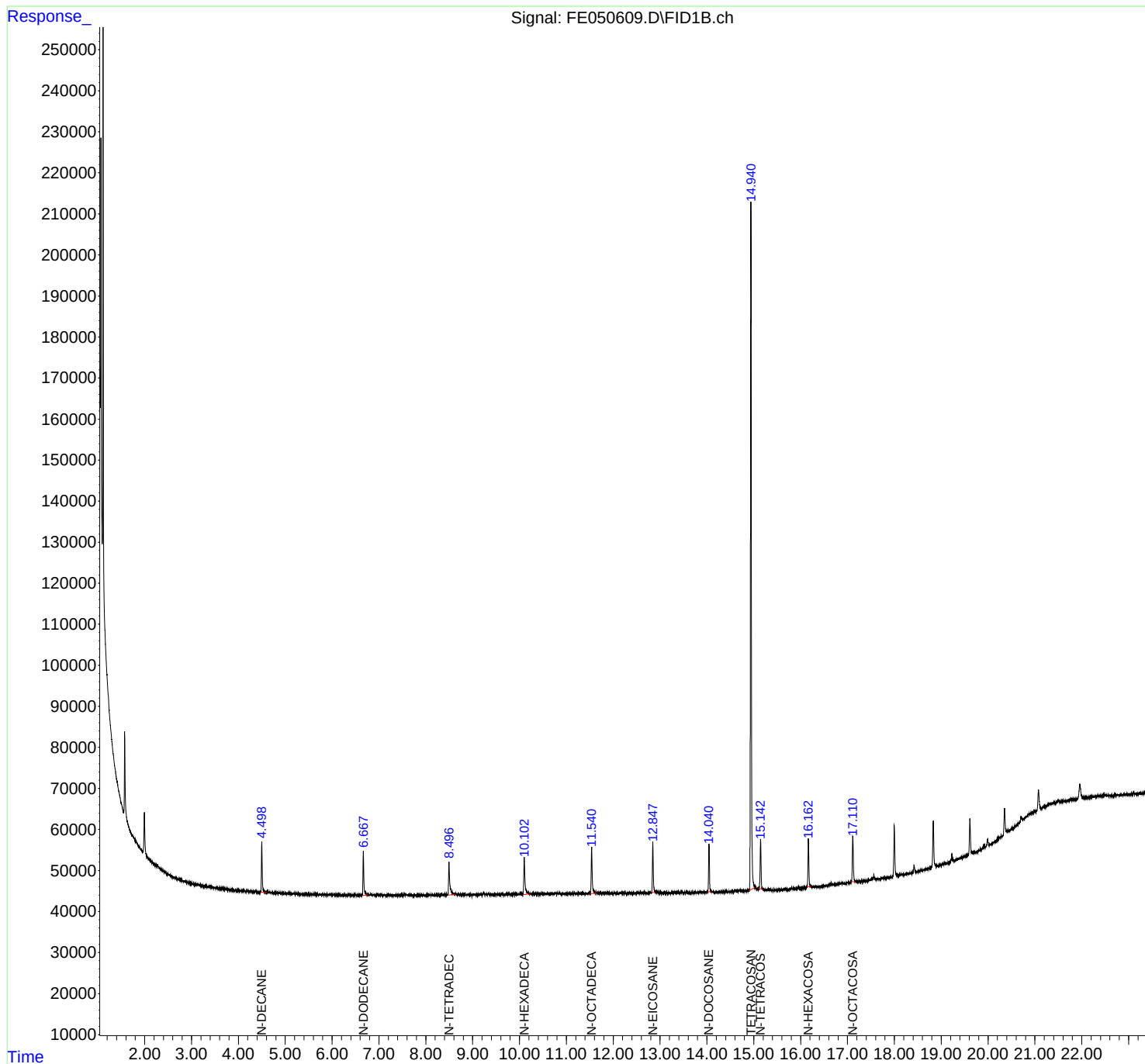
APPROVED

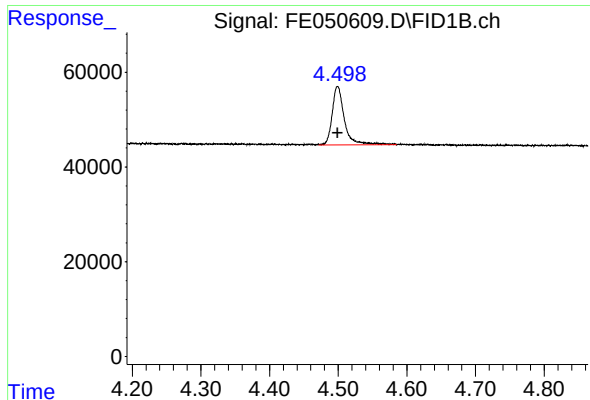
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Volume Inj. : 1uL
Signal Phase : Rxi-1ms
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#2 N-DECANE

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 155103
Conc: 1.00 ug/ml

Instrument :

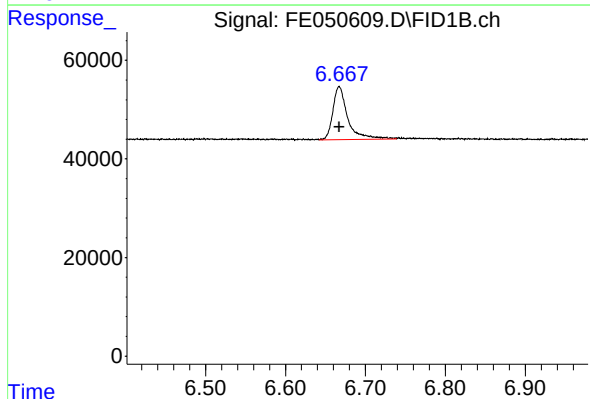
FID_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

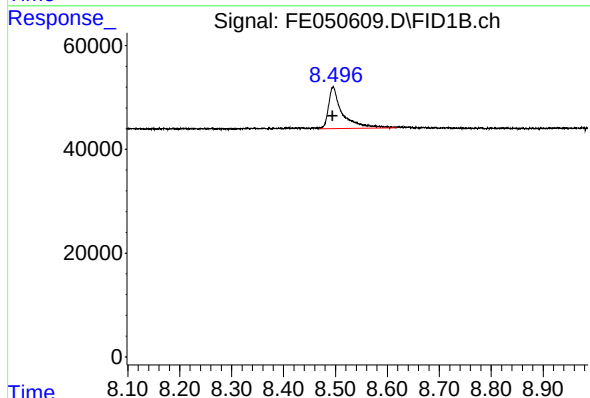
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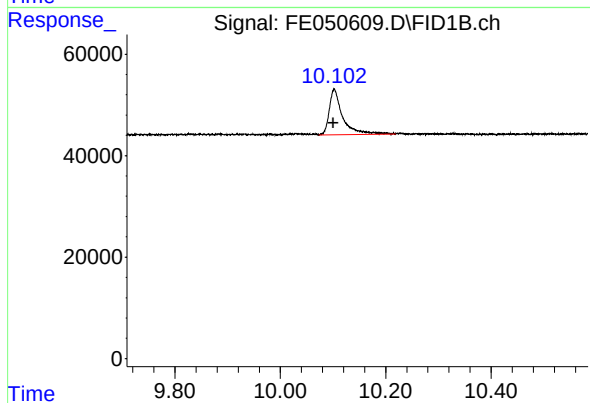
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 139187
Conc: 0.90 ug/ml m



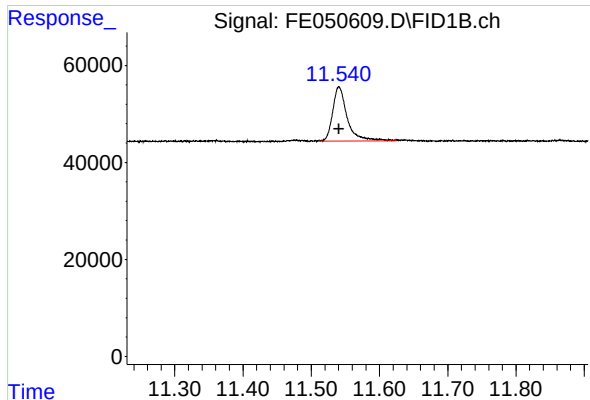
#4 N-TETRADECANE

R.T.: 8.496 min
Delta R.T.: 0.002 min
Response: 150552
Conc: 0.96 ug/ml m



#5 N-HEXADECANE

R.T.: 10.102 min
Delta R.T.: 0.002 min
Response: 160575
Conc: 1.02 ug/ml m



#6 N-OCTADECANE

R.T.: 11.540 min
Delta R.T.: 0.000 min
Response: 166787
Conc: 1.04 ug/ml

Instrument :

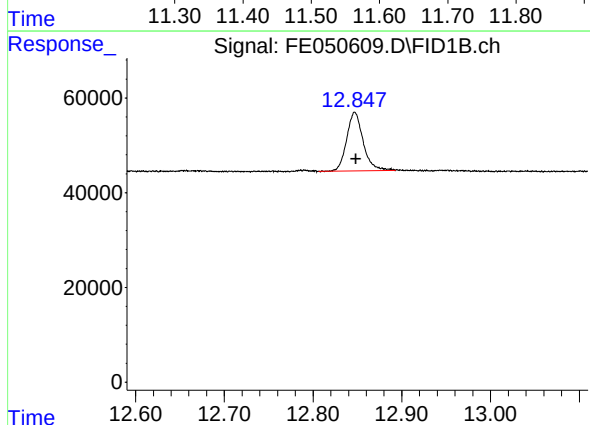
FID_E

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

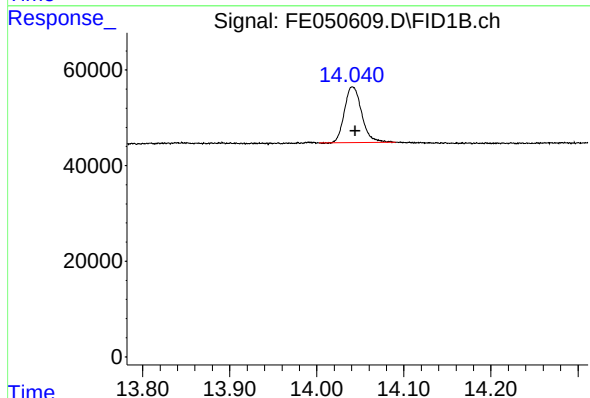
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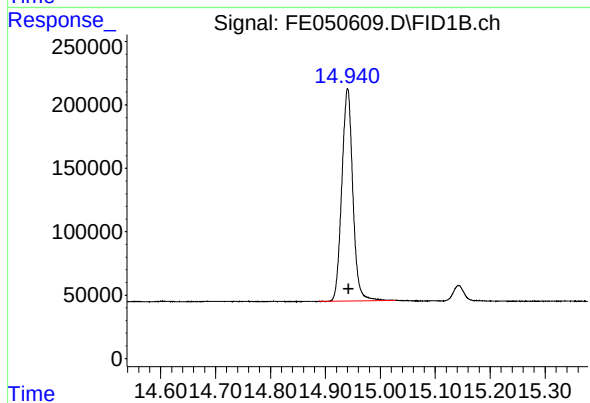
#7 N-EICOSANE

R.T.: 12.847 min
Delta R.T.: 0.000 min
Response: 159418
Conc: 0.99 ug/ml



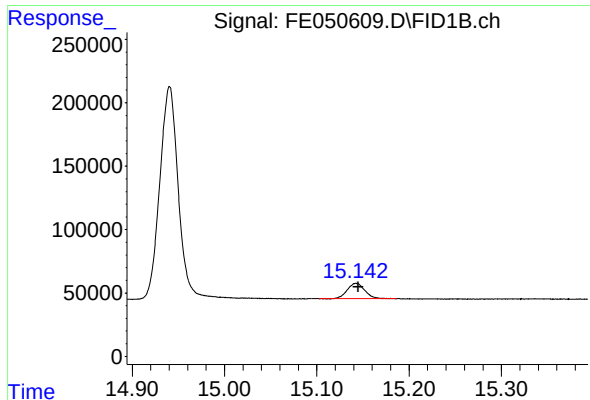
#8 N-DOCOSANE

R.T.: 14.041 min
Delta R.T.: -0.003 min
Response: 161176
Conc: 1.03 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.941 min
Delta R.T.: -0.002 min
Response: 2328156
Conc: 16.71 ug/ml



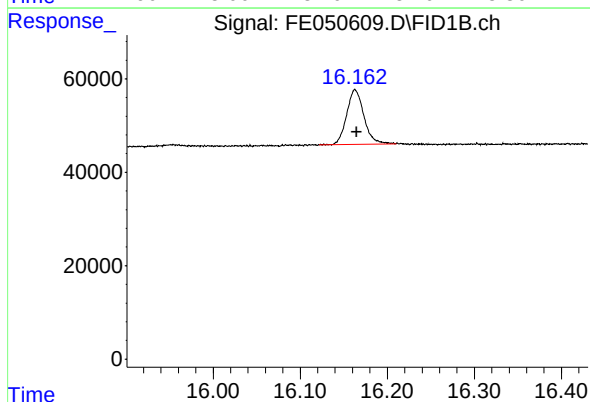
#10 N-TETRACOSANE

R.T.: 15.143 min
Delta R.T.: -0.003 min
Response: 160807
Conc: 1.02 ug/ml

Instrument :
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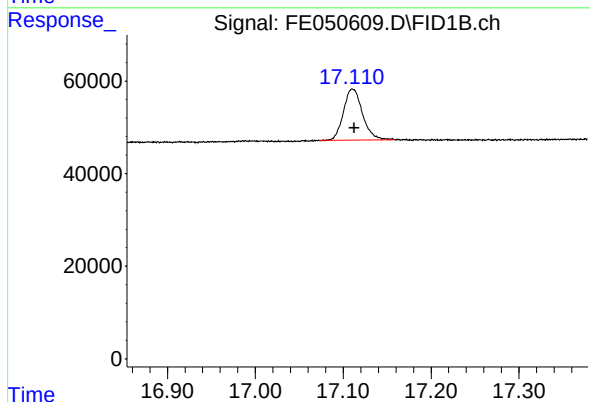
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#11 N-HEXACOSANE

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 159834
Conc: 1.01 ug/ml



#12 N-OCTACOSANE

R.T.: 17.111 min
Delta R.T.: -0.002 min
Response: 167196
Conc: 1.05 ug/ml