

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101424\  
 Data File : FE050648.D  
 Signal(s) : FID1B.ch  
 Acq On : 14 Oct 2024 20:24  
 Operator : YP\AJ  
 Sample : P4368-09  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MDL-WATER-03-QT4-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024  
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e  
 Quant Time: Oct 15 03:06:15 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 | 2390079  | 17.152 ug/ml |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.498  | 139060   | 0.899 ug/ml  |
| 3) N-DODECANE                 | 6.667  | 144738   | 0.933 ug/mlm |
| 4) N-TETRADECANE              | 8.494  | 144781   | 0.921 ug/mlm |
| 5) N-HEXADECANE               | 10.100 | 160162   | 1.019 ug/mlm |
| 6) N-OCTADECANE               | 11.540 | 155391   | 0.969 ug/ml  |
| 7) N-EICOSANE                 | 12.848 | 160592   | 0.993 ug/ml  |
| 8) N-DOCOSANE                 | 14.042 | 165706   | 1.057 ug/ml  |
| 10) N-TETRACOSANE             | 15.143 | 172686   | 1.101 ug/ml  |
| 11) N-HEXACOSANE              | 16.164 | 173083   | 1.098 ug/ml  |
| 12) N-OCTACOSANE              | 17.111 | 211490   | 1.324 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
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ALS Vial : 27 Sample Multiplier: 1

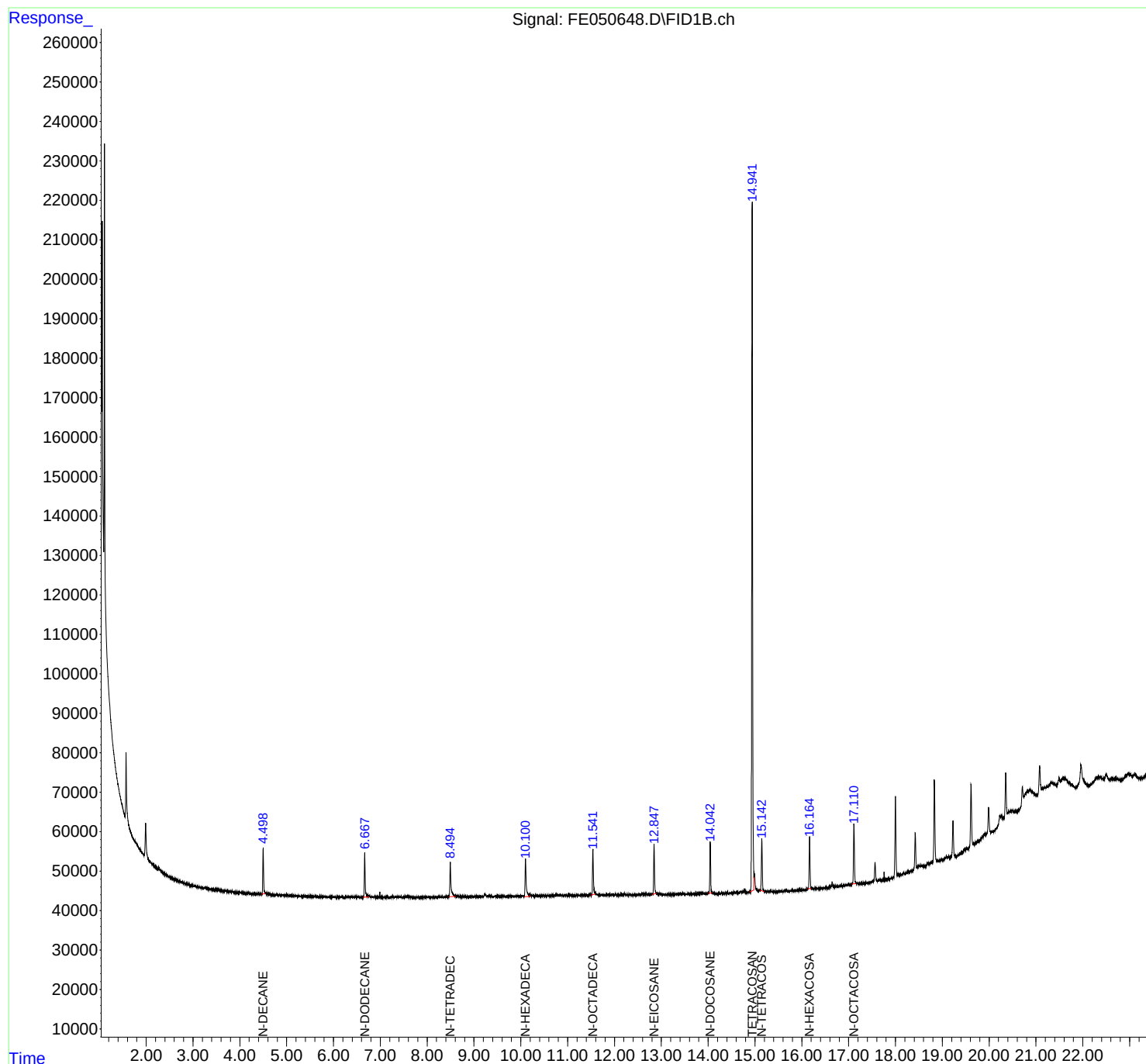
Instrument :  
FID\_E  
ClientSampleId :  
MDL-WATER-03-QT4-2024

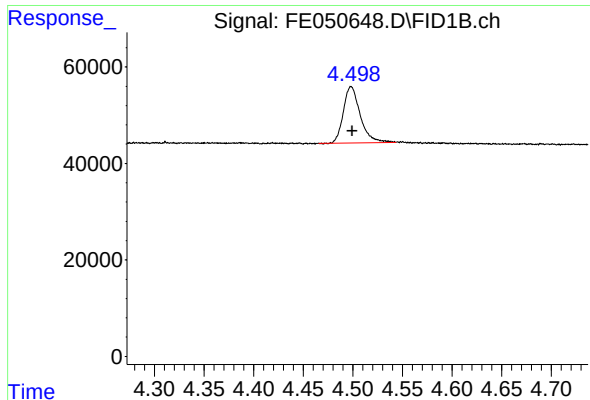
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Signal Info : 20mx0.18mmx0.18um





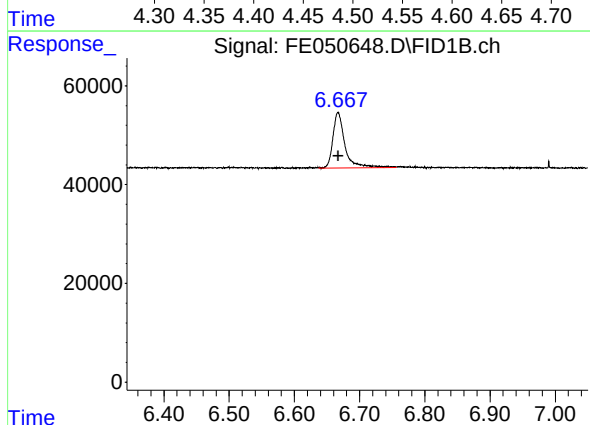
#2 N-DECANE

R.T.: 4.498 min  
Delta R.T.: -0.001 min  
Response: 139060  
Conc: 0.90 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
MDL-WATER-03-QT4-2024

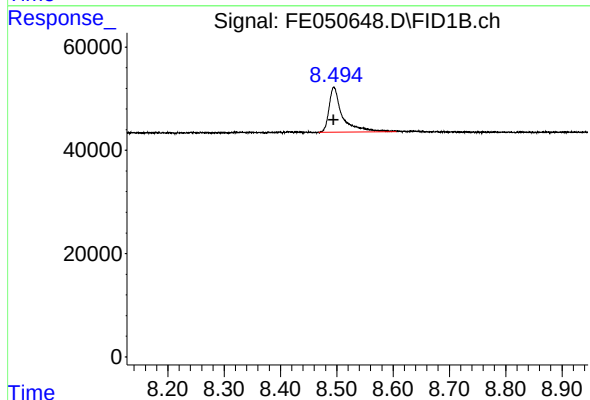
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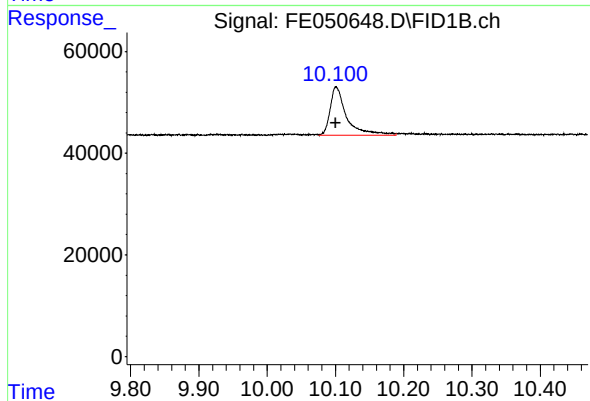
#3 N-DODECANE

R.T.: 6.667 min  
Delta R.T.: 0.000 min  
Response: 144738  
Conc: 0.93 ug/ml m



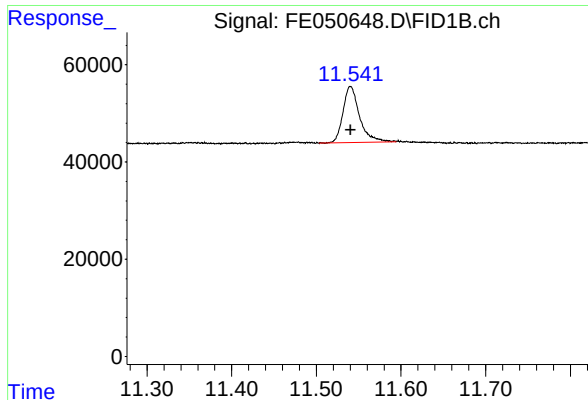
#4 N-TETRADECANE

R.T.: 8.494 min  
Delta R.T.: 0.000 min  
Response: 144781  
Conc: 0.92 ug/ml m



#5 N-HEXADECANE

R.T.: 10.100 min  
Delta R.T.: 0.000 min  
Response: 160162  
Conc: 1.02 ug/ml m



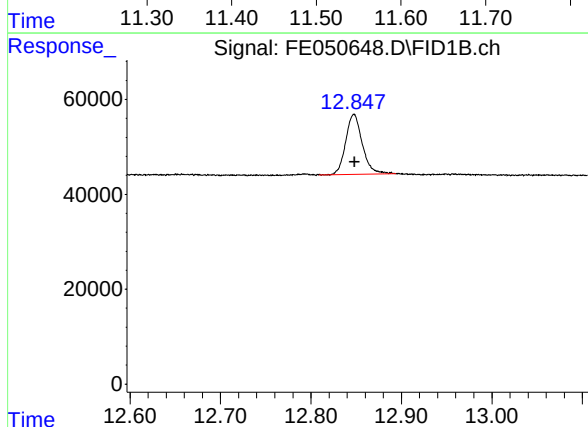
#6 N-OCTADECANE

R.T.: 11.540 min  
Delta R.T.: 0.000 min  
Response: 155391  
Conc: 0.97 ug/ml

Instrument :  
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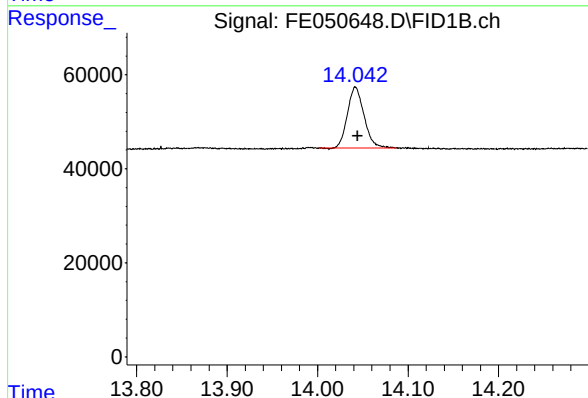
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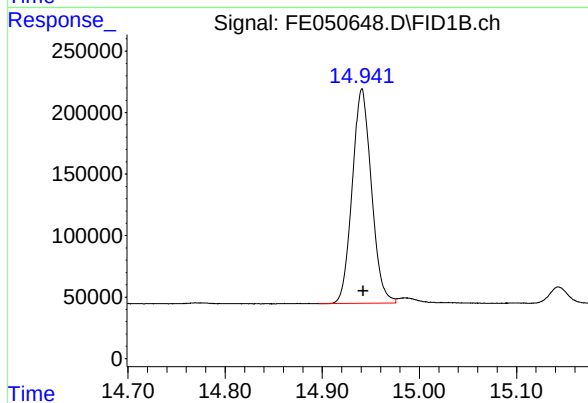
#7 N-EICOSANE

R.T.: 12.848 min  
Delta R.T.: 0.000 min  
Response: 160592  
Conc: 0.99 ug/ml



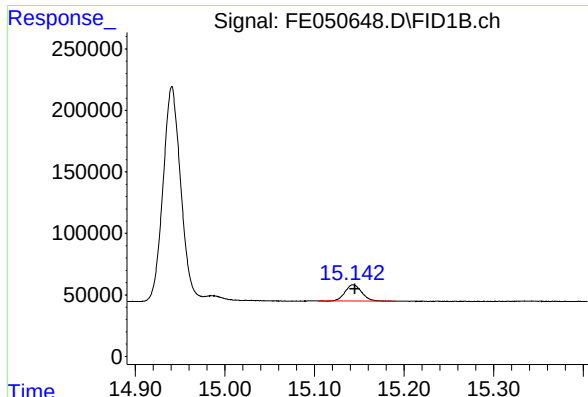
#8 N-DOCOSANE

R.T.: 14.042 min  
Delta R.T.: -0.002 min  
Response: 165706  
Conc: 1.06 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.941 min  
Delta R.T.: -0.001 min  
Response: 2390079  
Conc: 17.15 ug/ml



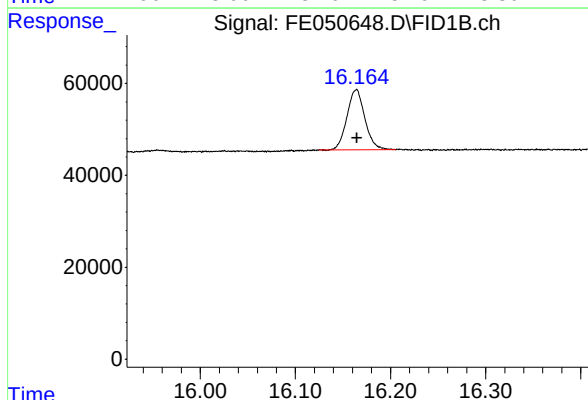
#10 N-TETRACOSANE

R.T.: 15.143 min  
Delta R.T.: -0.002 min  
Response: 172686  
Conc: 1.10 ug/ml

Instrument :  
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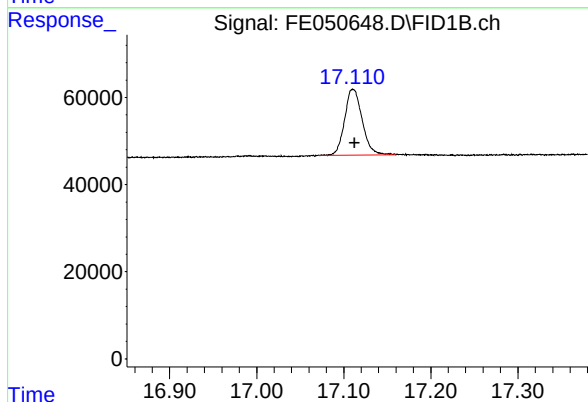
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#11 N-HEXACOSANE

R.T.: 16.164 min  
Delta R.T.: 0.000 min  
Response: 173083  
Conc: 1.10 ug/ml



#12 N-OCTACOSANE

R.T.: 17.111 min  
Delta R.T.: -0.002 min  
Response: 211490  
Conc: 1.32 ug/ml