

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012325\  
 Data File : FF015287.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jan 2025 19:57  
 Operator : YP\AJ  
 Sample : Q1168-07  
 Misc : 2.5 PPM WATER LOD  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

Integration File: autoint1.e  
 Quant Time: Jan 24 05:03:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF011425.M  
 Quant Title :  
 QLast Update : Tue Jan 14 11:12:55 2025  
 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... | 15.020 | 2053588  | 15.683 ug/ml |
| Target Compounds              |        |          |              |
| 2) N-DECANE                   | 4.568  | 332113   | 2.492 ug/ml  |
| 3) N-DODECANE                 | 6.733  | 324550   | 2.373 ug/ml  |
| 4) N-TETRADECANE              | 8.559  | 309232   | 2.368 ug/ml  |
| 5) N-HEXADECANE               | 10.166 | 300634   | 2.239 ug/ml  |
| 6) N-OCTADECANE               | 11.608 | 305890   | 2.084 ug/ml  |
| 7) N-EICOSANE                 | 12.918 | 308697   | 2.111 ug/ml  |
| 8) N-DOCOSANE                 | 14.118 | 300357   | 2.074 ug/ml  |
| 10) N-TETRACOSANE             | 15.222 | 299747   | 2.070 ug/ml  |
| 11) N-HEXACOSANE              | 16.245 | 290134   | 2.059 ug/ml  |
| 12) N-OCTACOSANE              | 17.196 | 284929   | 2.079 ug/ml  |
| -----                         |        |          |              |

(f)=RT Delta > 1/2 Window

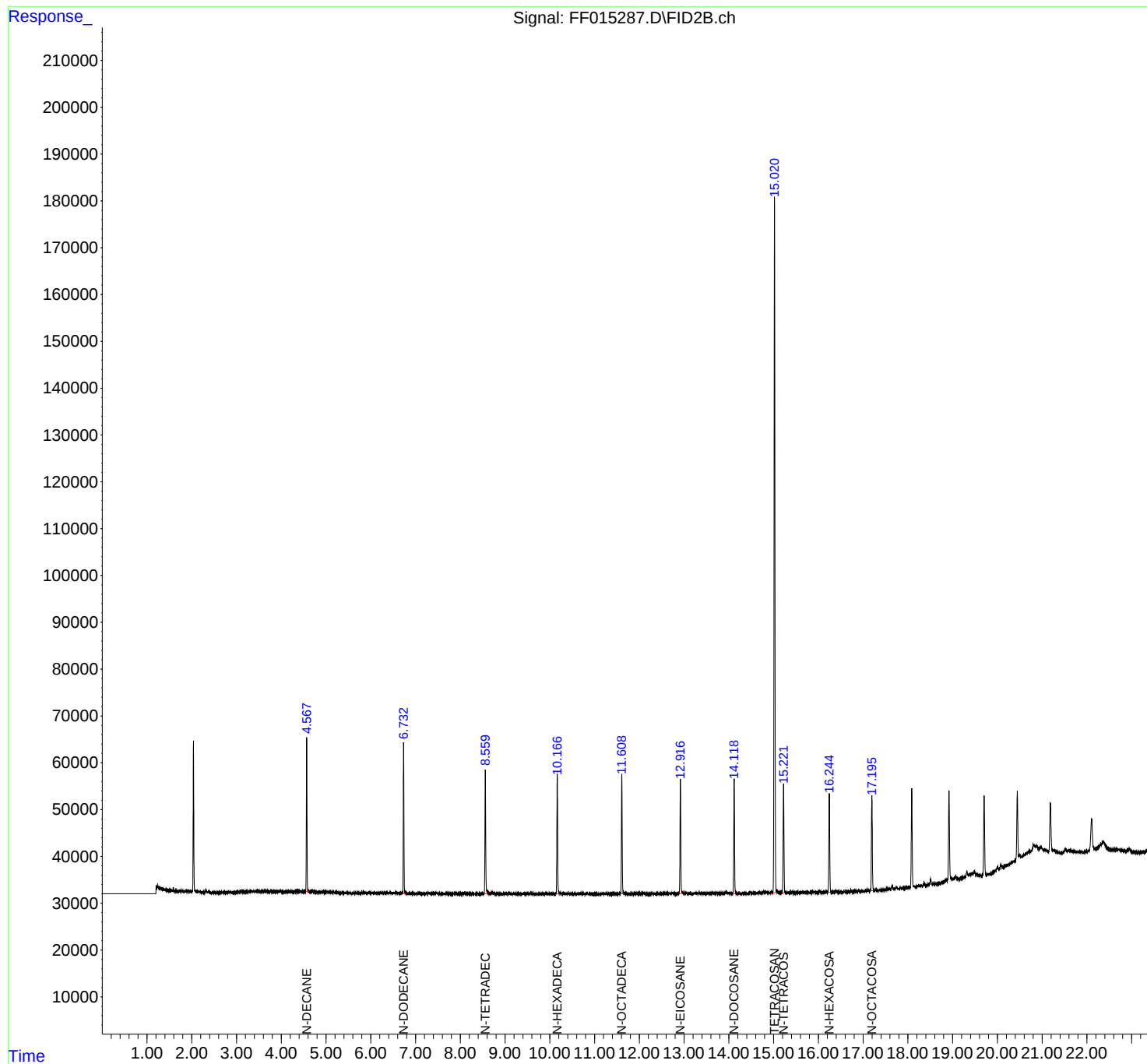
(m)=manual int.

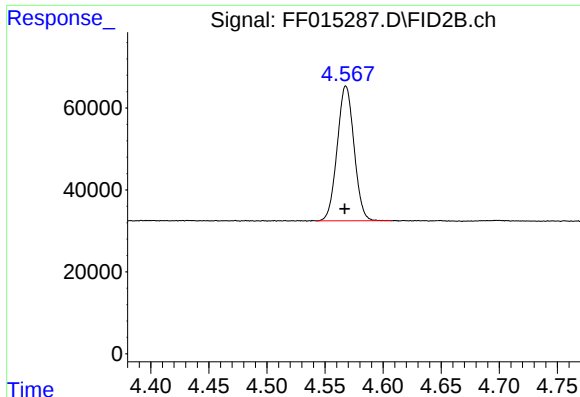
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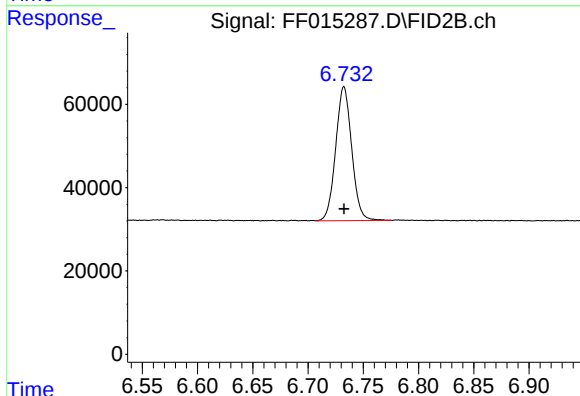




#2 N-DECANE

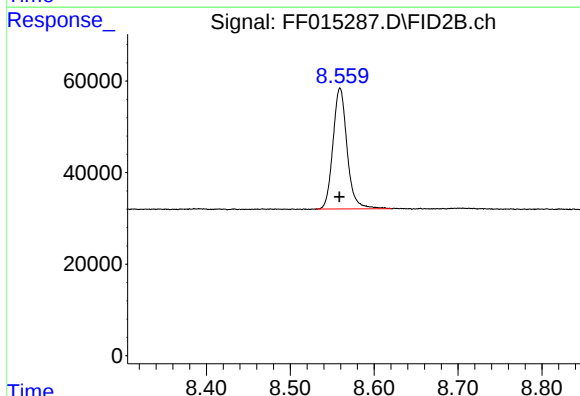
R.T.: 4.568 min  
Delta R.T.: 0.001 min  
Response: 332113  
Conc: 2.49 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



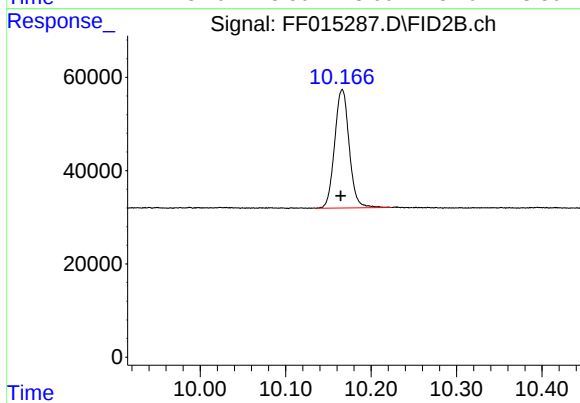
#3 N-DODECANE

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 324550  
Conc: 2.37 ug/ml



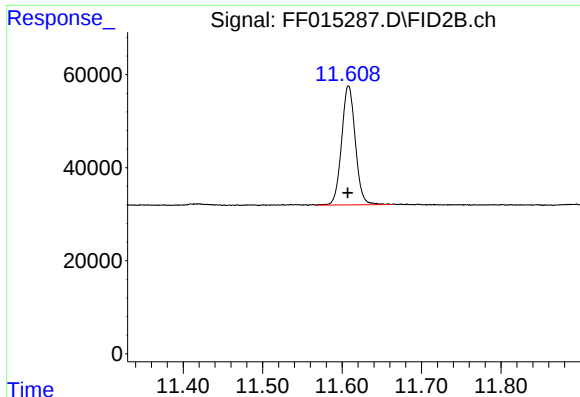
#4 N-TETRADECANE

R.T.: 8.559 min  
Delta R.T.: 0.000 min  
Response: 309232  
Conc: 2.37 ug/ml



#5 N-HEXADECANE

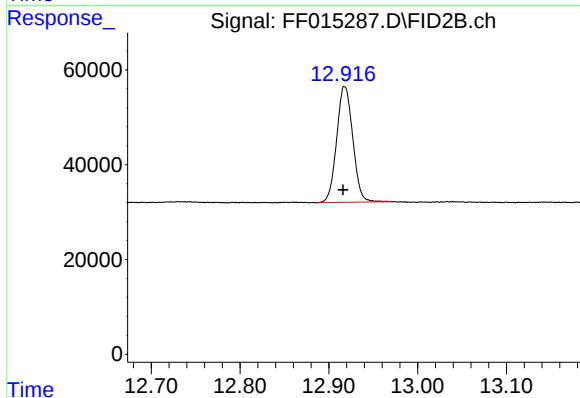
R.T.: 10.166 min  
Delta R.T.: 0.002 min  
Response: 300634  
Conc: 2.24 ug/ml



#6 N-OCTADECANE

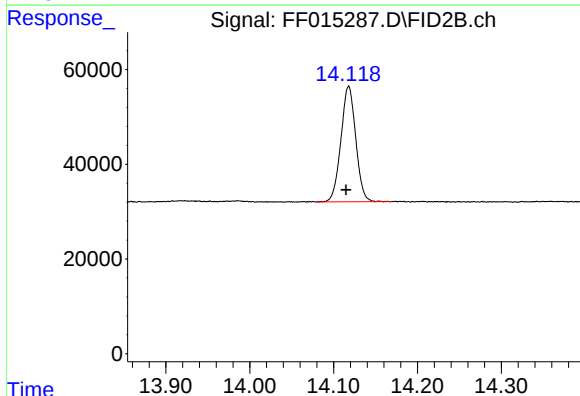
R.T.: 11.608 min  
Delta R.T.: 0.001 min  
Response: 305890  
Conc: 2.08 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



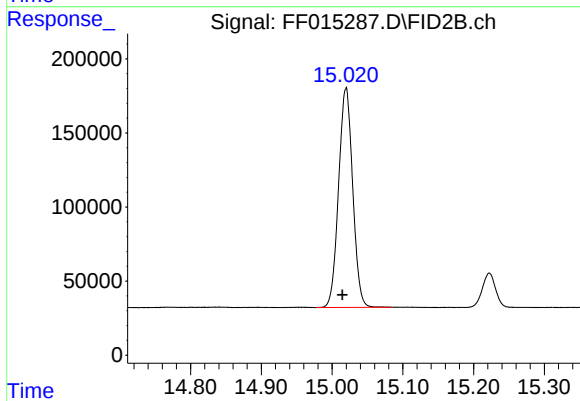
#7 N-EICOSANE

R.T.: 12.918 min  
Delta R.T.: 0.002 min  
Response: 308697  
Conc: 2.11 ug/ml



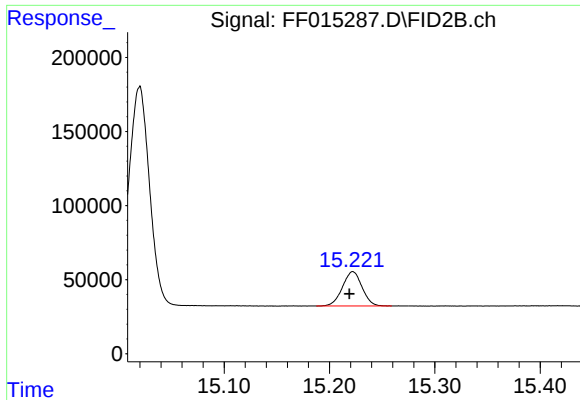
#8 N-DOCOSANE

R.T.: 14.118 min  
Delta R.T.: 0.003 min  
Response: 300357  
Conc: 2.07 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

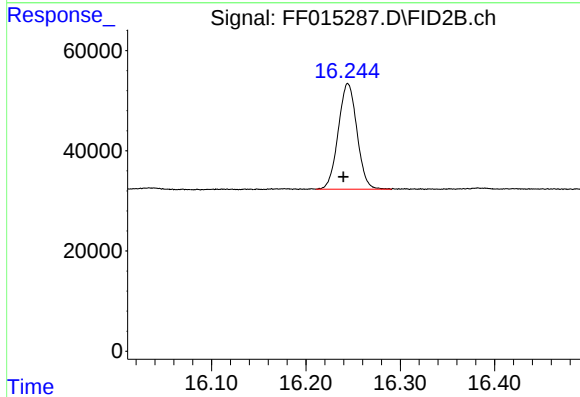
R.T.: 15.020 min  
Delta R.T.: 0.005 min  
Response: 2053588  
Conc: 15.68 ug/ml



#10 N-TETRACOSANE

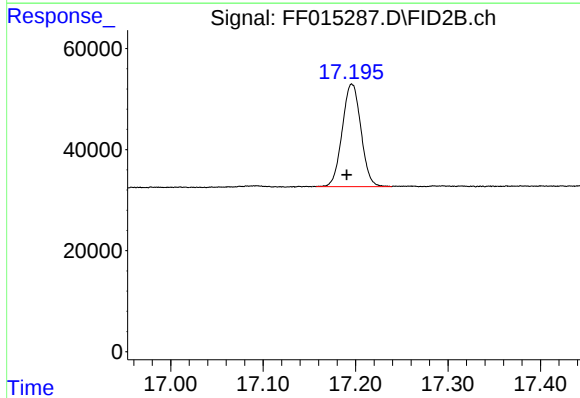
R.T.: 15.222 min  
Delta R.T.: 0.003 min  
Response: 299747  
Conc: 2.07 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025



#11 N-HEXACOSANE

R.T.: 16.245 min  
Delta R.T.: 0.005 min  
Response: 290134  
Conc: 2.06 ug/ml



#12 N-OCTACOSANE

R.T.: 17.196 min  
Delta R.T.: 0.006 min  
Response: 284929  
Conc: 2.08 ug/ml