

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF061625AR\  
 Data File : FF015997.D  
 Signal(s) : FID2B.ch  
 Acq On : 16 Jun 2025 13:29  
 Operator : YP\AJ  
 Sample : Q2126-07  
 Misc : 2.5 PPM WATER LOD  
 ALS Vial : 76 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e  
 Quant Time: Jun 17 02:45:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 061325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 16 04:40:28 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units   |
|------------------------------------|--------|------------|--------------|
| -----                              |        |            |              |
| System Monitoring Compounds        |        |            |              |
| 4) S 2-Bromonaphthalene (S...      | 8.060  | 6789822    | 59.795 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 119.59%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.935  | 4648484    | 59.717 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 119.43%      |
| 11) S ortho-Terphenyl (SURR)       | 12.002 | 6893666    | 52.110 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 104.22%      |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.655  | 307803     | 2.486 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.329  | 356326     | 2.723 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.427  | 330043     | 2.491 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.732  | 376744     | 2.855 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 9.031  | 375535     | 2.876 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.819  | 379336     | 2.916 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.224 | 367305     | 2.832 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.298 | 369466     | 2.861 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 13.045 | 353472     | 2.705 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.343 | 388304     | 2.995 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.222 | 344786     | 2.735 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.264 | 321612     | 2.520 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.779 | 362007     | 2.890 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.810 | 371478     | 3.135 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.159 | 350921     | 2.872 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.528 | 350231     | 3.140 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.571 | 397379     | 3.413 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.783 | 337928     | 2.903 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

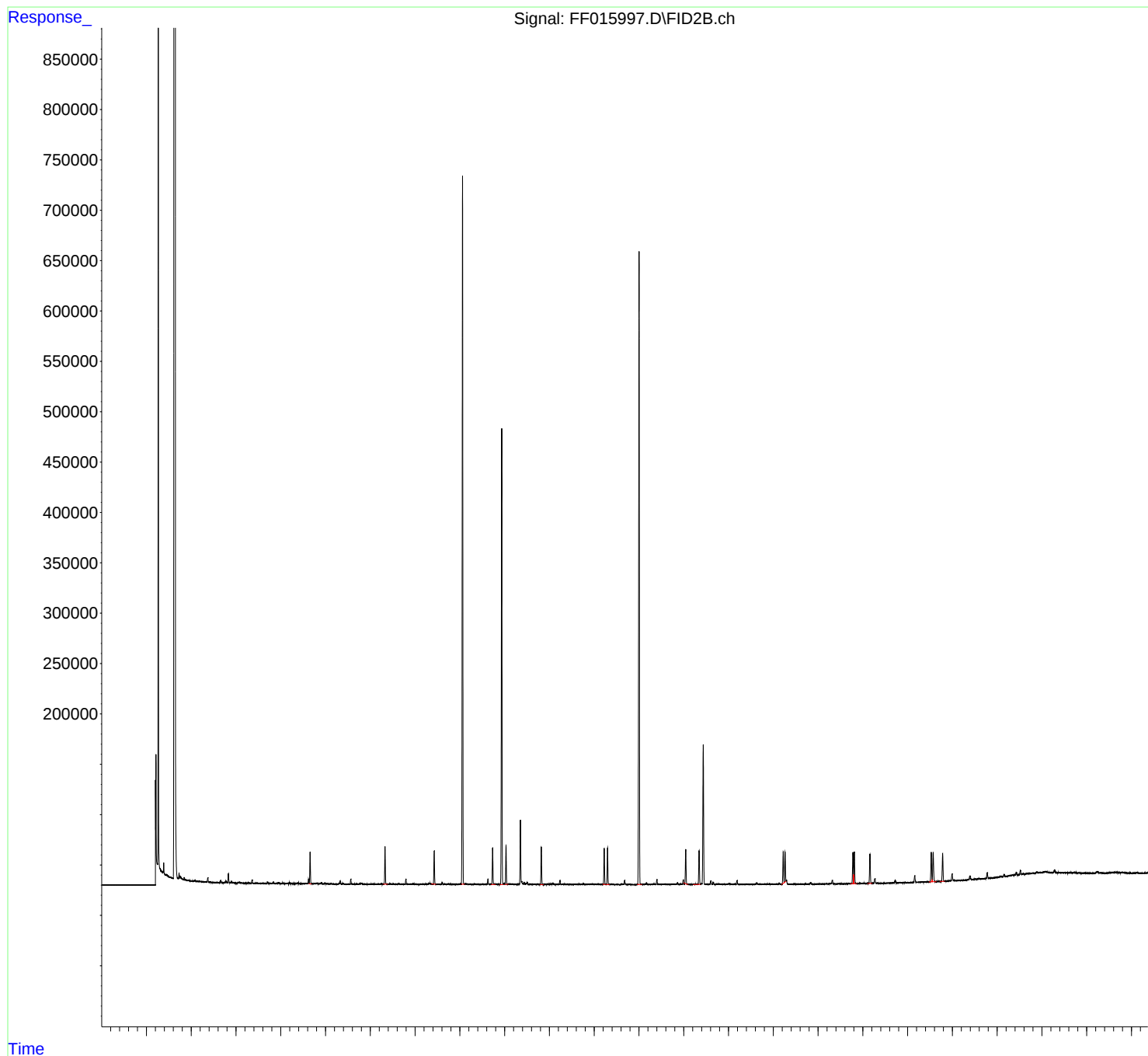
(m)=manual int.

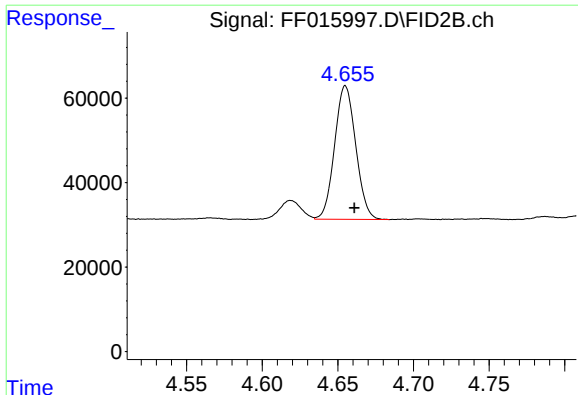
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF061625AR\  
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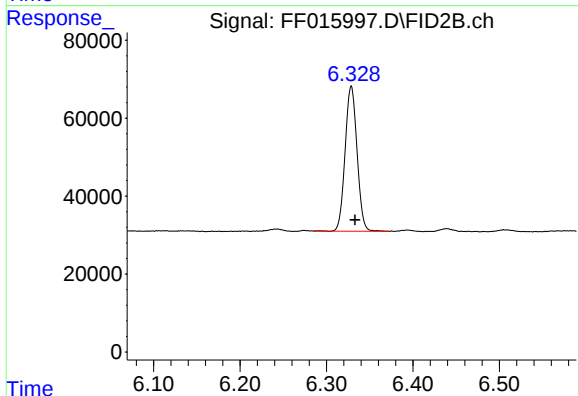




#1 1,2,3-Trimethylbenzene (C10.1)

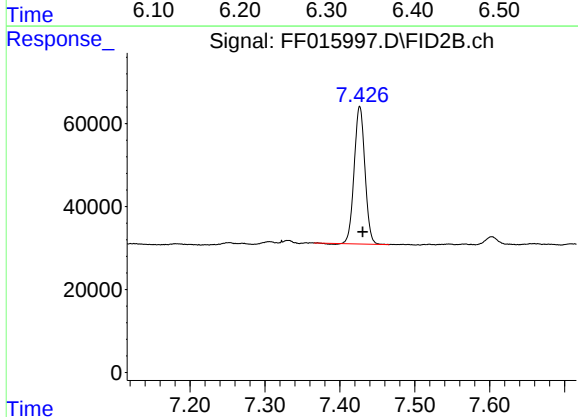
R.T.: 4.655 min  
Delta R.T.: -0.006 min  
Response: 307803  
Conc: 2.49 ug/ml

Instrument :  
FID\_F  
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LOD-MDL-WATER-01-QT2-2025



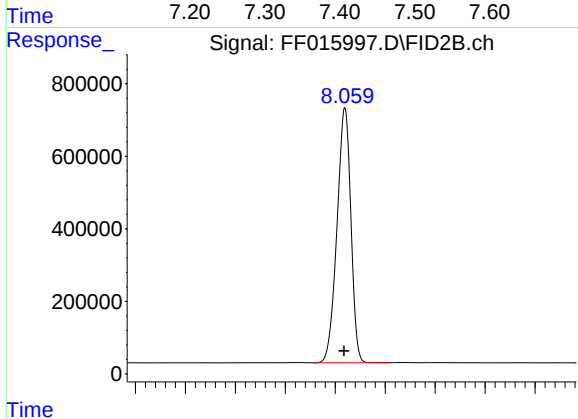
#2 Naphthalene (C11.7)

R.T.: 6.329 min  
Delta R.T.: -0.004 min  
Response: 356326  
Conc: 2.72 ug/ml



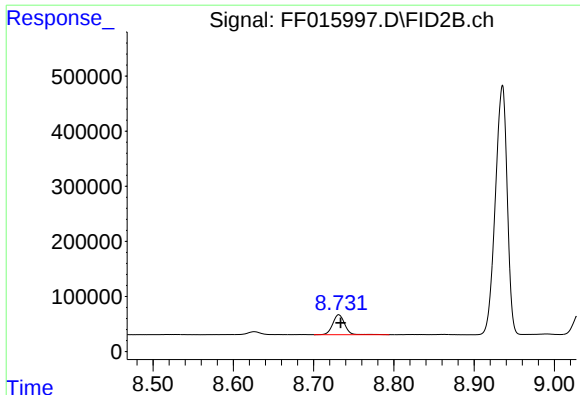
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.427 min  
Delta R.T.: -0.004 min  
Response: 330043  
Conc: 2.49 ug/ml



#4 2-Bromonaphthalene (SURR)

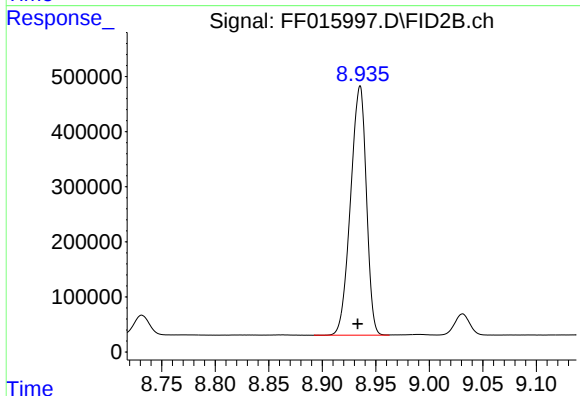
R.T.: 8.060 min  
Delta R.T.: 0.000 min  
Response: 6789822  
Conc: 59.79 ug/ml



# #5 Acenaphthylene (C15.06)

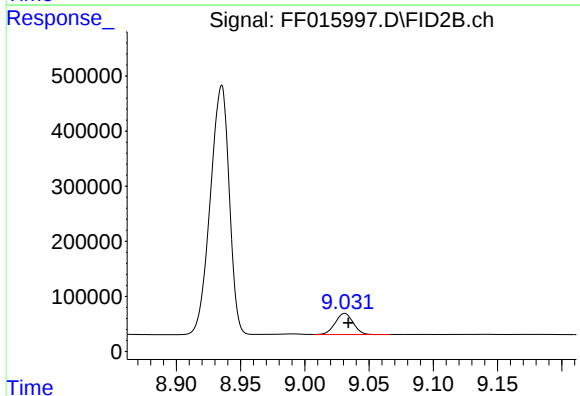
R.T.: 8.732 min  
Delta R.T.: -0.002 min  
Response: 376744  
Conc: 2.85 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025



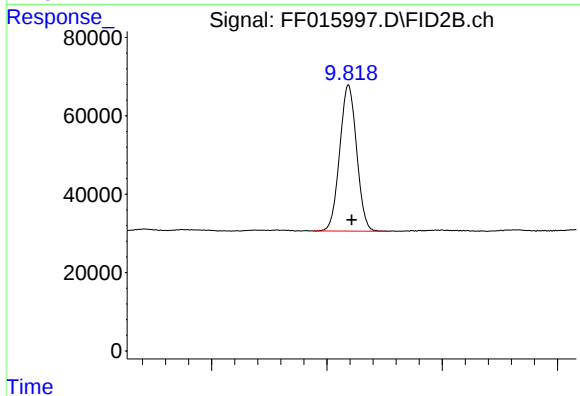
# #6 2-Fluorobiphenyl (SURR)

R.T.: 8.935 min  
Delta R.T.: 0.002 min  
Response: 4648484  
Conc: 59.72 ug/ml



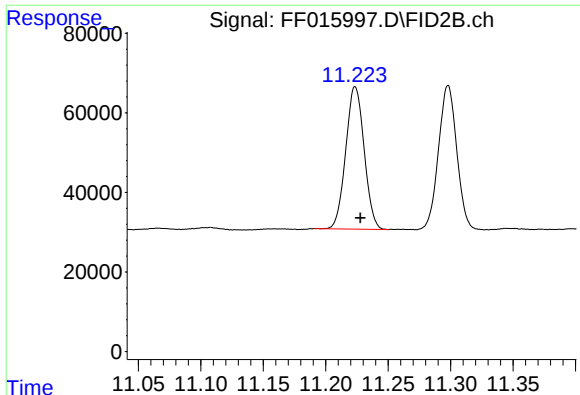
# #7 Acenaphthene (C15.5)

R.T.: 9.031 min  
Delta R.T.: -0.003 min  
Response: 375535  
Conc: 2.88 ug/ml



# #8 Fluorene (C16.55)

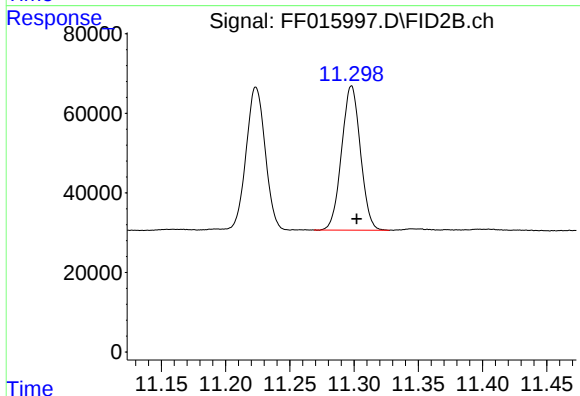
R.T.: 9.819 min  
Delta R.T.: -0.003 min  
Response: 379336  
Conc: 2.92 ug/ml



#9 Phenanthrene (C19.36)

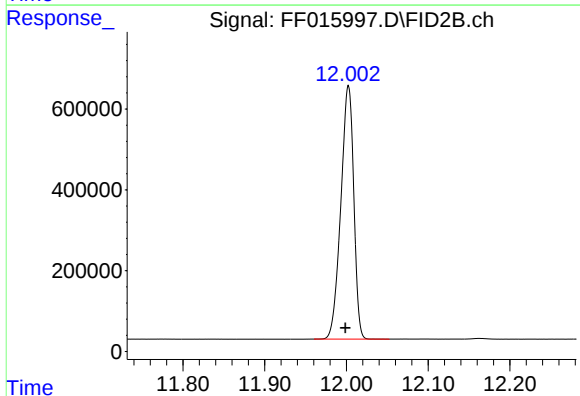
R.T.: 11.224 min  
Delta R.T.: -0.004 min  
Response: 367305  
Conc: 2.83 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025



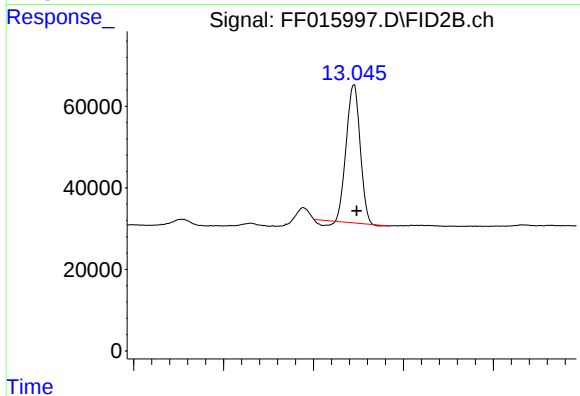
#10 Anthracene (C19.43)

R.T.: 11.298 min  
Delta R.T.: -0.004 min  
Response: 369466  
Conc: 2.86 ug/ml



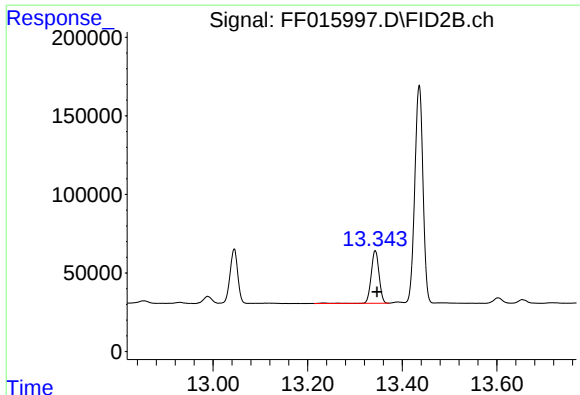
#11 ortho-Terphenyl (SURR)

R.T.: 12.002 min  
Delta R.T.: 0.004 min  
Response: 6893666  
Conc: 52.11 ug/ml



#12 Fluoranthene (C21.85)

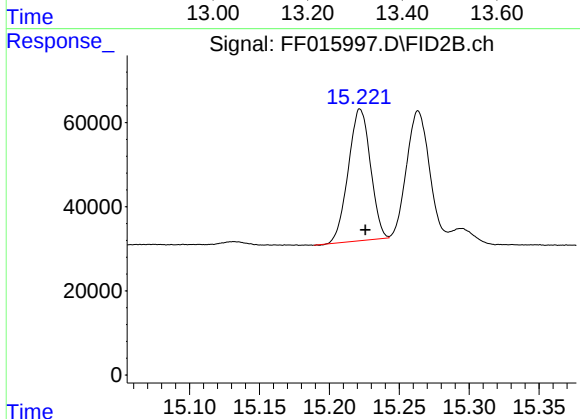
R.T.: 13.045 min  
Delta R.T.: -0.003 min  
Response: 353472  
Conc: 2.71 ug/ml



#13 Pyrene (C20.8)

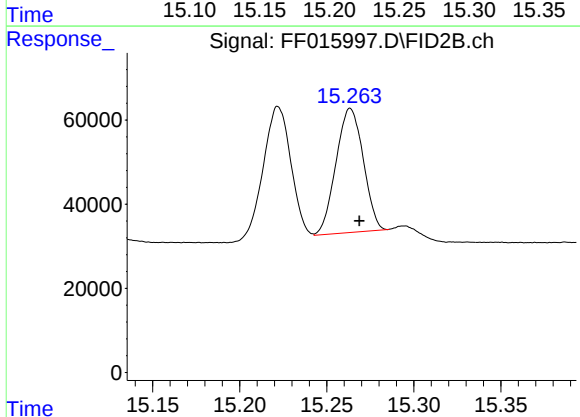
R.T.: 13.343 min  
Delta R.T.: -0.004 min  
Response: 388304  
Conc: 3.00 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025



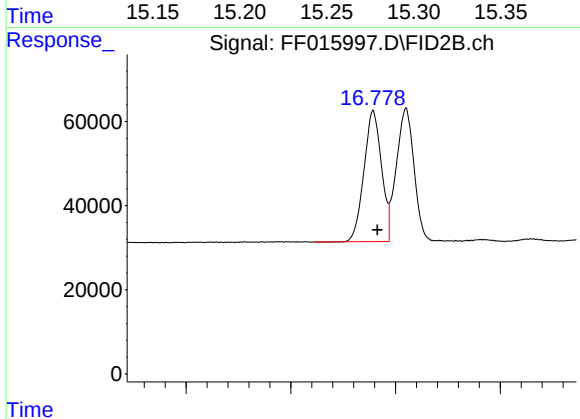
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.222 min  
Delta R.T.: -0.004 min  
Response: 344786  
Conc: 2.73 ug/ml



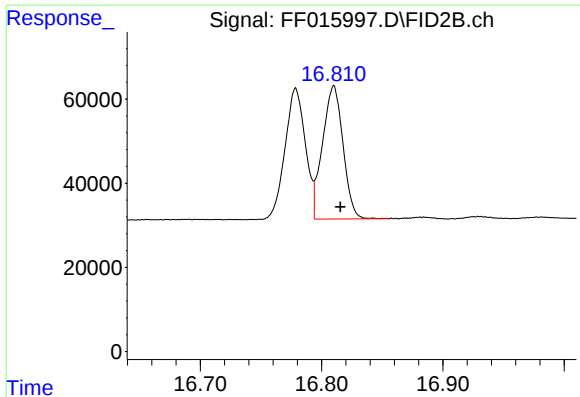
#15 Chrysene (C27.41)

R.T.: 15.264 min  
Delta R.T.: -0.005 min  
Response: 321612  
Conc: 2.52 ug/ml



#16 benzo[b]fluoranthene (C30.41)

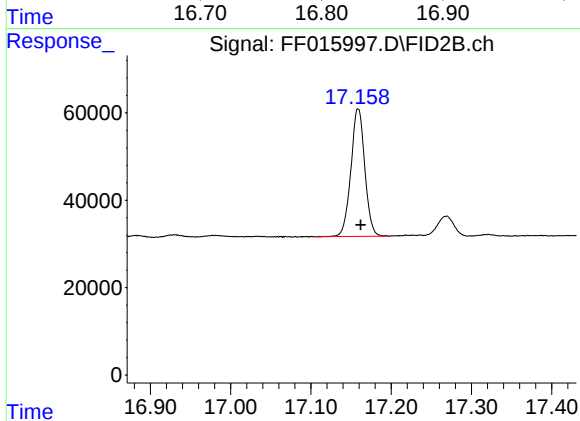
R.T.: 16.779 min  
Delta R.T.: -0.004 min  
Response: 362007  
Conc: 2.89 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

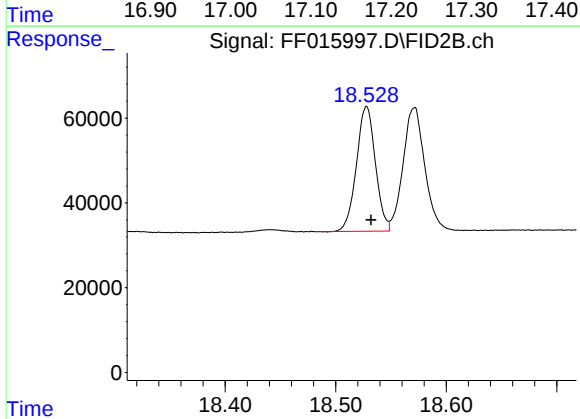
R.T.: 16.810 min  
Delta R.T.: -0.006 min  
Response: 371478  
Conc: 3.14 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025



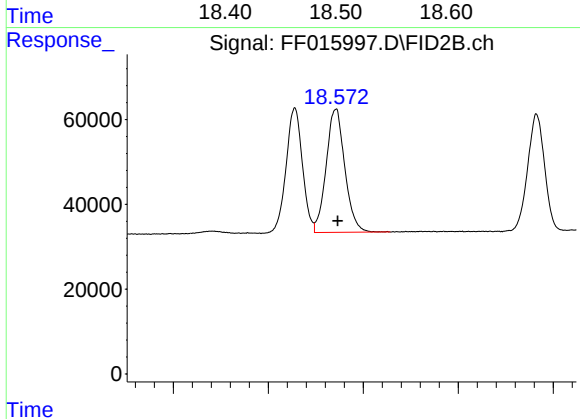
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.159 min  
Delta R.T.: -0.003 min  
Response: 350921  
Conc: 2.87 ug/ml



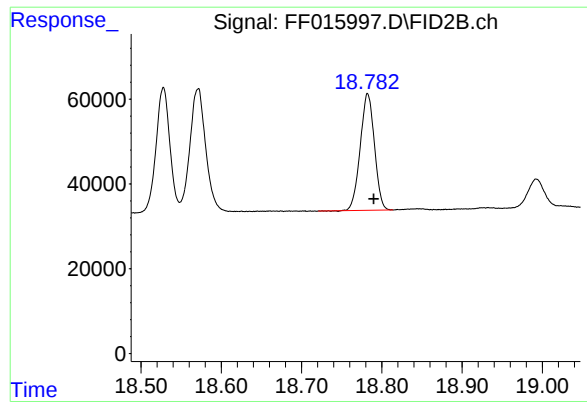
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min  
Delta R.T.: -0.004 min  
Response: 350231  
Conc: 3.14 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.571 min  
Delta R.T.: -0.002 min  
Response: 397379  
Conc: 3.41 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.783 min  
Delta R.T.: -0.007 min  
Response: 337928  
Conc: 2.90 ug/ml

Instrument :  
FID\_F  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025