

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082124AR\  
 Data File : FF014456.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Aug 2024 12:43  
 Operator : YP\AJ  
 Sample : P3390-08  
 Misc : 5 PPM WATER LOD  
 ALS Vial : 68 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 LOQ-WATER-02-QT3-2024

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024  
 Supervised By :Ankita Jodhani 08/22/2024

Integration File: autoint1.e  
 Quant Time: Aug 22 03:09:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 082024.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 20 15:55:53 2024  
 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...      | 7.873  | 5255920    | 46.940 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 93.88%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.744  | 3007802    | 44.927 ug/mlm |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 89.85%        |
| 11) S ortho-Terphenyl (SURR)       | 11.807 | 5836700    | 40.512 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 81.02%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.486  | 425478     | 3.193 ug/ml   |
| 2) T Naphthalene (C11.7)           | 6.155  | 448630     | 3.370 ug/ml   |
| 3) T 2-Methylnaphthalene (...)     | 7.249  | 454836     | 3.407 ug/mlm  |
| 5) T Acenaphthylene (C15.06)       | 8.545  | 491203     | 3.667 ug/ml   |
| 7) T Acenaphthene (C15.5)          | 8.842  | 740318     | 5.188 ug/mlm  |
| 8) T Flouorene (C16.55)            | 9.637  | 444128     | 3.425 ug/ml   |
| 9) T Phenanthrene (C19.36)         | 11.039 | 416502     | 3.269 ug/ml   |
| 10) T Anthracene (C19.43)          | 11.116 | 547903     | 4.106 ug/mlm  |
| 12) T Fluoranthene (C21.85)        | 12.856 | 503669     | 3.666 ug/ml   |
| 13) T Pyrene (C20.8)               | 13.152 | 504869     | 3.645 ug/ml   |
| 14) T Benzo[a]anthracene (C...     | 15.041 | 270711     | 2.407 ug/mlm  |
| 15) T Chrysene (C27.41)            | 15.078 | 719289     | 4.604 ug/mlm  |
| 16) T benzo[b]fluoranthene ...     | 16.597 | 296729     | 2.522 ug/ml   |
| 17) T Bnezo[k]fluoranthene ...     | 16.628 | 662708     | 4.568 ug/mlm  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.985 | 374022     | 2.961 ug/mlm  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.368 | 219196     | 2.622 ug/mlm  |
| 20) T Dibenz[a,h]anthracene...     | 18.425 | 347306     | 2.514 ug/mlm  |
| 21) T Benzo[g,h,i]perylene ...     | 18.600 | 348937     | 2.844 ug/mlm  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 68 Sample Multiplier: 1

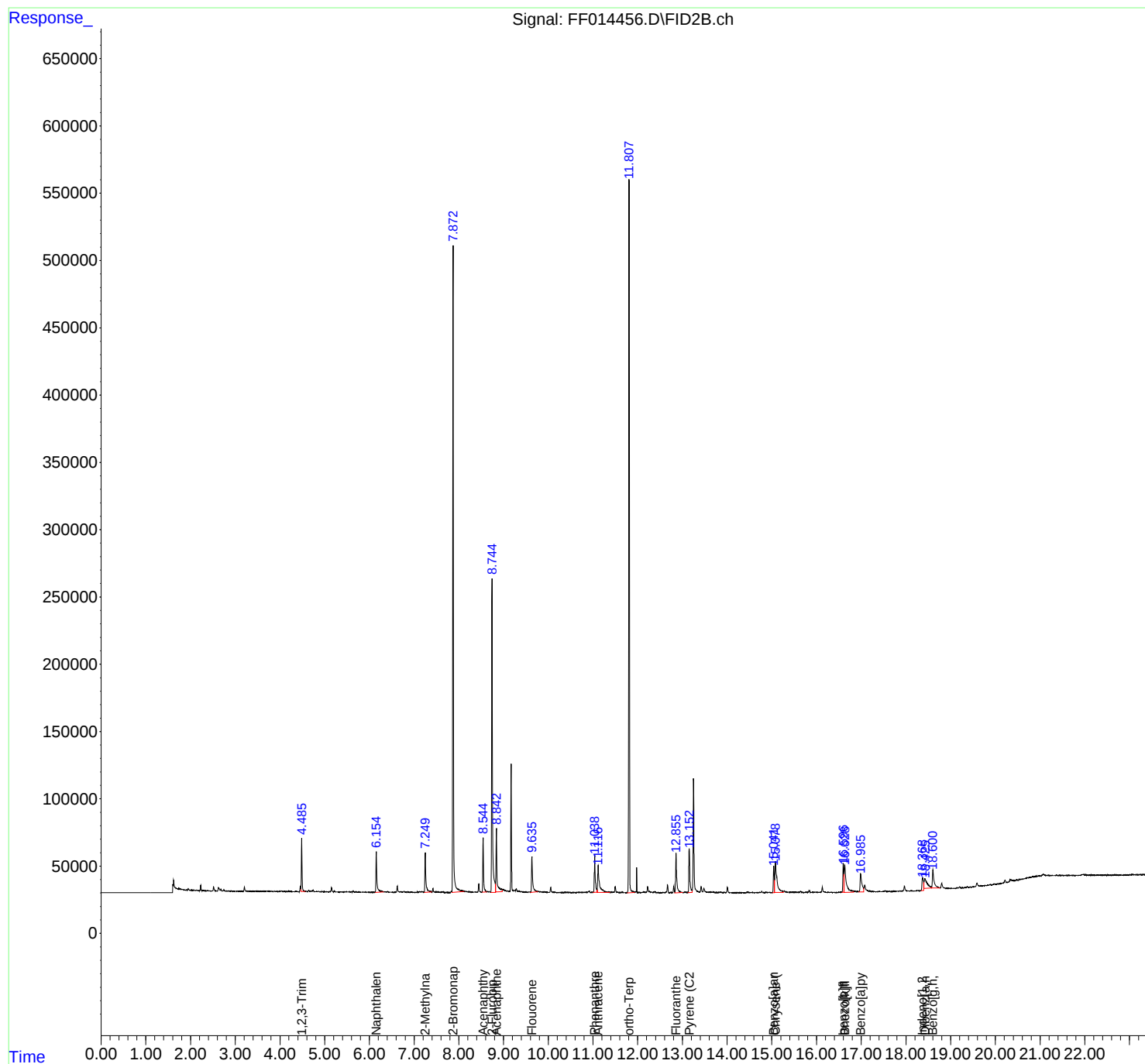
Instrument :  
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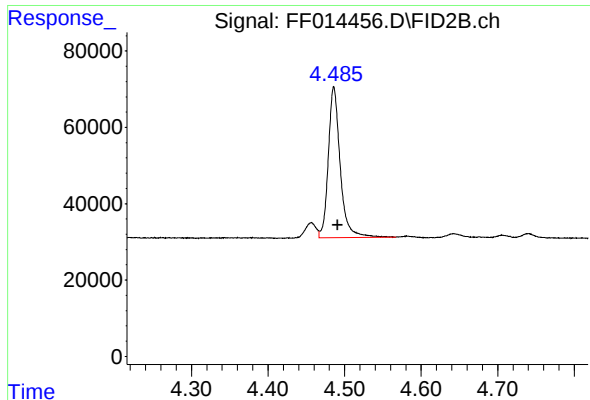
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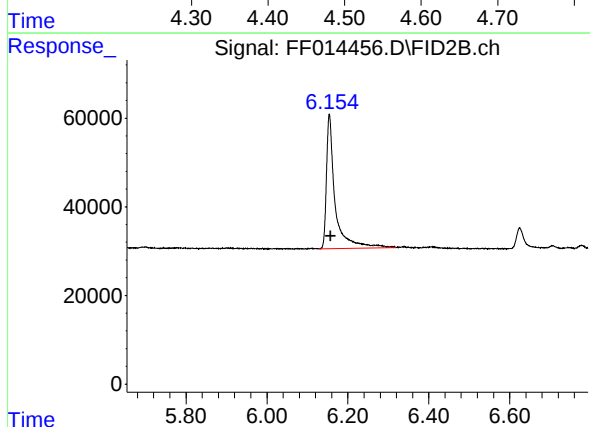
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.486 min  
Delta R.T.: -0.005 min  
Response: 425478  
Conc: 3.19 ug/ml

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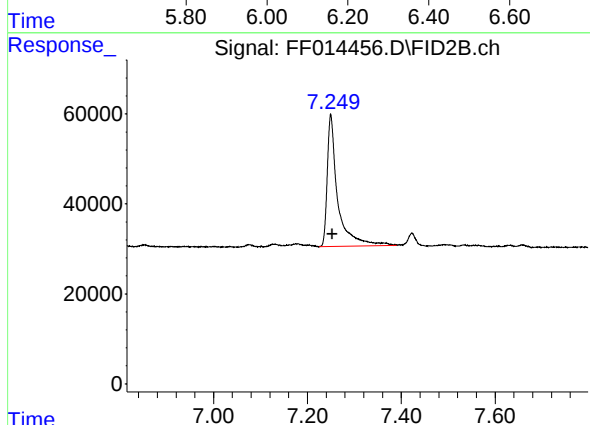
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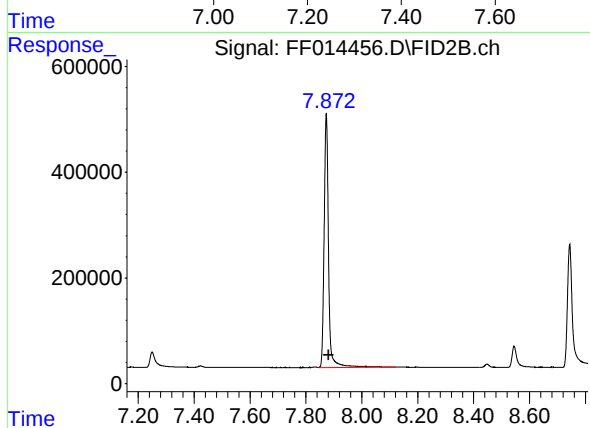
#2 Naphthalene (C11.7)

R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 448630  
Conc: 3.37 ug/ml



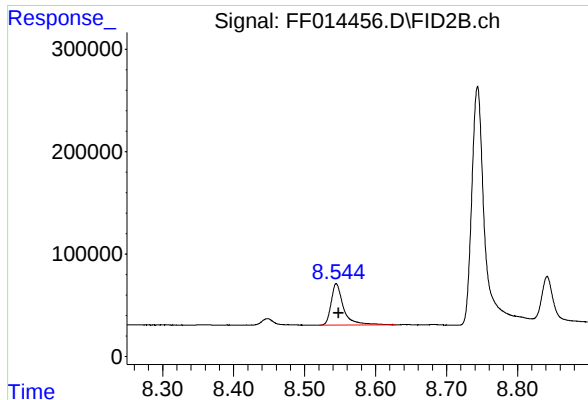
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.249 min  
Delta R.T.: -0.003 min  
Response: 454836  
Conc: 3.41 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.873 min  
Delta R.T.: -0.009 min  
Response: 5255920  
Conc: 46.94 ug/ml



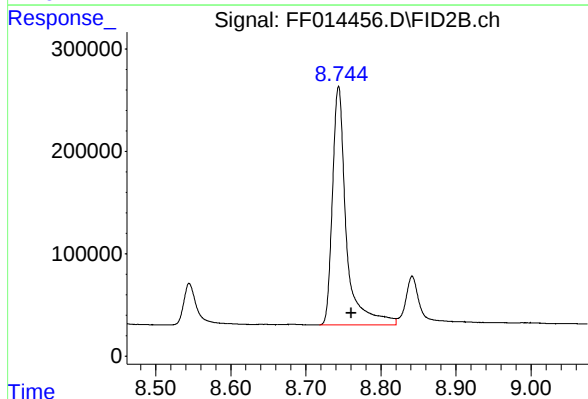
#5 Acenaphthylene (C15.06)

R.T.: 8.545 min  
Delta R.T.: -0.003 min  
Response: 491203  
Conc: 3.67 ug/ml

Instrument :  
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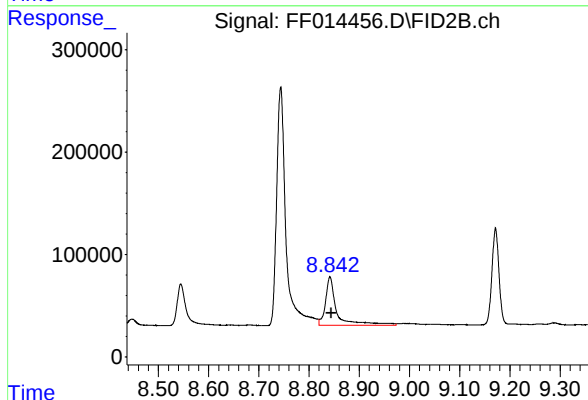
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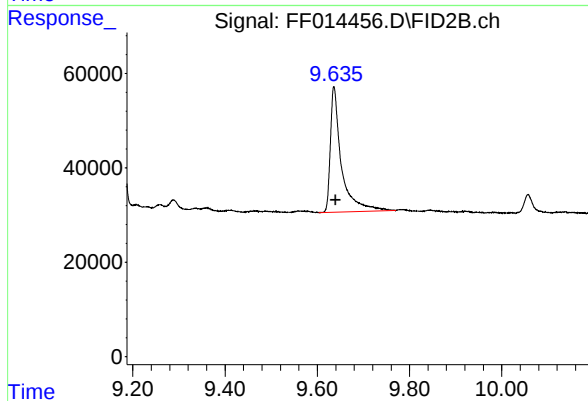
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.744 min  
Delta R.T.: -0.017 min  
Response: 3007802  
Conc: 44.93 ug/ml m



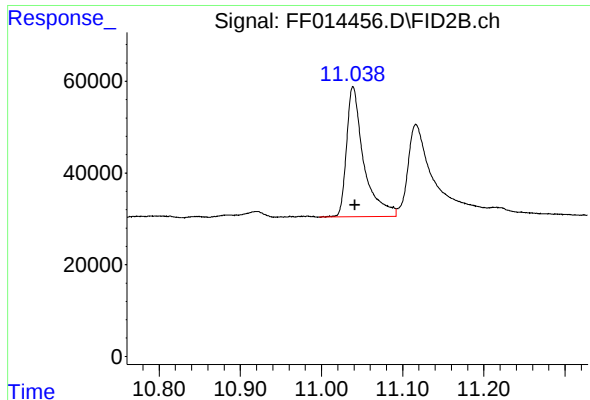
#7 Acenaphthene (C15.5)

R.T.: 8.842 min  
Delta R.T.: -0.003 min  
Response: 740318  
Conc: 5.19 ug/ml m



#8 Fluorene (C16.55)

R.T.: 9.637 min  
Delta R.T.: -0.003 min  
Response: 444128  
Conc: 3.43 ug/ml



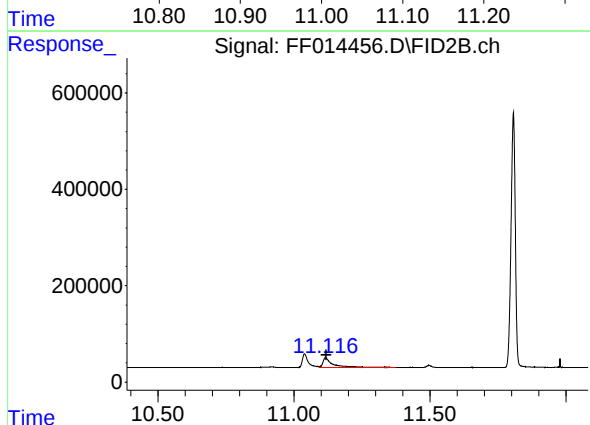
#9 Phenanthrene (C19.36)

R.T.: 11.039 min  
Delta R.T.: -0.002 min  
Response: 416502  
Conc: 3.27 ug/ml

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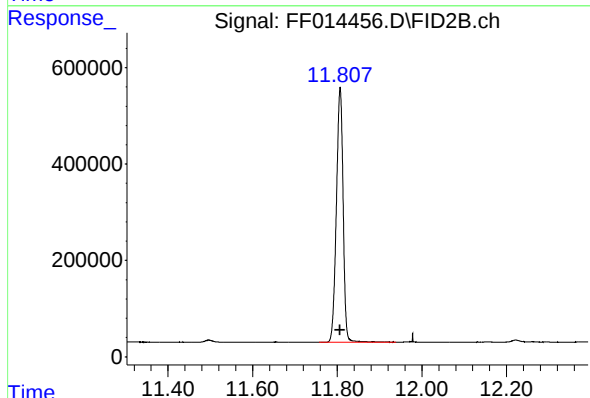
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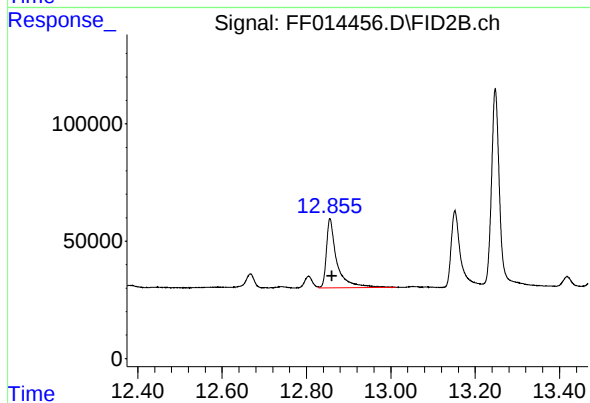
#10 Anthracene (C19.43)

R.T.: 11.116 min  
Delta R.T.: -0.004 min  
Response: 547903  
Conc: 4.11 ug/ml m



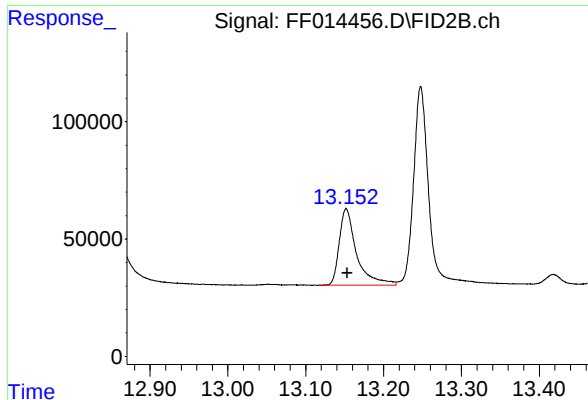
#11 ortho-Terphenyl (SURR)

R.T.: 11.807 min  
Delta R.T.: 0.000 min  
Response: 5836700  
Conc: 40.51 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.856 min  
Delta R.T.: -0.004 min  
Response: 503669  
Conc: 3.67 ug/ml



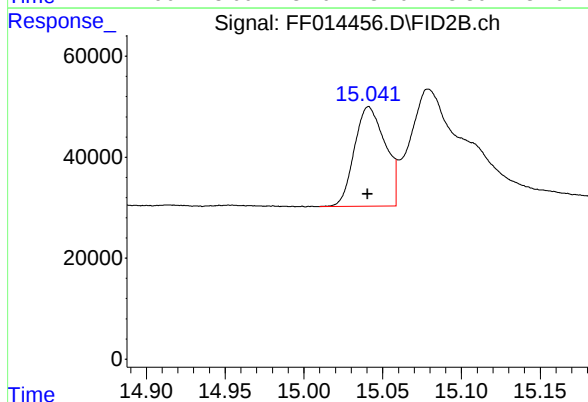
# #13 Pyrene (C20.8)

R.T.: 13.152 min  
Delta R.T.: -0.001 min  
Response: 504869  
Conc: 3.64 ug/ml

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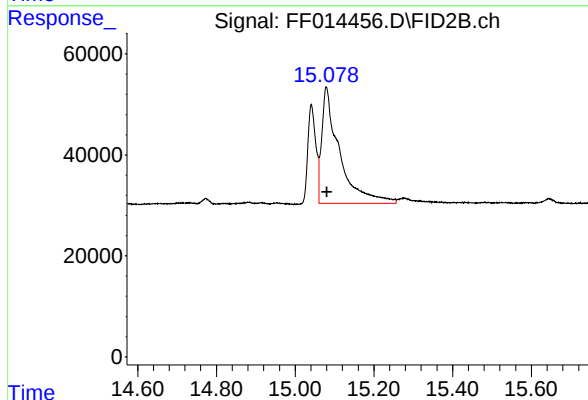
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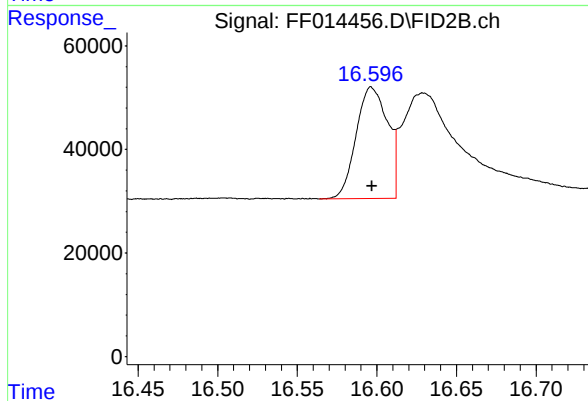
# #14 Benzo[a]anthracene (C26.37)

R.T.: 15.041 min  
Delta R.T.: 0.000 min  
Response: 270711  
Conc: 2.41 ug/ml m



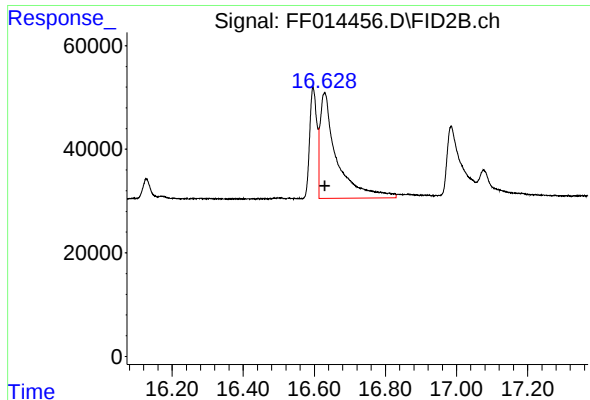
# #15 Chrysene (C27.41)

R.T.: 15.078 min  
Delta R.T.: -0.003 min  
Response: 719289  
Conc: 4.60 ug/ml m



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

R.T.: 16.597 min  
Delta R.T.: 0.000 min  
Response: 296729  
Conc: 2.52 ug/ml



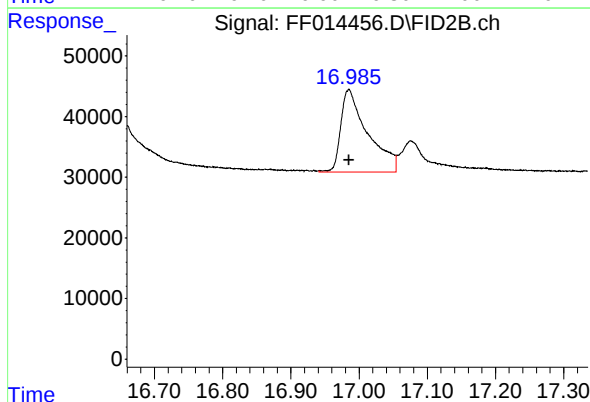
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.628 min  
Delta R.T.: -0.001 min  
Response: 662708  
Conc: 4.57 ug/ml

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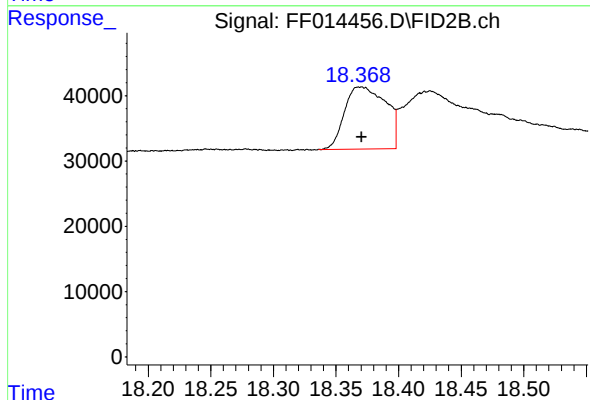
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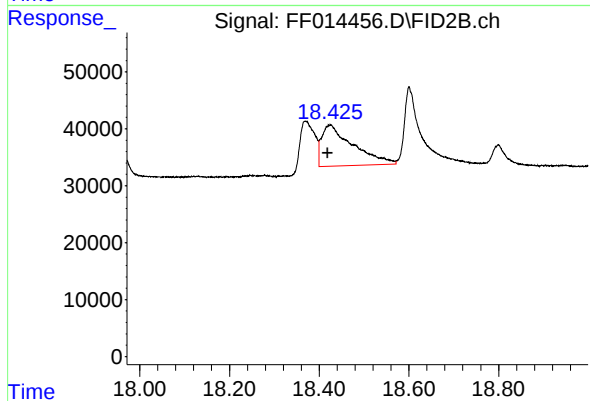
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.985 min  
Delta R.T.: 0.000 min  
Response: 374022  
Conc: 2.96 ug/ml m



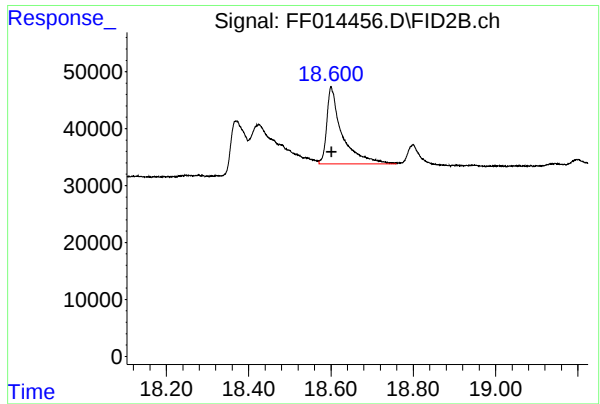
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.368 min  
Delta R.T.: -0.003 min  
Response: 219196  
Conc: 2.62 ug/ml m



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

R.T.: 18.425 min  
Delta R.T.: 0.005 min  
Response: 347306  
Conc: 2.51 ug/ml m



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

R.T.: 18.600 min  
Delta R.T.: -0.002 min  
Response: 348937  
Conc: 2.84 ug/ml

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