

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010521AR\  
 Data File : FD035894.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Jan 2021 17:30  
 Operator : DD\AJ  
 Sample : PB133904BS  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 PB133904BS

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Jan 06 08:23:44 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122120.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 09:21:33 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.581  | 7540031    | 69.092 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 138.18%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.447  | 4656667    | 67.074 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 134.15%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.479 | 6928730    | 53.606 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 107.21%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.382  | 5555708    | 44.591 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.920  | 6514839    | 51.549 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.972  | 6946709    | 54.920 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.246  | 7284645    | 57.584 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.541  | 7235370    | 53.343 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.324  | 7216525    | 58.759 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.721 | 7436829    | 60.977 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.798 | 7656668    | 61.179 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.535 | 7411882    | 60.819 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.833 | 7213639    | 58.959 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.708 | 6495170    | 66.060 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.751 | 7915993    | 64.603 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.264 | 6569200    | 68.979 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.297 | 6689069    | 60.732 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.644 | 6286334    | 69.049 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.018 | 6176227    | 76.276 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 18.050 | 6357744    | 59.500 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.270 | 6589445    | 71.274 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB133904BS  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

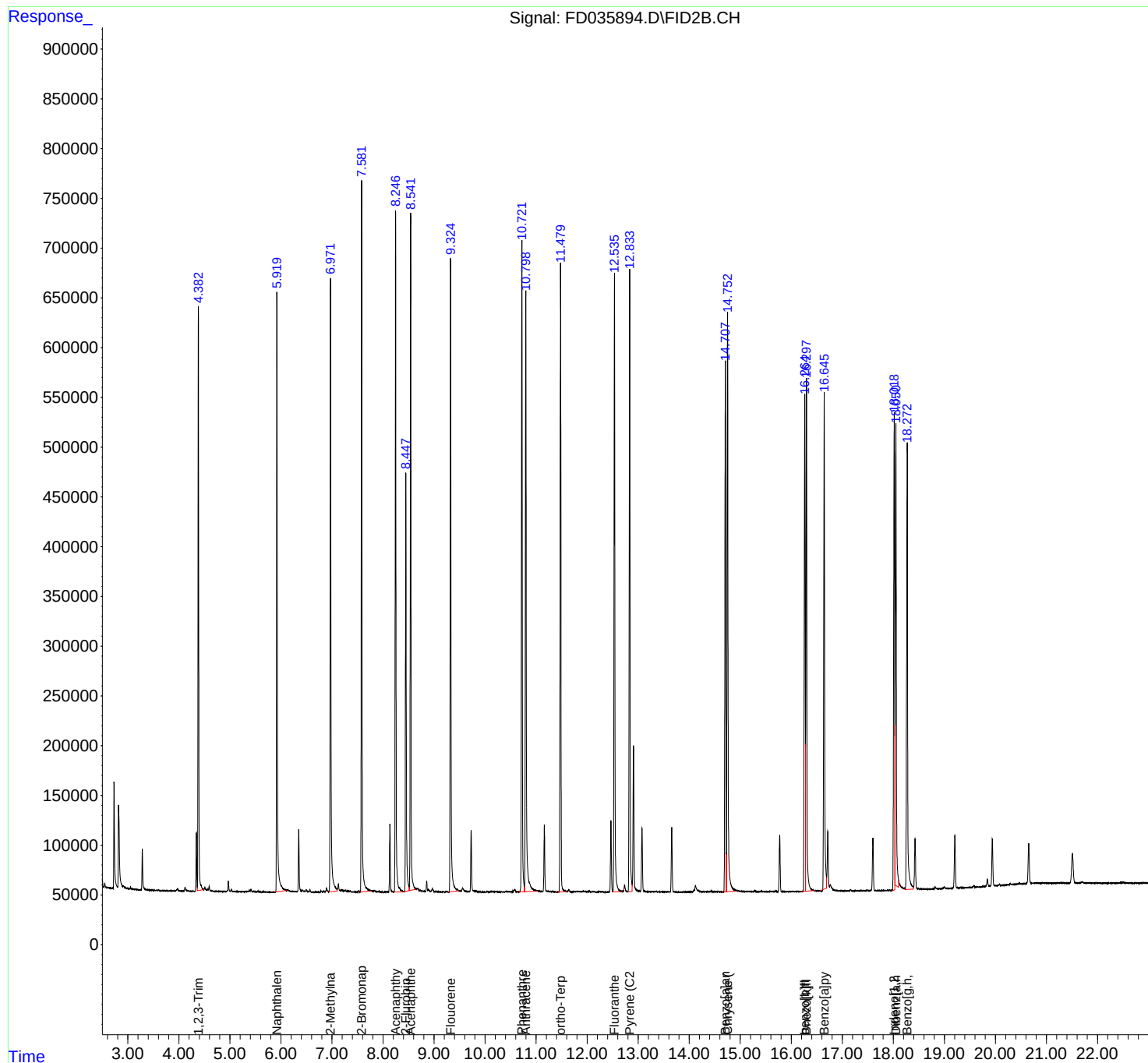
Instrument :  
FID\_D  
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PB133904BS

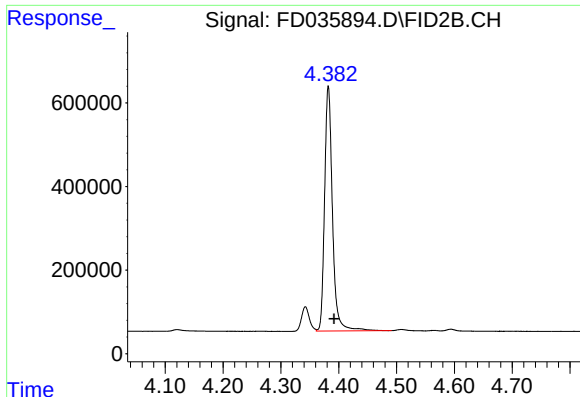
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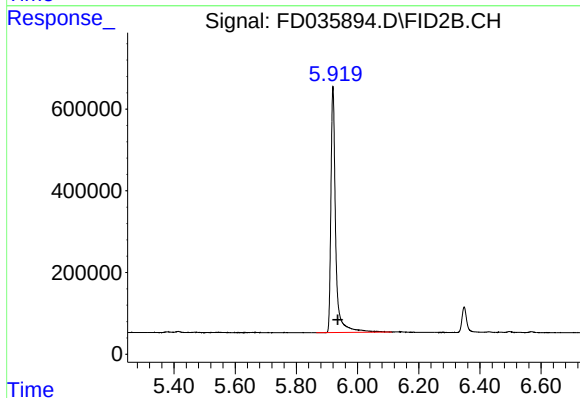
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.382 min  
Delta R.T.: -0.010 min  
Response: 5555708  
Conc: 44.59 ug/ml

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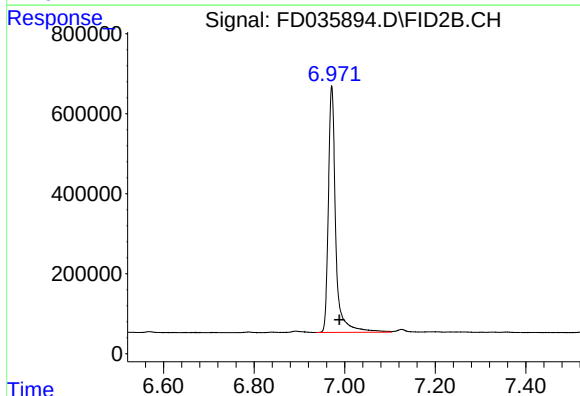
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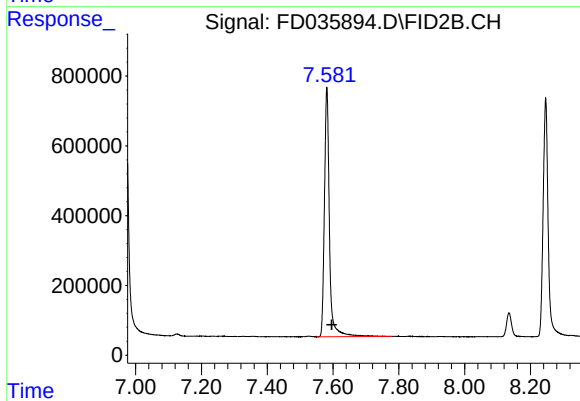
#2 Naphthalene (C11.7)

R.T.: 5.920 min  
Delta R.T.: -0.016 min  
Response: 6514839  
Conc: 51.55 ug/ml



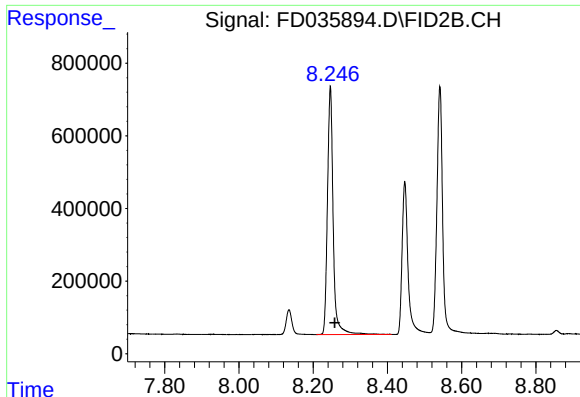
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.972 min  
Delta R.T.: -0.017 min  
Response: 6946709  
Conc: 54.92 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.581 min  
Delta R.T.: -0.015 min  
Response: 7540031  
Conc: 69.09 ug/ml



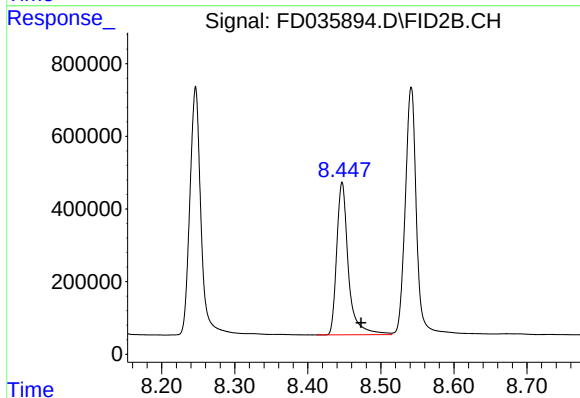
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min  
Delta R.T.: -0.012 min  
Response: 7284645  
Conc: 57.58 ug/ml

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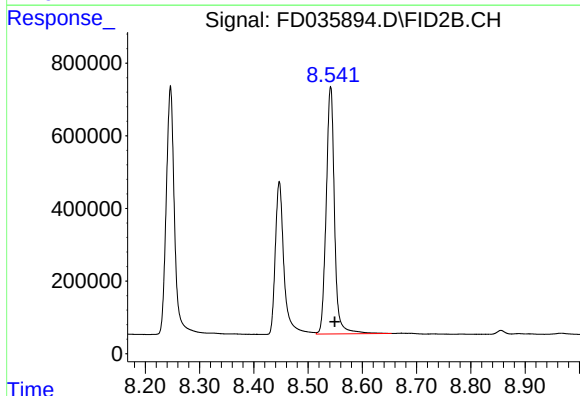
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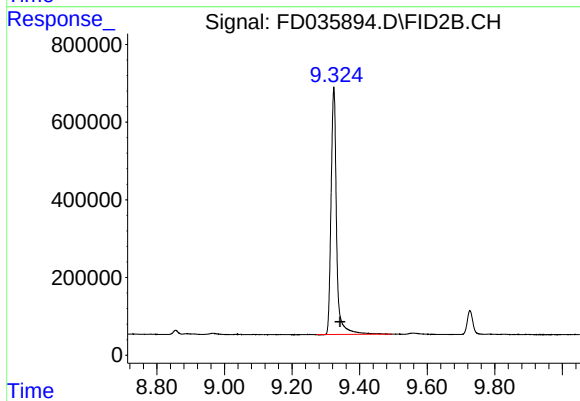
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.447 min  
Delta R.T.: -0.026 min  
Response: 4656667  
Conc: 67.07 ug/ml



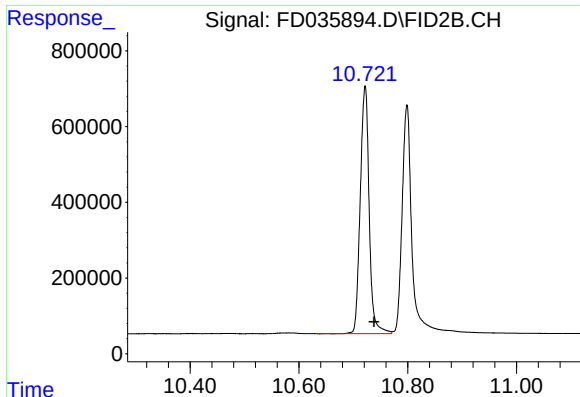
#7 Acenaphthene (C15.5)

R.T.: 8.541 min  
Delta R.T.: -0.008 min  
Response: 7235370  
Conc: 53.34 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.324 min  
Delta R.T.: -0.018 min  
Response: 7216525  
Conc: 58.76 ug/ml



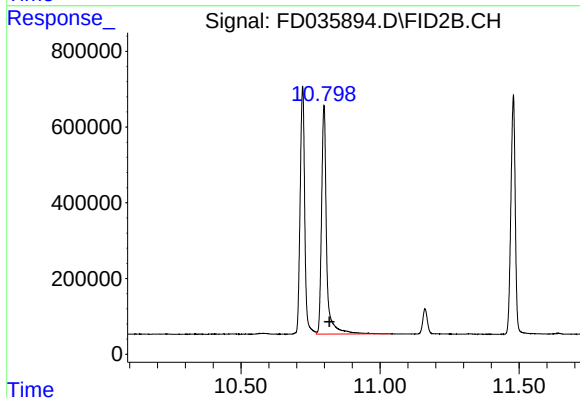
#9 Phenanthrene (C19.36)

R.T.: 10.721 min  
Delta R.T.: -0.017 min  
Response: 7436829  
Conc: 60.98 ug/ml

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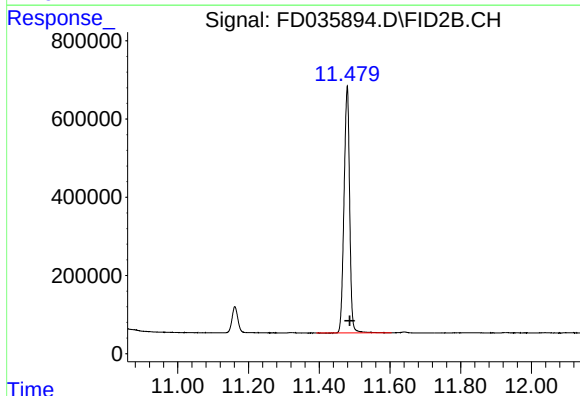
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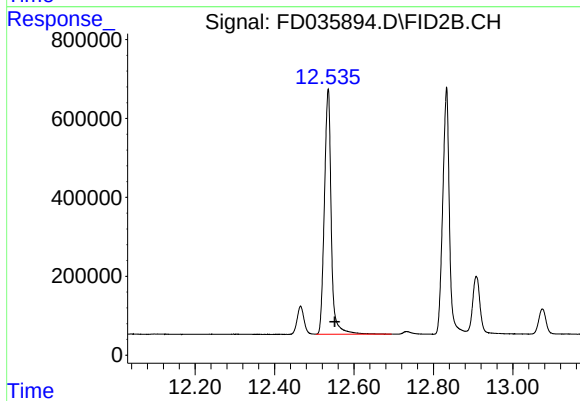
#10 Anthracene (C19.43)

R.T.: 10.798 min  
Delta R.T.: -0.019 min  
Response: 7656668  
Conc: 61.18 ug/ml



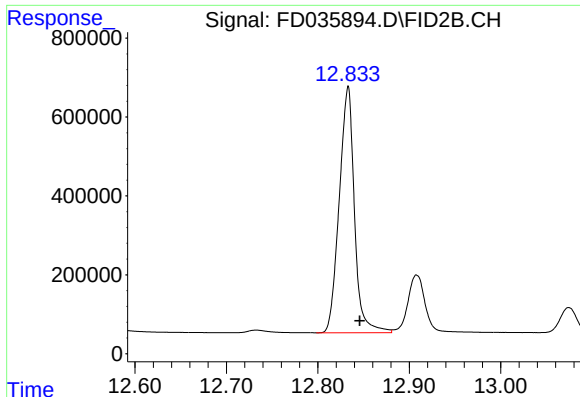
#11 ortho-Terphenyl (SURR)

R.T.: 11.479 min  
Delta R.T.: -0.008 min  
Response: 6928730  
Conc: 53.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.535 min  
Delta R.T.: -0.017 min  
Response: 7411882  
Conc: 60.82 ug/ml



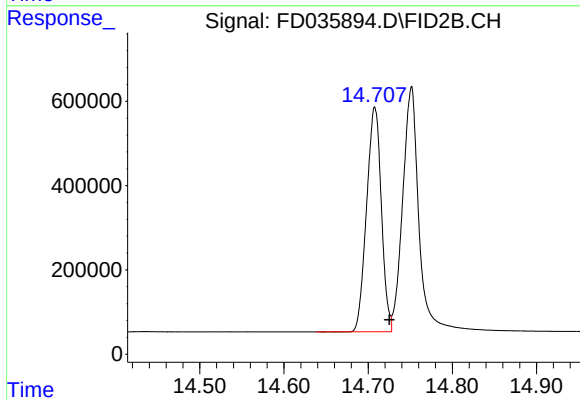
#13 Pyrene (C20.8)

R.T.: 12.833 min  
Delta R.T.: -0.013 min  
Response: 7213639  
Conc: 58.96 ug/ml

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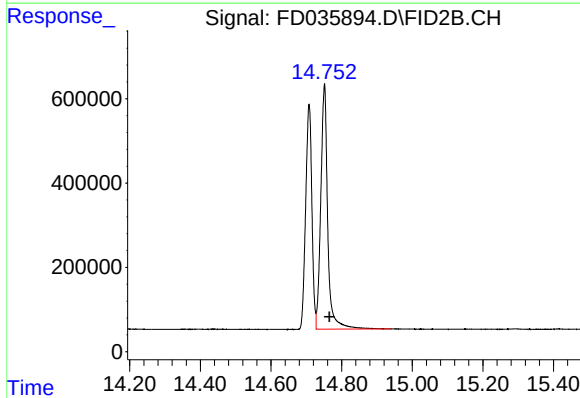
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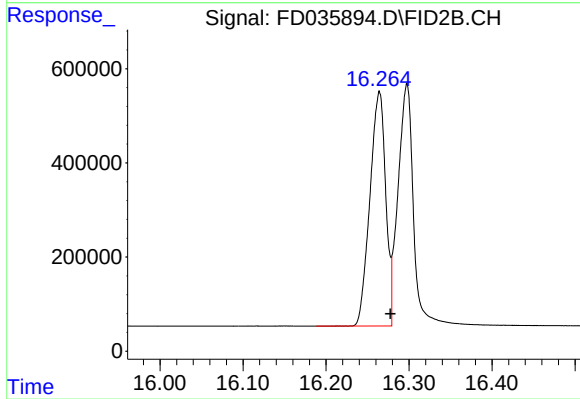
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.708 min  
Delta R.T.: -0.017 min  
Response: 6495170  
Conc: 66.06 ug/ml



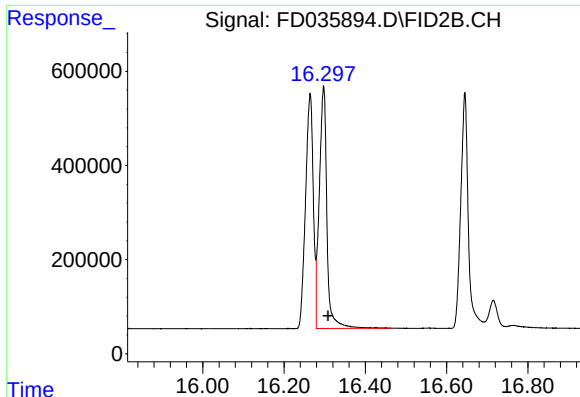
#15 Chrysene (C27.41)

R.T.: 14.751 min  
Delta R.T.: -0.014 min  
Response: 7915993  
Conc: 64.60 ug/ml



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

R.T.: 16.264 min  
Delta R.T.: -0.014 min  
Response: 6569200  
Conc: 68.98 ug/ml



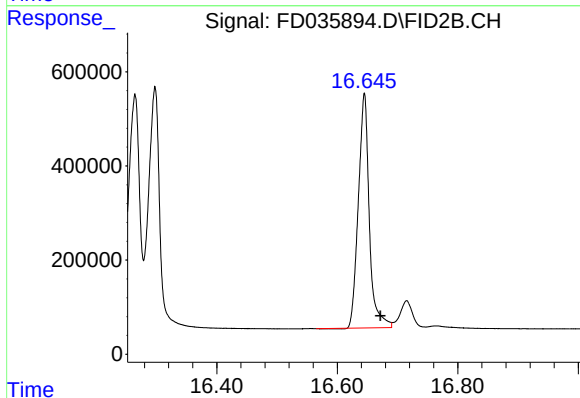
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min  
Delta R.T.: -0.012 min  
Response: 6689069  
Conc: 60.73 ug/ml

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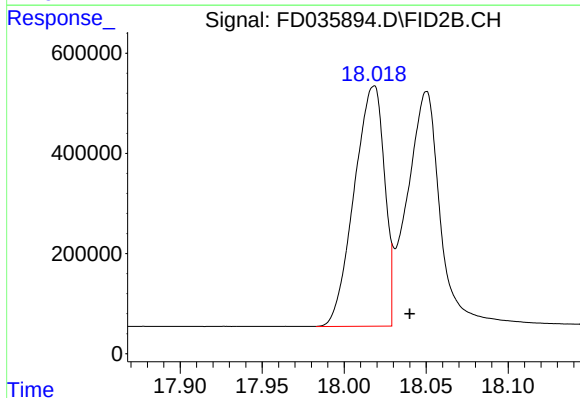
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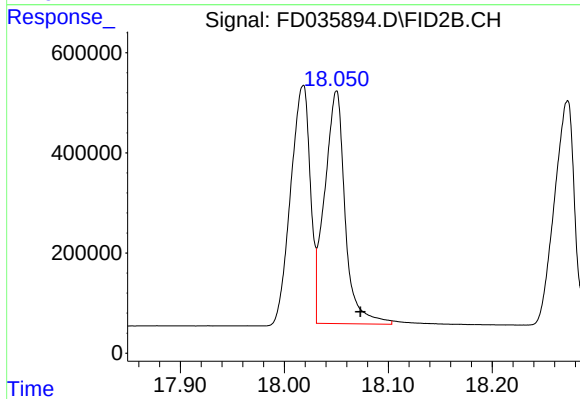
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.644 min  
Delta R.T.: -0.027 min  
Response: 6286334  
Conc: 69.05 ug/ml



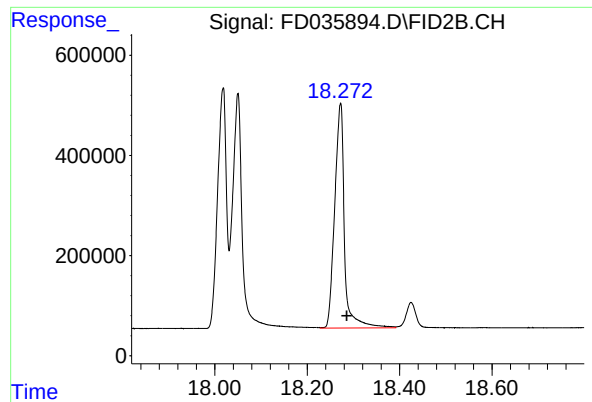
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min  
Delta R.T.: -0.022 min  
Response: 6176227  
Conc: 76.28 ug/ml m



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

R.T.: 18.050 min  
Delta R.T.: -0.023 min  
Response: 6357744  
Conc: 59.50 ug/ml m



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

R.T.: 18.270 min  
Delta R.T.: -0.015 min  
Response: 6589445  
Conc: 71.27 ug/ml

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