

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062118AR\  
 Data File : FD024740.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Jun 2018 2:05  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 25 02:18:32 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 09:02:19 2018  
 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...      | 7.479  | 1804055    | 19.721 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 39.44%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.333  | 1256853    | 19.817 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.63%        |
| 11) S ortho-Terphenyl (SURR)       | 11.383 | 1952444    | 19.455 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.91%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.273  | 1884234    | 20.274 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.812  | 2051159    | 20.214 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.864  | 2031855    | 19.984 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.137  | 1991632    | 19.947 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.433  | 2074609    | 19.860 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.213  | 2055582    | 19.673 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.607 | 2014905    | 19.597 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.681 | 1997203    | 19.590 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.417 | 2031504    | 20.374 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.712 | 2048611    | 20.602 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.584 | 2148596    | 22.887 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.626 | 2162609    | 22.860 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.133 | 2242334    | 21.684 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.165 | 2252050    | 21.342 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.510 | 2244444    | 21.598 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.873 | 2196446    | 20.607 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.916 | 2204959    | 21.082 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.126 | 2219223    | 20.893 ug/ml  |
| -----                              |        |            |               |

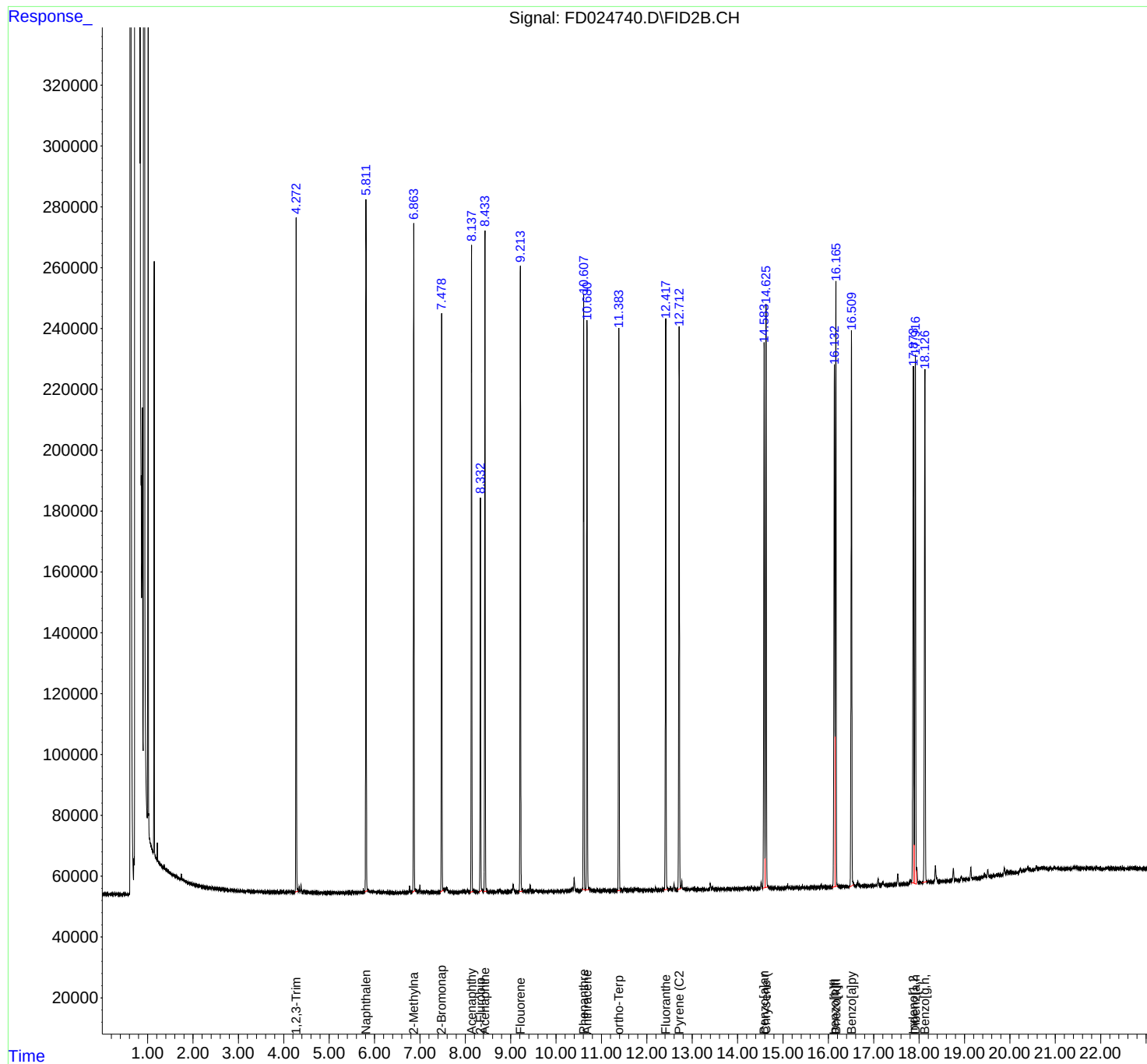
(f)=RT Delta > 1/2 Window

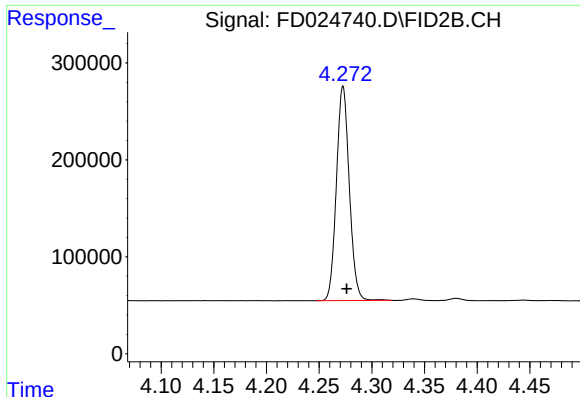
(m)=manual int.

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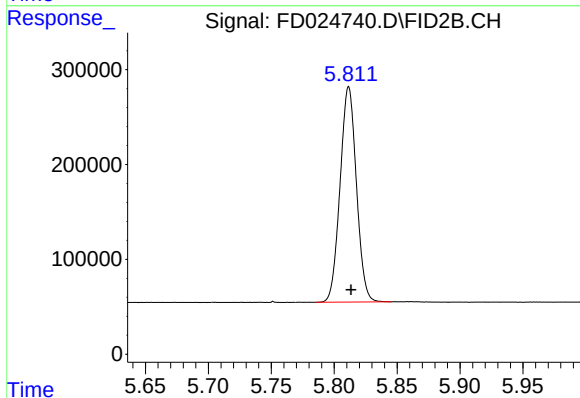
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Signal Info : 20M x 0.18mm x 0.18µm





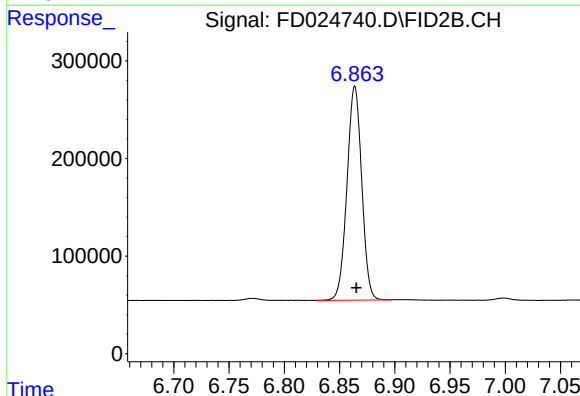
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min  
Delta R.T.: -0.004 min  
Response: 1884234  
Conc: 20.27 ug/ml



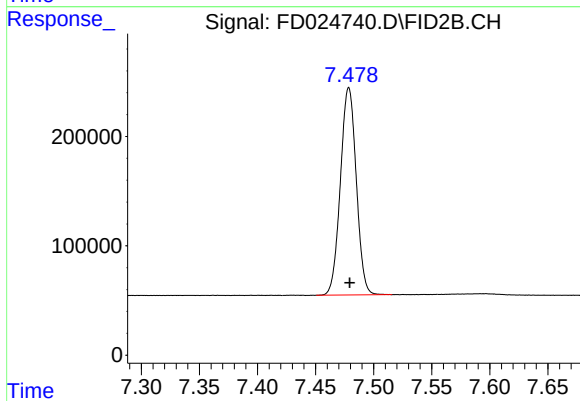
#2 Naphthalene (C11.7)

R.T.: 5.812 min  
Delta R.T.: -0.002 min  
Response: 2051159  
Conc: 20.21 ug/ml



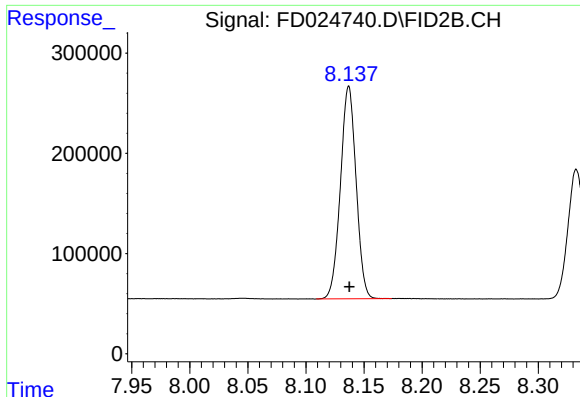
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min  
Delta R.T.: -0.001 min  
Response: 2031855  
Conc: 19.98 ug/ml



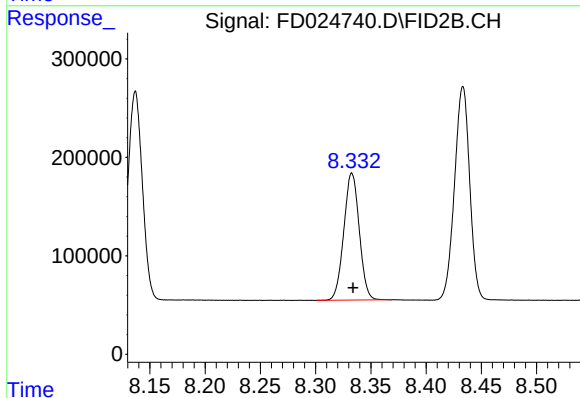
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min  
Delta R.T.: 0.000 min  
Response: 1804055  
Conc: 19.72 ug/ml



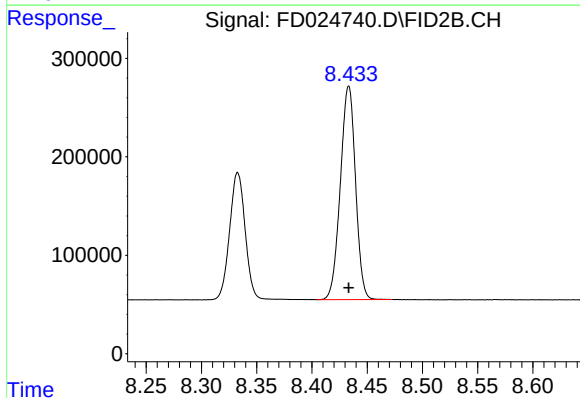
#5 Acenaphthylene (C15.06)

R.T.: 8.137 min  
Delta R.T.: 0.000 min  
Response: 1991632  
Conc: 19.95 ug/ml



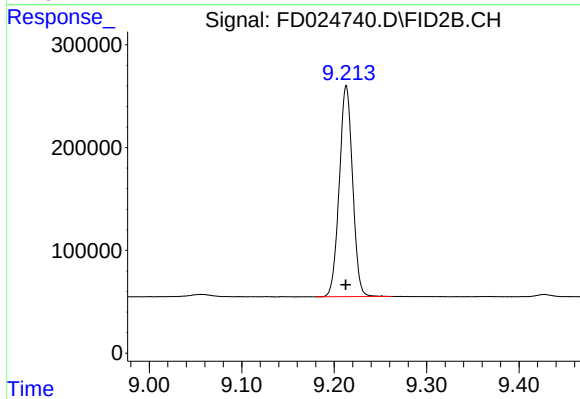
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.333 min  
Delta R.T.: 0.000 min  
Response: 1256853  
Conc: 19.82 ug/ml



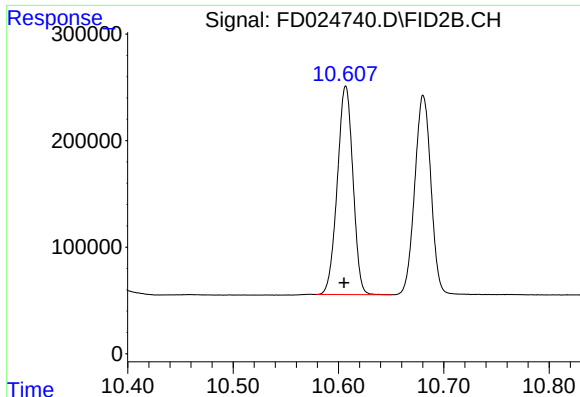
#7 Acenaphthene (C15.5)

R.T.: 8.433 min  
Delta R.T.: 0.000 min  
Response: 2074609  
Conc: 19.86 ug/ml



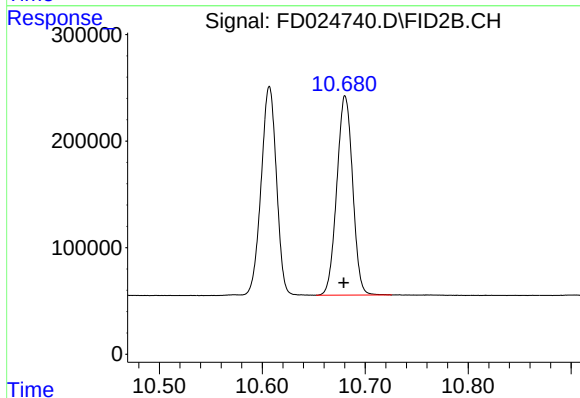
#8 Fluorene (C16.55)

R.T.: 9.213 min  
Delta R.T.: 0.000 min  
Response: 2055582  
Conc: 19.67 ug/ml



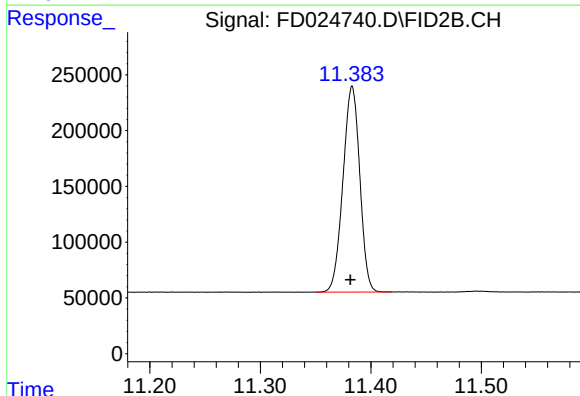
#9 Phenanthrene (C19.36)

R.T.: 10.607 min  
Delta R.T.: 0.002 min  
Response: 2014905  
Conc: 19.60 ug/ml



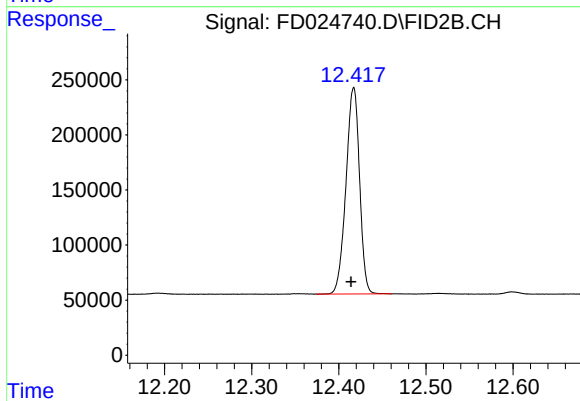
#10 Anthracene (C19.43)

R.T.: 10.681 min  
Delta R.T.: 0.002 min  
Response: 1997203  
Conc: 19.59 ug/ml



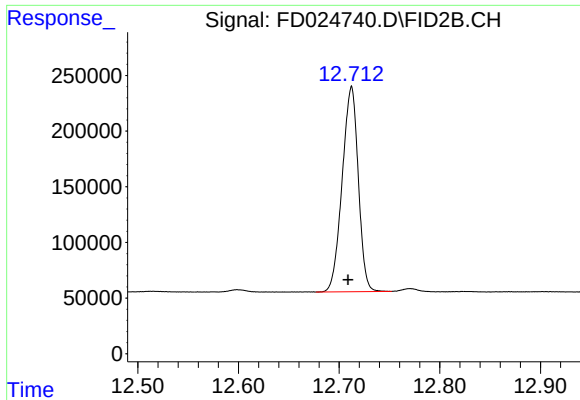
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min  
Delta R.T.: 0.002 min  
Response: 1952444  
Conc: 19.46 ug/ml



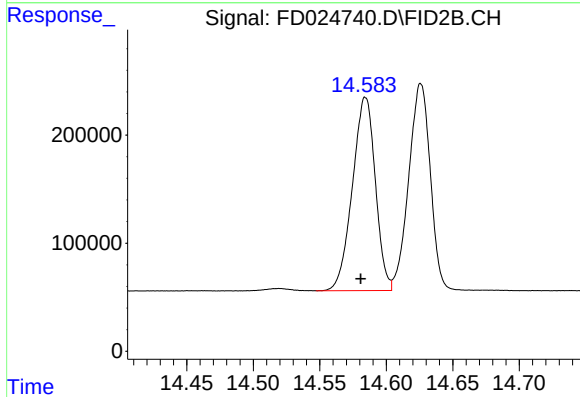
#12 Fluoranthene (C21.85)

R.T.: 12.417 min  
Delta R.T.: 0.003 min  
Response: 2031504  
Conc: 20.37 ug/ml



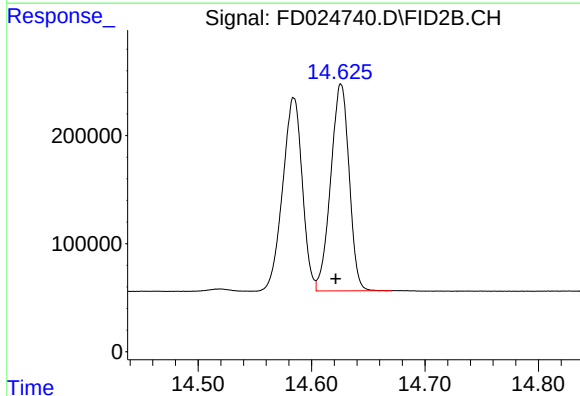
#13 Pyrene (C20.8)

R.T.: 12.712 min  
Delta R.T.: 0.003 min  
Response: 2048611  
Conc: 20.60 ug/ml



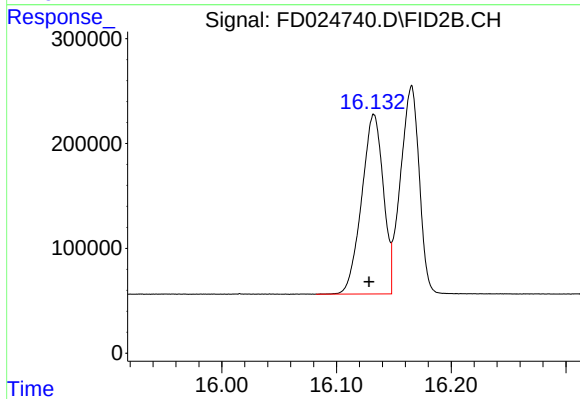
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min  
Delta R.T.: 0.004 min  
Response: 2148596  
Conc: 22.89 ug/ml



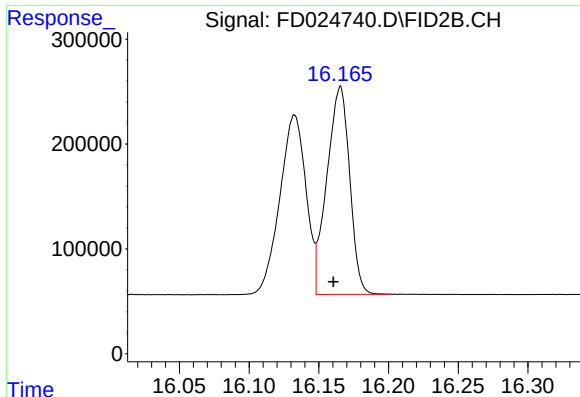
#15 Chrysene (C27.41)

R.T.: 14.626 min  
Delta R.T.: 0.005 min  
Response: 2162609  
Conc: 22.86 ug/ml



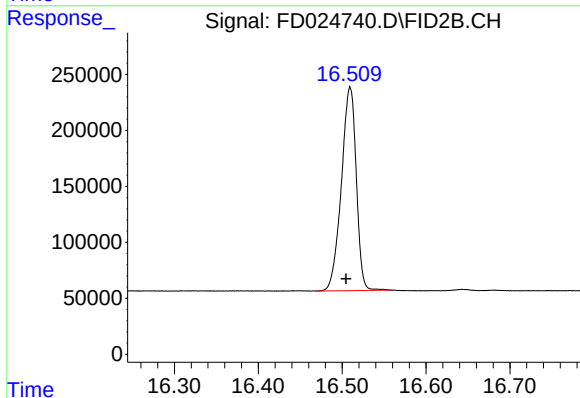
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.133 min  
Delta R.T.: 0.004 min  
Response: 2242334  
Conc: 21.68 ug/ml



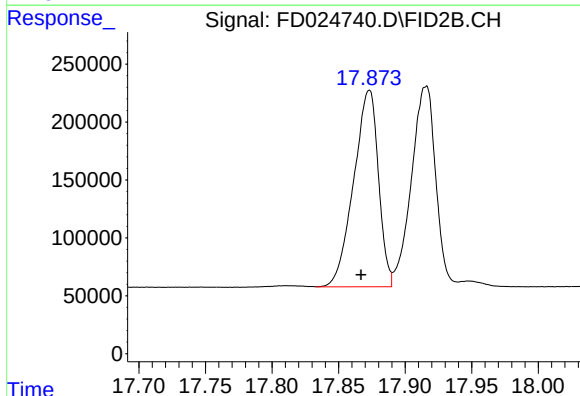
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.165 min  
Delta R.T.: 0.005 min  
Response: 2252050  
Conc: 21.34 ug/ml



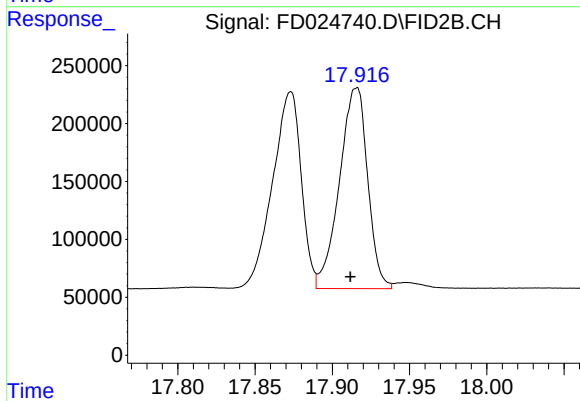
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min  
Delta R.T.: 0.005 min  
Response: 2244444  
Conc: 21.60 ug/ml



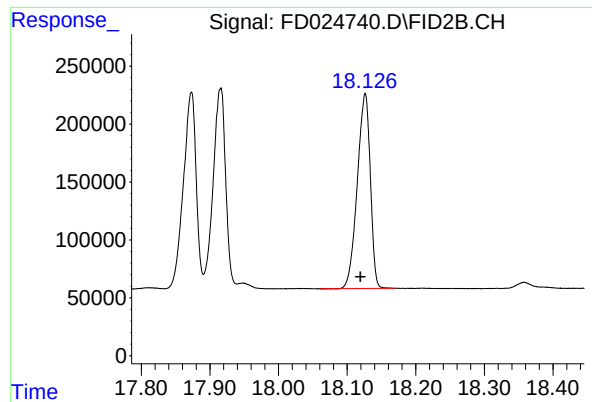
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min  
Delta R.T.: 0.006 min  
Response: 2196446  
Conc: 20.61 ug/ml m



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

R.T.: 17.916 min  
Delta R.T.: 0.004 min  
Response: 2204959  
Conc: 21.08 ug/ml m



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

R.T.: 18.126 min  
Delta R.T.: 0.007 min  
Response: 2219223  
Conc: 20.89 ug/ml