

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102020AR\  
 Data File : FD035091.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Oct 2020 10:12  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 20 13:31:40 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 100120.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 10:31:12 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...      | 7.648   | 2406661    | 20.646 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 41.29%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.513   | 1625869    | 19.804 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 39.61%       |
| 11) S ortho-Terphenyl (SURR)       | 11.552  | 2673749    | 19.499 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 39.00%       |
| Target Compounds                   |         |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.446   | 2728967    | 21.017 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.986   | 2858472    | 20.884 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.039   | 2837502    | 20.687 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.315   | 2660936    | 19.654 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.610   | 2805188    | 20.319 ug/ml |
| 8) T Flouorene (C16.55)            | 9.392   | 2645243    | 19.678 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.789  | 2515439    | 18.833 ug/ml |
| 10) T Anthracene (C19.43)          | 10.864  | 2253318    | 16.686 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.600  | 2391507    | 18.173 ug/ml |
| 13) T Pyrene (C20.8)               | 12.898  | 2358922    | 18.425 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.812  | 2212215    | 19.432 ug/ml |
| 15) T Chrysene (C27.41)            | 14.812  | 2212215    | 18.062 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.320  | 4236265    | 39.523 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.320f | 4236265    | 39.215 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.699  | 1935137    | 19.860 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.102  | 2205364    | 23.806 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.102  | 2205364    | 21.838 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.317  | 2117090    | 21.971 ug/ml |
| -----                              |         |            |              |

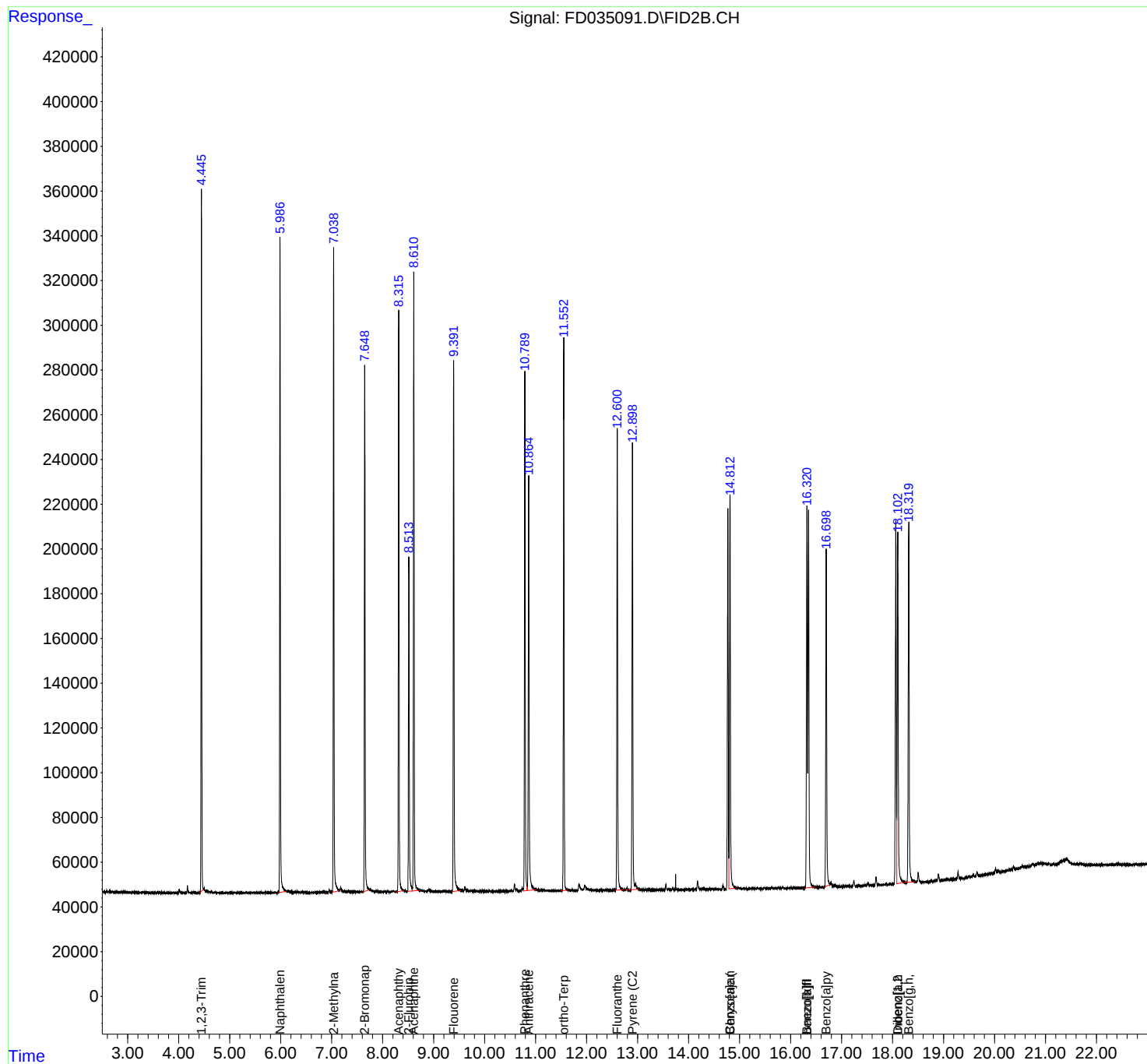
(f)=RT Delta > 1/2 Window

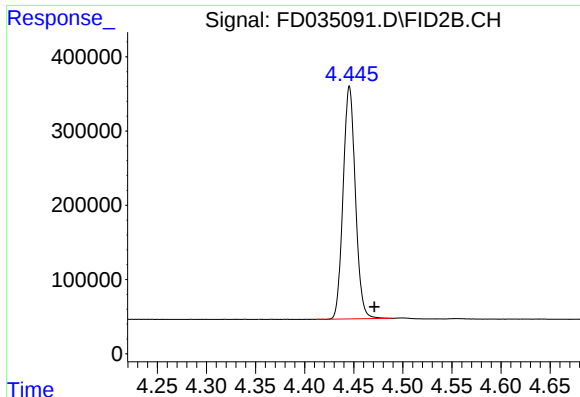
(m)=manual int.

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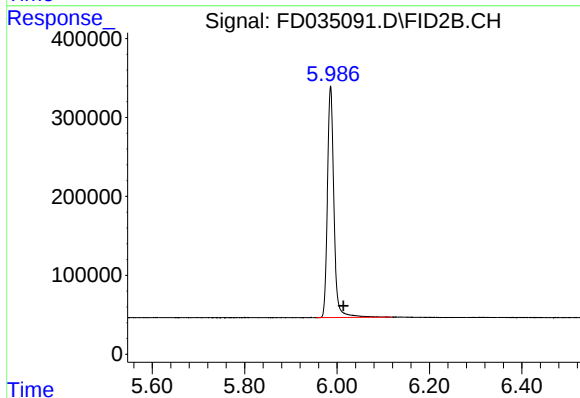
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





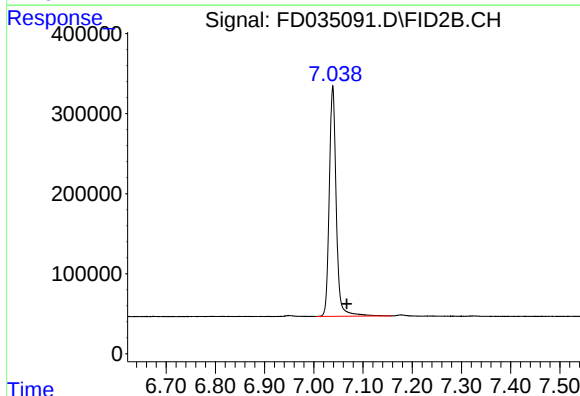
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min  
Delta R.T.: -0.025 min  
Response: 2728967  
Conc: 21.02 ug/ml



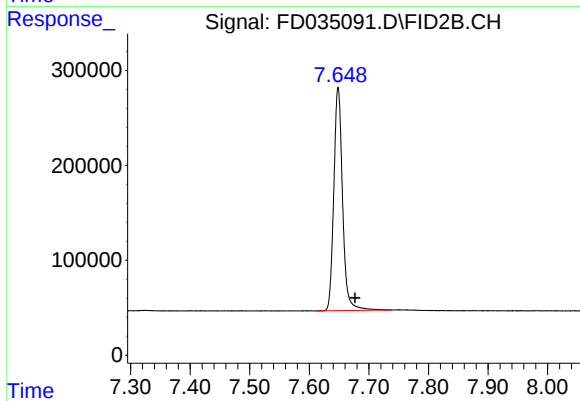
#2 Naphthalene (C11.7)

R.T.: 5.986 min  
Delta R.T.: -0.028 min  
Response: 2858472  
Conc: 20.88 ug/ml



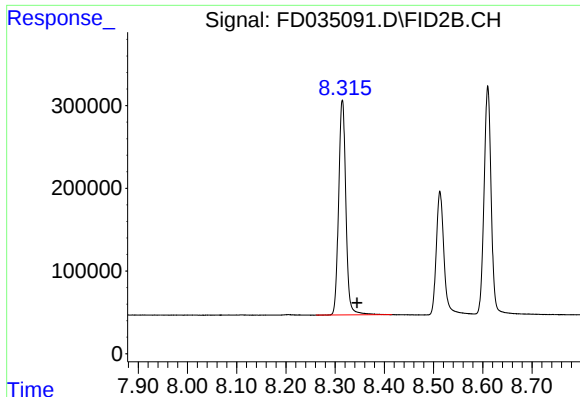
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min  
Delta R.T.: -0.029 min  
Response: 2837502  
Conc: 20.69 ug/ml



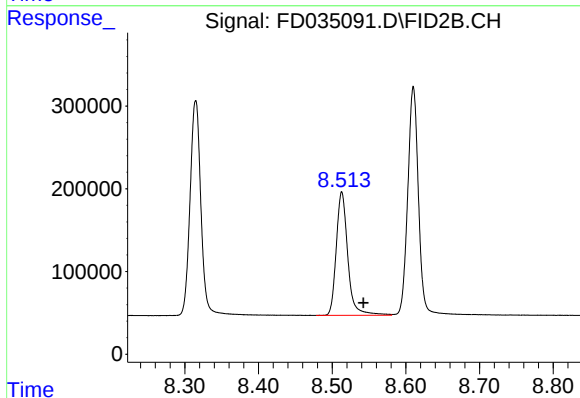
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min  
Delta R.T.: -0.028 min  
Response: 2406661  
Conc: 20.65 ug/ml



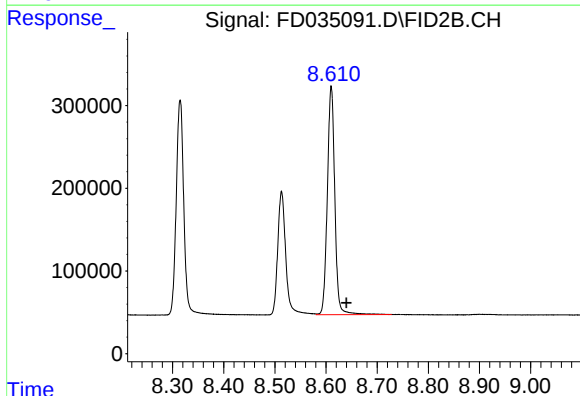
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min  
Delta R.T.: -0.030 min  
Response: 2660936  
Conc: 19.65 ug/ml



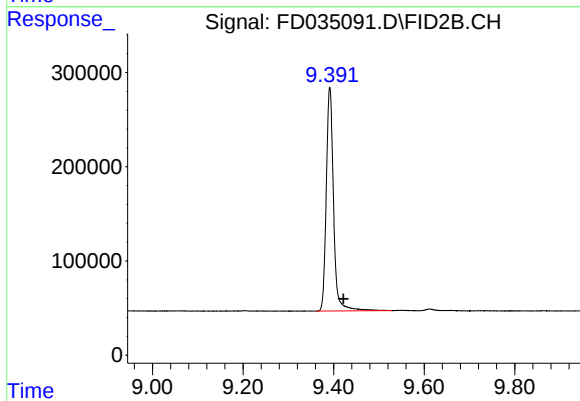
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min  
Delta R.T.: -0.029 min  
Response: 1625869  
Conc: 19.80 ug/ml



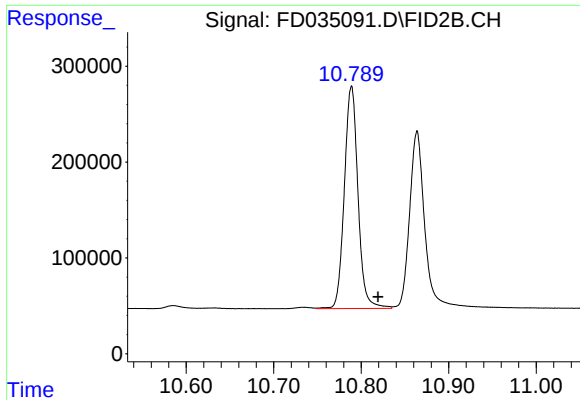
#7 Acenaphthene (C15.5)

R.T.: 8.610 min  
Delta R.T.: -0.030 min  
Response: 2805188  
Conc: 20.32 ug/ml



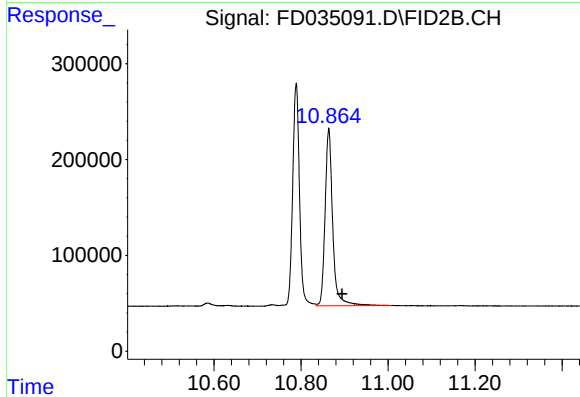
#8 Fluorene (C16.55)

R.T.: 9.392 min  
Delta R.T.: -0.030 min  
Response: 2645243  
Conc: 19.68 ug/ml



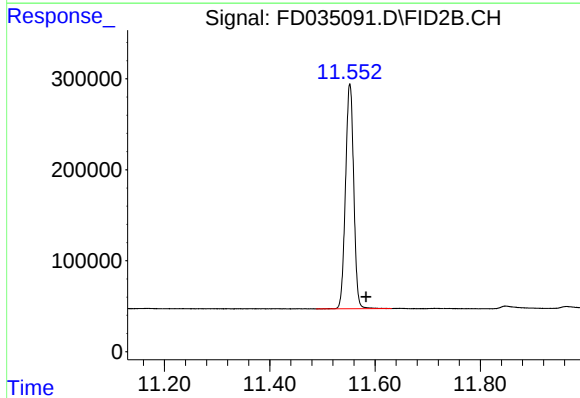
#9 Phenanthrene (C19.36)

R.T.: 10.789 min  
Delta R.T.: -0.031 min  
Response: 2515439  
Conc: 18.83 ug/ml



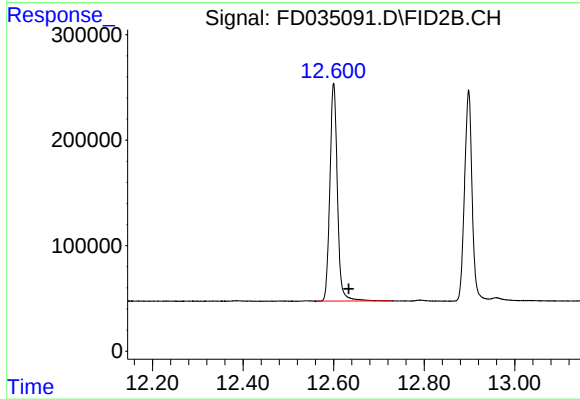
#10 Anthracene (C19.43)

R.T.: 10.864 min  
Delta R.T.: -0.031 min  
Response: 2253318  
Conc: 16.69 ug/ml



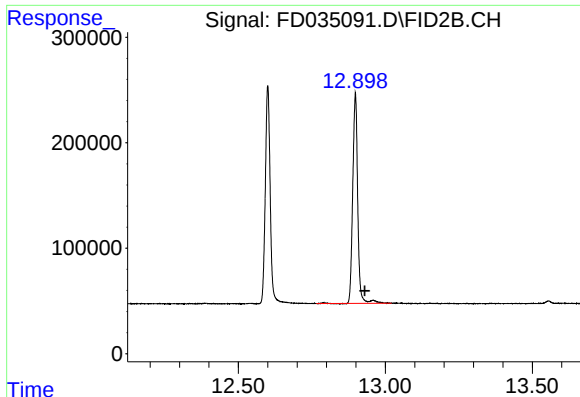
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min  
Delta R.T.: -0.031 min  
Response: 2673749  
Conc: 19.50 ug/ml



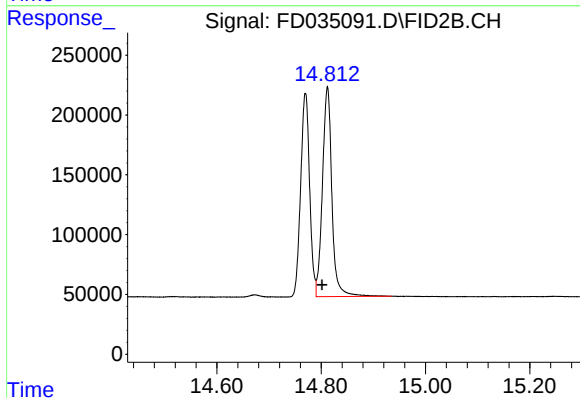
#12 Fluoranthene (C21.85)

R.T.: 12.600 min  
Delta R.T.: -0.033 min  
Response: 2391507  
Conc: 18.17 ug/ml



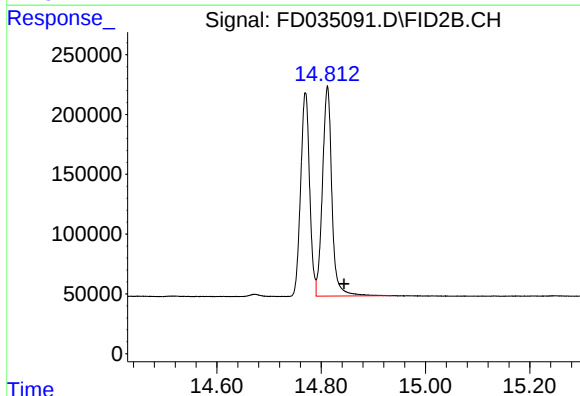
#13 Pyrene (C20.8)

R.T.: 12.898 min  
Delta R.T.: -0.032 min  
Response: 2358922  
Conc: 18.43 ug/ml



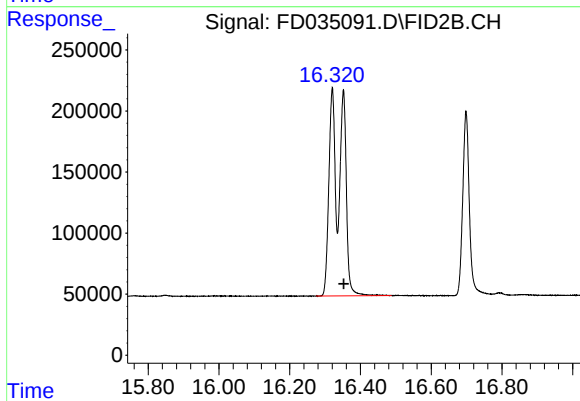
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.812 min  
Delta R.T.: 0.010 min  
Response: 2212215  
Conc: 19.43 ug/ml



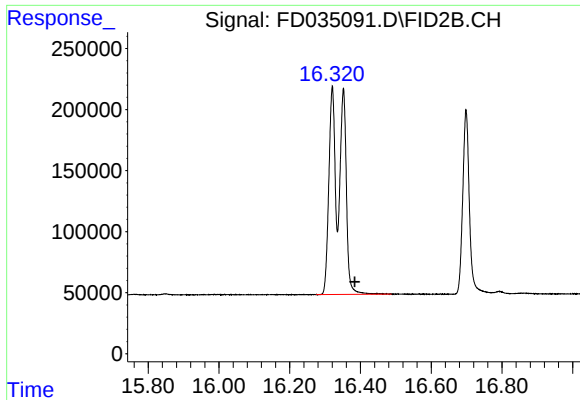
#15 Chrysene (C27.41)

R.T.: 14.812 min  
Delta R.T.: -0.032 min  
Response: 2212215  
Conc: 18.06 ug/ml



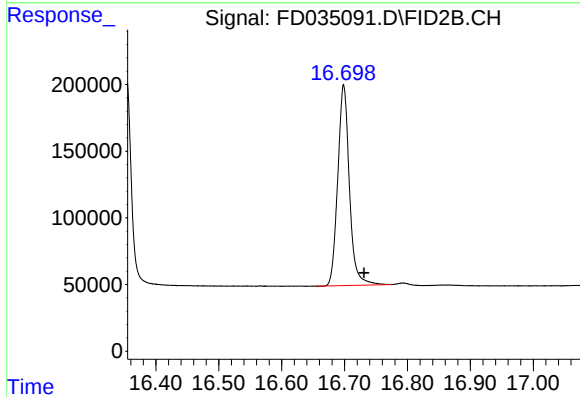
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min  
Delta R.T.: -0.032 min  
Response: 4236265  
Conc: 39.52 ug/ml



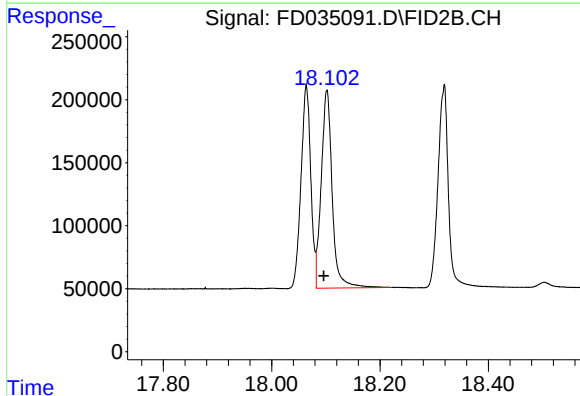
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min  
Delta R.T.: -0.064 min  
Response: 4236265  
Conc: 39.22 ug/ml



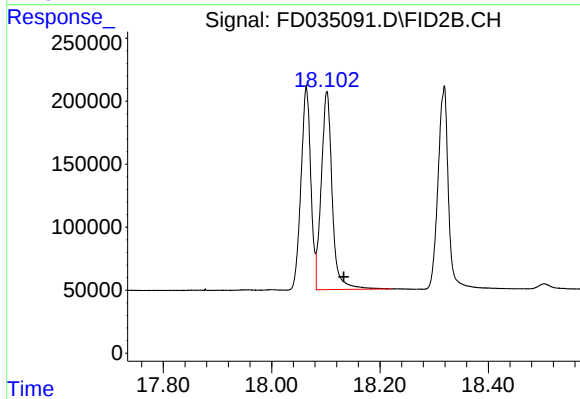
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min  
Delta R.T.: -0.032 min  
Response: 1935137  
Conc: 19.86 ug/ml



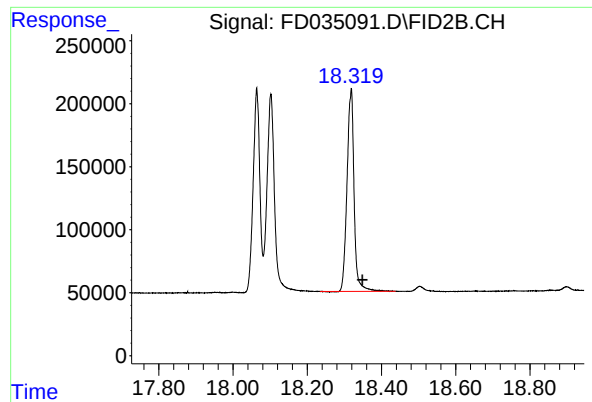
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.102 min  
Delta R.T.: 0.006 min  
Response: 2205364  
Conc: 23.81 ug/ml



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

R.T.: 18.102 min  
Delta R.T.: -0.032 min  
Response: 2205364  
Conc: 21.84 ug/ml



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

R.T.: 18.317 min  
Delta R.T.: -0.032 min  
Response: 2117090  
Conc: 21.97 ug/ml