

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100319AR\  
 Data File : FD030905.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Oct 2019 13:34  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 14:19:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 04:51:24 2019  
 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...      | 7.565  | 3845853    | 22.586 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.17%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.426  | 2507843    | 21.744 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.49%       |
| 11) S ortho-Terphenyl (SURR)       | 11.457 | 3940459    | 21.102 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.20%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.376  | 4368325    | 23.720 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.908  | 4433585    | 23.057 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.958  | 4335137    | 22.759 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.229  | 4018428    | 21.817 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.524  | 4245997    | 21.998 ug/ml |
| 8) T Flouorene (C16.55)            | 9.303  | 4074106    | 21.555 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.695 | 3909348    | 20.790 ug/ml |
| 10) T Anthracene (C19.43)          | 10.770 | 3494630    | 19.122 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.502 | 3734748    | 19.975 ug/ml |
| 13) T Pyrene (C20.8)               | 12.798 | 3608847    | 19.625 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.665 | 3404735    | 19.678 ug/ml |
| 15) T Chrysene (C27.41)            | 14.707 | 3550751    | 20.006 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.212 | 3550057    | 21.077 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.244 | 3559854    | 20.890 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.590 | 3491374    | 21.268 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.955 | 3498916    | 22.333 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.990 | 3588350    | 22.932 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.209 | 3537395    | 22.971 ug/ml |
| -----                              |        |            |              |

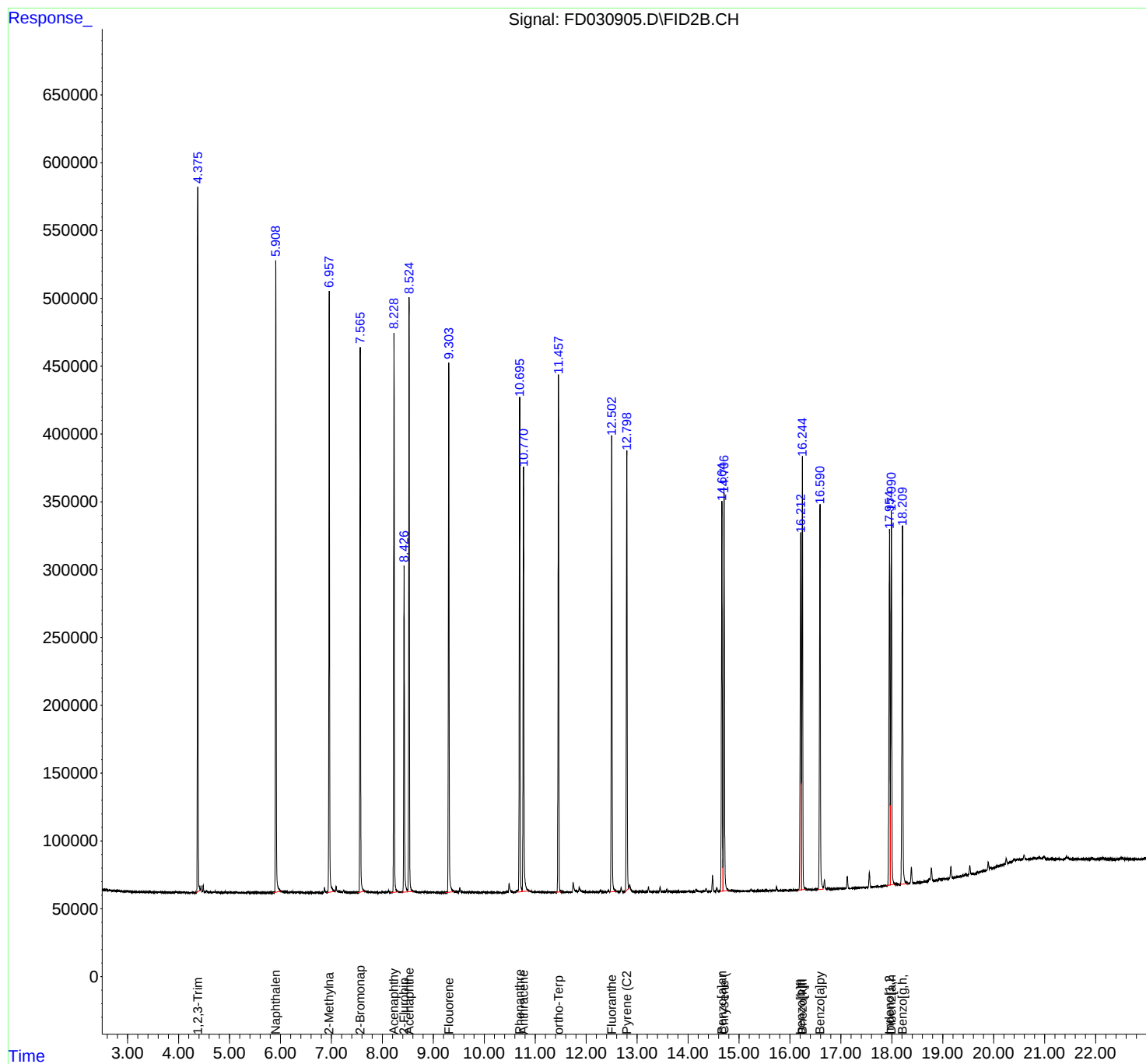
(f)=RT Delta > 1/2 Window

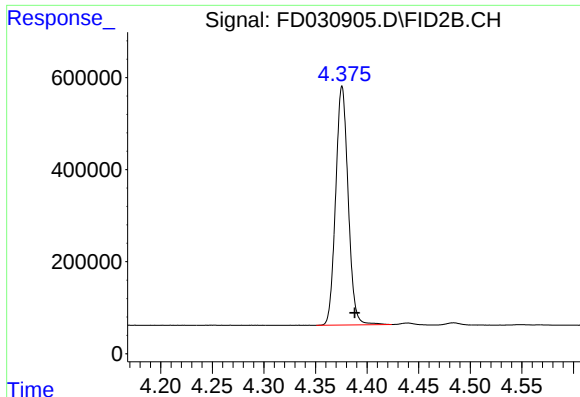
(m)=manual int.

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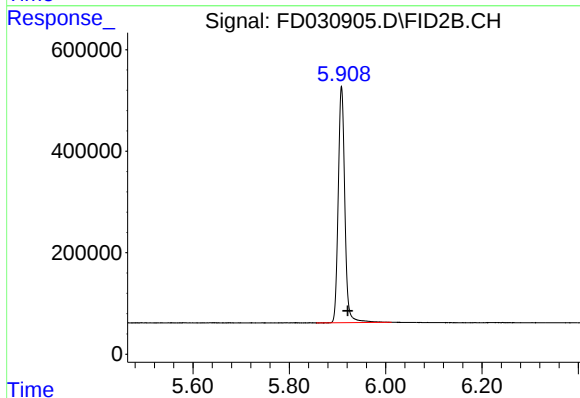
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





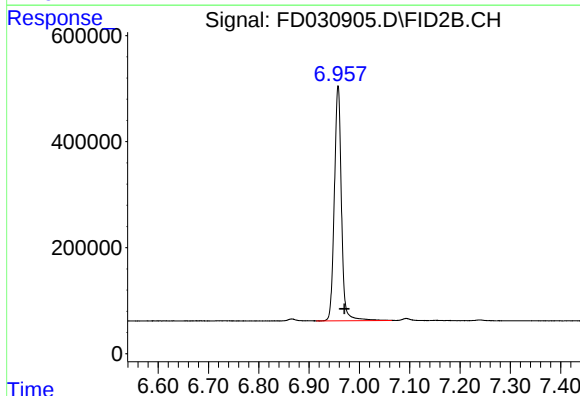
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min  
Delta R.T.: -0.012 min  
Response: 4368325  
Conc: 23.72 ug/ml



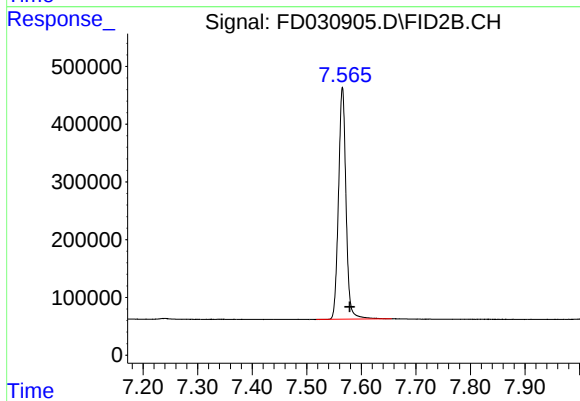
#2 Naphthalene (C11.7)

R.T.: 5.908 min  
Delta R.T.: -0.013 min  
Response: 4433585  
Conc: 23.06 ug/ml



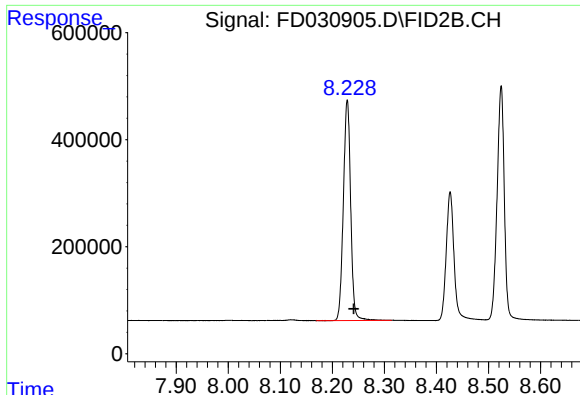
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min  
Delta R.T.: -0.012 min  
Response: 4335137  
Conc: 22.76 ug/ml



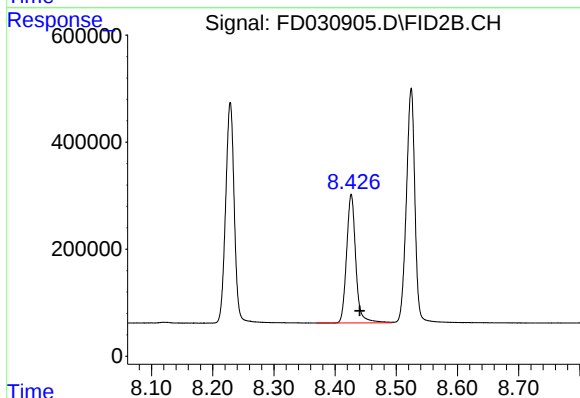
#4 2-Bromonaphthalene (SURR)

R.T.: 7.565 min  
Delta R.T.: -0.013 min  
Response: 3845853  
Conc: 22.59 ug/ml



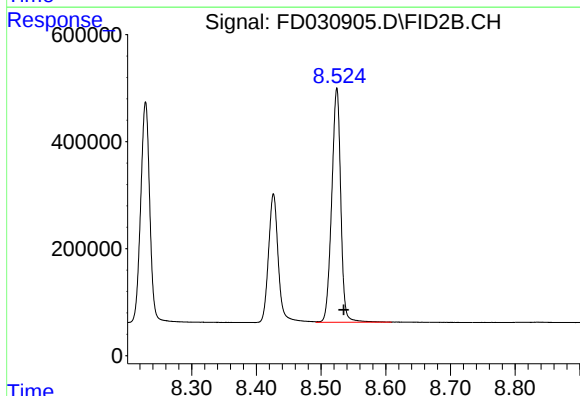
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min  
Delta R.T.: -0.012 min  
Response: 4018428  
Conc: 21.82 ug/ml



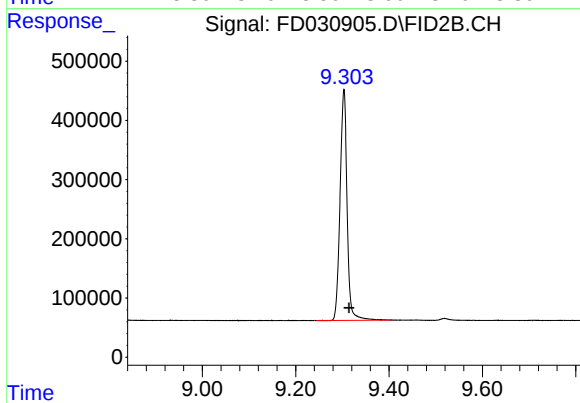
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.426 min  
Delta R.T.: -0.014 min  
Response: 2507843  
Conc: 21.74 ug/ml



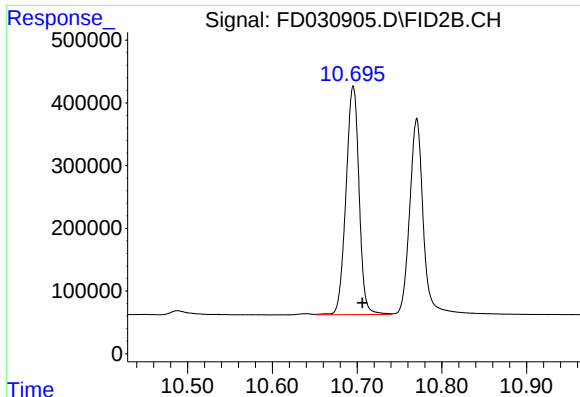
#7 Acenaphthene (C15.5)

R.T.: 8.524 min  
Delta R.T.: -0.011 min  
Response: 4245997  
Conc: 22.00 ug/ml



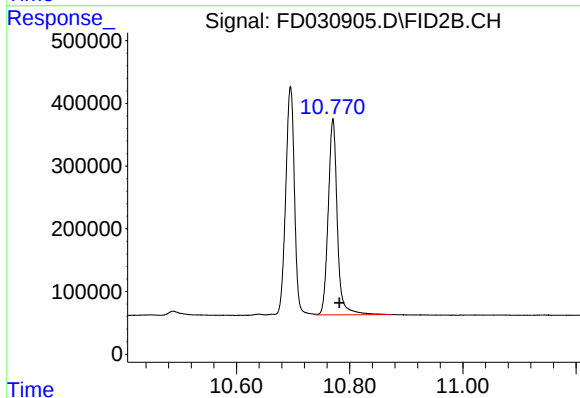
#8 Fluorene (C16.55)

R.T.: 9.303 min  
Delta R.T.: -0.011 min  
Response: 4074106  
Conc: 21.55 ug/ml



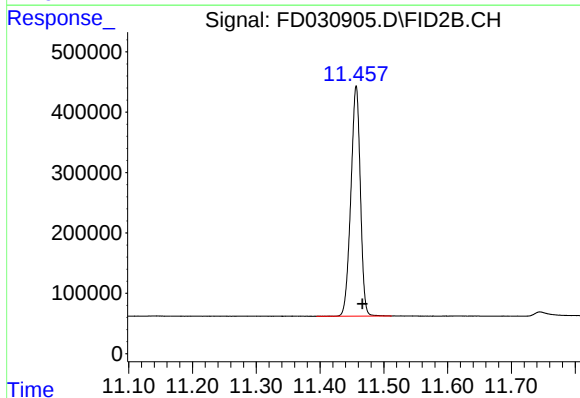
#9 Phenanthrene (C19.36)

R.T.: 10.695 min  
Delta R.T.: -0.011 min  
Response: 3909348  
Conc: 20.79 ug/ml



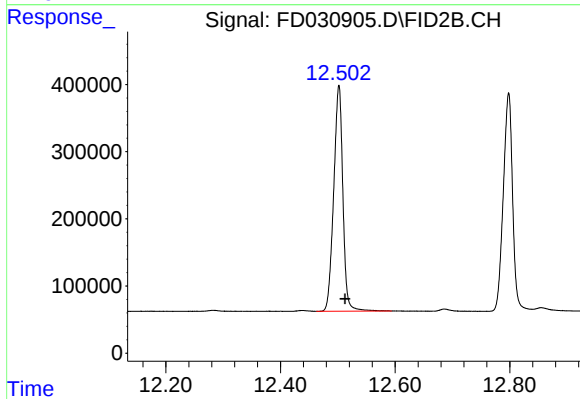
#10 Anthracene (C19.43)

R.T.: 10.770 min  
Delta R.T.: -0.012 min  
Response: 3494630  
Conc: 19.12 ug/ml



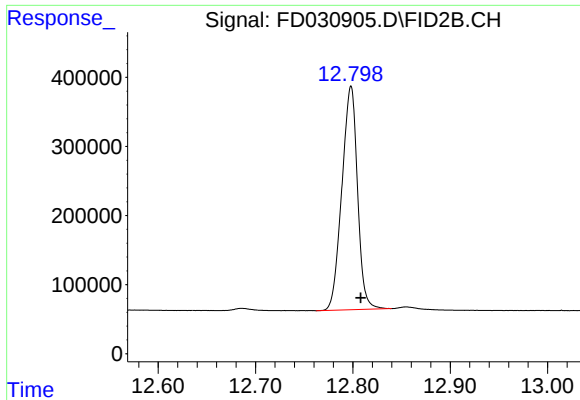
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min  
Delta R.T.: -0.010 min  
Response: 3940459  
Conc: 21.10 ug/ml



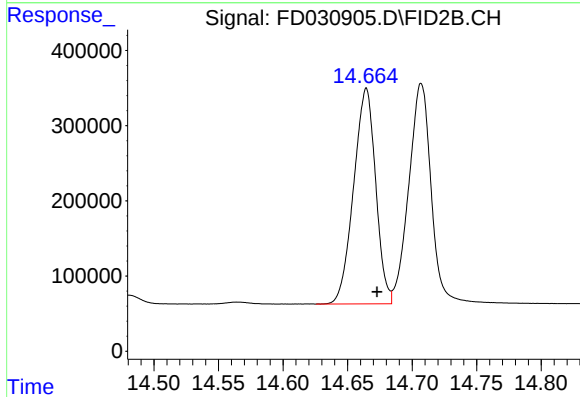
#12 Fluoranthene (C21.85)

R.T.: 12.502 min  
Delta R.T.: -0.010 min  
Response: 3734748  
Conc: 19.97 ug/ml



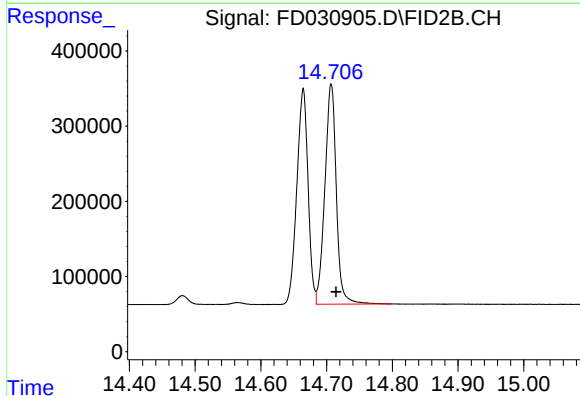
#13 Pyrene (C20.8)

R.T.: 12.798 min  
Delta R.T.: -0.010 min  
Response: 3608847  
Conc: 19.62 ug/ml



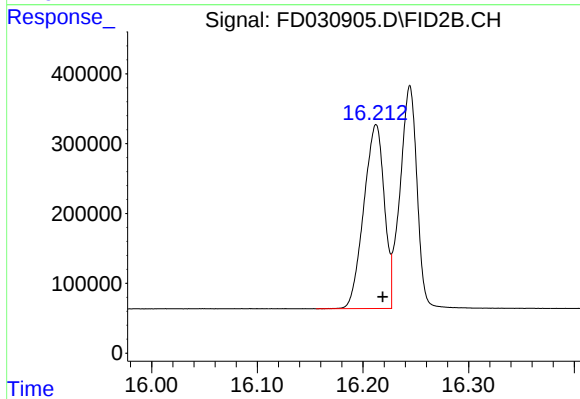
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min  
Delta R.T.: -0.008 min  
Response: 3404735  
Conc: 19.68 ug/ml



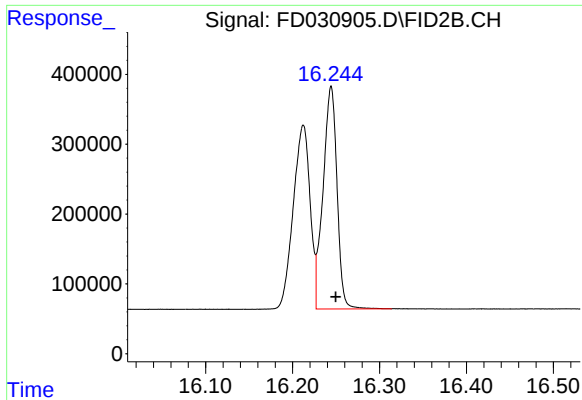
#15 Chrysene (C27.41)

R.T.: 14.707 min  
Delta R.T.: -0.007 min  
Response: 3550751  
Conc: 20.01 ug/ml



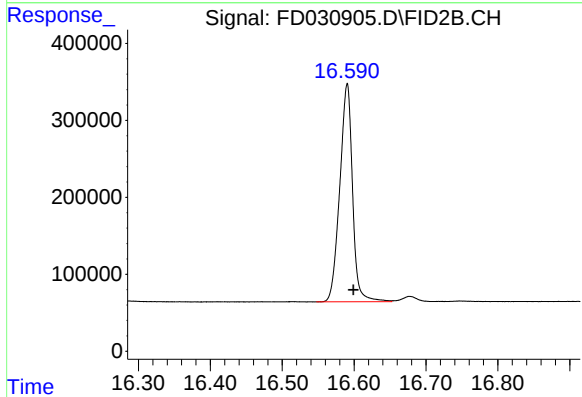
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.212 min  
Delta R.T.: -0.006 min  
Response: 3550057  
Conc: 21.08 ug/ml



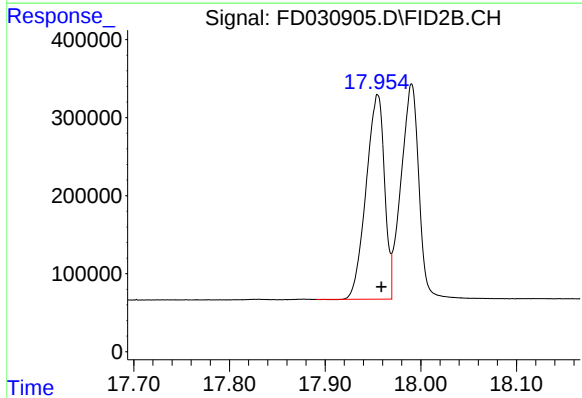
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.244 min  
Delta R.T.: -0.005 min  
Response: 3559854  
Conc: 20.89 ug/ml



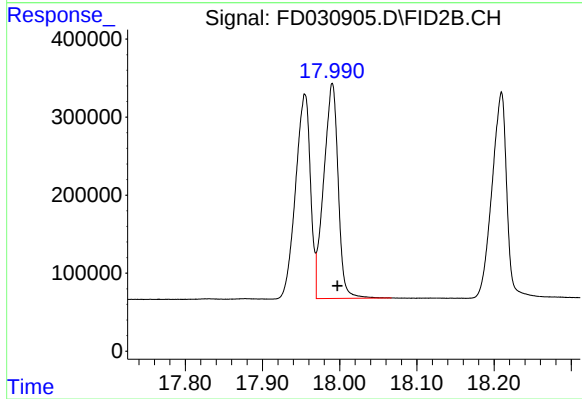
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.590 min  
Delta R.T.: -0.009 min  
Response: 3491374  
Conc: 21.27 ug/ml



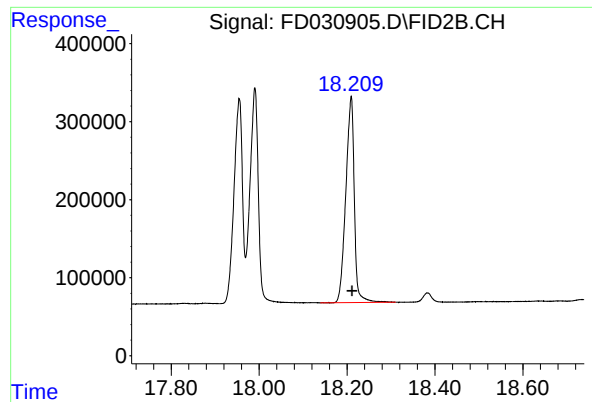
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min  
Delta R.T.: -0.004 min  
Response: 3498916  
Conc: 22.33 ug/ml



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

R.T.: 17.990 min  
Delta R.T.: -0.007 min  
Response: 3588350  
Conc: 22.93 ug/ml



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

R.T.: 18.209 min  
Delta R.T.: -0.002 min  
Response: 3537395  
Conc: 22.97 ug/ml