

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021023AR\  
 Data File : FD045001.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Feb 2023 14:24  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 13 06:23:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 2023  
 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...      | 7.553  | 2669753    | 18.204 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.41%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.409  | 1802640    | 18.060 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.12%       |
| 11) S ortho-Terphenyl (SURR)       | 11.450 | 3351969    | 18.035 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.07%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.360  | 2930001    | 18.355 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.892  | 3106097    | 18.332 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.941  | 3131740    | 18.255 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.213  | 2878174    | 18.316 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.508  | 3027739    | 18.210 ug/ml |
| 8) T Flouorene (C16.55)            | 9.287  | 2973778    | 18.118 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.679 | 2932131    | 18.135 ug/ml |
| 10) T Anthracene (C19.43)          | 10.753 | 2743490    | 18.506 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.484 | 2874915    | 17.963 ug/ml |
| 13) T Pyrene (C20.8)               | 12.779 | 2808659    | 17.899 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.644 | 2517178    | 17.637 ug/ml |
| 15) T Chrysene (C27.41)            | 14.687 | 2626193    | 17.737 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.187 | 2575968    | 17.757 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.219 | 2531311    | 17.755 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.562 | 2497173    | 17.870 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.919 | 2441610    | 18.144 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.962 | 2396496    | 18.084 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.173 | 2466632    | 18.141 ug/ml |
| -----                              |        |            |              |

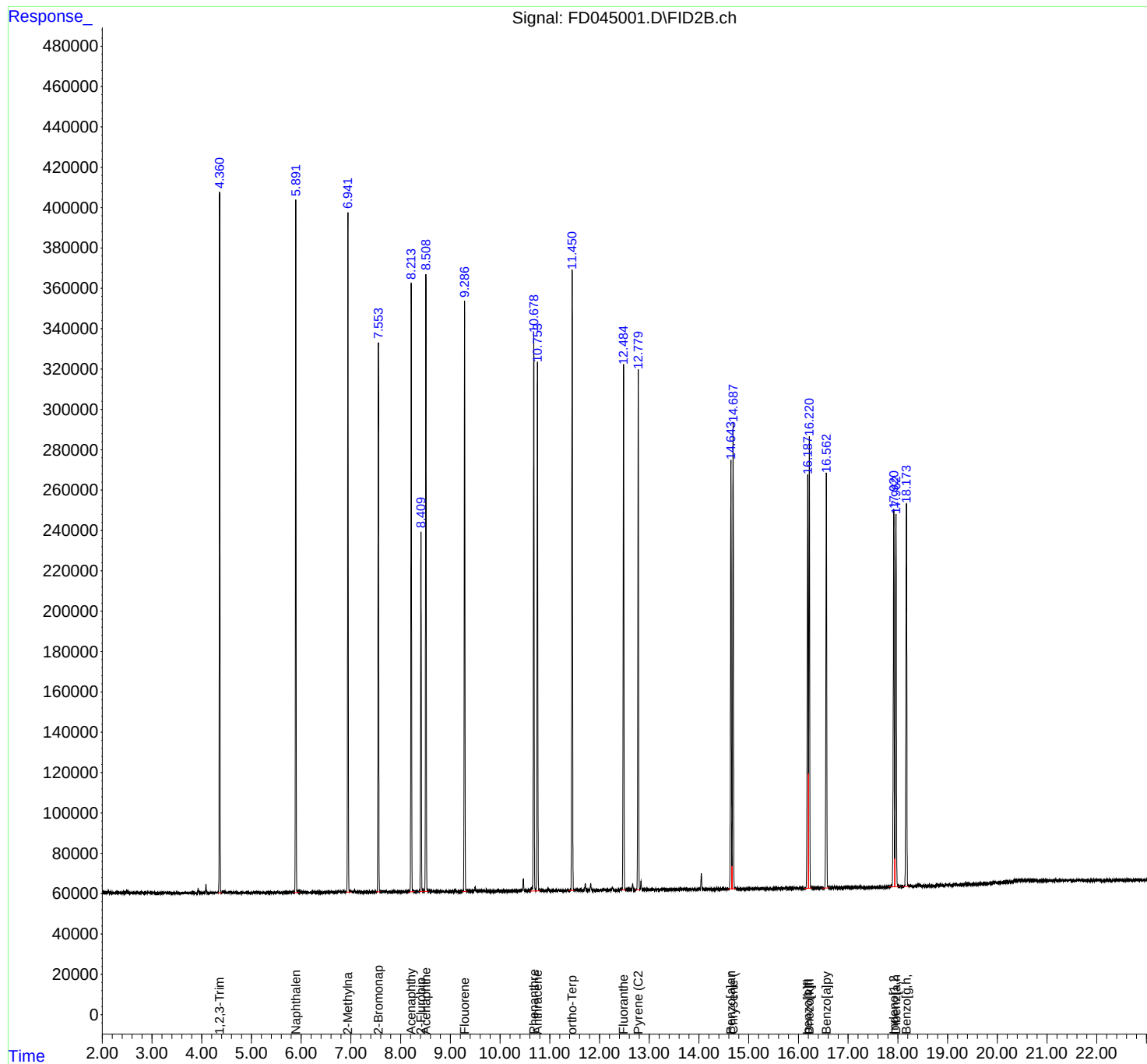
(f)=RT Delta > 1/2 Window

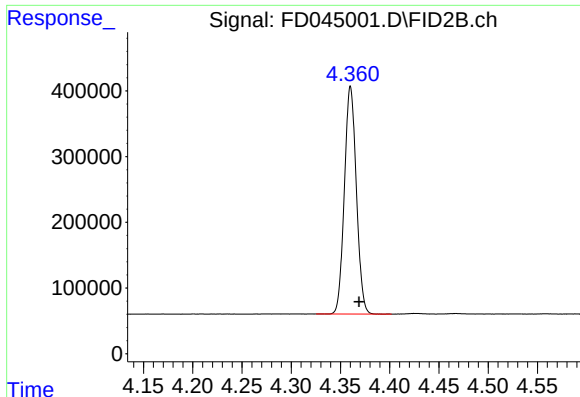
(m)=manual int.

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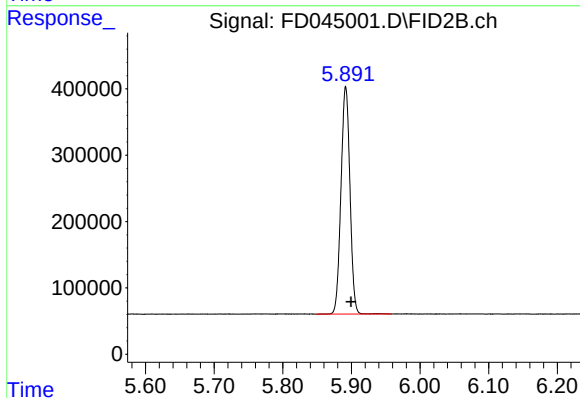
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





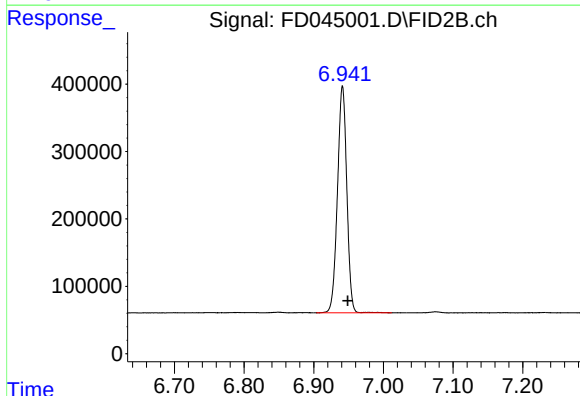
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.360 min  
Delta R.T.: -0.009 min  
Response: 2930001  
Conc: 18.36 ug/ml



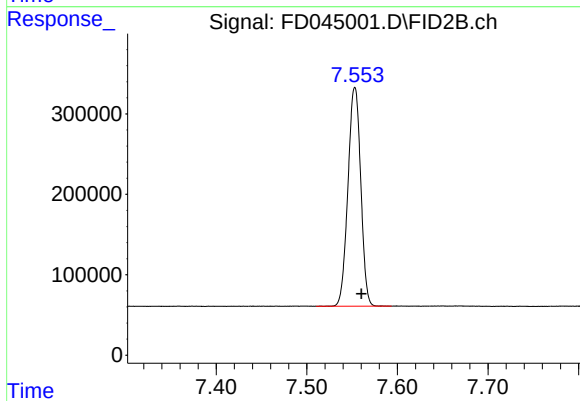
#2 Naphthalene (C11.7)

R.T.: 5.892 min  
Delta R.T.: -0.008 min  
Response: 3106097  
Conc: 18.33 ug/ml



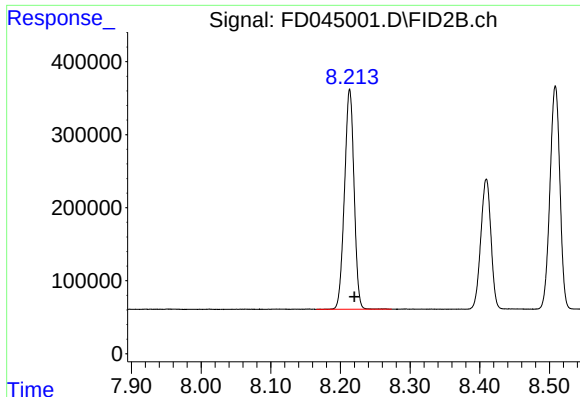
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.941 min  
Delta R.T.: -0.007 min  
Response: 3131740  
Conc: 18.25 ug/ml



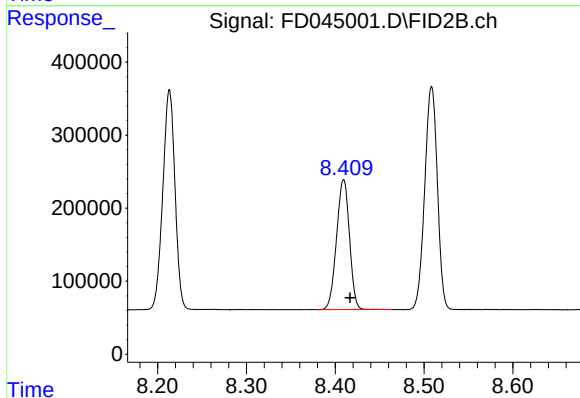
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min  
Delta R.T.: -0.007 min  
Response: 2669753  
Conc: 18.20 ug/ml



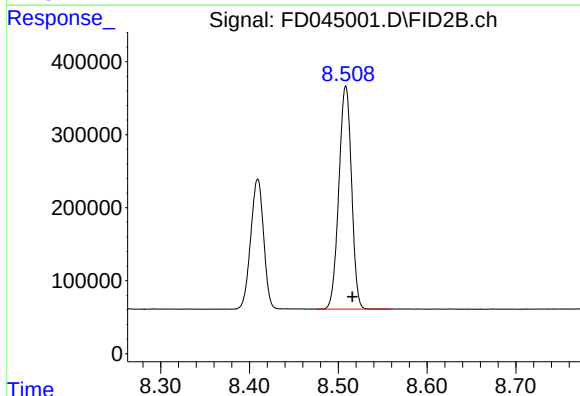
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min  
Delta R.T.: -0.007 min  
Response: 2878174  
Conc: 18.32 ug/ml



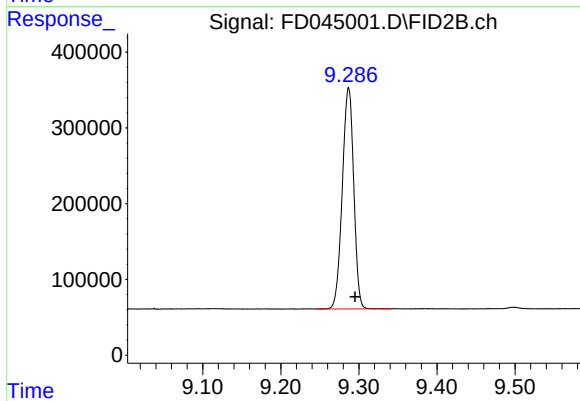
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min  
Delta R.T.: -0.007 min  
Response: 1802640  
Conc: 18.06 ug/ml



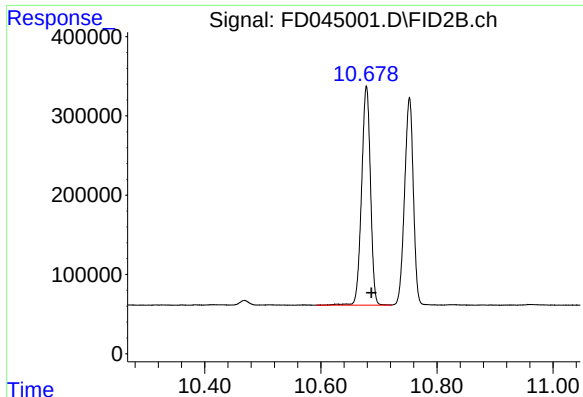
#7 Acenaphthene (C15.5)

R.T.: 8.508 min  
Delta R.T.: -0.007 min  
Response: 3027739  
Conc: 18.21 ug/ml



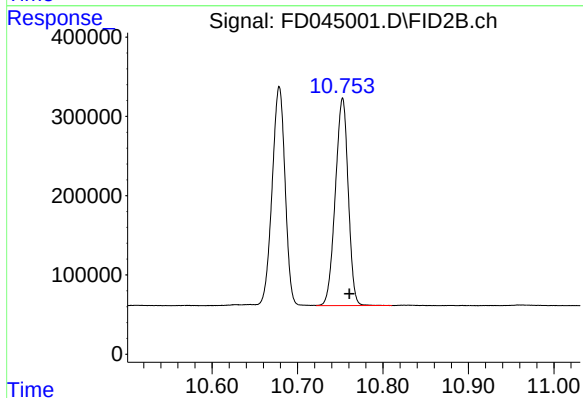
#8 Flouorene (C16.55)

R.T.: 9.287 min  
Delta R.T.: -0.008 min  
Response: 2973778  
Conc: 18.12 ug/ml



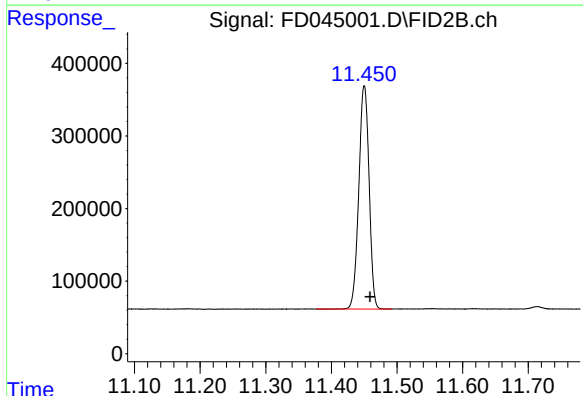
#9 Phenanthrene (C19.36)

R.T.: 10.679 min  
Delta R.T.: -0.009 min  
Response: 2932131  
Conc: 18.14 ug/ml



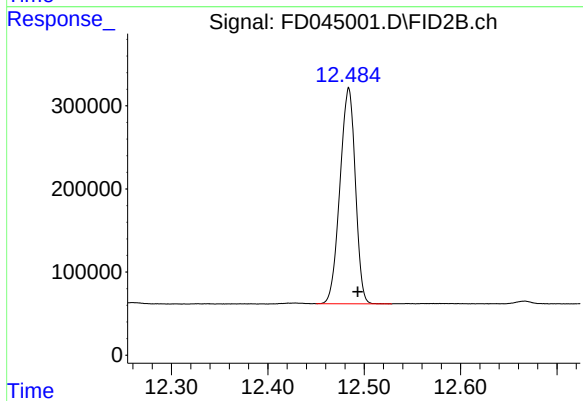
#10 Anthracene (C19.43)

R.T.: 10.753 min  
Delta R.T.: -0.008 min  
Response: 2743490  
Conc: 18.51 ug/ml



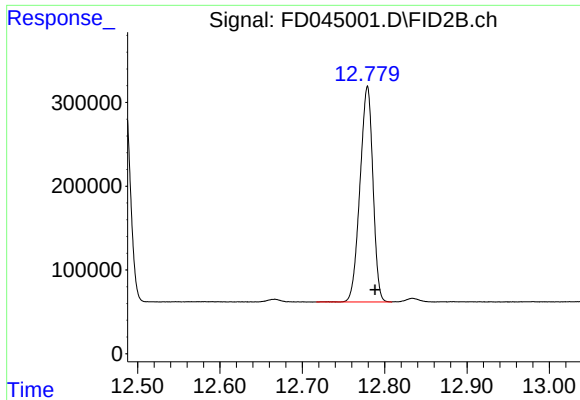
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min  
Delta R.T.: -0.009 min  
Response: 3351969  
Conc: 18.03 ug/ml



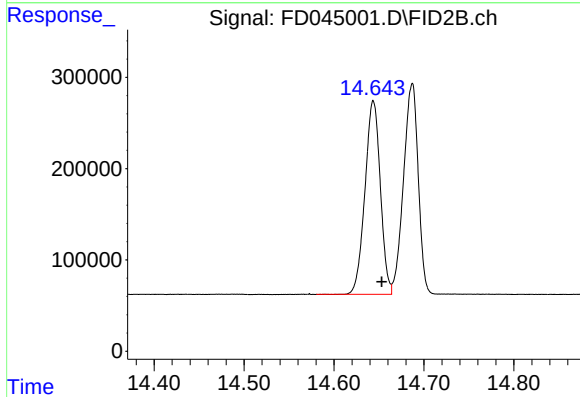
#12 Fluoranthene (C21.85)

R.T.: 12.484 min  
Delta R.T.: -0.009 min  
Response: 2874915  
Conc: 17.96 ug/ml



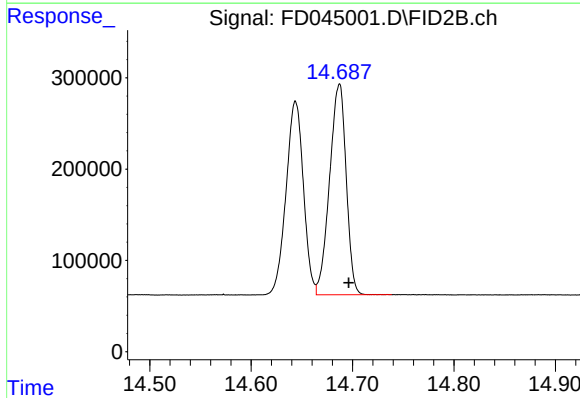
#13 Pyrene (C20.8)

R.T.: 12.779 min  
Delta R.T.: -0.010 min  
Response: 2808659  
Conc: 17.90 ug/ml



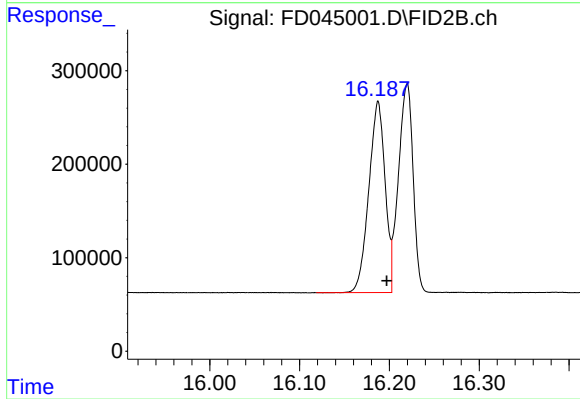
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min  
Delta R.T.: -0.010 min  
Response: 2517178  
Conc: 17.64 ug/ml



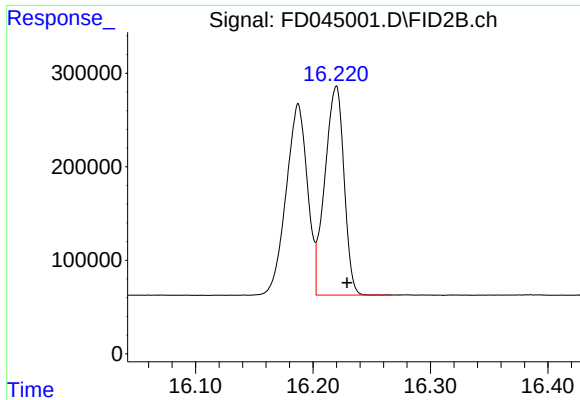
#15 Chrysene (C27.41)

R.T.: 14.687 min  
Delta R.T.: -0.010 min  
Response: 2626193  
Conc: 17.74 ug/ml



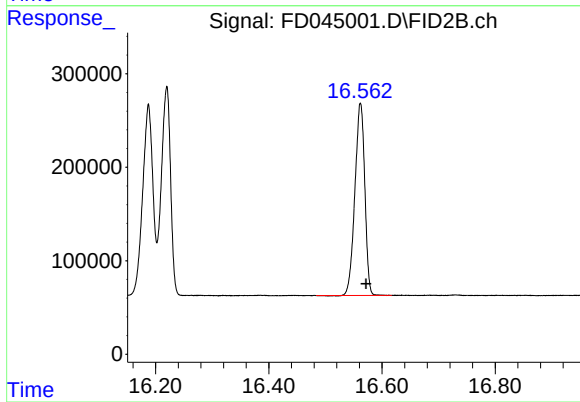
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.187 min  
Delta R.T.: -0.010 min  
Response: 2575968  
Conc: 17.76 ug/ml



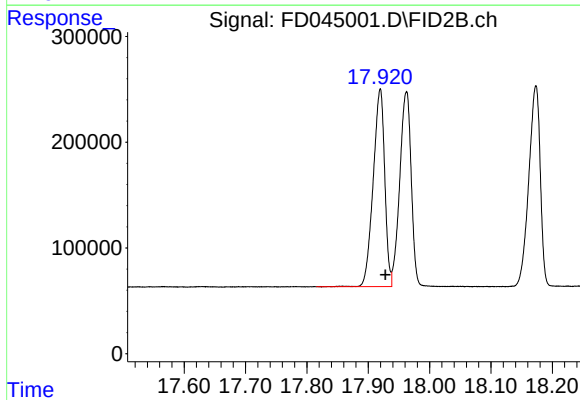
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.219 min  
Delta R.T.: -0.010 min  
Response: 2531311  
Conc: 17.75 ug/ml



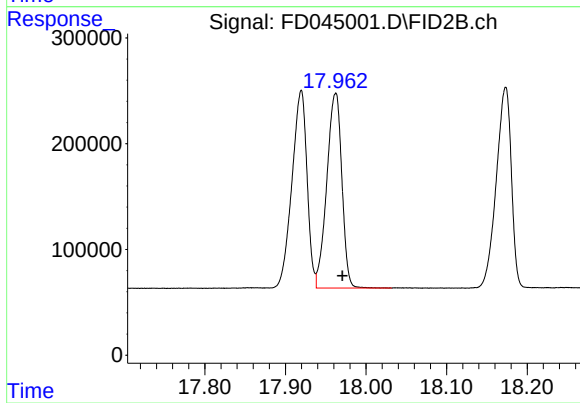
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min  
Delta R.T.: -0.010 min  
Response: 2497173  
Conc: 17.87 ug/ml



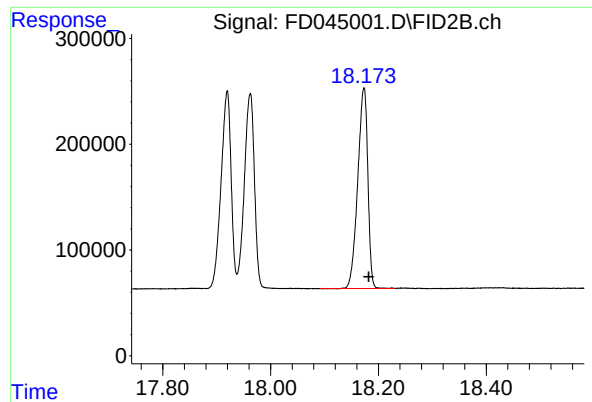
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min  
Delta R.T.: -0.009 min  
Response: 2441610  
Conc: 18.14 ug/ml



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

R.T.: 17.962 min  
Delta R.T.: -0.009 min  
Response: 2396496  
Conc: 18.08 ug/ml



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

R.T.: 18.173 min  
Delta R.T.: -0.009 min  
Response: 2466632  
Conc: 18.14 ug/ml