

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030424AR\  
 Data File : FD047379.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Mar 2024 12:26  
 Operator : YP/AJ  
 Sample : 5 PPM AROMATIC HC STD5  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 04 13:13:04 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 13:12:55 2024  
 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...      | 7.461  | 879106     | 5.323 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.65%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.315  | 537056     | 5.047 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 10.09%      |
| 11) S ortho-Terphenyl (SURR)       | 11.348 | 1006609    | 5.394 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 10.79%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.278  | 971050     | 5.464 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.803  | 972693     | 5.334 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.850  | 971095     | 5.325 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.116  | 890593     | 5.342 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.410  | 945052     | 5.364 ug/ml |
| 8) T Fluorene (C16.55)             | 9.190  | 877858     | 5.211 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.577 | 835887     | 5.161 ug/ml |
| 10) T Anthracene (C19.43)          | 10.653 | 734434     | 4.990 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.379 | 835512     | 5.241 ug/ml |
| 13) T Pyrene (C20.8)               | 12.672 | 813055     | 5.255 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.537 | 678015     | 5.002 ug/ml |
| 15) T Chrysene (C27.41)            | 14.577 | 812102     | 5.471 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.076 | 727172     | 5.180 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.108 | 772240     | 5.453 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.454 | 734922     | 5.320 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.812 | 584514     | 4.677 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.856 | 715445     | 5.425 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.059 | 701336     | 5.220 ug/ml |
| -----                              |        |            |             |

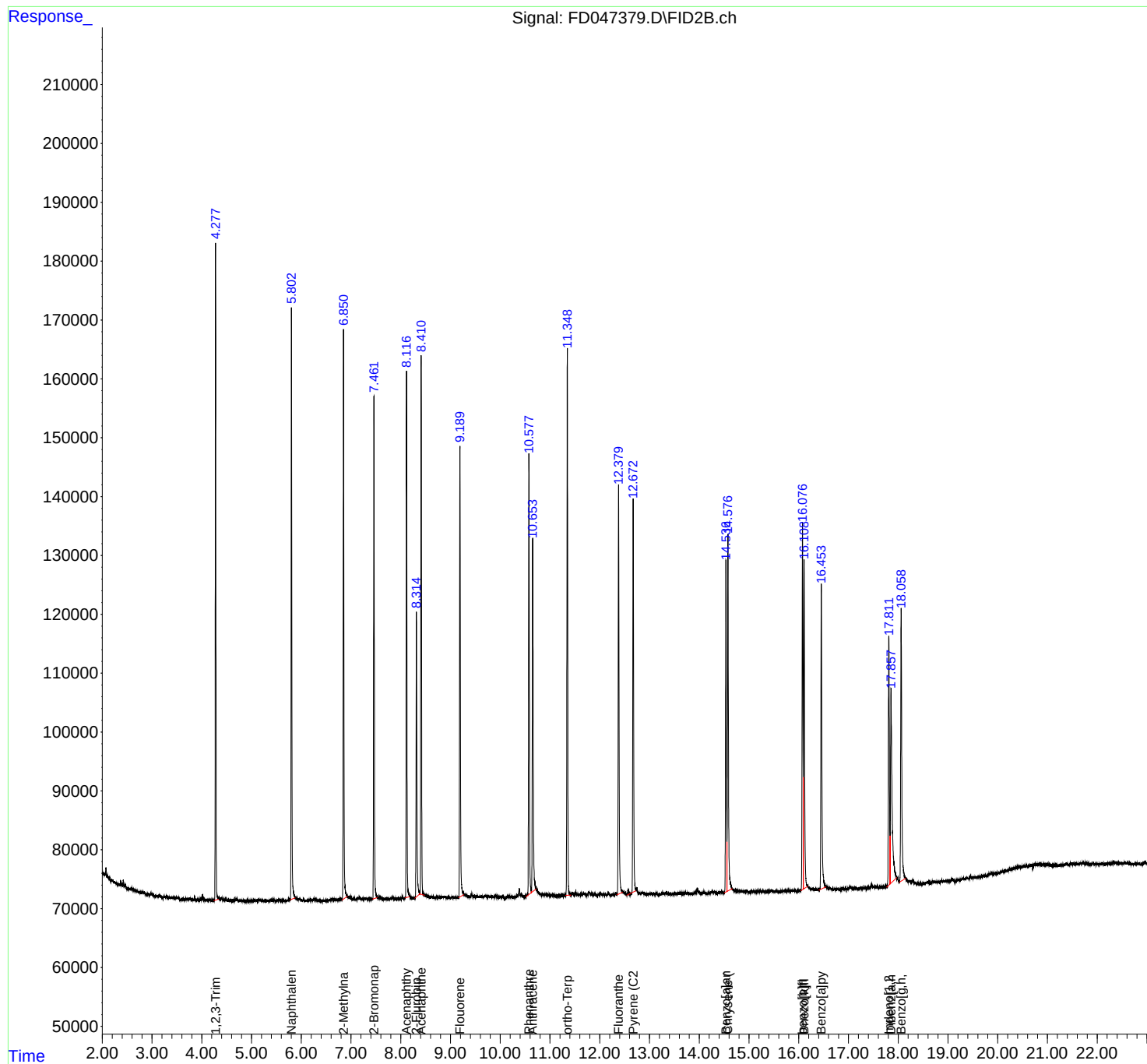
(f)=RT Delta > 1/2 Window

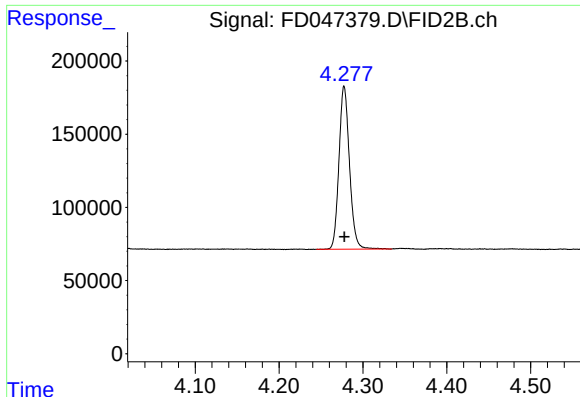
(m)=manual int.

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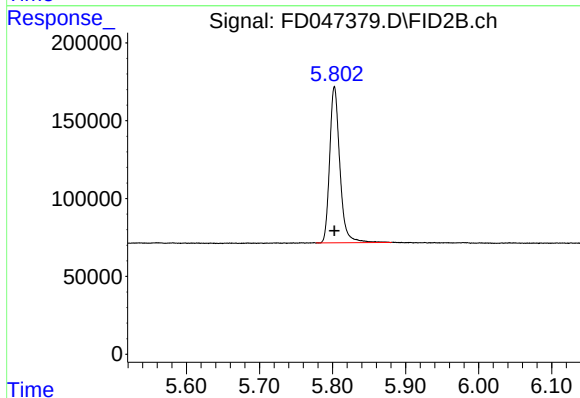
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





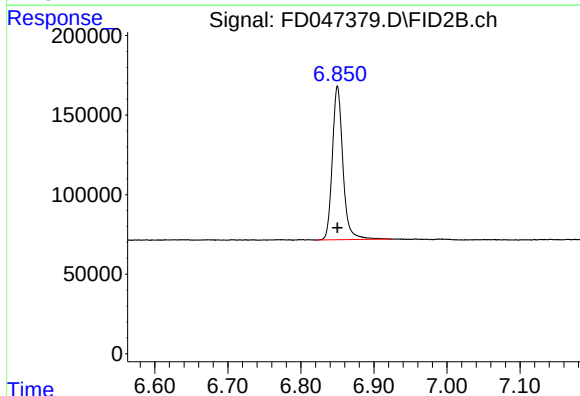
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min  
Delta R.T.: 0.000 min  
Response: 971050  
Conc: 5.46 ug/ml



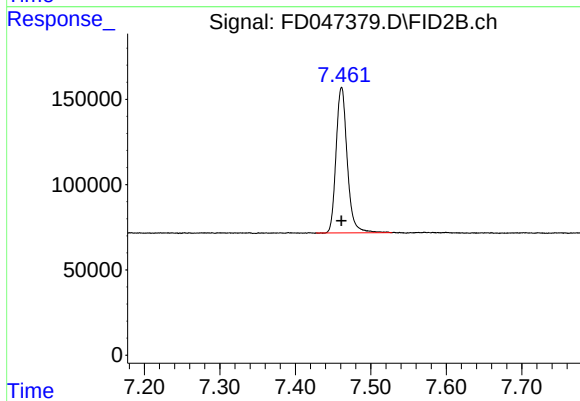
#2 Naphthalene (C11.7)

R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 972693  
Conc: 5.33 ug/ml



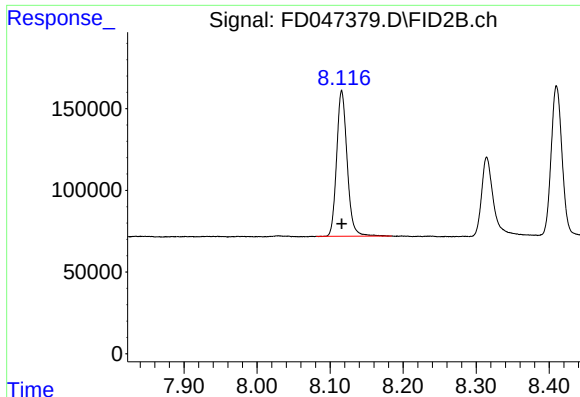
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 971095  
Conc: 5.32 ug/ml



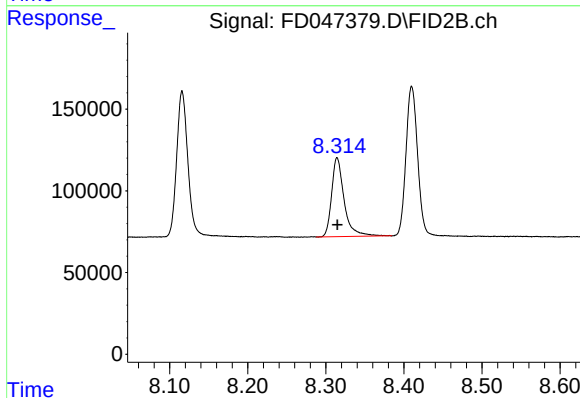
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 879106  
Conc: 5.32 ug/ml



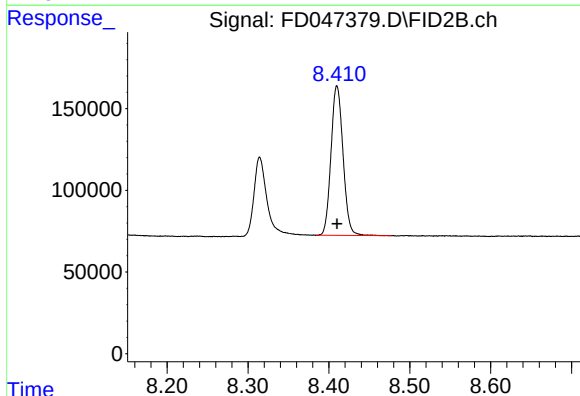
#5 Acenaphthylene (C15.06)

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 890593  
Conc: 5.34 ug/ml



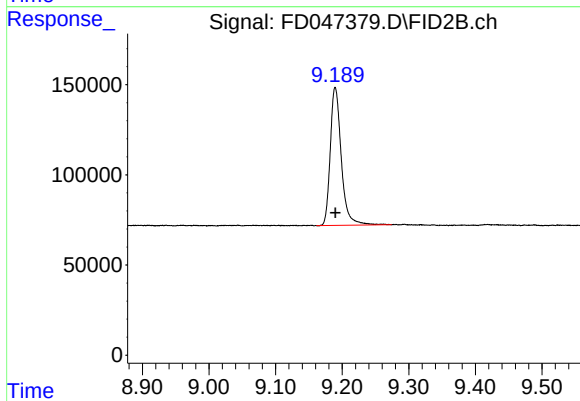
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min  
Delta R.T.: 0.000 min  
Response: 537056  
Conc: 5.05 ug/ml



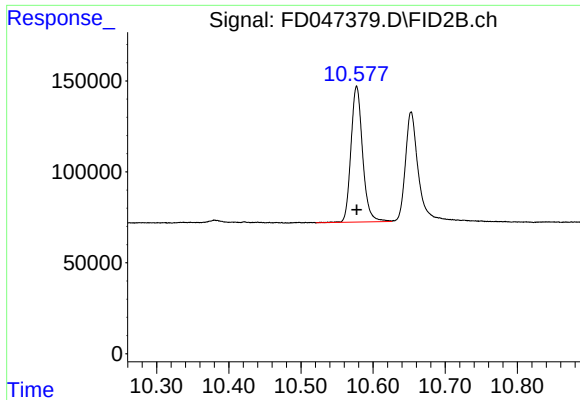
#7 Acenaphthene (C15.5)

R.T.: 8.410 min  
Delta R.T.: 0.000 min  
Response: 945052  
Conc: 5.36 ug/ml



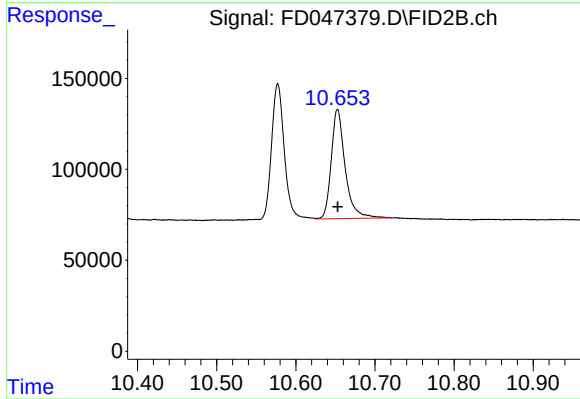
#8 Fluorene (C16.55)

R.T.: 9.190 min  
Delta R.T.: 0.000 min  
Response: 877858  
Conc: 5.21 ug/ml



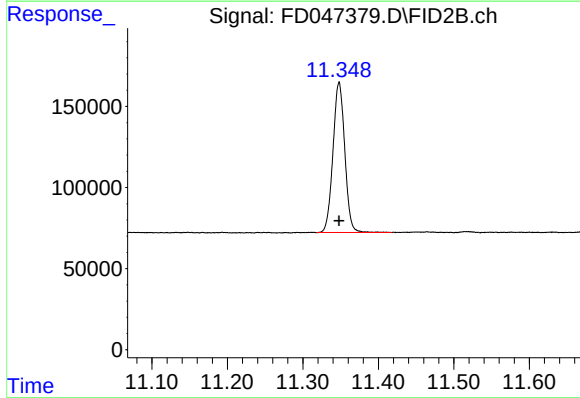
#9 Phenanthrene (C19.36)

R.T.: 10.577 min  
Delta R.T.: 0.000 min  
Response: 835887  
Conc: 5.16 ug/ml



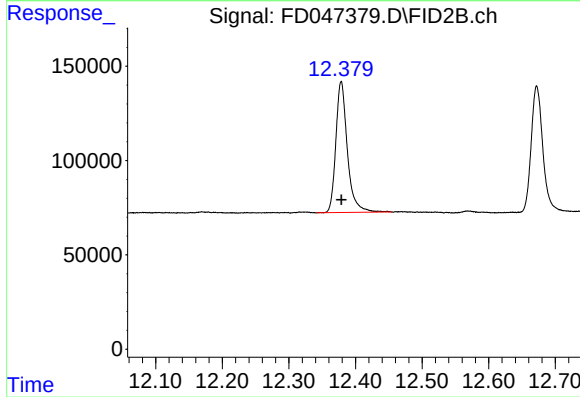
#10 Anthracene (C19.43)

R.T.: 10.653 min  
Delta R.T.: 0.000 min  
Response: 734434  
Conc: 4.99 ug/ml



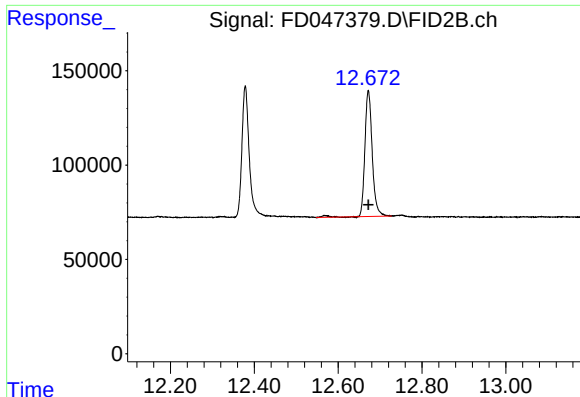
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min  
Delta R.T.: 0.000 min  
Response: 1006609  
Conc: 5.39 ug/ml



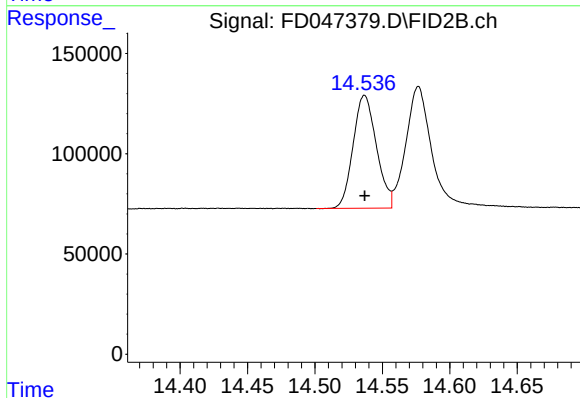
#12 Fluoranthene (C21.85)

R.T.: 12.379 min  
Delta R.T.: 0.000 min  
Response: 835512  
Conc: 5.24 ug/ml



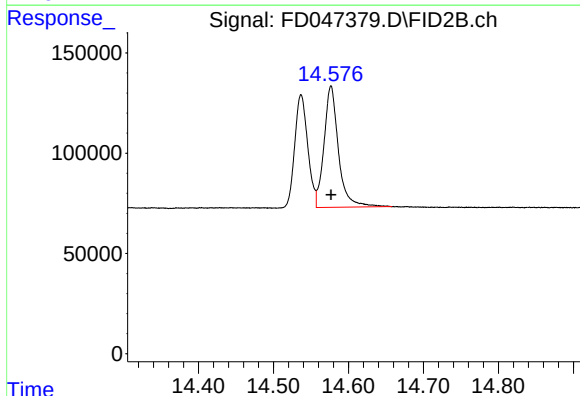
#13 Pyrene (C20.8)

R.T.: 12.672 min  
Delta R.T.: 0.000 min  
Response: 813055  
Conc: 5.26 ug/ml



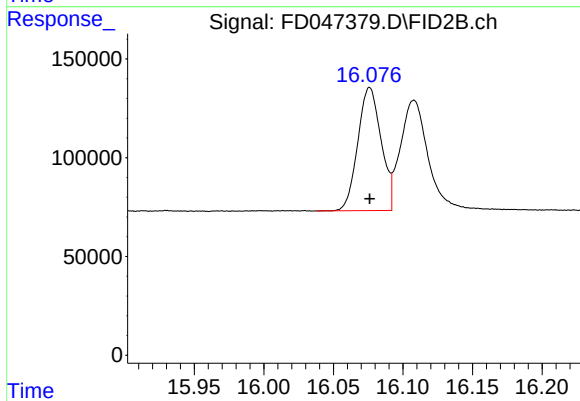
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.537 min  
Delta R.T.: 0.000 min  
Response: 678015  
Conc: 5.00 ug/ml



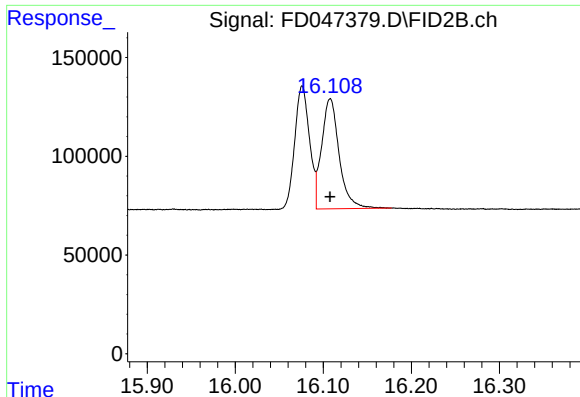
#15 Chrysene (C27.41)

R.T.: 14.577 min  
Delta R.T.: 0.000 min  
Response: 812102  
Conc: 5.47 ug/ml



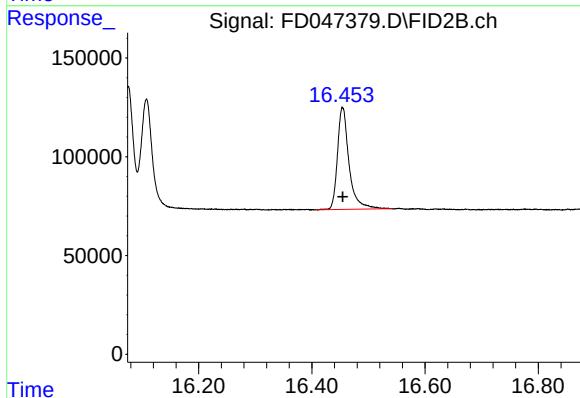
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min  
Delta R.T.: 0.000 min  
Response: 727172  
Conc: 5.18 ug/ml



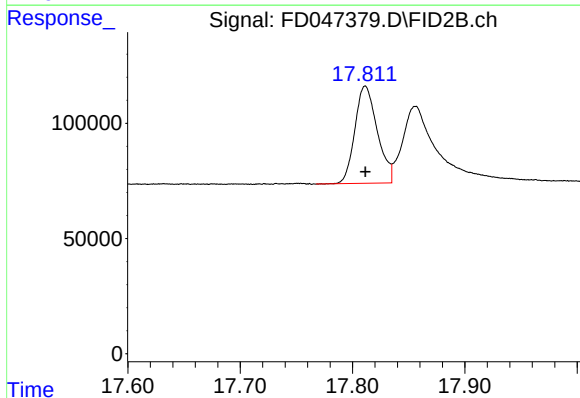
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min  
Delta R.T.: 0.000 min  
Response: 772240  
Conc: 5.45 ug/ml



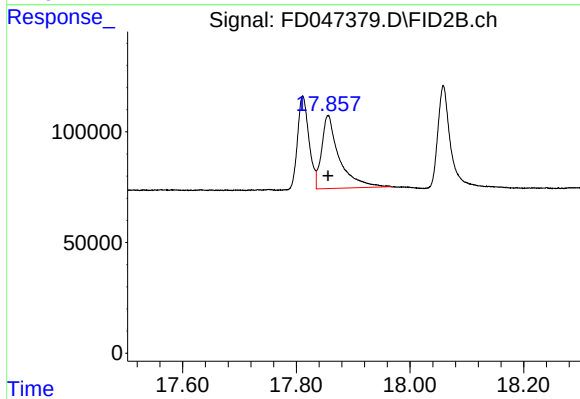
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min  
Delta R.T.: 0.000 min  
Response: 734922  
Conc: 5.32 ug/ml



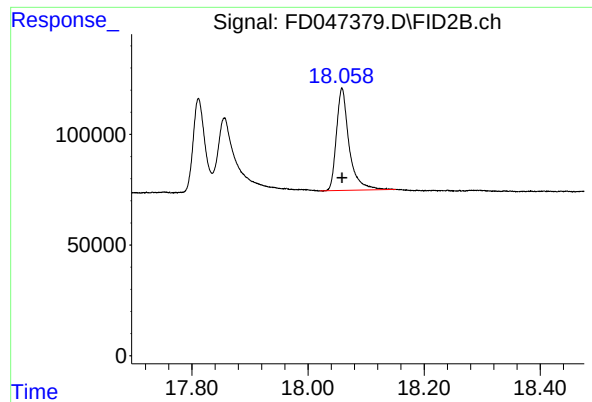
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min  
Delta R.T.: 0.000 min  
Response: 584514  
Conc: 4.68 ug/ml



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

R.T.: 17.856 min  
Delta R.T.: 0.000 min  
Response: 715445  
Conc: 5.43 ug/ml



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

R.T.: 18.059 min  
Delta R.T.: 0.000 min  
Response: 701336  
Conc: 5.22 ug/ml