

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011019AR\  
 Data File : FD027207.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Jan 2019 7:19  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 11 09:37:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 08 07:22:50 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...      | 7.362  | 1619293    | 17.142 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.28%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.212  | 1118596    | 17.541 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 35.08%       |
| 11) S ortho-Terphenyl (SURR)       | 11.253 | 1927219    | 18.080 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.170  | 1734709    | 17.110 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.699  | 1864097    | 17.220 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.748  | 1846930    | 17.287 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.016  | 1807756    | 17.576 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.311  | 1888825    | 17.533 ug/ml |
| 8) T Flouorene (C16.55)            | 9.089  | 1881175    | 17.668 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.477 | 1921212    | 18.211 ug/ml |
| 10) T Anthracene (C19.43)          | 10.551 | 1918287    | 18.380 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.281 | 2013867    | 19.337 ug/ml |
| 13) T Pyrene (C20.8)               | 12.575 | 2025384    | 19.615 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.442 | 1997400    | 20.366 ug/ml |
| 15) T Chrysene (C27.41)            | 14.483 | 2005460    | 20.398 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.986 | 2037647    | 20.158 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.018 | 2057646    | 20.358 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.361 | 2031010    | 20.084 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.722 | 1978683    | 18.960 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.765 | 1957585    | 19.110 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.975 | 2010891    | 19.074 ug/ml |
| -----                              |        |            |              |

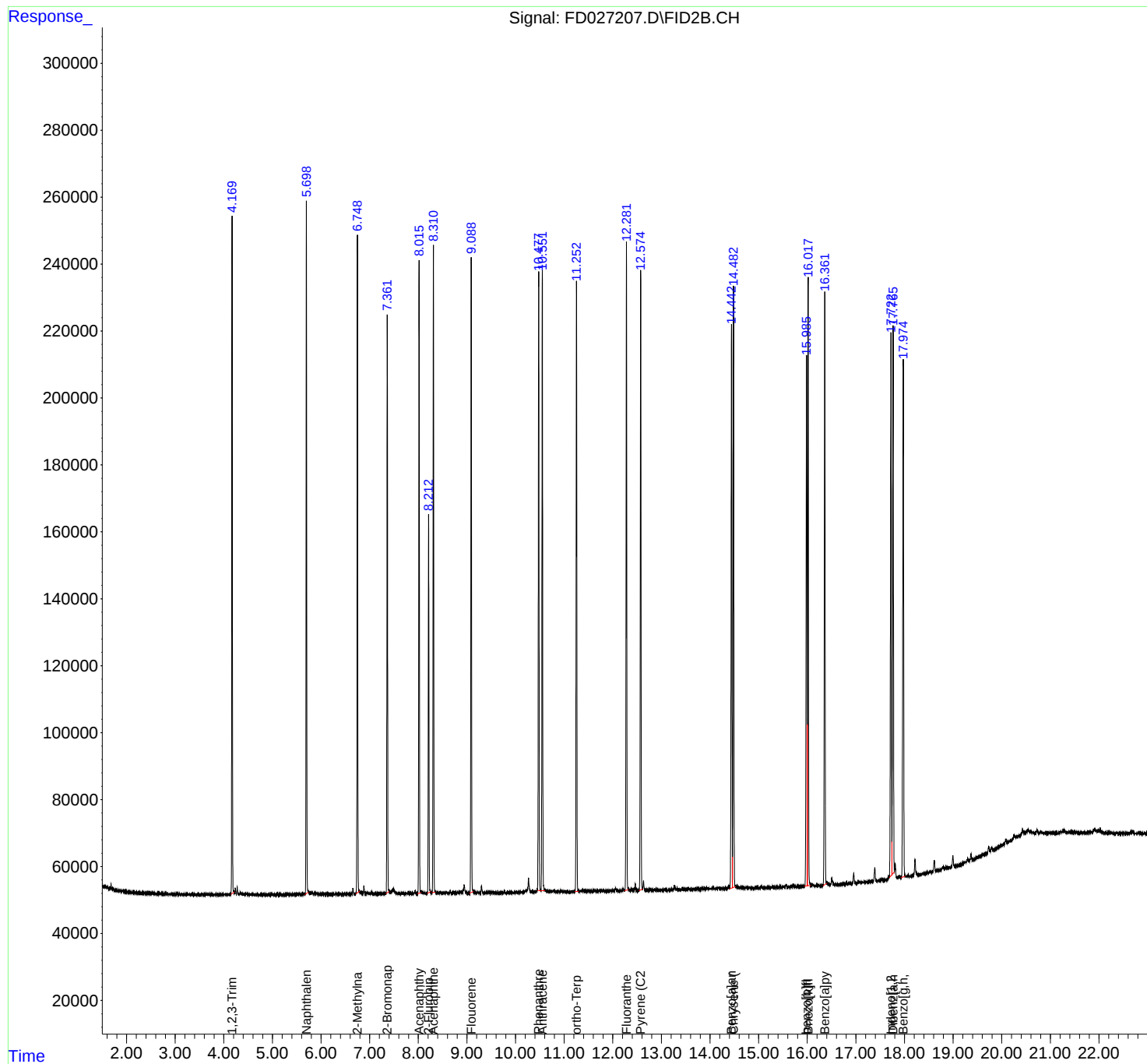
(f)=RT Delta > 1/2 Window

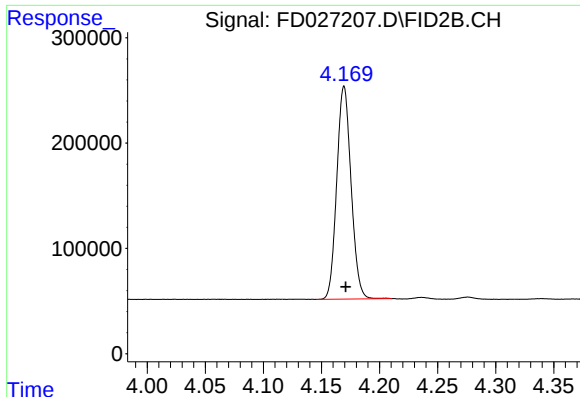
(m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011019AR\  
Data File : FD027207.D  
Signal(s) : FID2B.CH  
Acq On    : 11 Jan 2019    7:19  
Operator  : AJ\SJ  
Sample    : 20 PPM AROMATIC HC STD  
Misc      :  
ALS Vial  : 58    Sample Multiplier: 1
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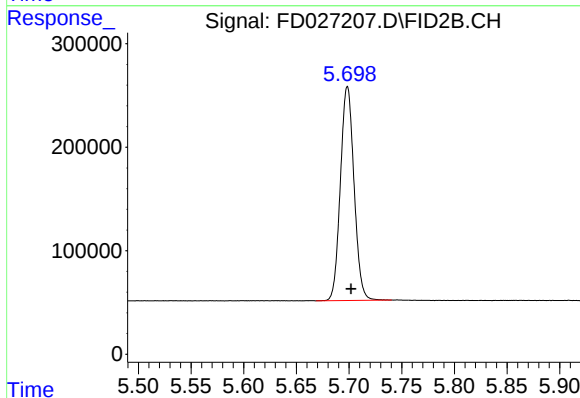
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





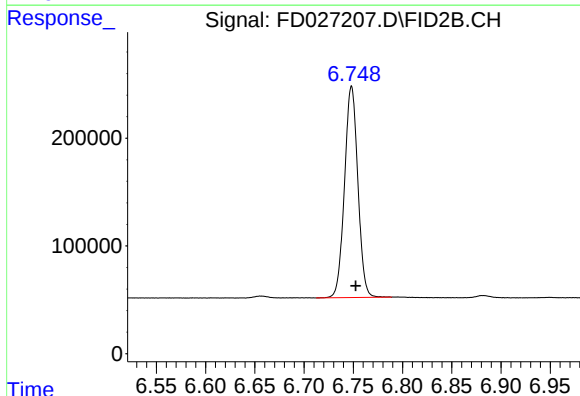
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min  
Delta R.T.: -0.002 min  
Response: 1734709  
Conc: 17.11 ug/ml



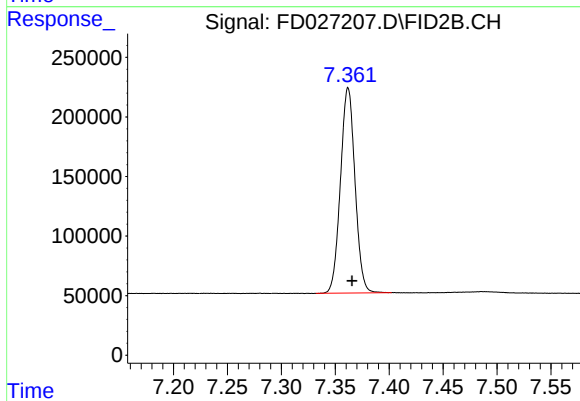
#2 Naphthalene (C11.7)

R.T.: 5.699 min  
Delta R.T.: -0.003 min  
Response: 1864097  
Conc: 17.22 ug/ml



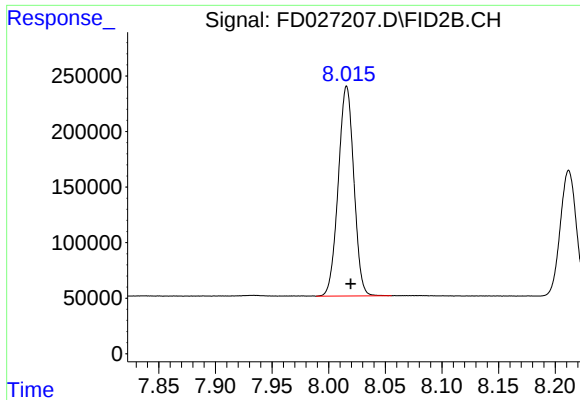
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min  
Delta R.T.: -0.004 min  
Response: 1846930  
Conc: 17.29 ug/ml



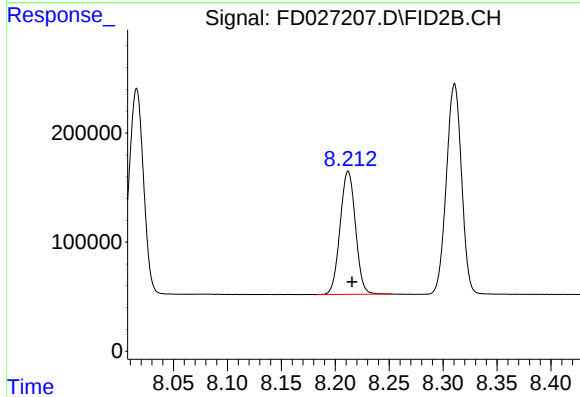
#4 2-Bromonaphthalene (SURR)

R.T.: 7.362 min  
Delta R.T.: -0.003 min  
Response: 1619293  
Conc: 17.14 ug/ml



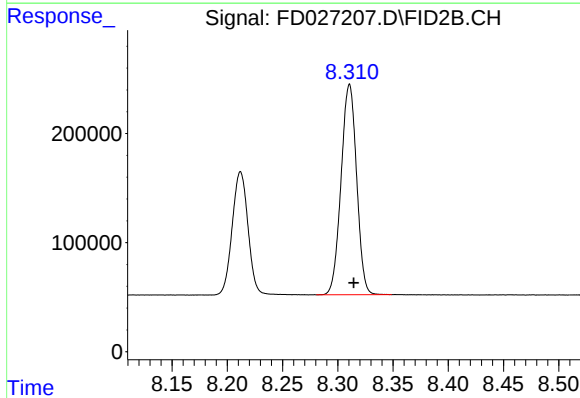
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min  
Delta R.T.: -0.004 min  
Response: 1807756  
Conc: 17.58 ug/ml



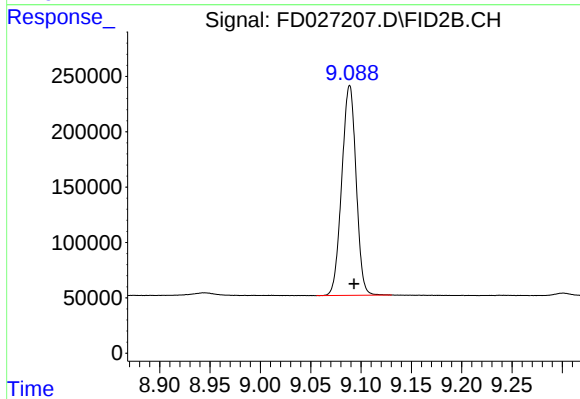
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min  
Delta R.T.: -0.003 min  
Response: 1118596  
Conc: 17.54 ug/ml



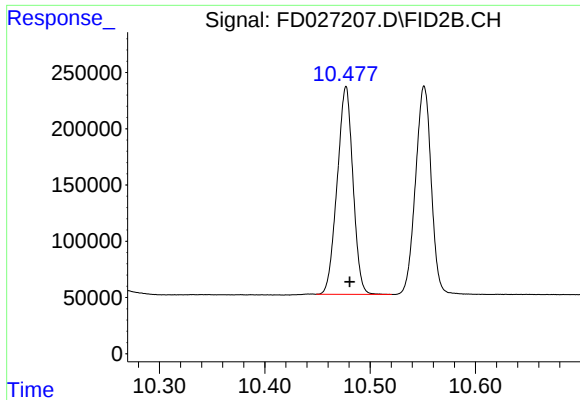
#7 Acenaphthene (C15.5)

R.T.: 8.311 min  
Delta R.T.: -0.004 min  
Response: 1888825  
Conc: 17.53 ug/ml



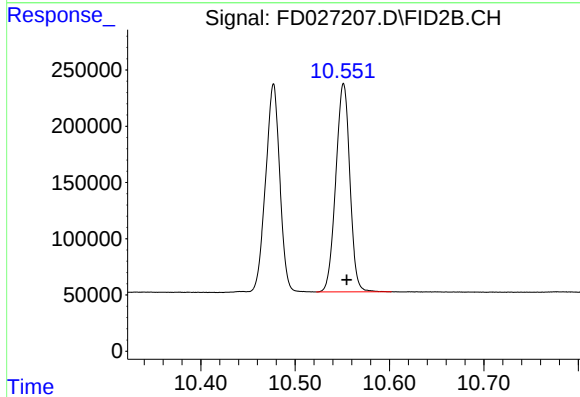
#8 Fluorene (C16.55)

R.T.: 9.089 min  
Delta R.T.: -0.004 min  
Response: 1881175  
Conc: 17.67 ug/ml



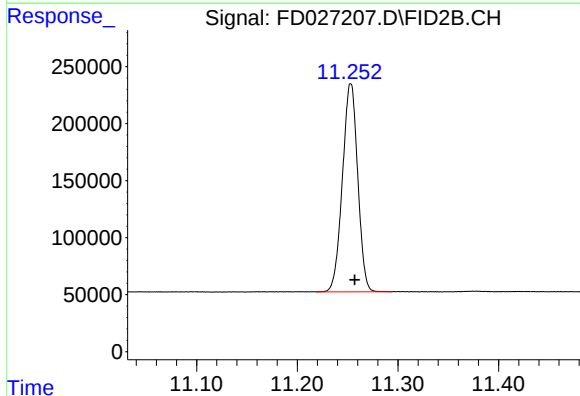
#9 Phenanthrene (C19.36)

R.T.: 10.477 min  
Delta R.T.: -0.004 min  
Response: 1921212  
Conc: 18.21 ug/ml



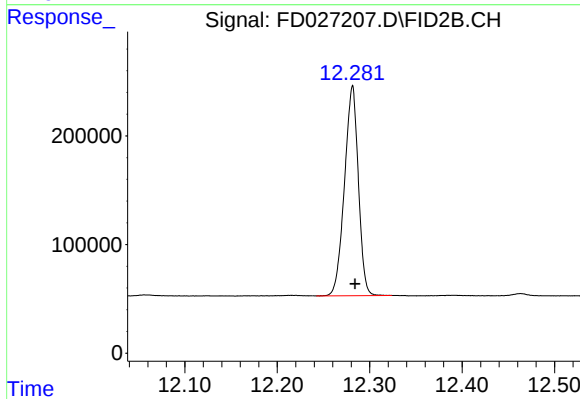
#10 Anthracene (C19.43)

R.T.: 10.551 min  
Delta R.T.: -0.004 min  
Response: 1918287  
Conc: 18.38 ug/ml



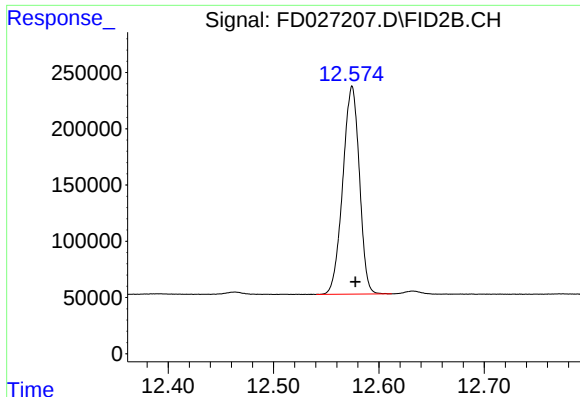
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min  
Delta R.T.: -0.004 min  
Response: 1927219  
Conc: 18.08 ug/ml



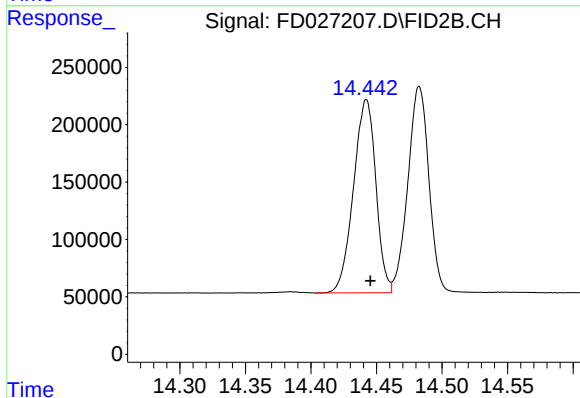
#12 Fluoranthene (C21.85)

R.T.: 12.281 min  
Delta R.T.: -0.003 min  
Response: 2013867  
Conc: 19.34 ug/ml



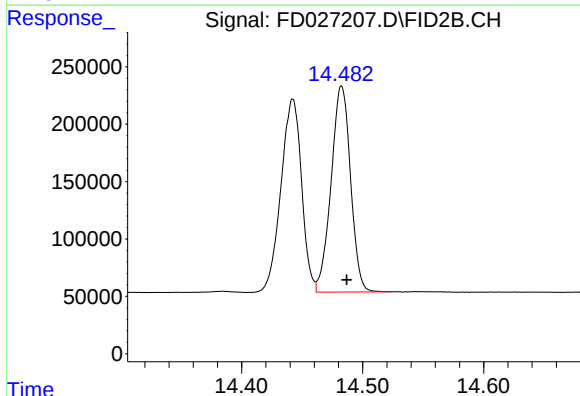
#13 Pyrene (C20.8)

R.T.: 12.575 min  
Delta R.T.: -0.003 min  
Response: 2025384  
Conc: 19.61 ug/ml



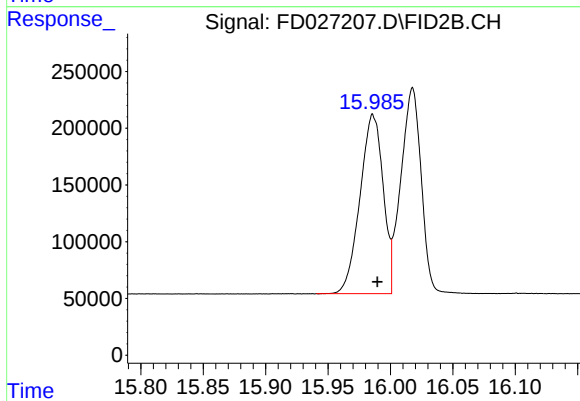
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.442 min  
Delta R.T.: -0.003 min  
Response: 1997400  
Conc: 20.37 ug/ml



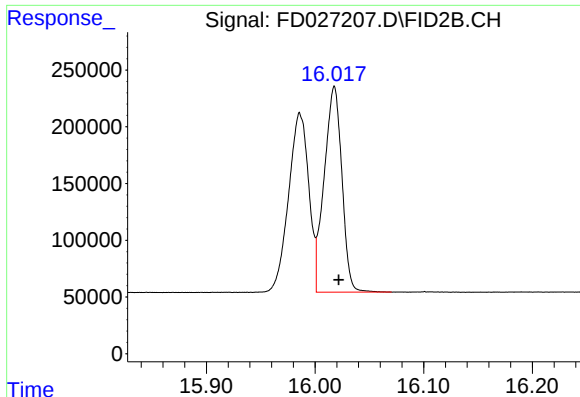
#15 Chrysene (C27.41)

R.T.: 14.483 min  
Delta R.T.: -0.004 min  
Response: 2005460  
Conc: 20.40 ug/ml



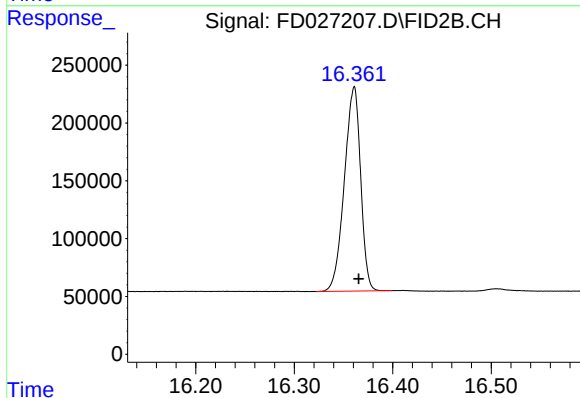
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min  
Delta R.T.: -0.004 min  
Response: 2037647  
Conc: 20.16 ug/ml



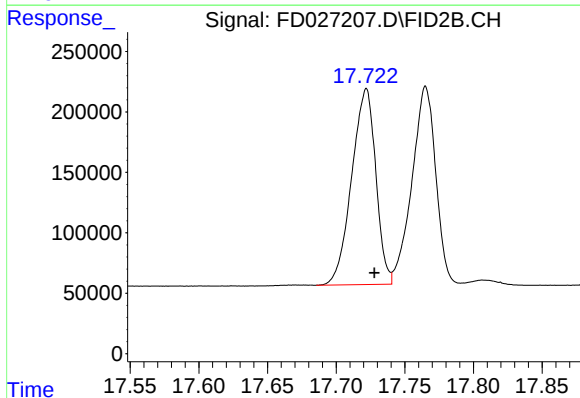
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.018 min  
Delta R.T.: -0.004 min  
Response: 2057646  
Conc: 20.36 ug/ml



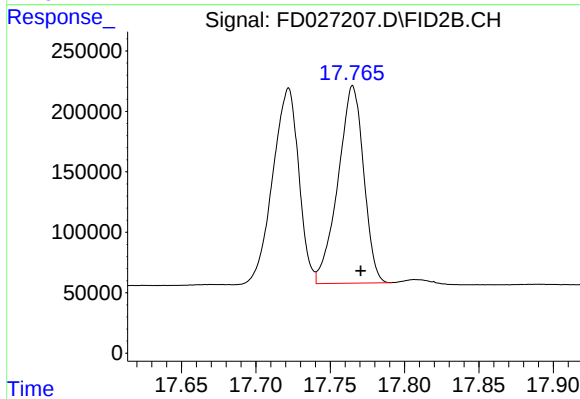
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min  
Delta R.T.: -0.005 min  
Response: 2031010  
Conc: 20.08 ug/ml



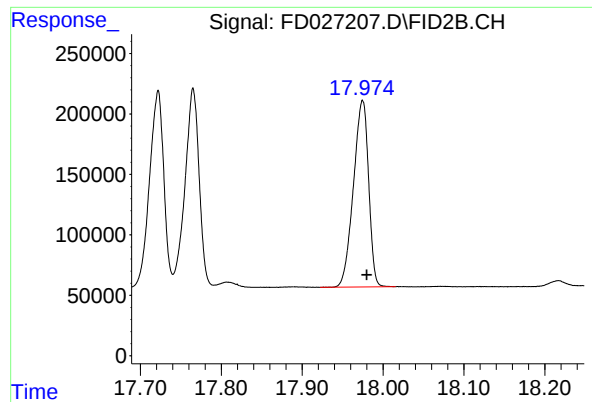
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min  
Delta R.T.: -0.006 min  
Response: 1978683  
Conc: 18.96 ug/ml



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

R.T.: 17.765 min  
Delta R.T.: -0.005 min  
Response: 1957585  
Conc: 19.11 ug/ml



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

R.T.: 17.975 min  
Delta R.T.: -0.005 min  
Response: 2010891  
Conc: 19.07 ug/ml