

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD021119AR\  
 Data File : FD027651.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Feb 2019 10:40  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 12 01:20:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 05 01:03:41 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...      | 7.341  | 1618747    | 21.804 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.61%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.189  | 1112477    | 21.866 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.73%       |
| 11) S ortho-Terphenyl (SURR)       | 11.227 | 1931960    | 21.794 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.59%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.150  | 1568737    | 19.849 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.678  | 1793239    | 21.068 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.728  | 1826757    | 21.653 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.993  | 1821509    | 21.755 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.287  | 1922274    | 21.869 ug/ml |
| 8) T Flouorene (C16.55)            | 9.065  | 1879113    | 21.547 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.451 | 1849961    | 21.060 ug/ml |
| 10) T Anthracene (C19.43)          | 10.525 | 1825062    | 21.121 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.253 | 1876994    | 20.966 ug/ml |
| 13) T Pyrene (C20.8)               | 12.546 | 1878297    | 21.167 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.413 | 1861435    | 20.818 ug/ml |
| 15) T Chrysene (C27.41)            | 14.454 | 1890498    | 20.818 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.957 | 1941346    | 19.877 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.989 | 1976566    | 19.990 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.333 | 1910550    | 19.540 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.693 | 1894172    | 19.101 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.735 | 1943516    | 19.759 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.945 | 1932169    | 19.059 ug/ml |
| -----                              |        |            |              |

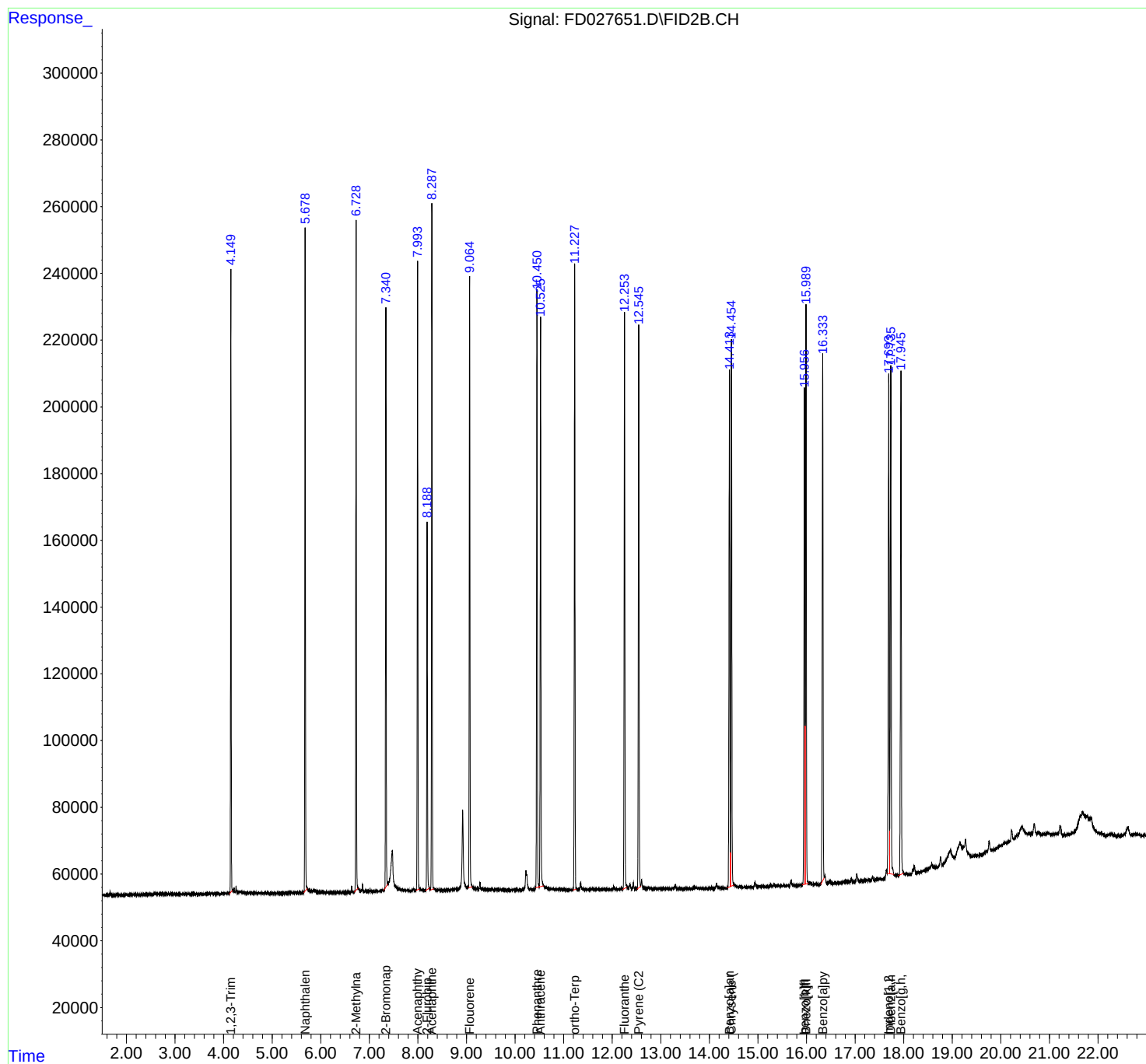
(f)=RT Delta > 1/2 Window

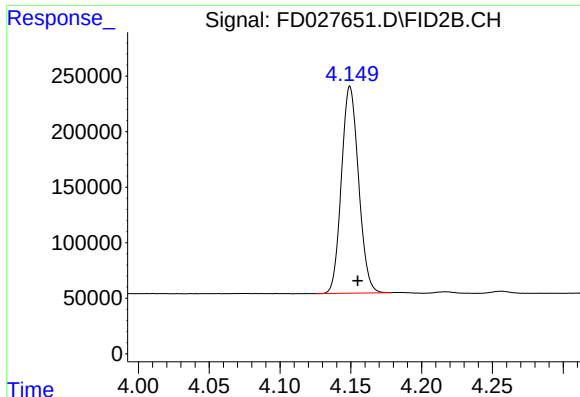
(m)=manual int.

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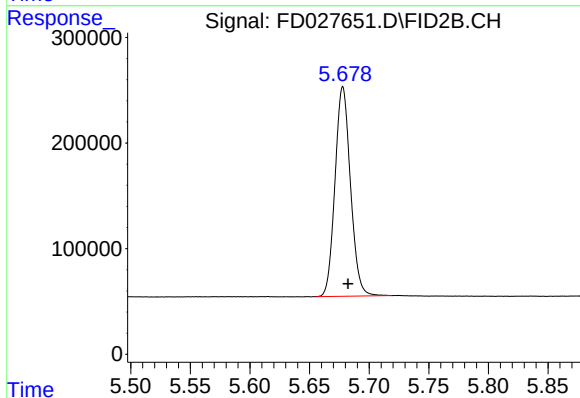
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





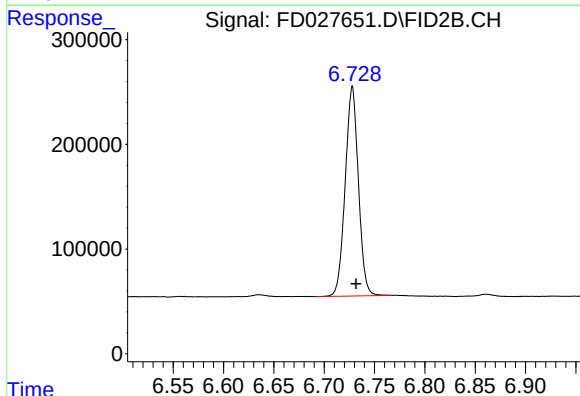
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.150 min  
Delta R.T.: -0.005 min  
Response: 1568737  
Conc: 19.85 ug/ml



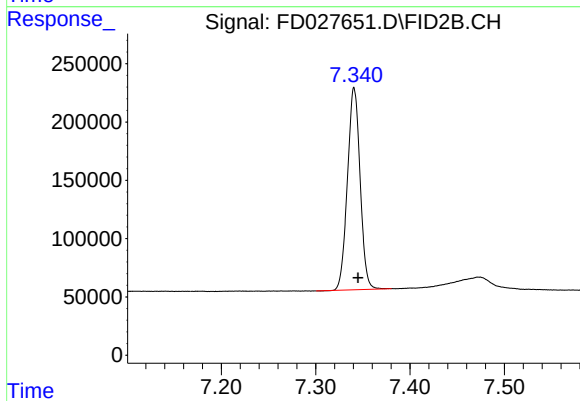
#2 Naphthalene (C11.7)

R.T.: 5.678 min  
Delta R.T.: -0.004 min  
Response: 1793239  
Conc: 21.07 ug/ml



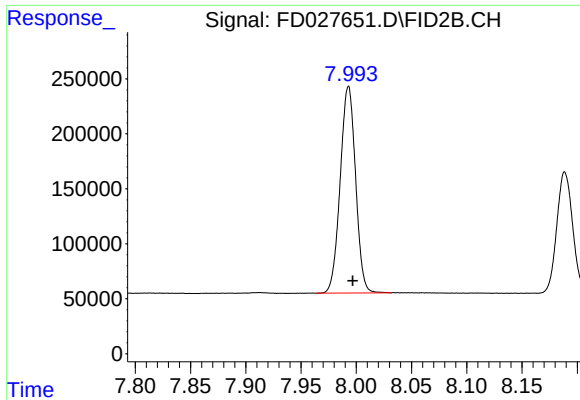
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.728 min  
Delta R.T.: -0.004 min  
Response: 1826757  
Conc: 21.65 ug/ml



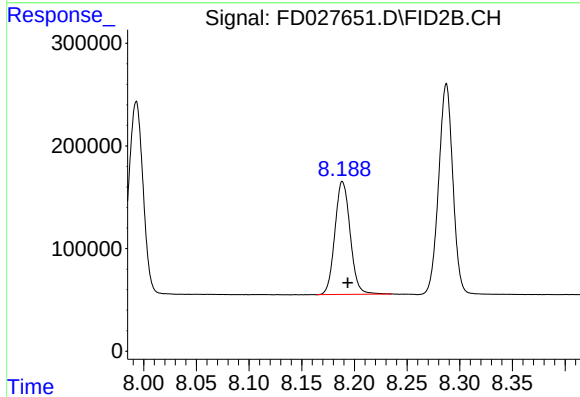
#4 2-Bromonaphthalene (SURR)

R.T.: 7.341 min  
Delta R.T.: -0.004 min  
Response: 1618747  
Conc: 21.80 ug/ml



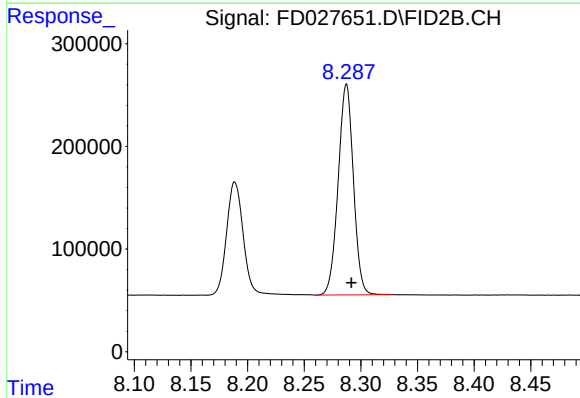
#5 Acenaphthylene (C15.06)

R.T.: 7.993 min  
Delta R.T.: -0.004 min  
Response: 1821509  
Conc: 21.75 ug/ml



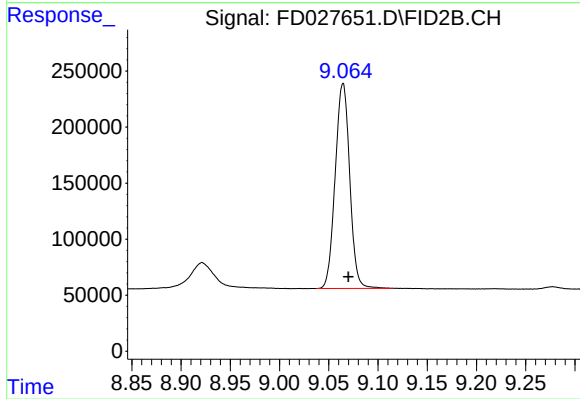
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min  
Delta R.T.: -0.005 min  
Response: 1112477  
Conc: 21.87 ug/ml



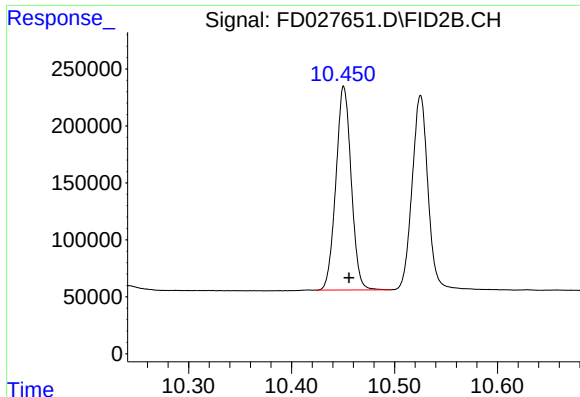
#7 Acenaphthene (C15.5)

R.T.: 8.287 min  
Delta R.T.: -0.004 min  
Response: 1922274  
Conc: 21.87 ug/ml



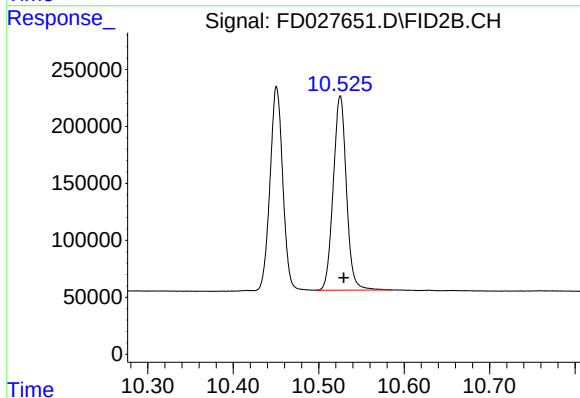
#8 Fluorene (C16.55)

R.T.: 9.065 min  
Delta R.T.: -0.005 min  
Response: 1879113  
Conc: 21.55 ug/ml



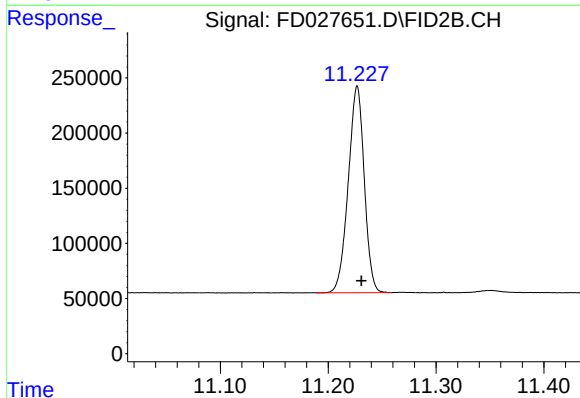
#9 Phenanthrene (C19.36)

R.T.: 10.451 min  
Delta R.T.: -0.005 min  
Response: 1849961  
Conc: 21.06 ug/ml



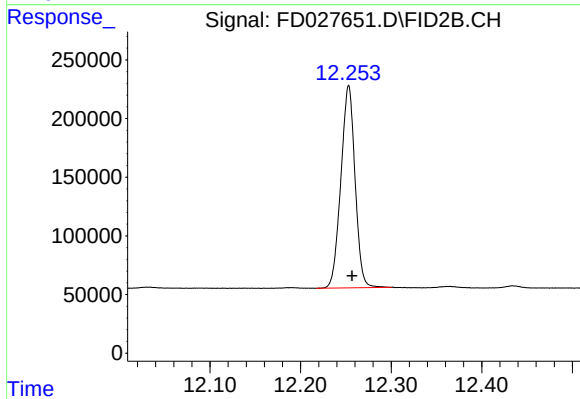
#10 Anthracene (C19.43)

R.T.: 10.525 min  
Delta R.T.: -0.004 min  
Response: 1825062  
Conc: 21.12 ug/ml



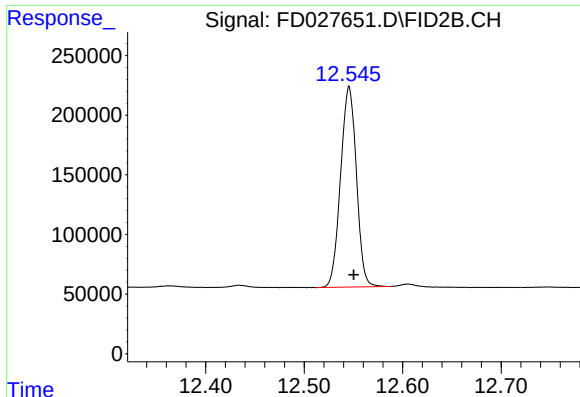
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min  
Delta R.T.: -0.004 min  
Response: 1931960  
Conc: 21.79 ug/ml



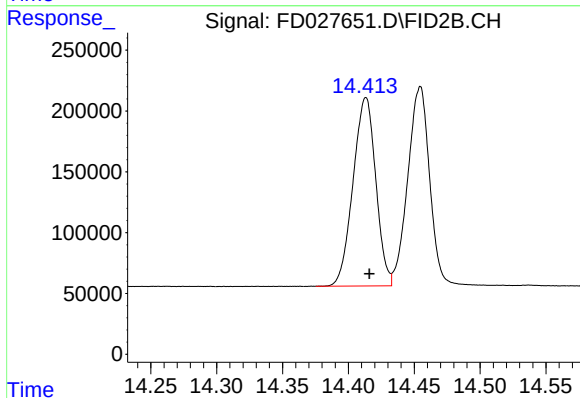
#12 Fluoranthene (C21.85)

R.T.: 12.253 min  
Delta R.T.: -0.004 min  
Response: 1876994  
Conc: 20.97 ug/ml



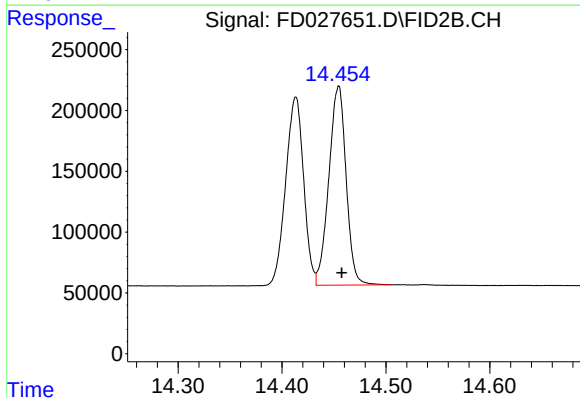
#13 Pyrene (C20.8)

R.T.: 12.546 min  
Delta R.T.: -0.005 min  
Response: 1878297  
Conc: 21.17 ug/ml



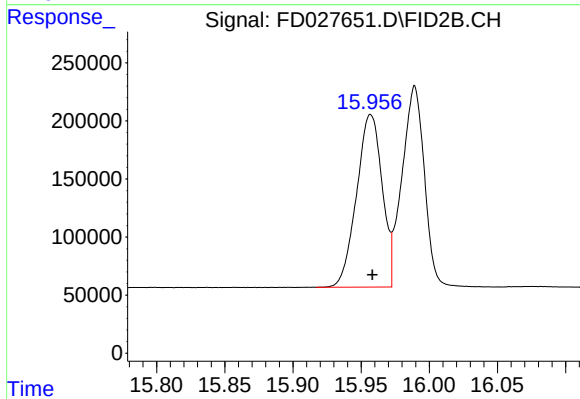
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min  
Delta R.T.: -0.003 min  
Response: 1861435  
Conc: 20.82 ug/ml



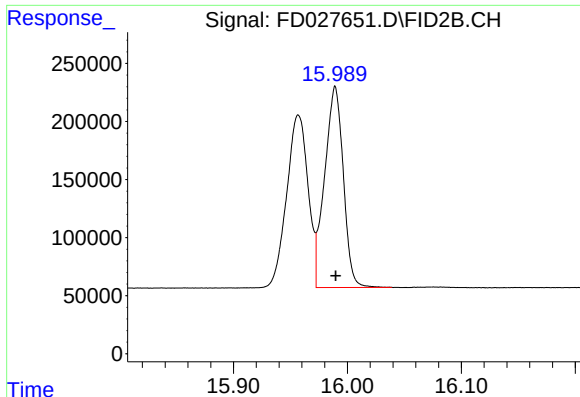
#15 Chrysene (C27.41)

R.T.: 14.454 min  
Delta R.T.: -0.003 min  
Response: 1890498  
Conc: 20.82 ug/ml



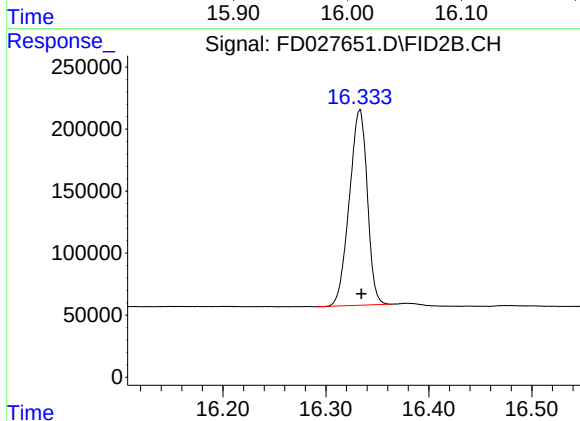
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.957 min  
Delta R.T.: -0.001 min  
Response: 1941346  
Conc: 19.88 ug/ml



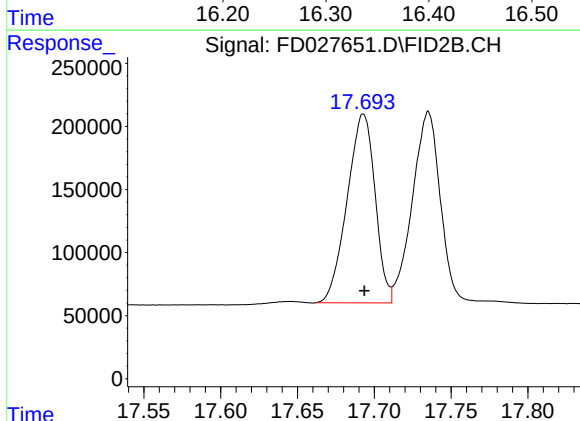
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min  
Delta R.T.: 0.000 min  
Response: 1976566  
Conc: 19.99 ug/ml



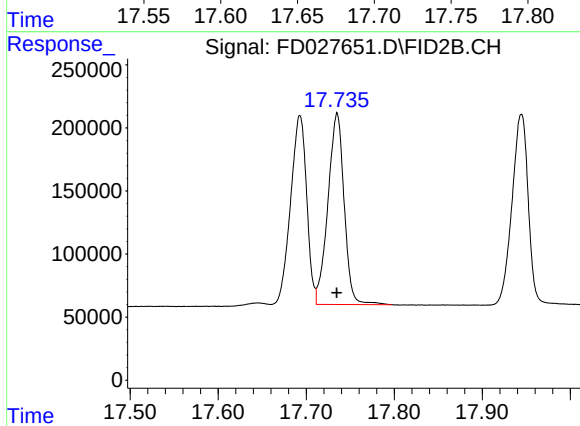
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min  
Delta R.T.: -0.002 min  
Response: 1910550  
Conc: 19.54 ug/ml



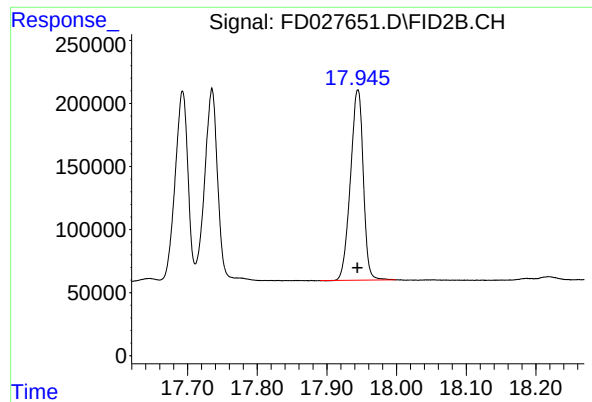
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min  
Delta R.T.: 0.000 min  
Response: 1894172  
Conc: 19.10 ug/ml



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

R.T.: 17.735 min  
Delta R.T.: 0.000 min  
Response: 1943516  
Conc: 19.76 ug/ml



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

R.T.: 17.945 min  
Delta R.T.: 0.000 min  
Response: 1932169  
Conc: 19.06 ug/ml