

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120318AR\  
 Data File : FD026703.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Dec 2018 10:43  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 04 04:16:36 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110818.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 08 18:15:51 2018  
 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...      | 7.381  | 1364465    | 17.971 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.94%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.231  | 947739     | 18.125 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.25%       |
| 11) S ortho-Terphenyl (SURR)       | 11.277 | 1562339    | 18.432 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.86%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.185  | 1587189    | 19.884 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.715  | 1656467    | 18.875 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.766  | 1599020    | 18.449 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.035  | 1552671    | 18.318 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.330  | 1616271    | 18.281 ug/ml |
| 8) T Flouorene (C16.55)            | 9.109  | 1586603    | 18.003 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.499 | 1623611    | 18.494 ug/ml |
| 10) T Anthracene (C19.43)          | 10.572 | 1613080    | 18.424 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.305 | 1730207    | 19.867 ug/ml |
| 13) T Pyrene (C20.8)               | 12.598 | 1767629    | 20.394 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.468 | 1766537    | 20.774 ug/ml |
| 15) T Chrysene (C27.41)            | 14.510 | 1800863    | 21.014 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.015 | 1915708    | 20.579 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.047 | 1908360    | 20.608 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.390 | 1898264    | 20.112 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.752 | 1849673    | 19.262 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.795 | 1712786    | 18.247 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.004 | 1924710    | 19.578 ug/ml |
| -----                              |        |            |              |

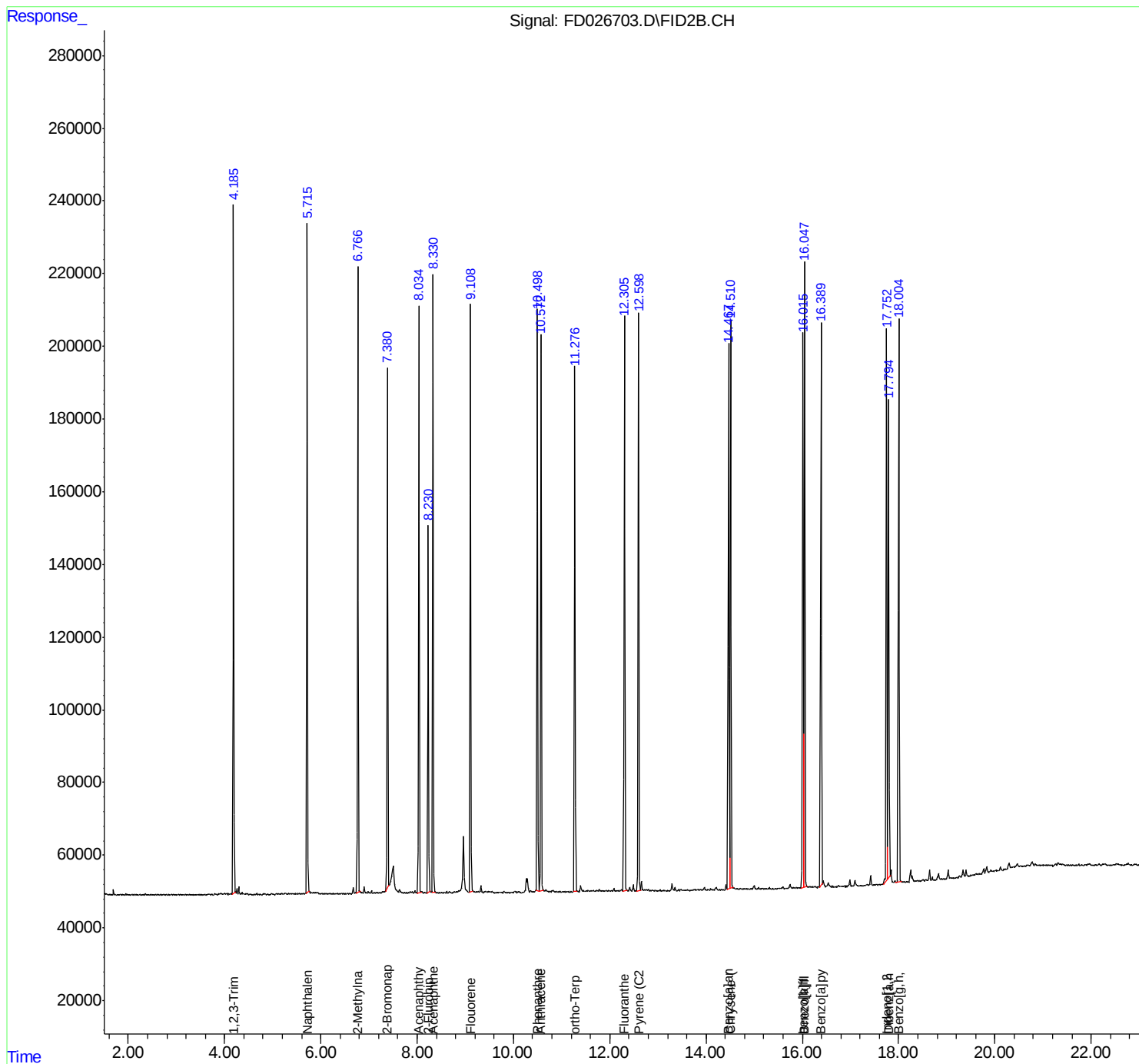
(f)=RT Delta > 1/2 Window

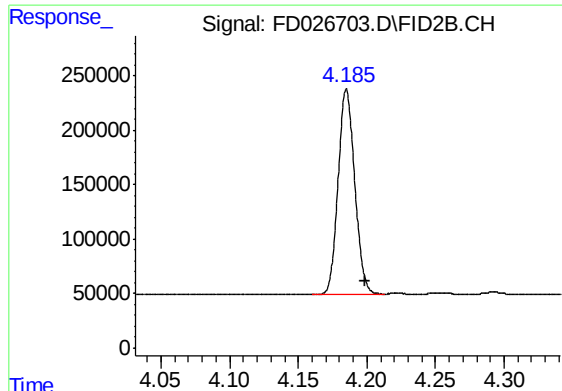
(m)=manual int.

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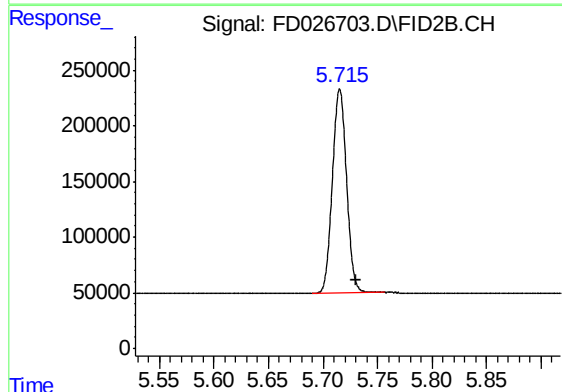
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





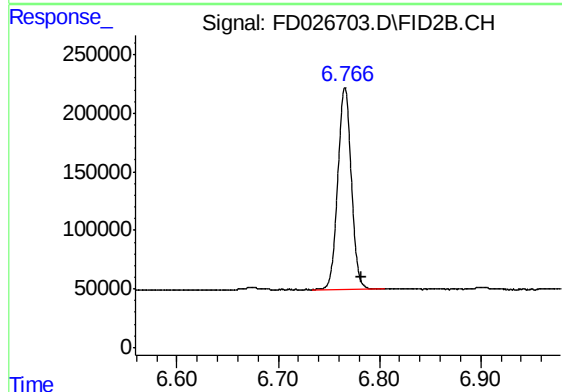
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min  
Delta R.T.: -0.014 min  
Response: 1587189  
Conc: 19.88 ug/ml



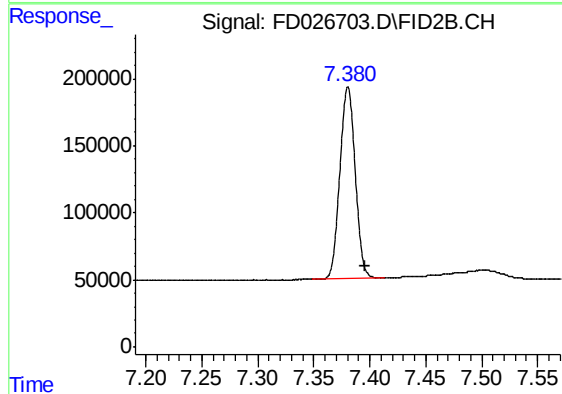
#2 Naphthalene (C11.7)

R.T.: 5.715 min  
Delta R.T.: -0.016 min  
Response: 1656467  
Conc: 18.87 ug/ml



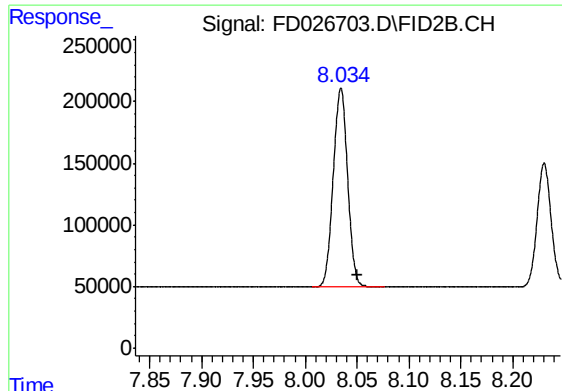
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min  
Delta R.T.: -0.016 min  
Response: 1599020  
Conc: 18.45 ug/ml



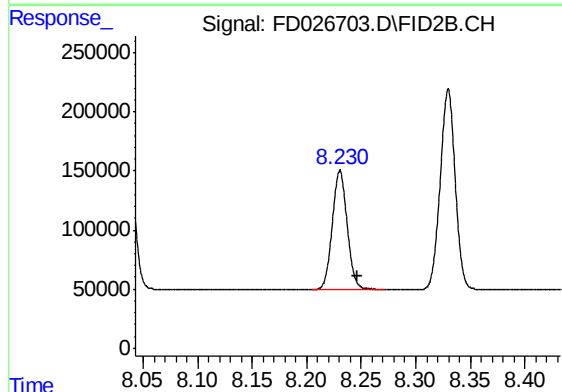
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min  
Delta R.T.: -0.015 min  
Response: 1364465  
Conc: 17.97 ug/ml



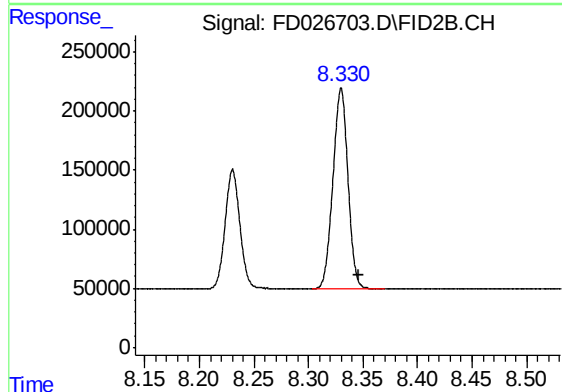
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min  
Delta R.T.: -0.016 min  
Response: 1552671  
Conc: 18.32 ug/ml



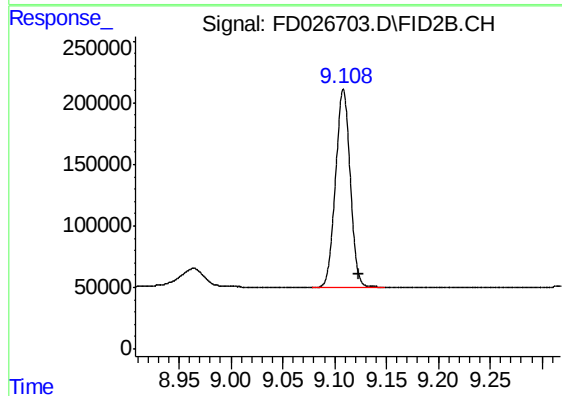
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min  
Delta R.T.: -0.016 min  
Response: 947739  
Conc: 18.12 ug/ml



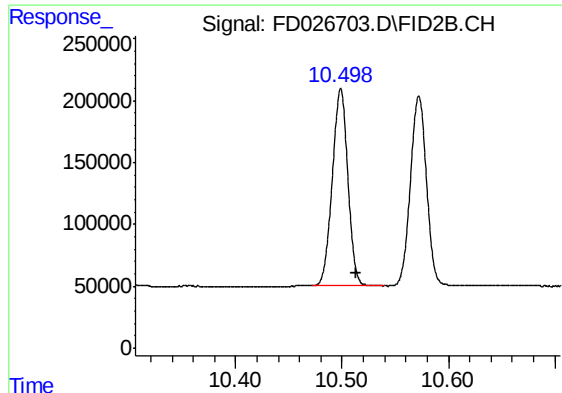
#7 Acenaphthene (C15.5)

R.T.: 8.330 min  
Delta R.T.: -0.016 min  
Response: 1616271  
Conc: 18.28 ug/ml



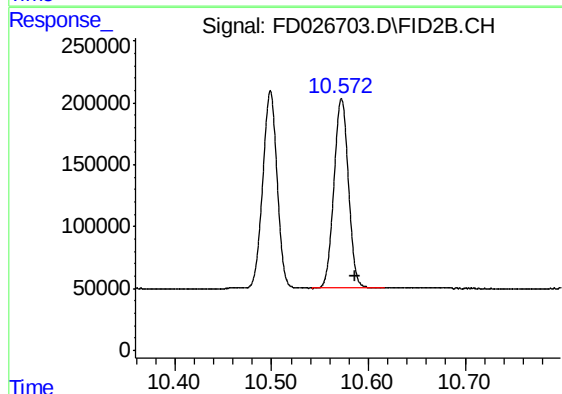
#8 Flouorene (C16.55)

R.T.: 9.109 min  
Delta R.T.: -0.015 min  
Response: 1586603  
Conc: 18.00 ug/ml



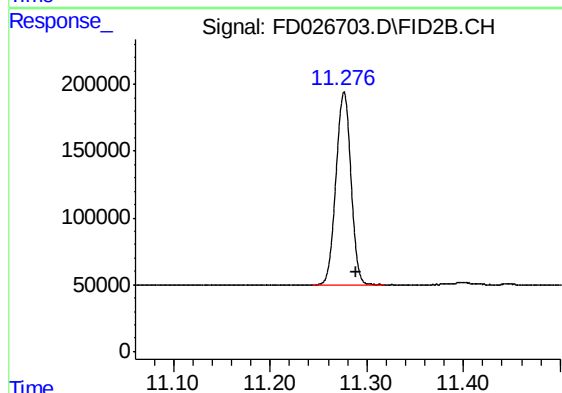
#9 Phenanthrene (C19.36)

R.T.: 10.499 min  
Delta R.T.: -0.014 min  
Response: 1623611  
Conc: 18.49 ug/ml



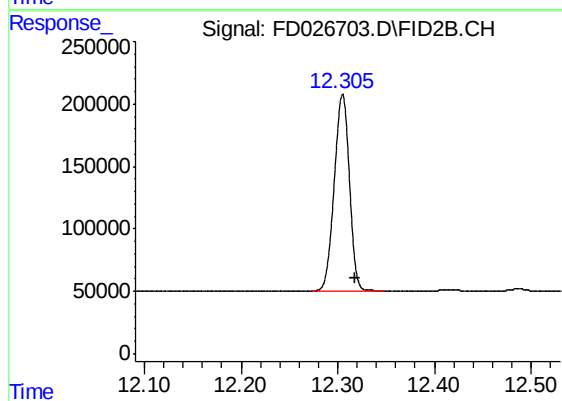
#10 Anthracene (C19.43)

R.T.: 10.572 min  
Delta R.T.: -0.014 min  
Response: 1613080  
Conc: 18.42 ug/ml



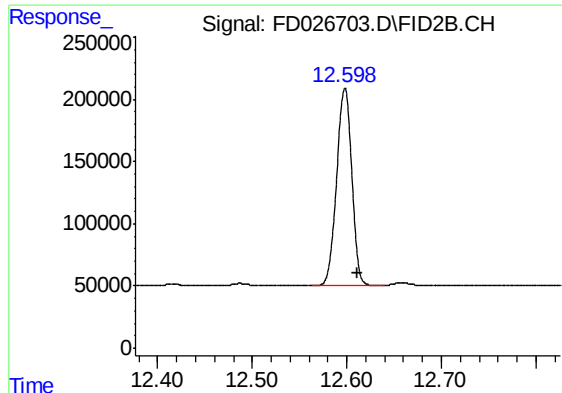
#11 ortho-Terphenyl (SURR)

R.T.: 11.277 min  
Delta R.T.: -0.012 min  
Response: 1562339  
Conc: 18.43 ug/ml



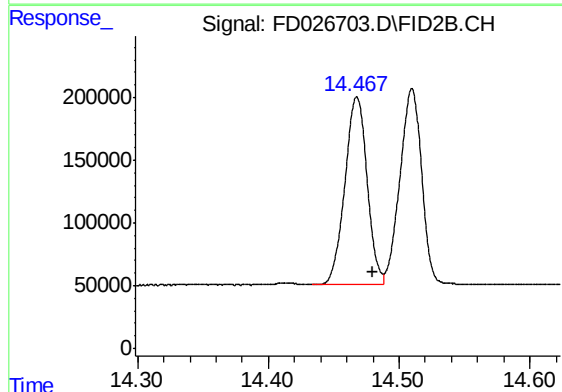
#12 Fluoranthene (C21.85)

R.T.: 12.305 min  
Delta R.T.: -0.012 min  
Response: 1730207  
Conc: 19.87 ug/ml



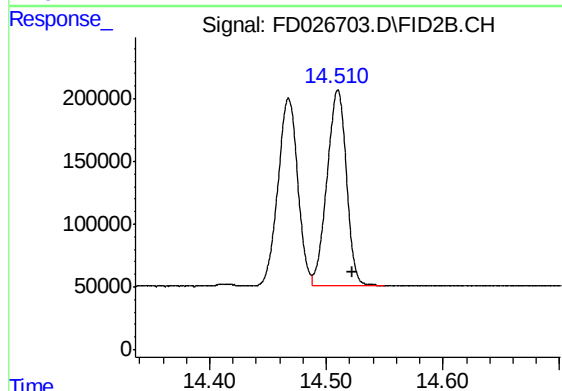
#13 Pyrene (C20.8)

R.T.: 12.598 min  
Delta R.T.: -0.013 min  
Response: 1767629  
Conc: 20.39 ug/ml



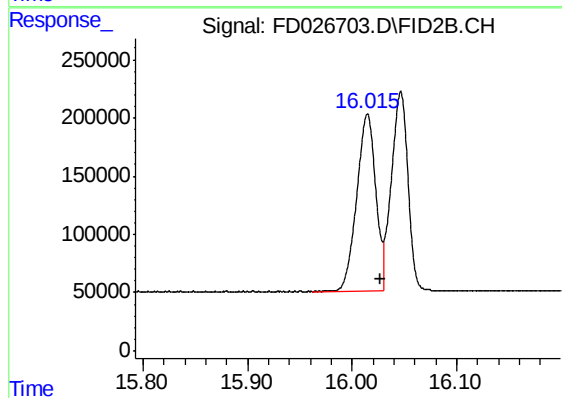
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min  
Delta R.T.: -0.013 min  
Response: 1766537  
Conc: 20.77 ug/ml



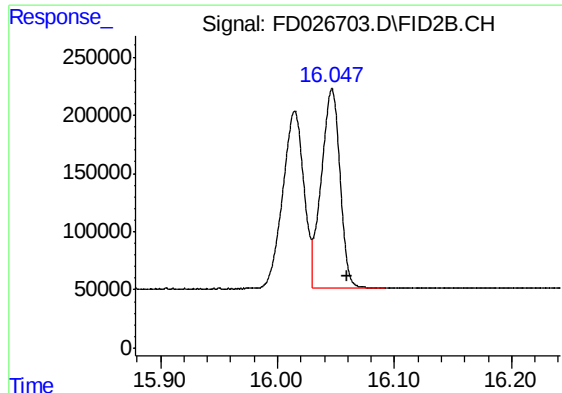
#15 Chrysene (C27.41)

R.T.: 14.510 min  
Delta R.T.: -0.012 min  
Response: 1800863  
Conc: 21.01 ug/ml



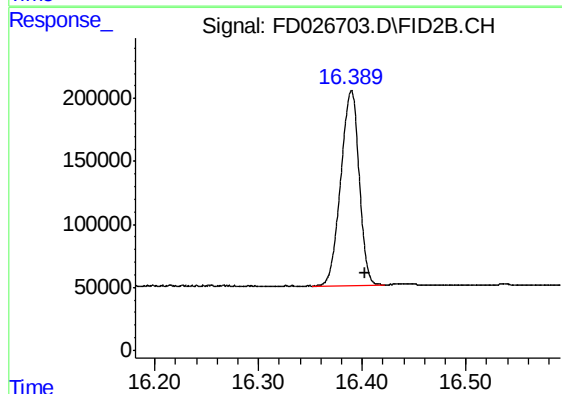
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min  
Delta R.T.: -0.013 min  
Response: 1915708  
Conc: 20.58 ug/ml



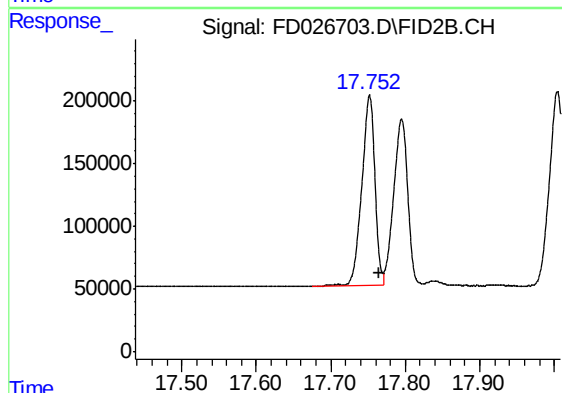
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min  
Delta R.T.: -0.012 min  
Response: 1908360  
Conc: 20.61 ug/ml



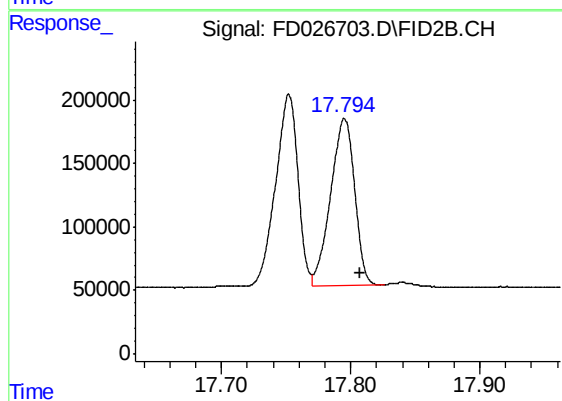
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min  
Delta R.T.: -0.013 min  
Response: 1898264  
Conc: 20.11 ug/ml



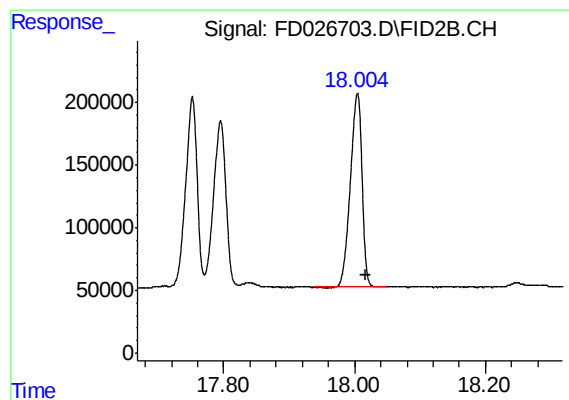
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min  
Delta R.T.: -0.012 min  
Response: 1849673  
Conc: 19.26 ug/ml



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

R.T.: 17.795 min  
Delta R.T.: -0.012 min  
Response: 1712786  
Conc: 18.25 ug/ml



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

R.T.: 18.004 min  
Delta R.T.: -0.013 min  
Response: 1924710  
Conc: 19.58 ug/ml