

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062419AR\  
 Data File : FD029503.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Jun 2019 11:07  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 25 00:43:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 07:45:09 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...      | 7.714  | 2233133    | 19.221 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.44%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.577  | 1492963    | 18.835 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 37.67%       |
| 11) S ortho-Terphenyl (SURR)       | 11.613 | 2306585    | 17.974 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.95%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.511  | 2452167    | 20.071 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.053  | 2568176    | 19.707 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.105  | 2503578    | 19.394 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.381  | 2368448    | 18.734 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.677  | 2465431    | 18.894 ug/ml |
| 8) T Fluorene (C16.55)             | 9.456  | 2397214    | 18.423 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.851 | 2353024    | 17.933 ug/ml |
| 10) T Anthracene (C19.43)          | 10.925 | 2303914    | 17.827 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.659 | 2315204    | 17.604 ug/ml |
| 13) T Pyrene (C20.8)               | 12.958 | 2313768    | 17.570 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.824 | 2138220    | 17.003 ug/ml |
| 15) T Chrysene (C27.41)            | 14.866 | 2167481    | 17.189 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.370 | 2181844    | 17.617 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.403 | 2163989    | 17.569 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.749 | 2162545    | 17.677 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.108 | 2064054    | 17.494 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.148 | 1991711    | 17.206 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.364 | 2115910    | 18.227 ug/ml |
| -----                              |        |            |              |

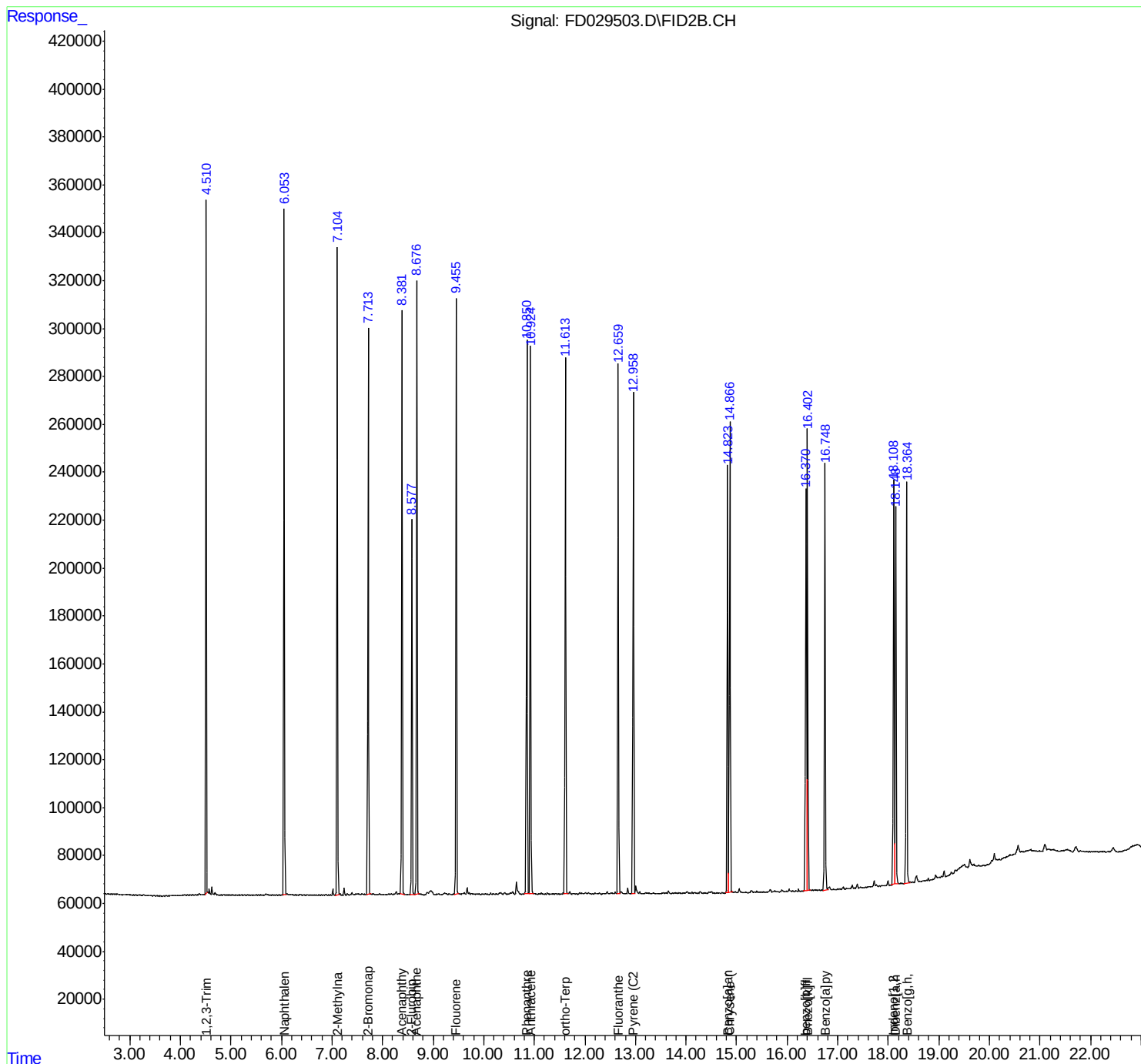
(f)=RT Delta > 1/2 Window

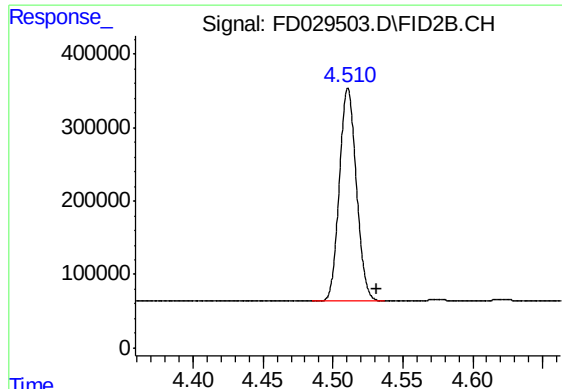
(m)=manual int.

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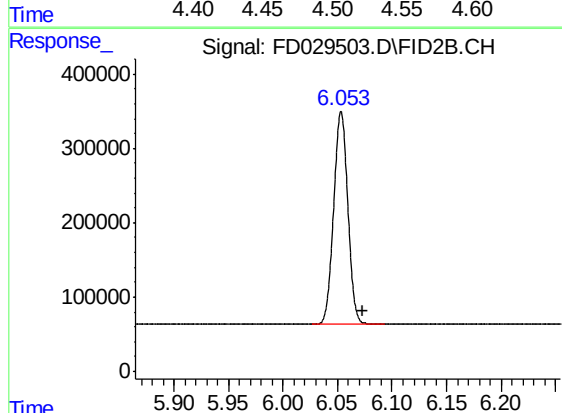
Volume Inj. : 1 µl  
Signal Phase : Rx1-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





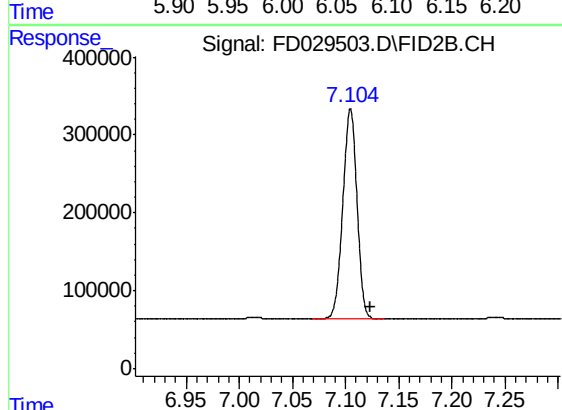
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.511 min  
Delta R.T.: -0.020 min  
Response: 2452167  
Conc: 20.07 ug/ml



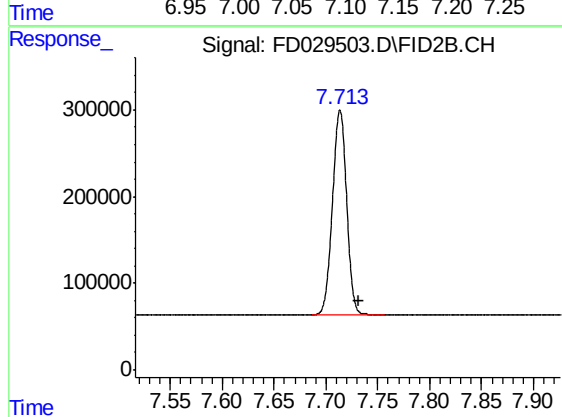
#2 Naphthalene (C11.7)

R.T.: 6.053 min  
Delta R.T.: -0.020 min  
Response: 2568176  
Conc: 19.71 ug/ml



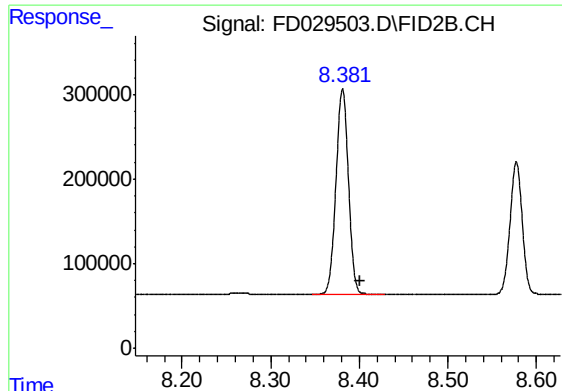
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.105 min  
Delta R.T.: -0.019 min  
Response: 2503578  
Conc: 19.39 ug/ml



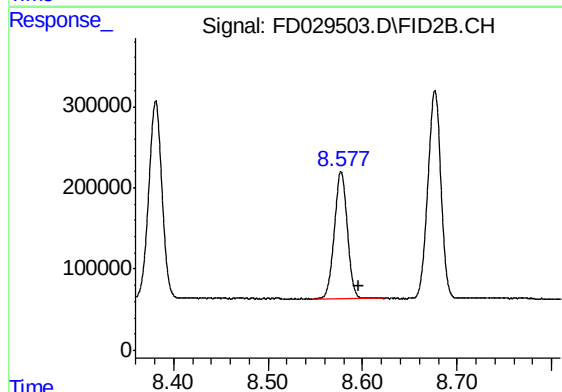
#4 2-Bromonaphthalene (SURR)

R.T.: 7.714 min  
Delta R.T.: -0.018 min  
Response: 2233133  
Conc: 19.22 ug/ml



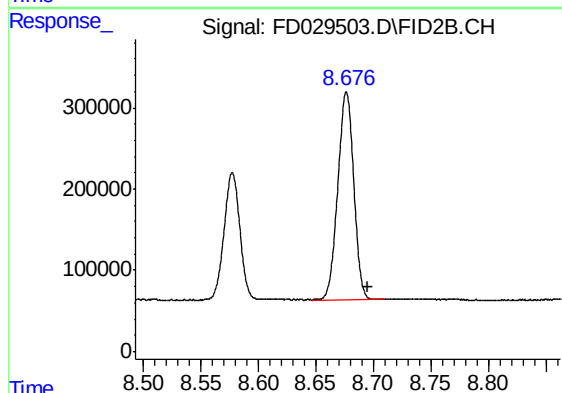
#5 Acenaphthylene (C15.06)

R.T.: 8.381 min  
Delta R.T.: -0.019 min  
Response: 2368448  
Conc: 18.73 ug/ml



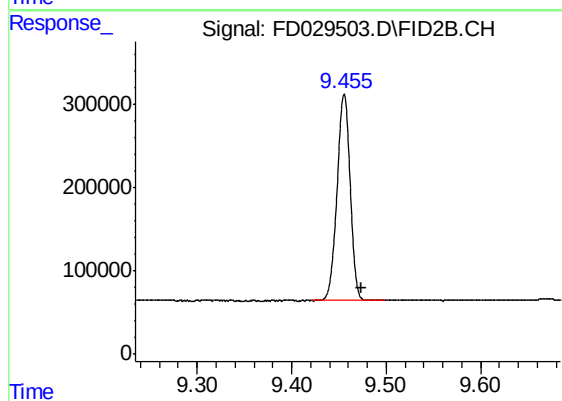
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.577 min  
Delta R.T.: -0.019 min  
Response: 1492963  
Conc: 18.83 ug/ml



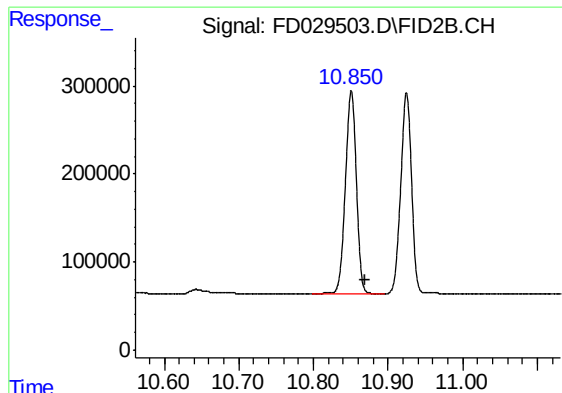
#7 Acenaphthene (C15.5)

R.T.: 8.677 min  
Delta R.T.: -0.018 min  
Response: 2465431  
Conc: 18.89 ug/ml



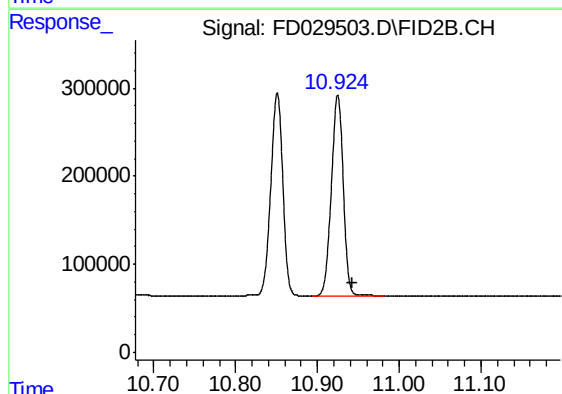
#8 Flouorene (C16.55)

R.T.: 9.456 min  
Delta R.T.: -0.018 min  
Response: 2397214  
Conc: 18.42 ug/ml



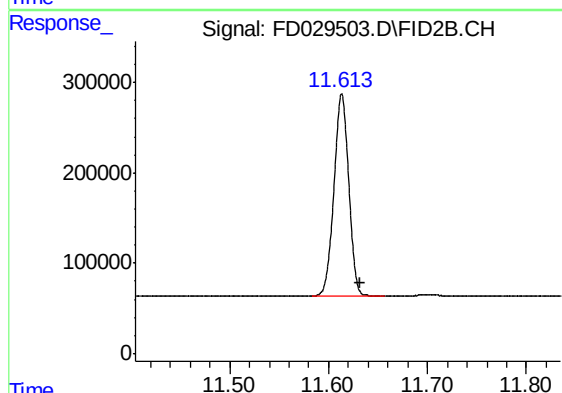
#9 Phenanthrene (C19.36)

R.T.: 10.851 min  
Delta R.T.: -0.018 min  
Response: 2353024  
Conc: 17.93 ug/ml



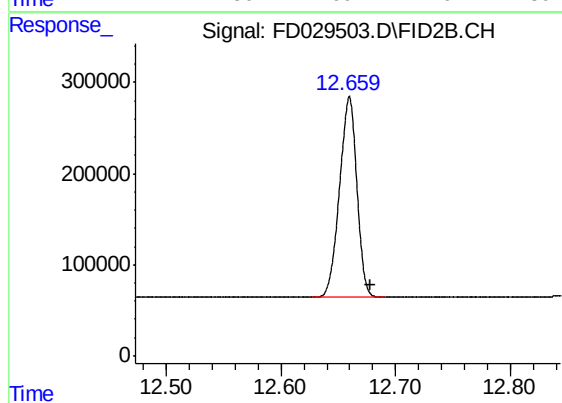
#10 Anthracene (C19.43)

R.T.: 10.925 min  
Delta R.T.: -0.018 min  
Response: 2303914  
Conc: 17.83 ug/ml



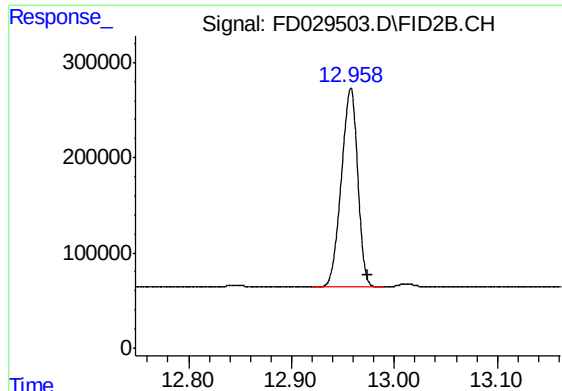
#11 ortho-Terphenyl (SURR)

R.T.: 11.613 min  
Delta R.T.: -0.019 min  
Response: 2306585  
Conc: 17.97 ug/ml



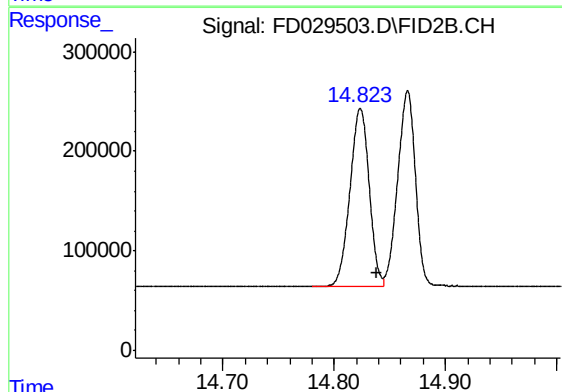
#12 Fluoranthene (C21.85)

R.T.: 12.659 min  
Delta R.T.: -0.018 min  
Response: 2315204  
Conc: 17.60 ug/ml m



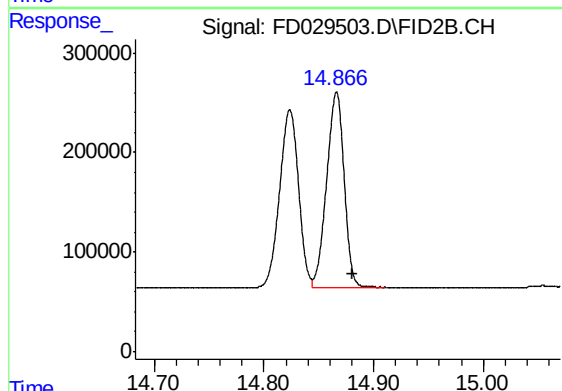
#13 Pyrene (C20.8)

R.T.: 12.958 min  
Delta R.T.: -0.017 min  
Response: 2313768  
Conc: 17.57 ug/ml



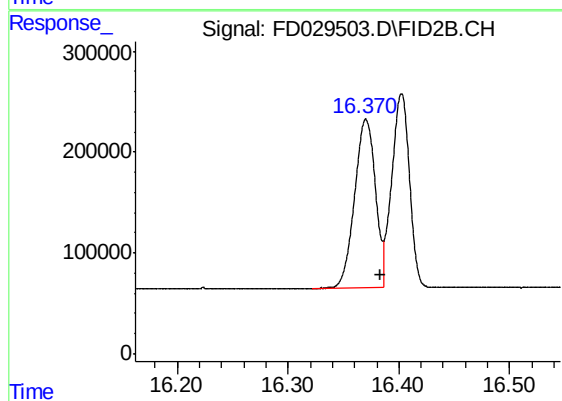
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min  
Delta R.T.: -0.015 min  
Response: 2138220  
Conc: 17.00 ug/ml



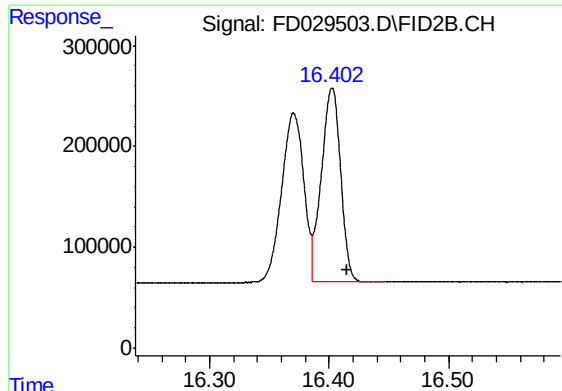
#15 Chrysene (C27.41)

R.T.: 14.866 min  
Delta R.T.: -0.014 min  
Response: 2167481  
Conc: 17.19 ug/ml



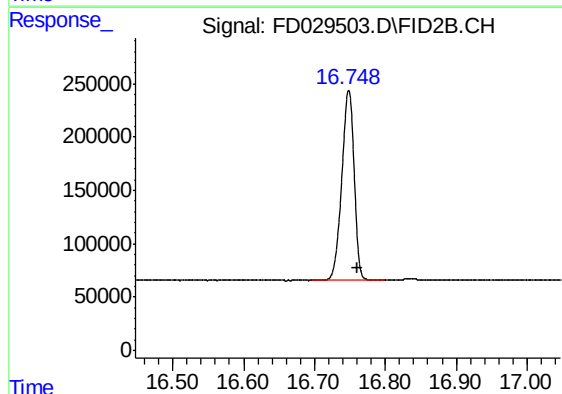
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.370 min  
Delta R.T.: -0.013 min  
Response: 2181844  
Conc: 17.62 ug/ml



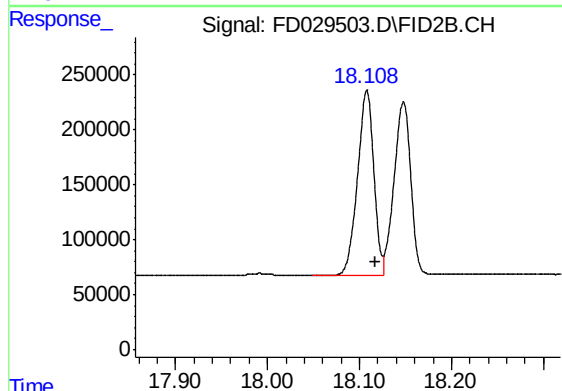
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.403 min  
Delta R.T.: -0.013 min  
Response: 2163989  
Conc: 17.57 ug/ml



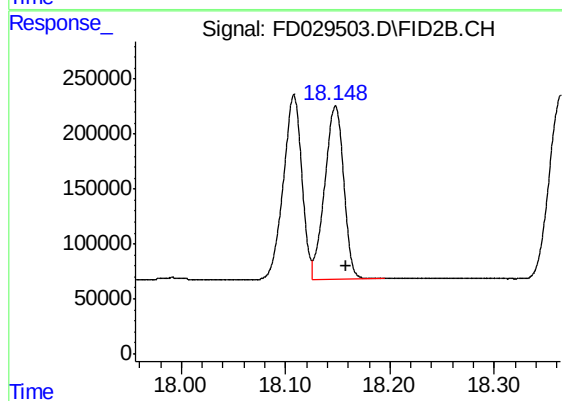
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.749 min  
Delta R.T.: -0.012 min  
Response: 2162545  
Conc: 17.68 ug/ml



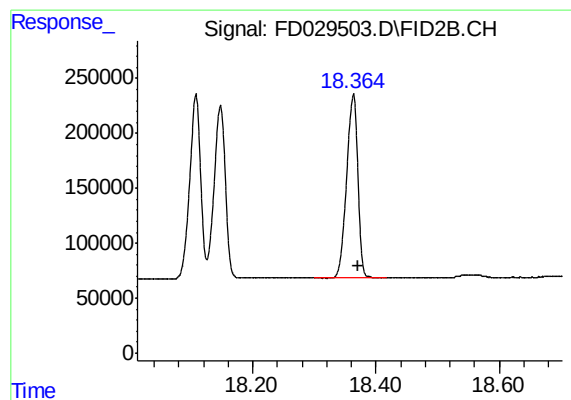
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min  
Delta R.T.: -0.010 min  
Response: 2064054  
Conc: 17.49 ug/ml



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

R.T.: 18.148 min  
Delta R.T.: -0.010 min  
Response: 1991711  
Conc: 17.21 ug/ml



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

R.T.: 18.364 min  
Delta R.T.: -0.008 min  
Response: 2115910  
Conc: 18.23 ug/ml