

Data Path : P:\HPCHEM1\FID\_D\Data\FD032018AR\  
 Data File : FD022596.D  
 Signal(s) : FID2B.CH  
 Acq On : 20 Mar 2018 18:33  
 Operator : UA/AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 21 07:08:11 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 032018.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 21 07:06:57 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...      | 7.323  | 1670337    | 19.309 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 38.62%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.184  | 1021127    | 19.330 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.66%        |
| 11) S ortho-Terphenyl (SURR)       | 11.204 | 2007263    | 18.884 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 37.77%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.131  | 1896346    | 19.470 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.663  | 1854121    | 19.966 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.712  | 1792212    | 19.497 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 7.978  | 1897233    | 18.813 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.270  | 2058547    | 18.732 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.053  | 1925186    | 19.115 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.445 | 1997292    | 18.978 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.522 | 2019183    | 18.818 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.255 | 2140105    | 18.880 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.548 | 2117636    | 18.871 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.427 | 1956630    | 18.946 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.469 | 2159075    | 18.596 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 15.986 | 1953450    | 18.801 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.016 | 2278689    | 18.799 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.370 | 1924436    | 18.072 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.751 | 1157749    | 17.290 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.777 | 2372407    | 19.522 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.004 | 1380310    | 16.739 ug/ml  |
| -----                              |        |            |               |

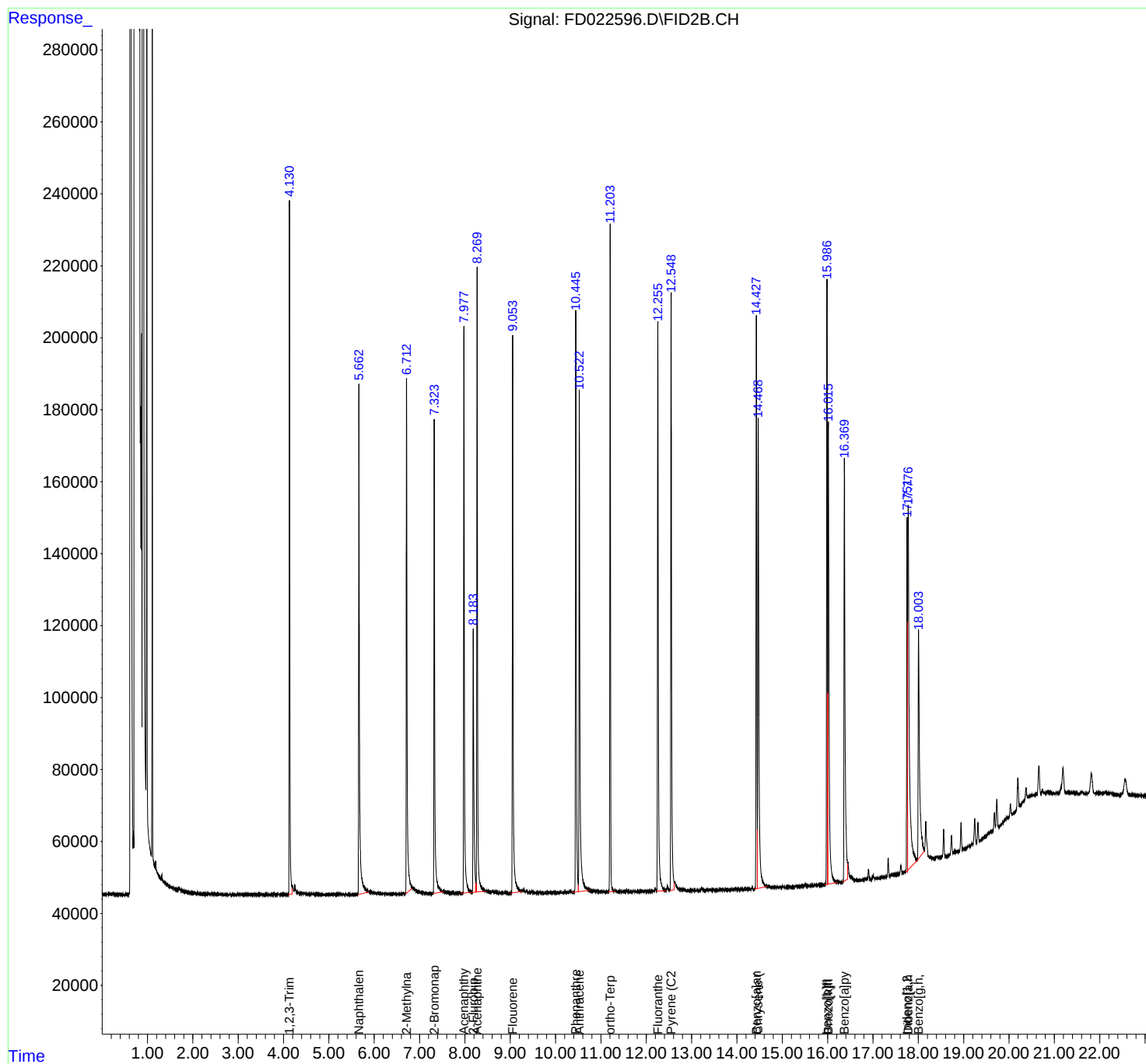
(f)=RT Delta > 1/2 Window

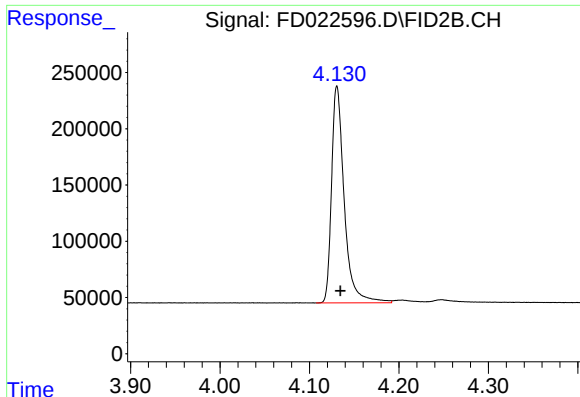
(m)=manual int.

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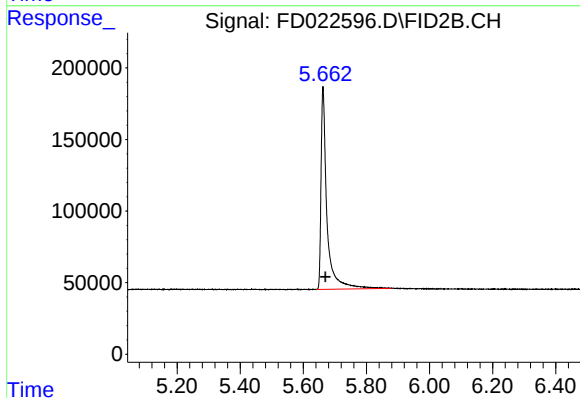
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





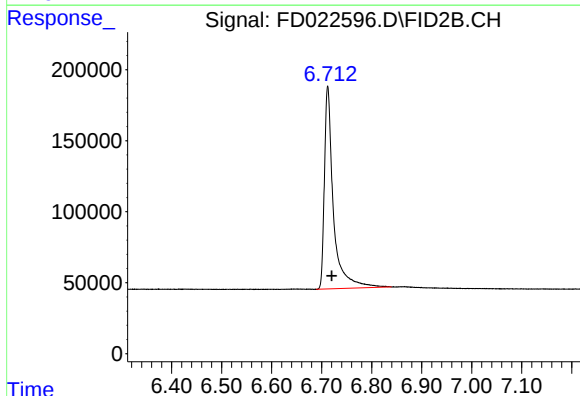
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.131 min  
Delta R.T.: -0.004 min  
Response: 1896346  
Conc: 19.47 ug/ml



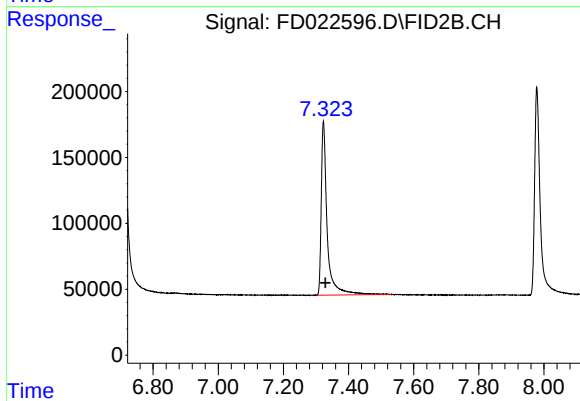
#2 Naphthalene (C11.7)

R.T.: 5.663 min  
Delta R.T.: -0.008 min  
Response: 1854121  
Conc: 19.97 ug/ml



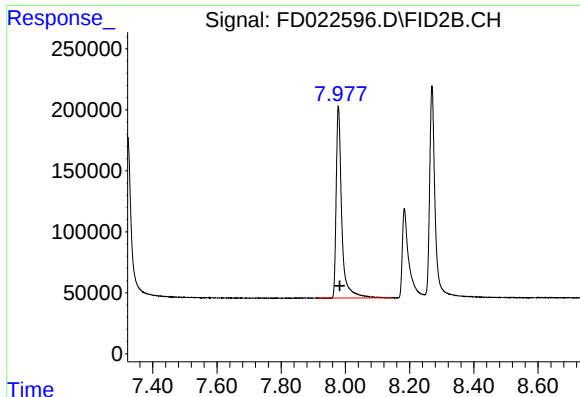
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min  
Delta R.T.: -0.008 min  
Response: 1792212  
Conc: 19.50 ug/ml



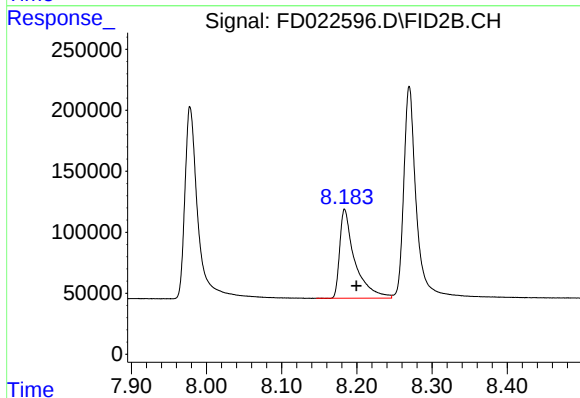
#4 2-Bromonaphthalene (SURR)

R.T.: 7.323 min  
Delta R.T.: -0.006 min  
Response: 1670337  
Conc: 19.31 ug/ml



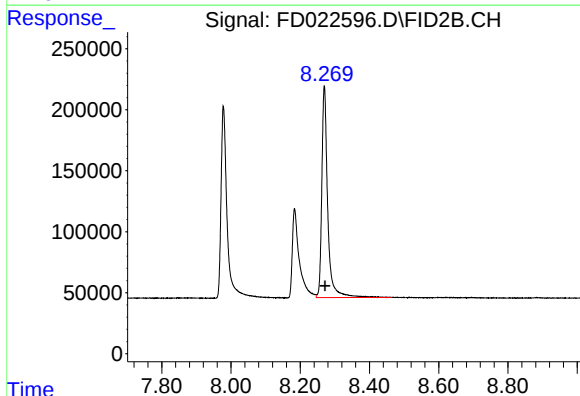
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min  
Delta R.T.: -0.005 min  
Response: 1897233  
Conc: 18.81 ug/ml



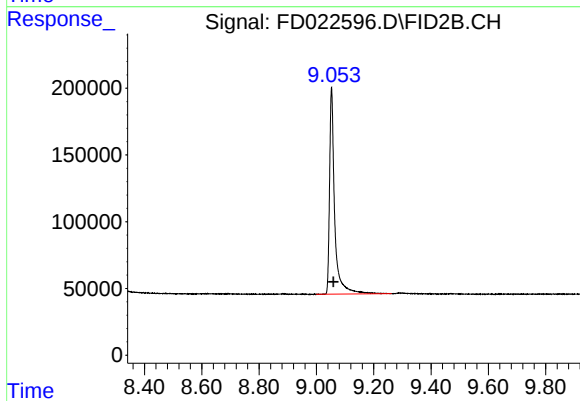
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min  
Delta R.T.: -0.015 min  
Response: 1021127  
Conc: 19.33 ug/ml



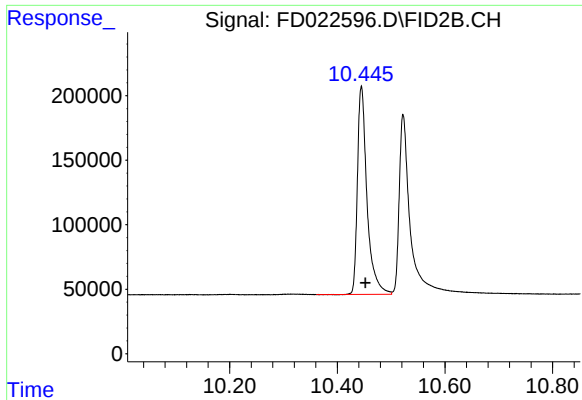
#7 Acenaphthene (C15.5)

R.T.: 8.270 min  
Delta R.T.: -0.003 min  
Response: 2058547  
Conc: 18.73 ug/ml



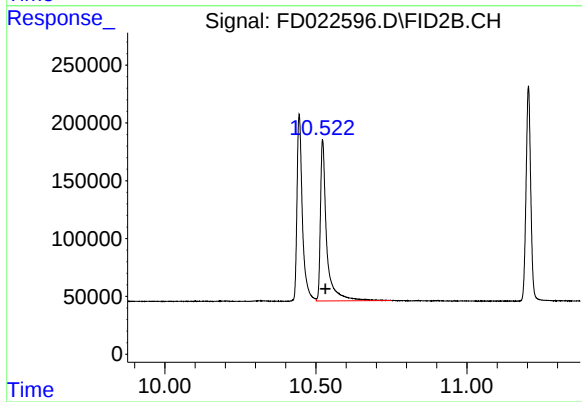
#8 Fluorene (C16.55)

R.T.: 9.053 min  
Delta R.T.: -0.007 min  
Response: 1925186  
Conc: 19.12 ug/ml



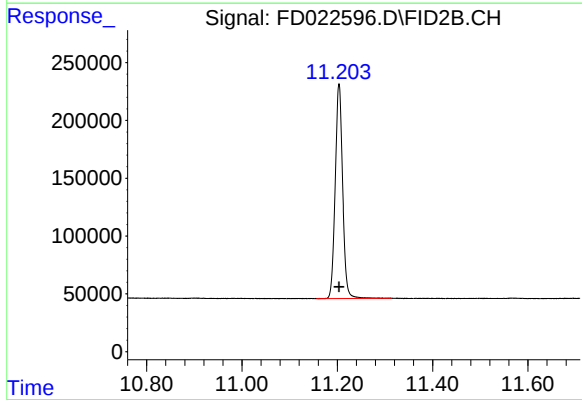
#9 Phenanthrene (C19.36)

R.T.: 10.445 min  
Delta R.T.: -0.007 min  
Response: 1997292  
Conc: 18.98 ug/ml



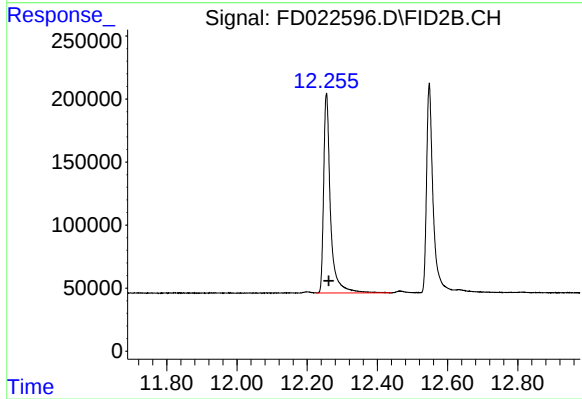
#10 Anthracene (C19.43)

R.T.: 10.522 min  
Delta R.T.: -0.009 min  
Response: 2019183  
Conc: 18.82 ug/ml



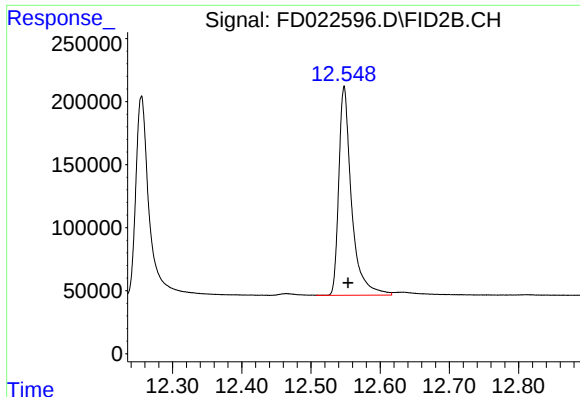
#11 ortho-Terphenyl (SURR)

R.T.: 11.204 min  
Delta R.T.: 0.000 min  
Response: 2007263  
Conc: 18.88 ug/ml



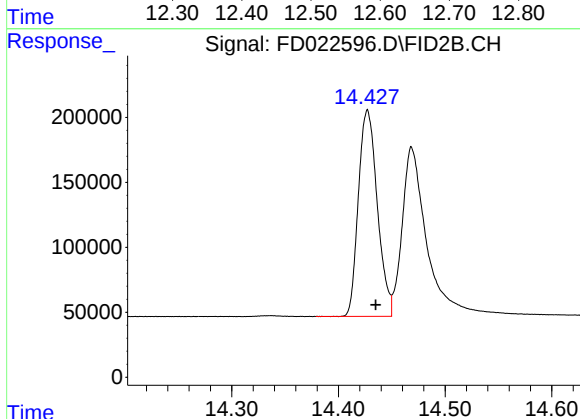
#12 Fluoranthene (C21.85)

R.T.: 12.255 min  
Delta R.T.: -0.006 min  
Response: 2140105  
Conc: 18.88 ug/ml



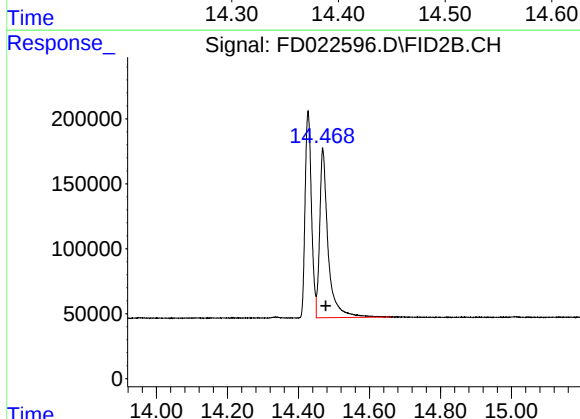
#13 Pyrene (C20.8)

R.T.: 12.548 min  
Delta R.T.: -0.006 min  
Response: 2117636  
Conc: 18.87 ug/ml



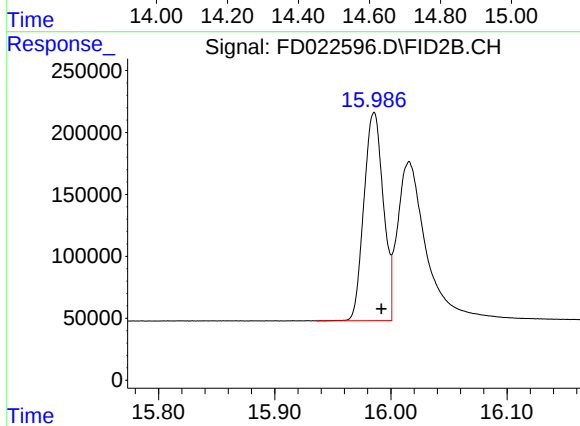
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min  
Delta R.T.: -0.008 min  
Response: 1956630  
Conc: 18.95 ug/ml



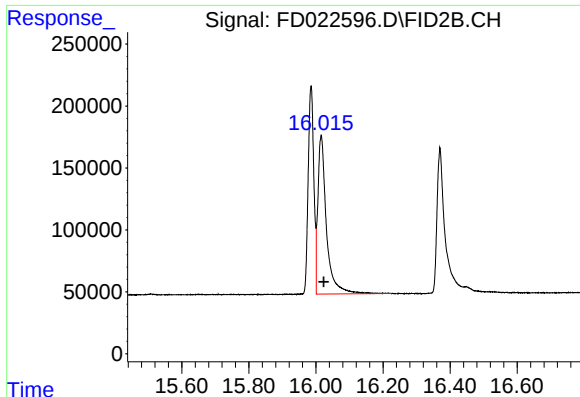
#15 Chrysene (C27.41)

R.T.: 14.469 min  
Delta R.T.: -0.008 min  
Response: 2159075  
Conc: 18.60 ug/ml



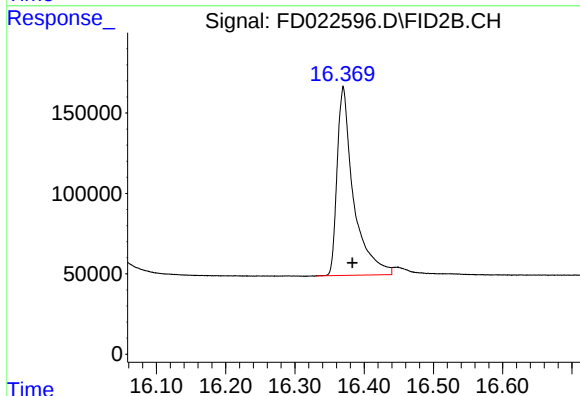
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min  
Delta R.T.: -0.006 min  
Response: 1953450  
Conc: 18.80 ug/ml



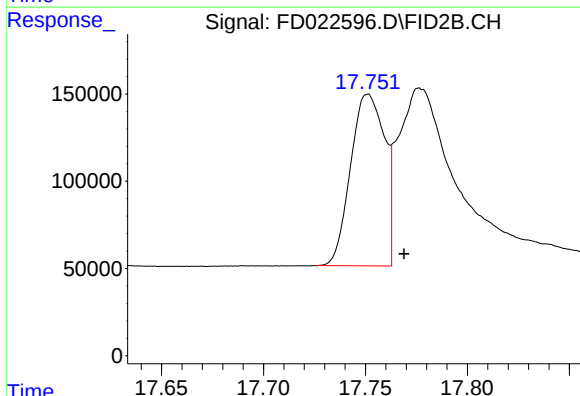
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min  
Delta R.T.: -0.007 min  
Response: 2278689  
Conc: 18.80 ug/ml



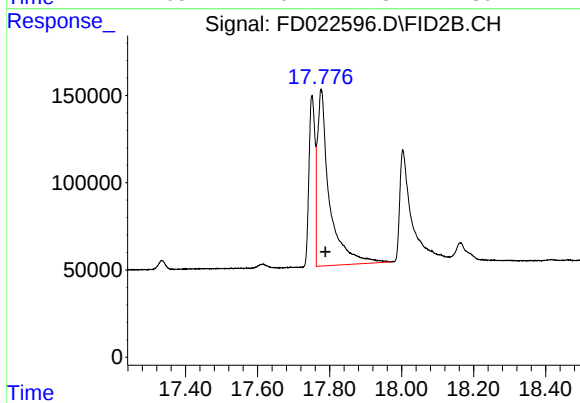
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min  
Delta R.T.: -0.013 min  
Response: 1924436  
Conc: 18.07 ug/ml



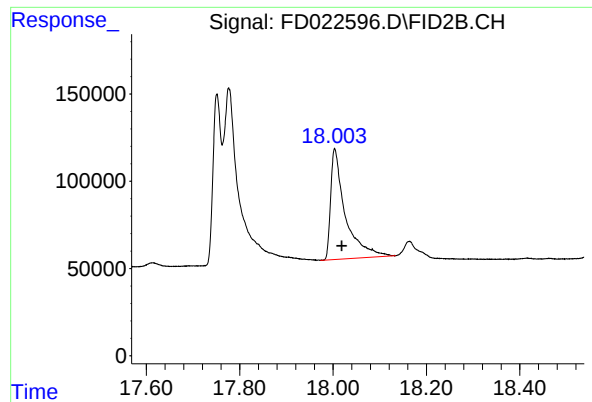
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min  
Delta R.T.: -0.018 min  
Response: 1157749  
Conc: 17.29 ug/ml m



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

R.T.: 17.777 min  
Delta R.T.: -0.012 min  
Response: 2372407  
Conc: 19.52 ug/ml



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

R.T.: 18.004 min  
Delta R.T.: -0.015 min  
Response: 1380310  
Conc: 16.74 ug/ml