

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051519AR\  
 Data File : FD029152.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 May 2019 12:48  
 Operator : EI\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 15 16:04:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 15 15:53:17 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...      | 7.753  | 7556243    | 97.589 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 195.18%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.621  | 5161214    | 97.255 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 194.51%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.659 | 7857616    | 96.274 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 192.55%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.543  | 8429564    | 97.430 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.092  | 8889584    | 97.615 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.146  | 8587694    | 97.552 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.425  | 8186691    | 97.084 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.722  | 8530020    | 97.120 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.502  | 8379811    | 97.092 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.899 | 8561533    | 96.865 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.976 | 8426054    | 95.254 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.712 | 9097312    | 95.147 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.011 | 9291828    | 95.066 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.879 | 9408989    | 95.560 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.925 | 9488010    | 95.303 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.428 | 9910340    | 96.913 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.428 | 9910340    | 98.400 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.810 | 9779053    | 97.105 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.174 | 9884752    | 103.116 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.174 | 9884752    | 110.556 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.435 | 9546063    | 94.874 ug/ml  |
| -----                              |        |            |               |

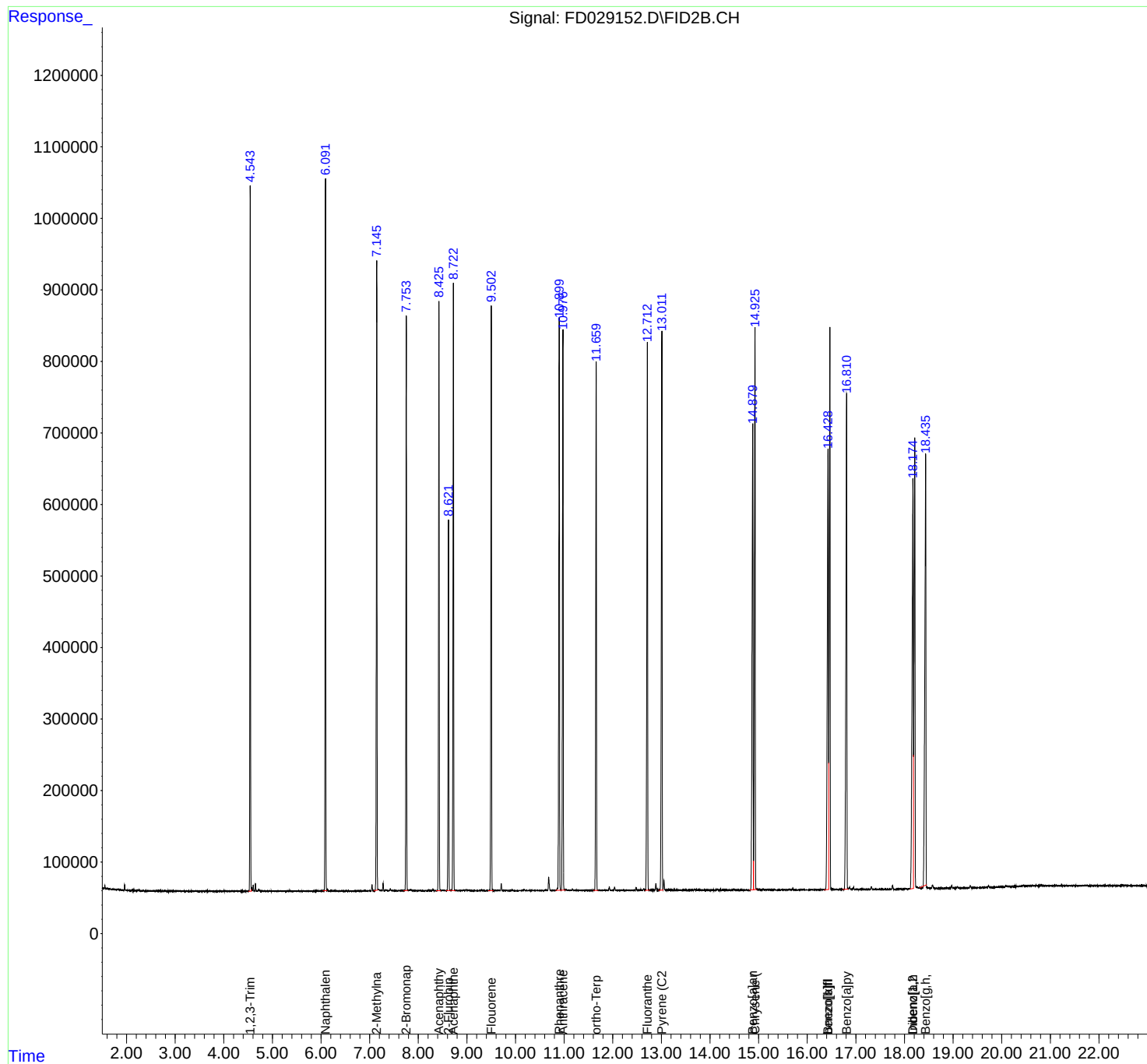
(f)=RT Delta > 1/2 Window

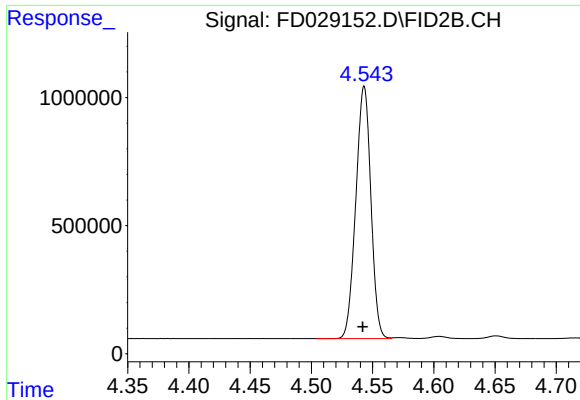
(m)=manual int.

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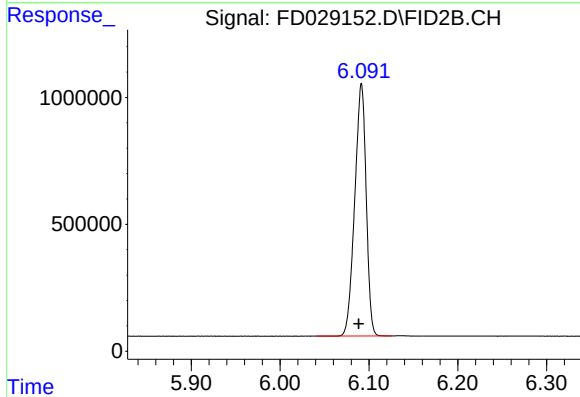
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





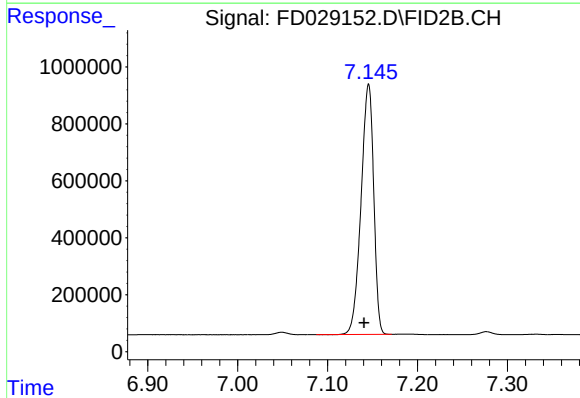
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.543 min  
Delta R.T.: 0.001 min  
Response: 8429564  
Conc: 97.43 ug/ml



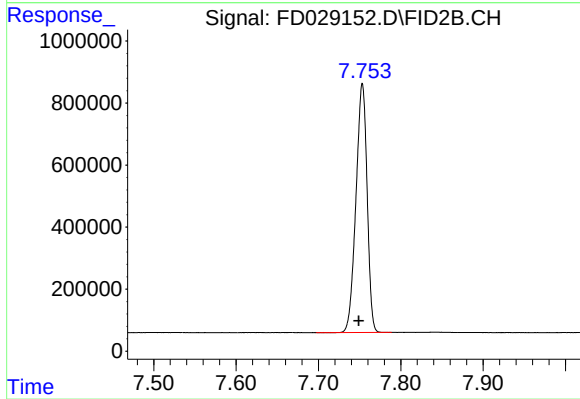
#2 Naphthalene (C11.7)

R.T.: 6.092 min  
Delta R.T.: 0.003 min  
Response: 8889584  
Conc: 97.61 ug/ml



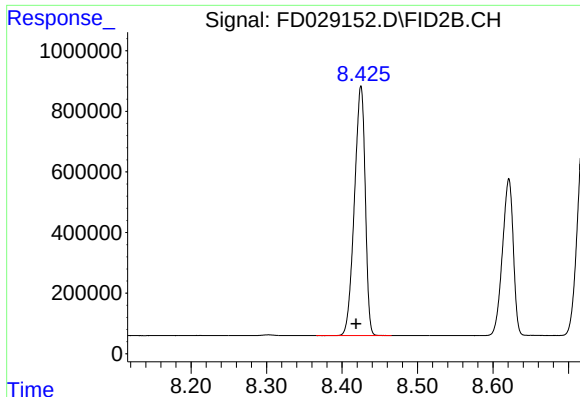
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.146 min  
Delta R.T.: 0.005 min  
Response: 8587694  
Conc: 97.55 ug/ml



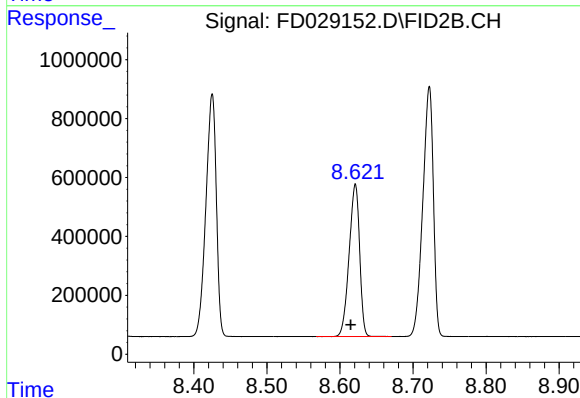
#4 2-Bromonaphthalene (SURR)

R.T.: 7.753 min  
Delta R.T.: 0.004 min  
Response: 7556243  
Conc: 97.59 ug/ml



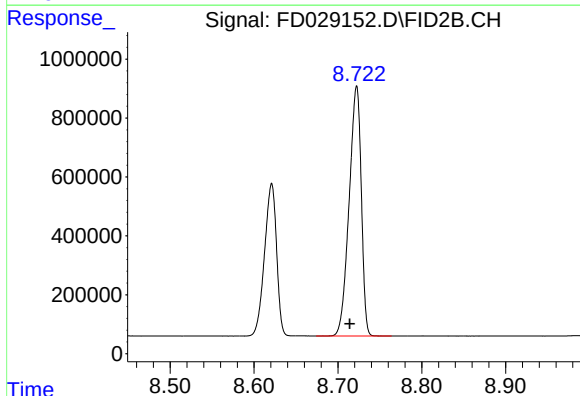
#5 Acenaphthylene (C15.06)

R.T.: 8.425 min  
Delta R.T.: 0.006 min  
Response: 8186691  
Conc: 97.08 ug/ml



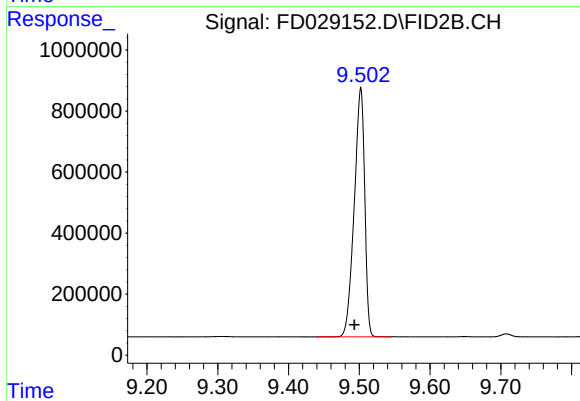
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.621 min  
Delta R.T.: 0.006 min  
Response: 5161214  
Conc: 97.26 ug/ml



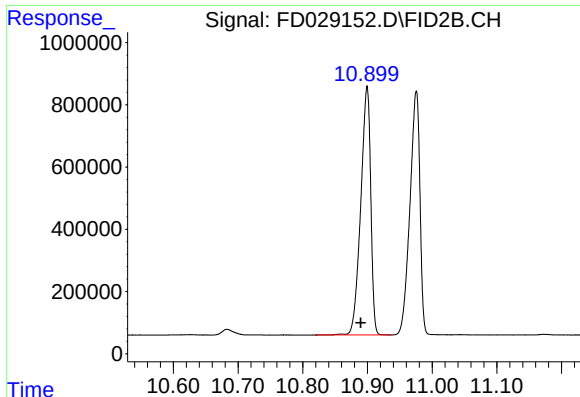
#7 Acenaphthene (C15.5)

R.T.: 8.722 min  
Delta R.T.: 0.008 min  
Response: 8530020  
Conc: 97.12 ug/ml



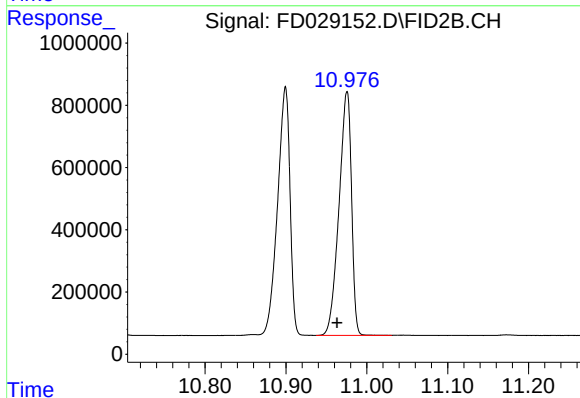
#8 Fluorene (C16.55)

R.T.: 9.502 min  
Delta R.T.: 0.009 min  
Response: 8379811  
Conc: 97.09 ug/ml



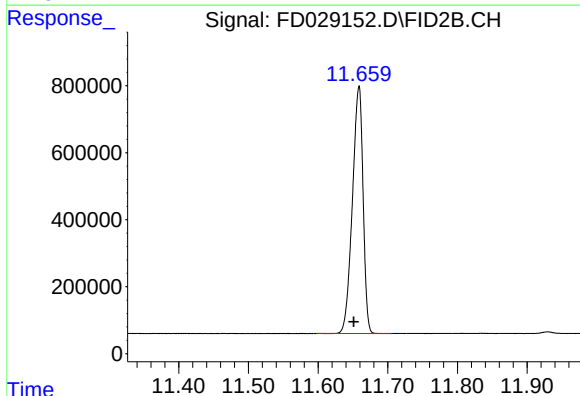
#9 Phenanthrene (C19.36)

R.T.: 10.899 min  
Delta R.T.: 0.010 min  
Response: 8561533  
Conc: 96.86 ug/ml



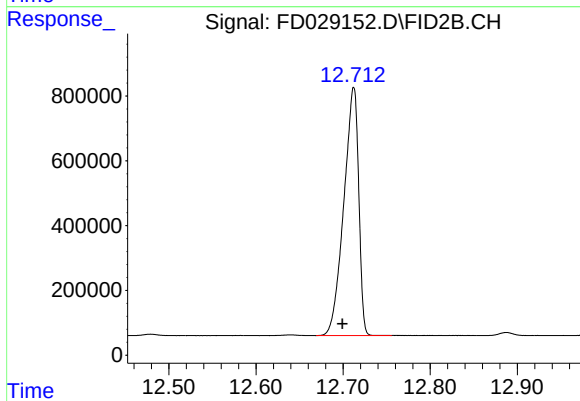
#10 Anthracene (C19.43)

R.T.: 10.976 min  
Delta R.T.: 0.012 min  
Response: 8426054  
Conc: 95.25 ug/ml



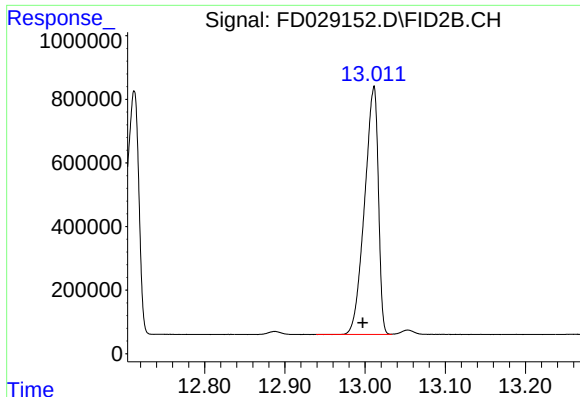
#11 ortho-Terphenyl (SURR)

R.T.: 11.659 min  
Delta R.T.: 0.007 min  
Response: 7857616  
Conc: 96.27 ug/ml



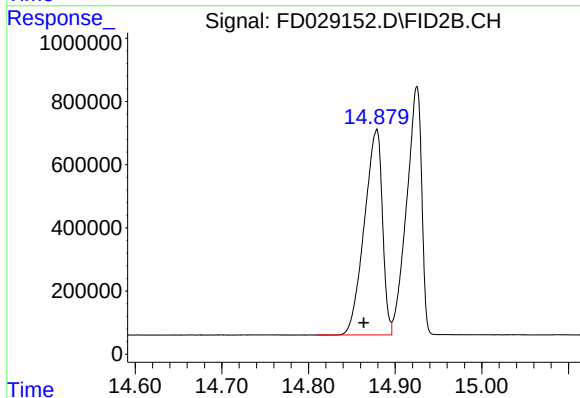
#12 Fluoranthene (C21.85)

R.T.: 12.712 min  
Delta R.T.: 0.013 min  
Response: 9097312  
Conc: 95.15 ug/ml



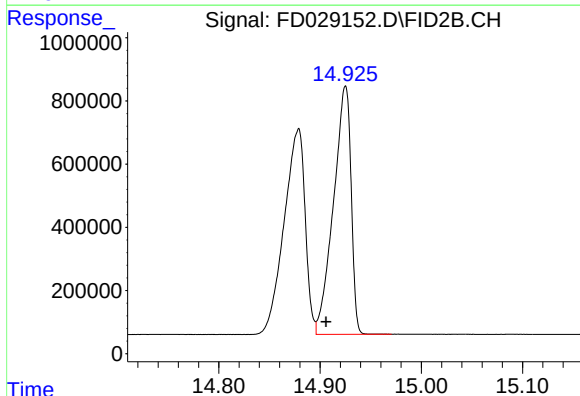
#13 Pyrene (C20.8)

R.T.: 13.011 min  
Delta R.T.: 0.014 min  
Response: 9291828  
Conc: 95.07 ug/ml



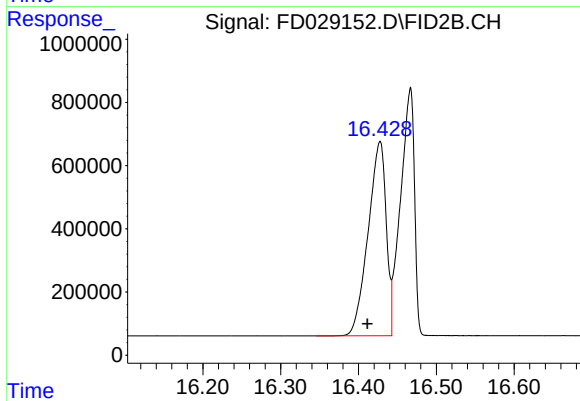
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.879 min  
Delta R.T.: 0.015 min  
Response: 9408989  
Conc: 95.56 ug/ml



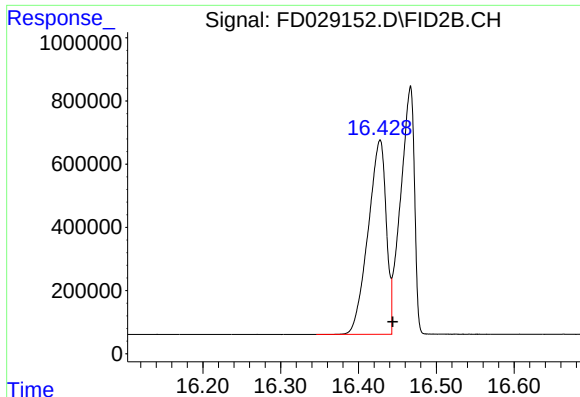
#15 Chrysene (C27.41)

R.T.: 14.925 min  
Delta R.T.: 0.019 min  
Response: 9488010  
Conc: 95.30 ug/ml



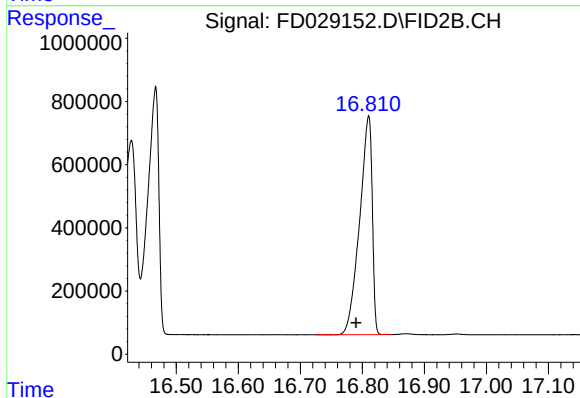
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.428 min  
Delta R.T.: 0.016 min  
Response: 9910340  
Conc: 96.91 ug/ml



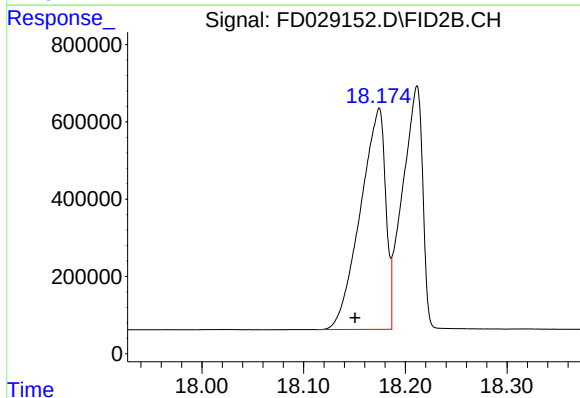
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.428 min  
Delta R.T.: -0.016 min  
Response: 9910340  
Conc: 98.40 ug/ml



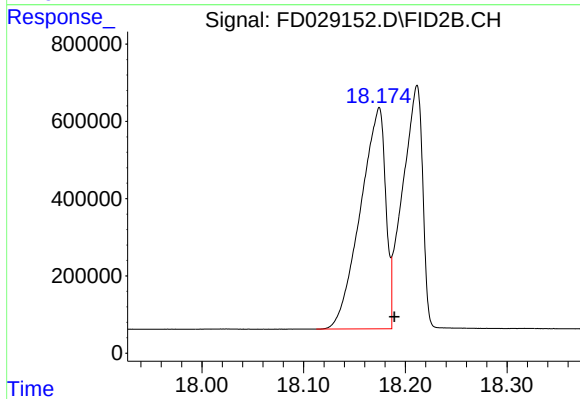
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min  
Delta R.T.: 0.020 min  
Response: 9779053  
Conc: 97.11 ug/ml



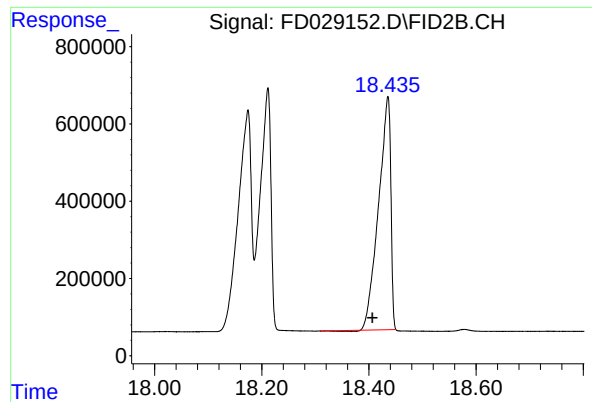
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.174 min  
Delta R.T.: 0.024 min  
Response: 9884752  
Conc: 103.12 ug/ml



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

R.T.: 18.174 min  
Delta R.T.: -0.015 min  
Response: 9884752  
Conc: 110.56 ug/ml



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

R.T.: 18.435 min  
Delta R.T.: 0.029 min  
Response: 9546063  
Conc: 94.87 ug/ml