

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112719AR\  
 Data File : FD031751.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Nov 2019 1:04  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 28 02:42:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 110519.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 06 03:03:26 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...      | 7.649  | 2508198    | 21.071 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.14%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.511  | 1657471    | 20.117 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.23%       |
| 11) S ortho-Terphenyl (SURR)       | 11.549 | 2458741    | 19.214 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.43%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.450  | 2777461    | 23.139 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.989  | 2849105    | 22.128 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.040  | 2759893    | 21.490 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.315  | 2536313    | 20.147 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.610  | 2650205    | 20.241 ug/ml |
| 8) T Fluorene (C16.55)             | 9.389  | 2570668    | 19.662 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.785 | 2486562    | 18.872 ug/ml |
| 10) T Anthracene (C19.43)          | 10.860 | 2239632    | 17.369 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.596 | 2449964    | 18.487 ug/ml |
| 13) T Pyrene (C20.8)               | 12.893 | 2434210    | 18.483 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.761 | 2372289    | 18.741 ug/ml |
| 15) T Chrysene (C27.41)            | 14.804 | 2415593    | 19.045 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.310 | 2464591    | 19.634 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.343 | 2411433    | 19.163 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.689 | 2412976    | 19.444 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.053 | 2408229    | 19.798 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.091 | 2483262    | 20.055 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.307 | 2394019    | 19.845 ug/ml |
| -----                              |        |            |              |

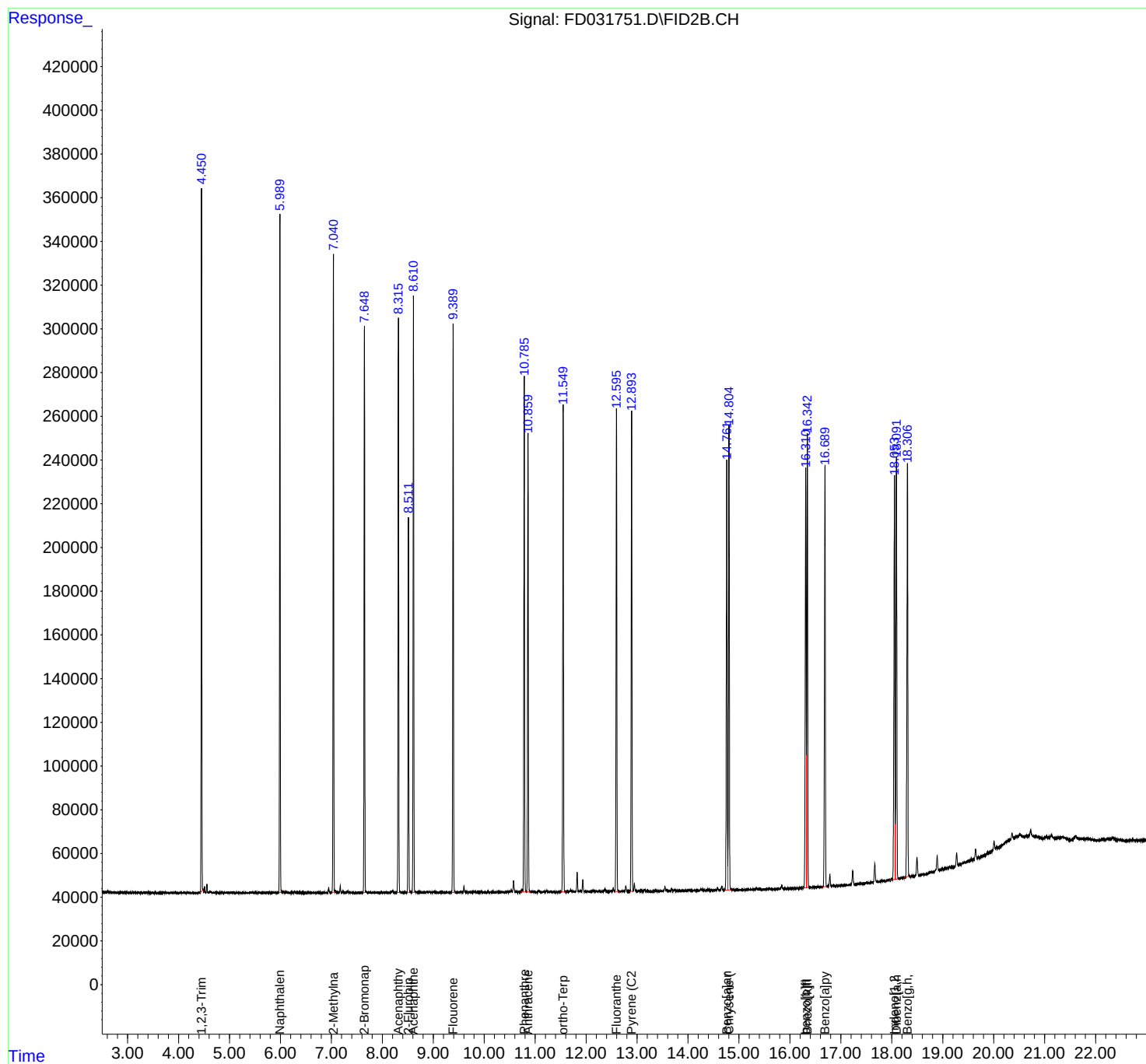
(f)=RT Delta > 1/2 Window

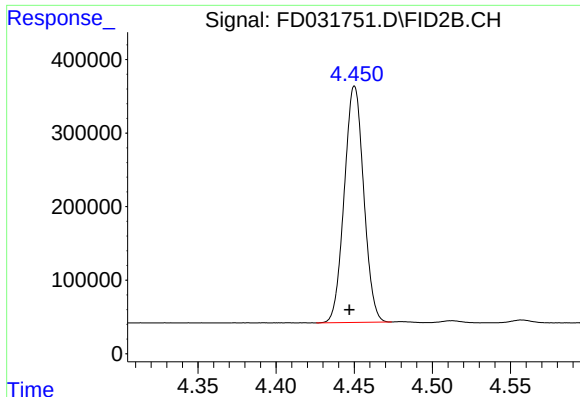
(m)=manual int.

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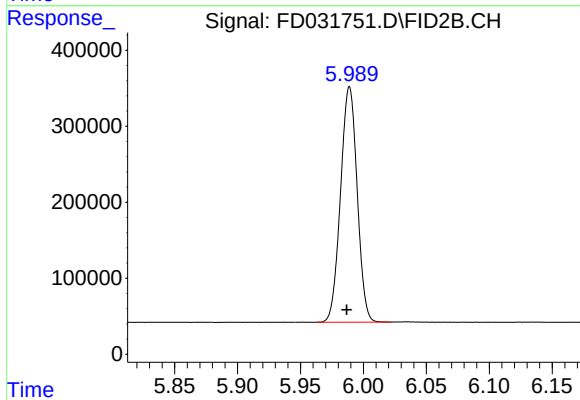
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





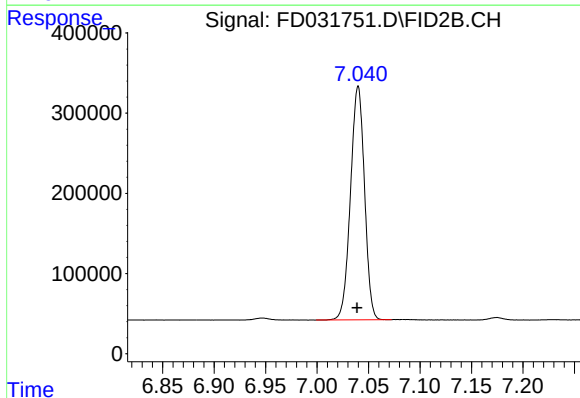
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min  
Delta R.T.: 0.003 min  
Response: 2777461  
Conc: 23.14 ug/ml



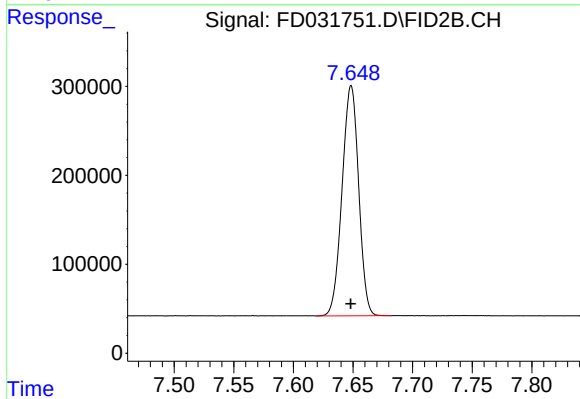
#2 Naphthalene (C11.7)

R.T.: 5.989 min  
Delta R.T.: 0.002 min  
Response: 2849105  
Conc: 22.13 ug/ml



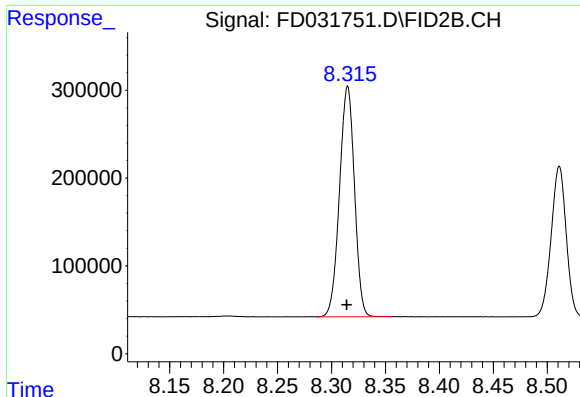
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min  
Delta R.T.: 0.001 min  
Response: 2759893  
Conc: 21.49 ug/ml



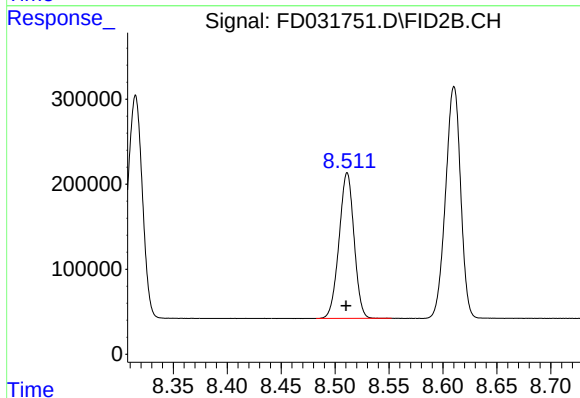
#4 2-Bromonaphthalene (SURR)

R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 2508198  
Conc: 21.07 ug/ml



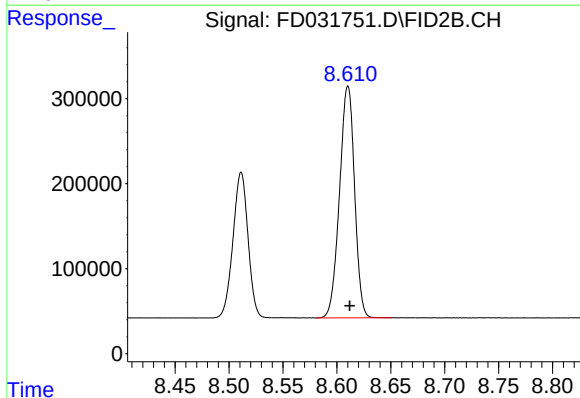
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min  
Delta R.T.: 0.000 min  
Response: 2536313  
Conc: 20.15 ug/ml



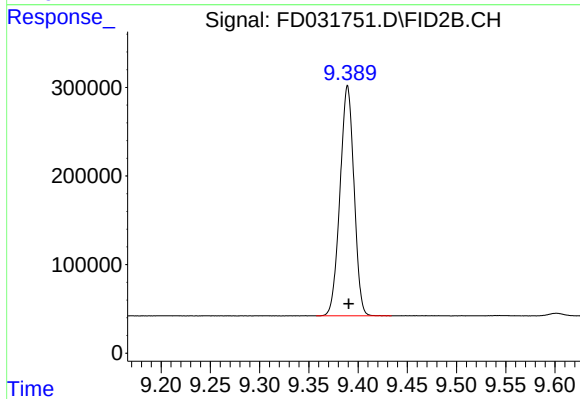
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.511 min  
Delta R.T.: 0.001 min  
Response: 1657471  
Conc: 20.12 ug/ml



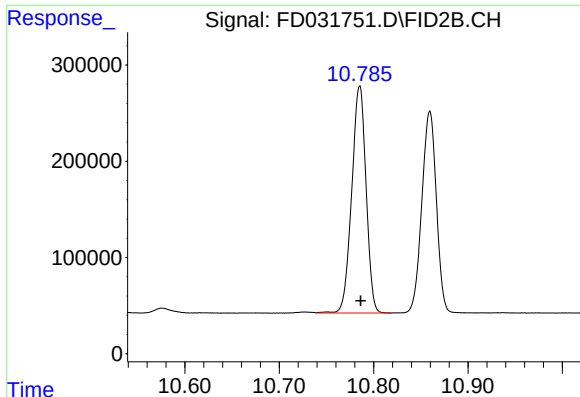
#7 Acenaphthene (C15.5)

R.T.: 8.610 min  
Delta R.T.: -0.002 min  
Response: 2650205  
Conc: 20.24 ug/ml



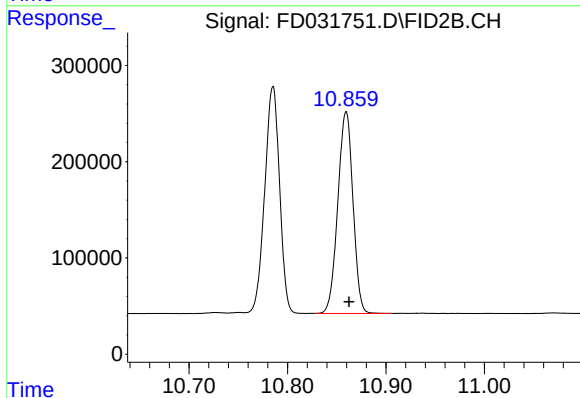
#8 Fluorene (C16.55)

R.T.: 9.389 min  
Delta R.T.: 0.000 min  
Response: 2570668  
Conc: 19.66 ug/ml



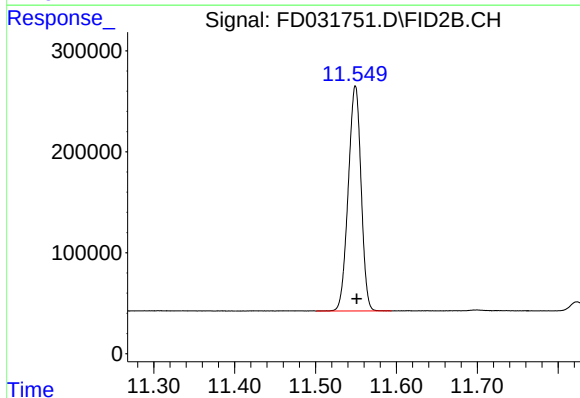
#9 Phenanthrene (C19.36)

R.T.: 10.785 min  
Delta R.T.: -0.001 min  
Response: 2486562  
Conc: 18.87 ug/ml



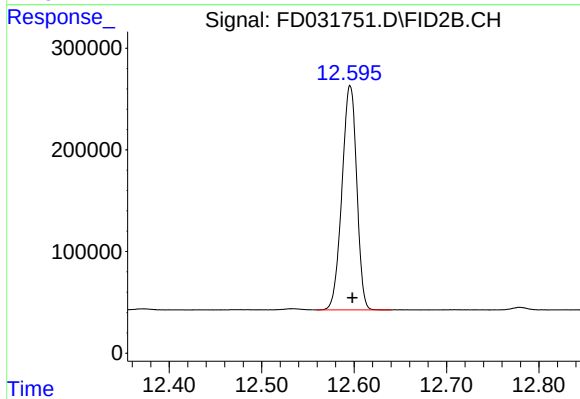
#10 Anthracene (C19.43)

R.T.: 10.860 min  
Delta R.T.: -0.003 min  
Response: 2239632  
Conc: 17.37 ug/ml



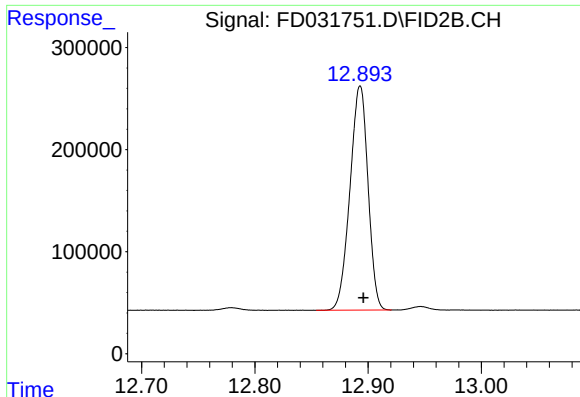
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min  
Delta R.T.: -0.002 min  
Response: 2458741  
Conc: 19.21 ug/ml



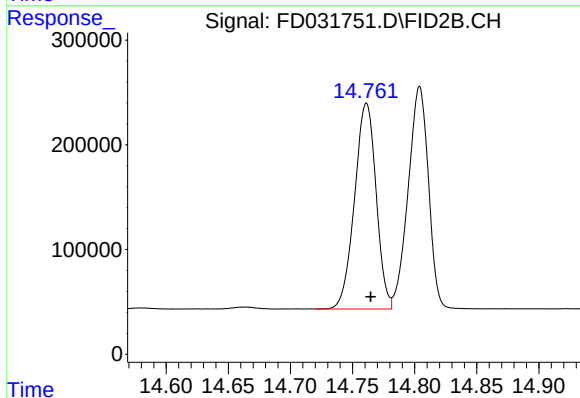
#12 Fluoranthene (C21.85)

R.T.: 12.596 min  
Delta R.T.: -0.002 min  
Response: 2449964  
Conc: 18.49 ug/ml



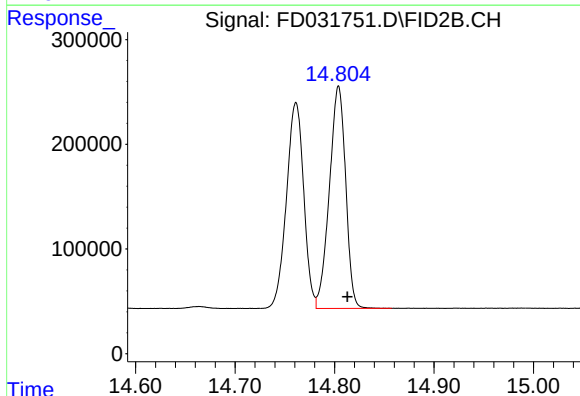
#13 Pyrene (C20.8)

R.T.: 12.893 min  
Delta R.T.: -0.003 min  
Response: 2434210  
Conc: 18.48 ug/ml



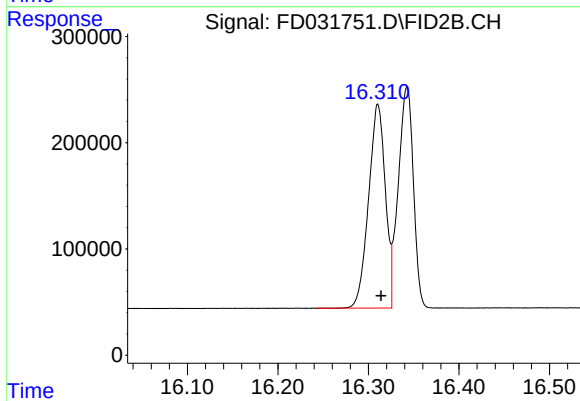
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min  
Delta R.T.: -0.003 min  
Response: 2372289  
Conc: 18.74 ug/ml



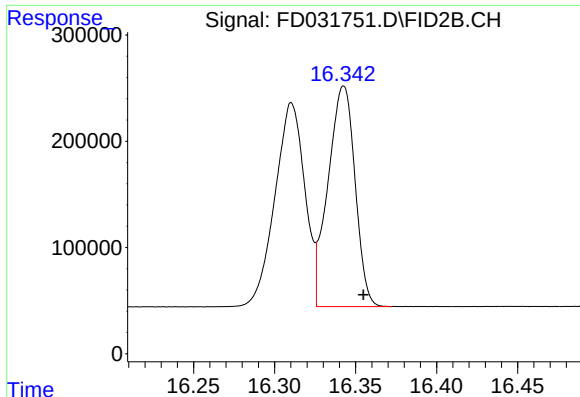
#15 Chrysene (C27.41)

R.T.: 14.804 min  
Delta R.T.: -0.009 min  
Response: 2415593  
Conc: 19.05 ug/ml



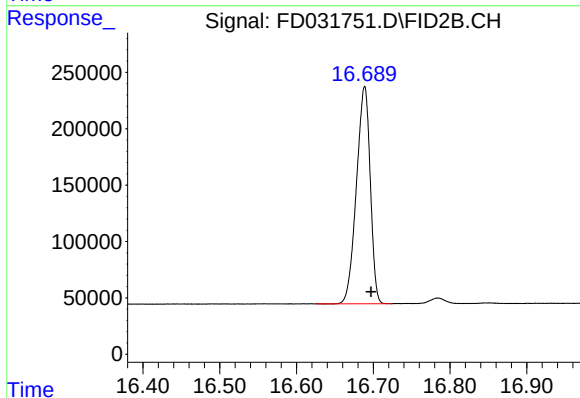
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.310 min  
Delta R.T.: -0.003 min  
Response: 2464591  
Conc: 19.63 ug/ml



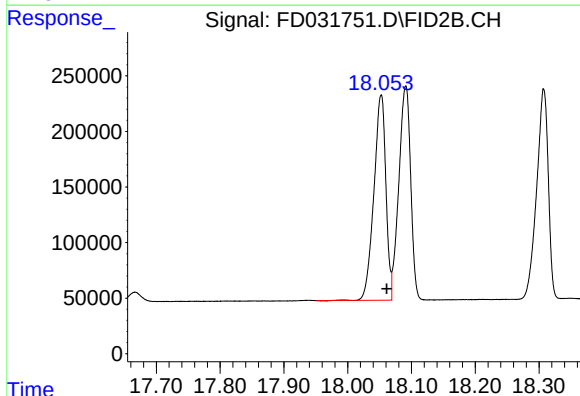
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.343 min  
Delta R.T.: -0.012 min  
Response: 2411433  
Conc: 19.16 ug/ml



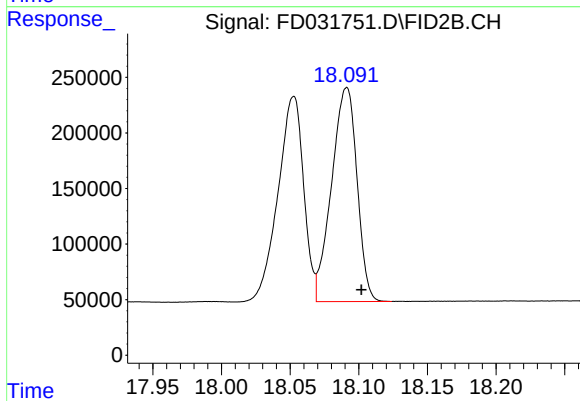
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min  
Delta R.T.: -0.008 min  
Response: 2412976  
Conc: 19.44 ug/ml



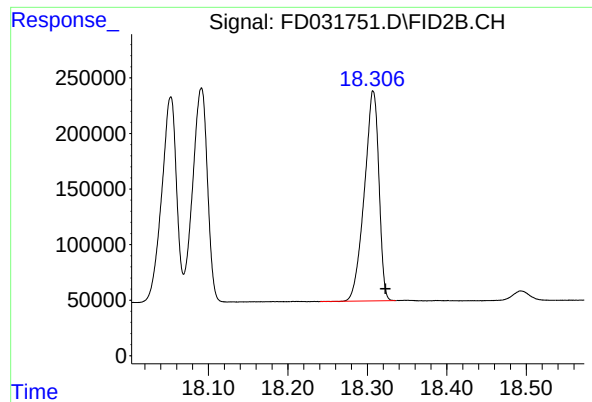
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.053 min  
Delta R.T.: -0.009 min  
Response: 2408229  
Conc: 19.80 ug/ml



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

R.T.: 18.091 min  
Delta R.T.: -0.011 min  
Response: 2483262  
Conc: 20.06 ug/ml



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

R.T.: 18.307 min  
Delta R.T.: -0.015 min  
Response: 2394019  
Conc: 19.85 ug/ml