

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100319AR\  
 Data File : FD030894.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Oct 2019 2:09  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 03:19:55 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 092519.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 26 04:51:24 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...      | 7.571  | 3808567    | 22.367 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.73%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.432  | 2485261    | 21.549 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.10%       |
| 11) S ortho-Terphenyl (SURR)       | 11.461 | 3913724    | 20.958 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.92%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.380  | 4303133    | 23.366 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.914  | 4372375    | 22.739 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.963  | 4266700    | 22.400 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.236  | 3978275    | 21.599 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.531  | 4195565    | 21.737 ug/ml |
| 8) T Flouorene (C16.55)            | 9.309  | 4030000    | 21.321 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.702 | 3874189    | 20.603 ug/ml |
| 10) T Anthracene (C19.43)          | 10.776 | 3501922    | 19.161 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.508 | 3703236    | 19.806 ug/ml |
| 13) T Pyrene (C20.8)               | 12.804 | 3571882    | 19.424 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.671 | 3386659    | 19.574 ug/ml |
| 15) T Chrysene (C27.41)            | 14.713 | 3509032    | 19.771 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.218 | 3526260    | 20.936 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.251 | 3535176    | 20.746 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.596 | 3475092    | 21.169 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.960 | 3505249    | 22.374 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.995 | 3549438    | 22.684 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.215 | 3482365    | 22.613 ug/ml |
| -----                              |        |            |              |

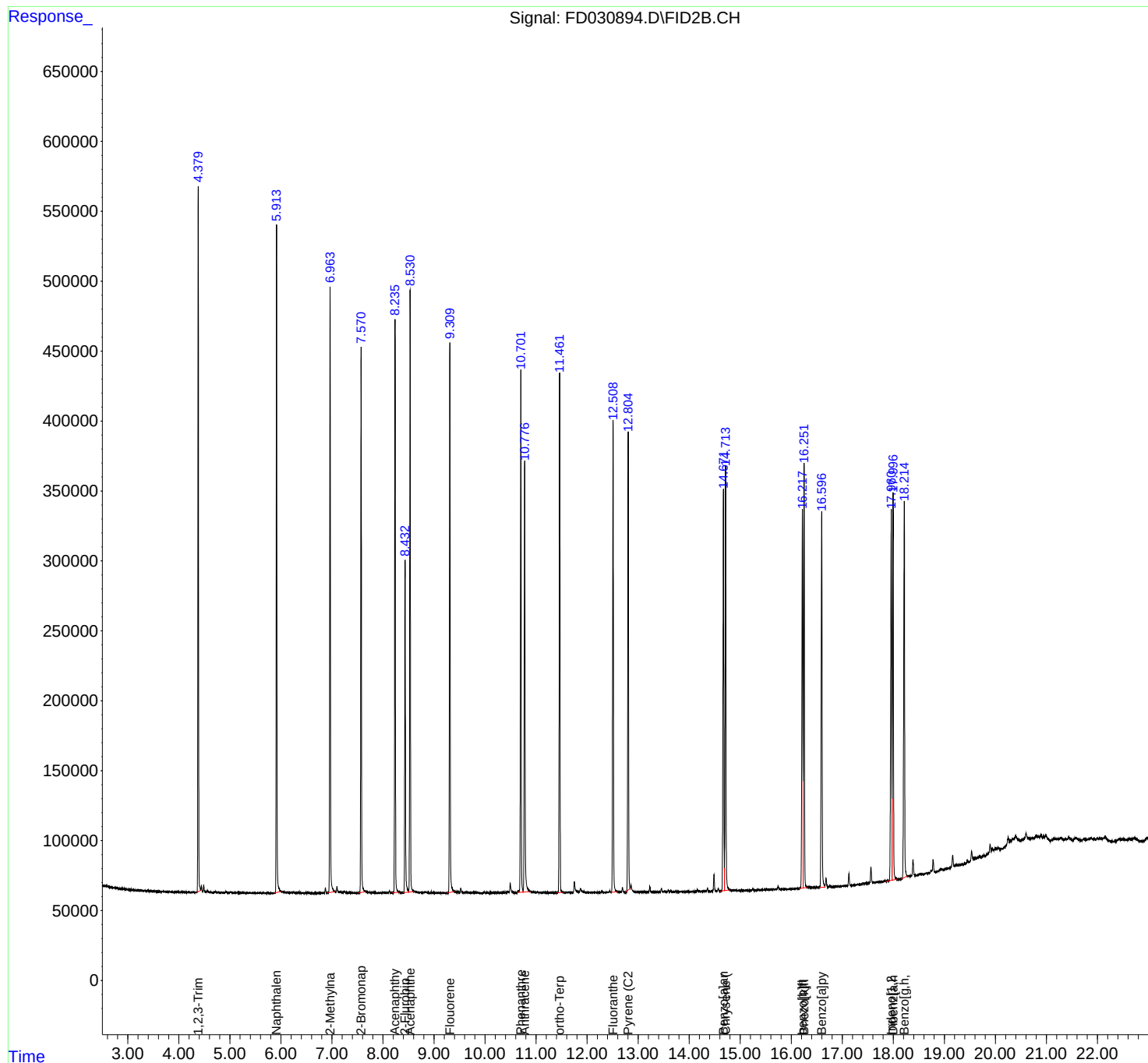
(f)=RT Delta > 1/2 Window

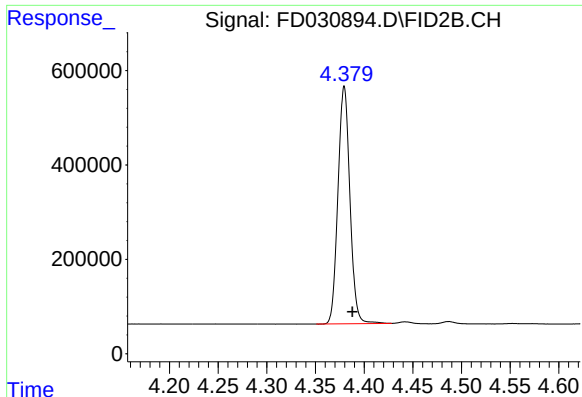
(m)=manual int.

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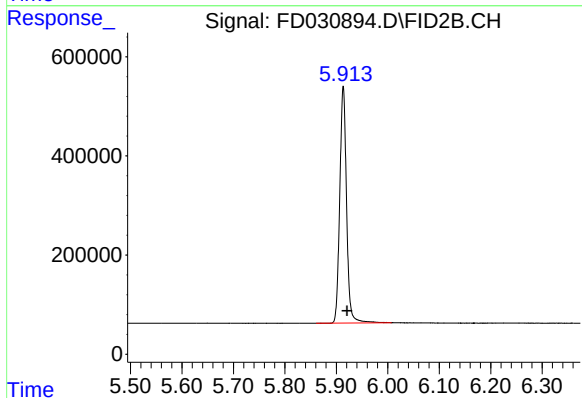
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





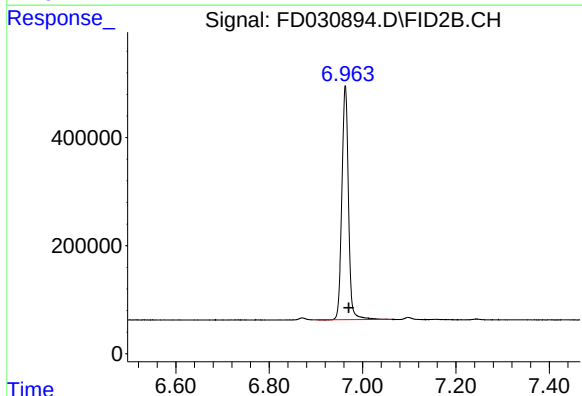
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min  
Delta R.T.: -0.008 min  
Response: 4303133  
Conc: 23.37 ug/ml



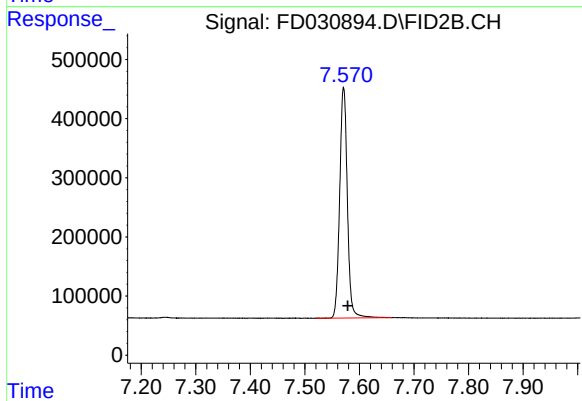
#2 Naphthalene (C11.7)

R.T.: 5.914 min  
Delta R.T.: -0.008 min  
Response: 4372375  
Conc: 22.74 ug/ml



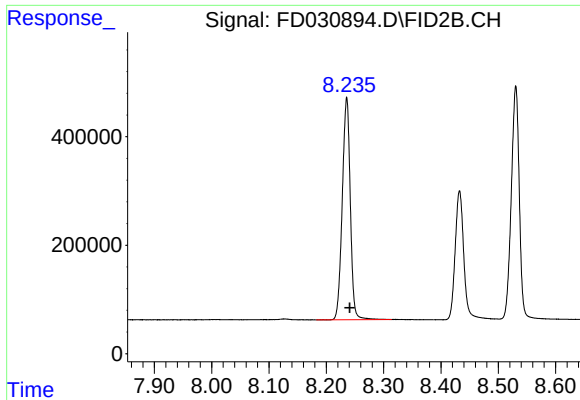
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min  
Delta R.T.: -0.007 min  
Response: 4266700  
Conc: 22.40 ug/ml



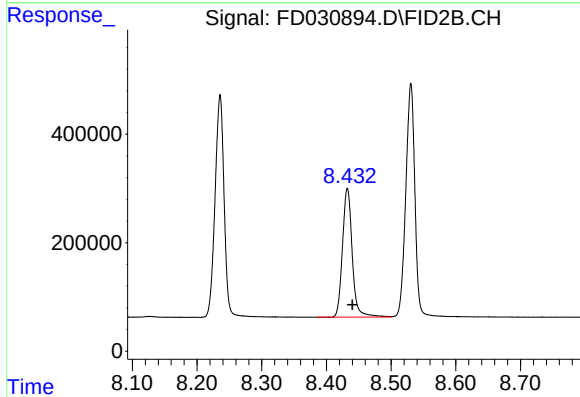
#4 2-Bromonaphthalene (SURR)

R.T.: 7.571 min  
Delta R.T.: -0.008 min  
Response: 3808567  
Conc: 22.37 ug/ml



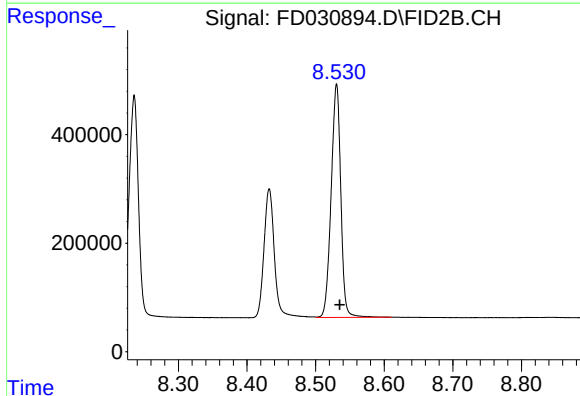
#5 Acenaphthylene (C15.06)

R.T.: 8.236 min  
Delta R.T.: -0.005 min  
Response: 3978275  
Conc: 21.60 ug/ml



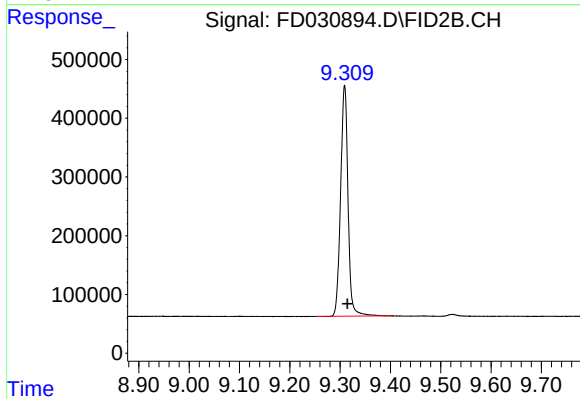
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min  
Delta R.T.: -0.008 min  
Response: 2485261  
Conc: 21.55 ug/ml



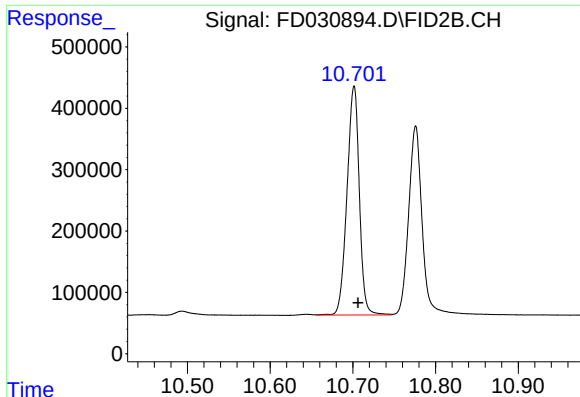
#7 Acenaphthene (C15.5)

R.T.: 8.531 min  
Delta R.T.: -0.004 min  
Response: 4195565  
Conc: 21.74 ug/ml



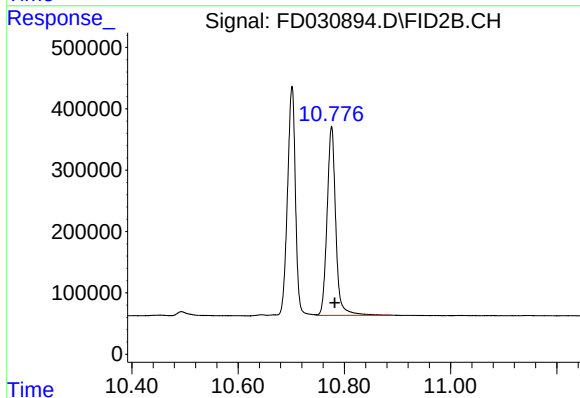
#8 Flouorene (C16.55)

R.T.: 9.309 min  
Delta R.T.: -0.006 min  
Response: 4030000  
Conc: 21.32 ug/ml



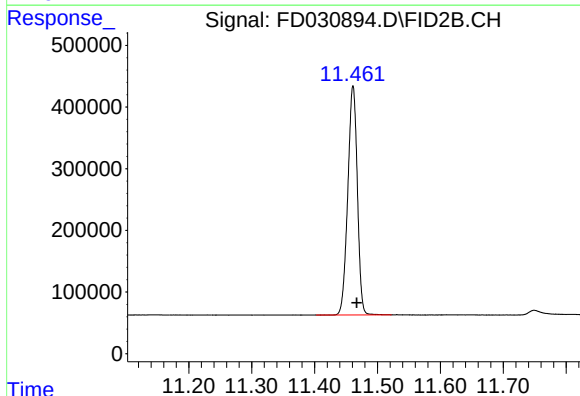
#9 Phenanthrene (C19.36)

R.T.: 10.702 min  
Delta R.T.: -0.005 min  
Response: 3874189  
Conc: 20.60 ug/ml



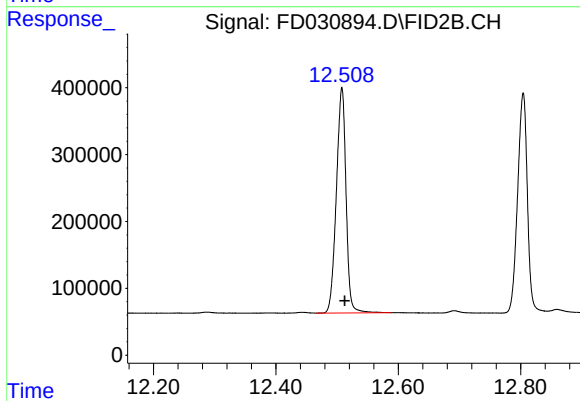
#10 Anthracene (C19.43)

R.T.: 10.776 min  
Delta R.T.: -0.006 min  
Response: 3501922  
Conc: 19.16 ug/ml



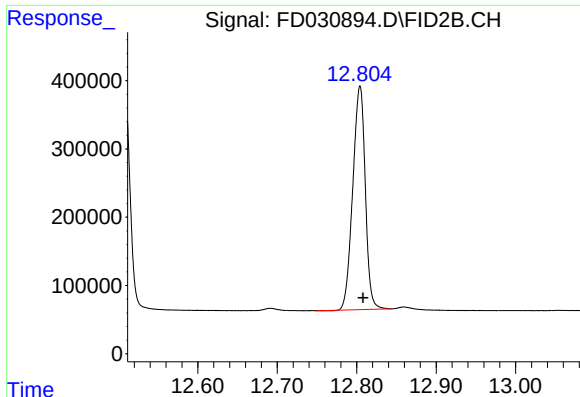
#11 ortho-Terphenyl (SURR)

R.T.: 11.461 min  
Delta R.T.: -0.006 min  
Response: 3913724  
Conc: 20.96 ug/ml



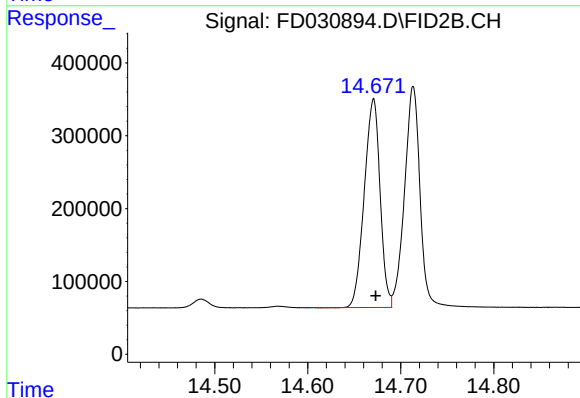
#12 Fluoranthene (C21.85)

R.T.: 12.508 min  
Delta R.T.: -0.004 min  
Response: 3703236  
Conc: 19.81 ug/ml



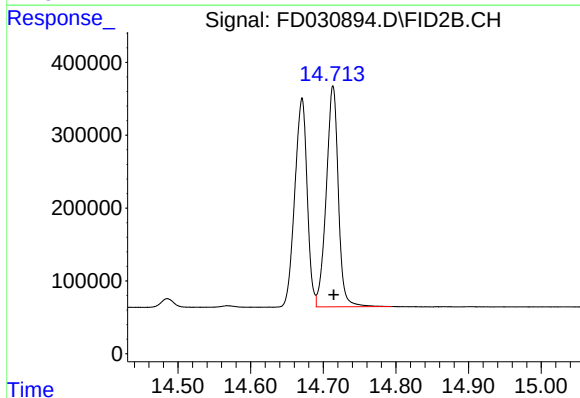
#13 Pyrene (C20.8)

R.T.: 12.804 min  
Delta R.T.: -0.004 min  
Response: 3571882  
Conc: 19.42 ug/ml



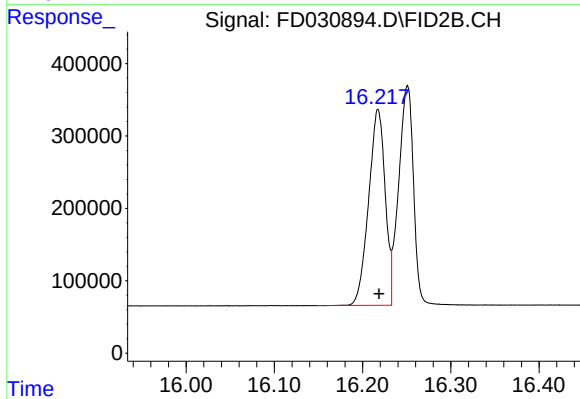
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min  
Delta R.T.: -0.002 min  
Response: 3386659  
Conc: 19.57 ug/ml



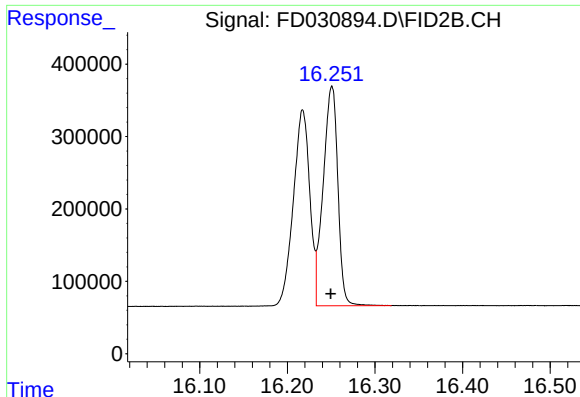
#15 Chrysene (C27.41)

R.T.: 14.713 min  
Delta R.T.: 0.000 min  
Response: 3509032  
Conc: 19.77 ug/ml



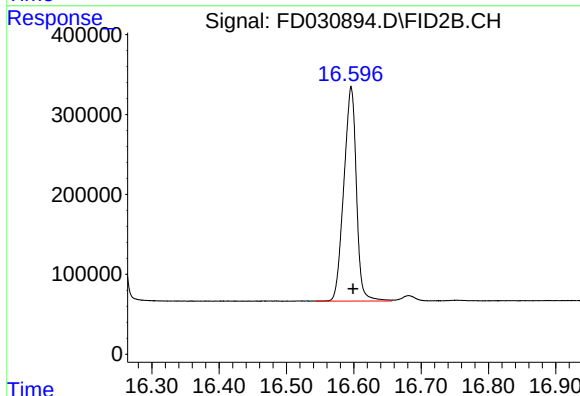
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min  
Delta R.T.: -0.001 min  
Response: 3526260  
Conc: 20.94 ug/ml



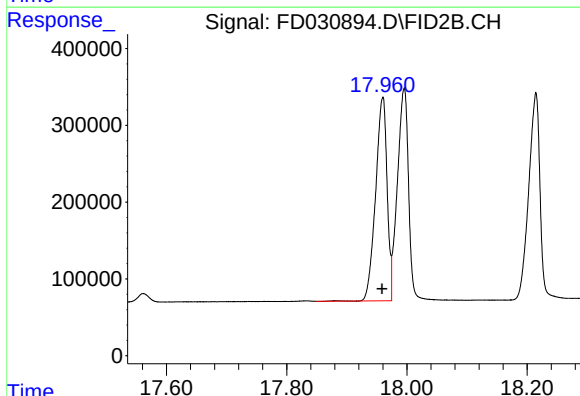
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.251 min  
Delta R.T.: 0.001 min  
Response: 3535176  
Conc: 20.75 ug/ml



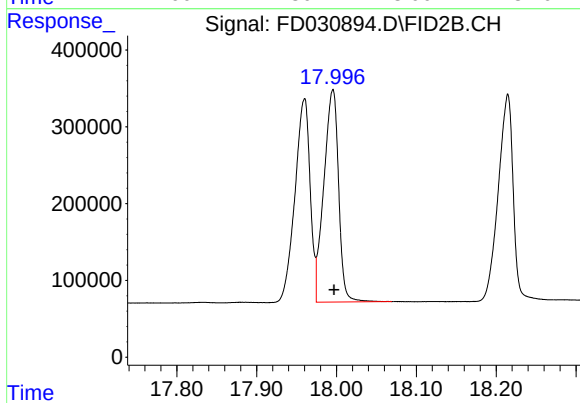
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.596 min  
Delta R.T.: -0.003 min  
Response: 3475092  
Conc: 21.17 ug/ml



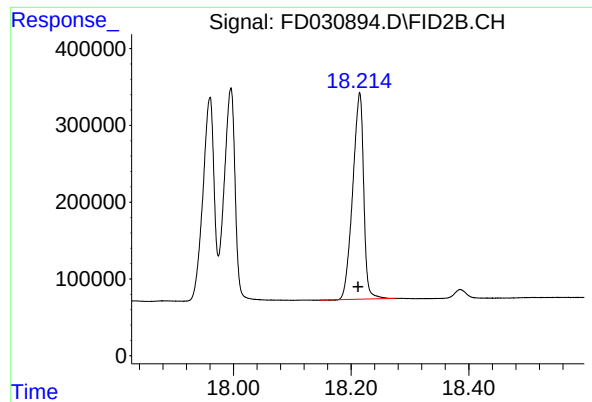
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min  
Delta R.T.: 0.001 min  
Response: 3505249  
Conc: 22.37 ug/ml



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

R.T.: 17.995 min  
Delta R.T.: -0.002 min  
Response: 3549438  
Conc: 22.68 ug/ml



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

R.T.: 18.215 min  
Delta R.T.: 0.003 min  
Response: 3482365  
Conc: 22.61 ug/ml