

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060622AR\  
 Data File : FD042776.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Jun 2022 14:10  
 Operator : UA/NP  
 Sample : N1645-02  
 Misc : 5 PPM LOQ SOIL  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 07 02:03:47 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:34:31 2022  
 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...      | 7.666  | 7402949    | 48.445 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.89%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.531  | 4954434    | 48.174 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 96.35%       |
| 11) S ortho-Terphenyl (SURR)       | 11.581 | 7405466    | 41.716 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 83.43%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.454  | 711066     | 4.247 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.997  | 817375     | 4.728 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.051  | 814542     | 5.108 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.330  | 771547     | 4.466 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.626  | 808721     | 4.700 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.407  | 784962     | 4.676 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.806 | 774954     | 4.713 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.880 | 730588     | 4.780 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.621 | 753128     | 4.780 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.918 | 730989     | 4.695 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.791 | 678469     | 5.089 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.832 | 688061     | 5.208 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.341 | 688476     | 5.168 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.373 | 682803     | 5.513 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.720 | 616935     | 4.984 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.084 | 617518     | 5.540 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.127 | 680925     | 6.121 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.338 | 676205     | 5.689 ug/ml  |
| -----                              |        |            |              |

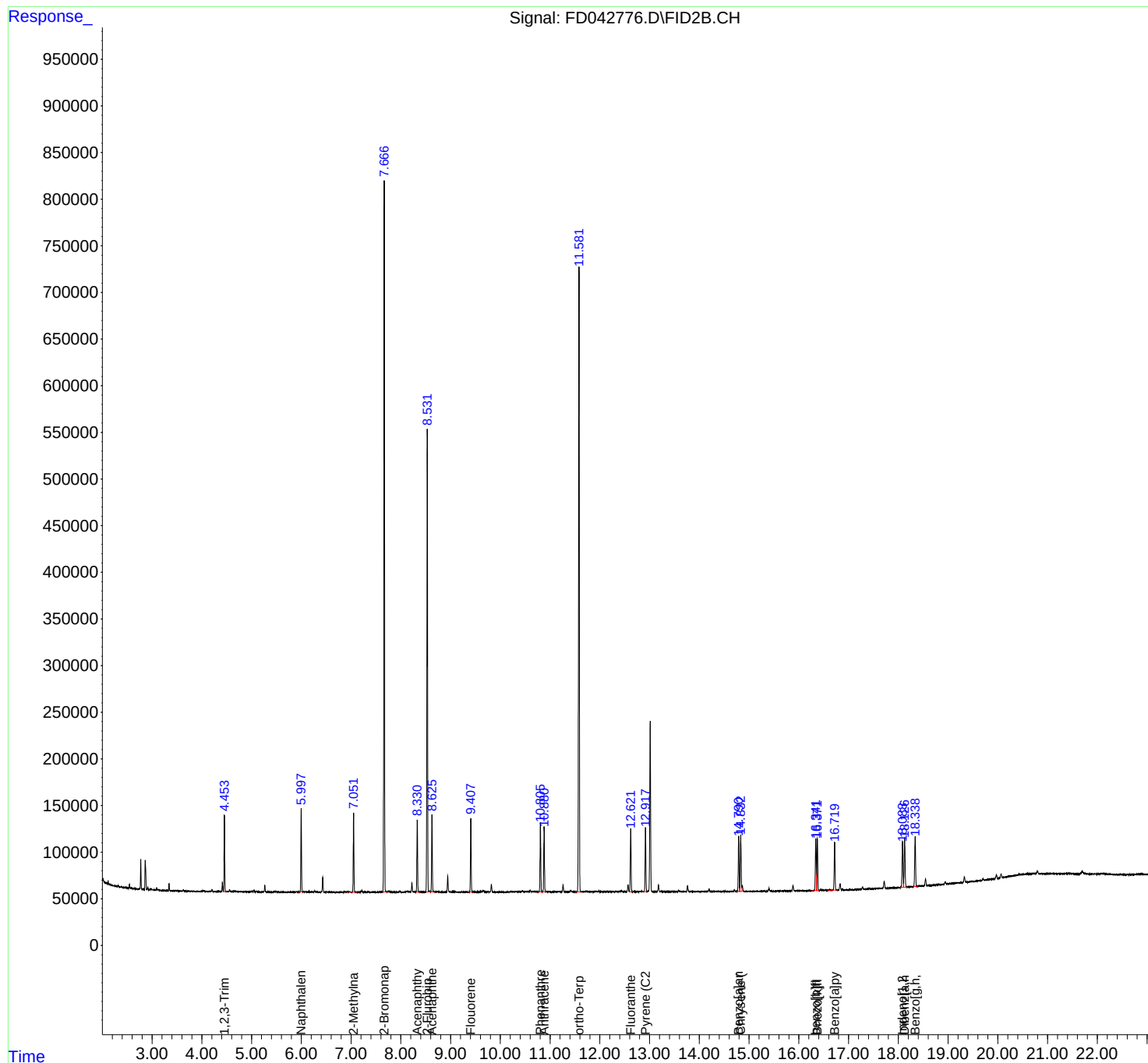
(f)=RT Delta > 1/2 Window

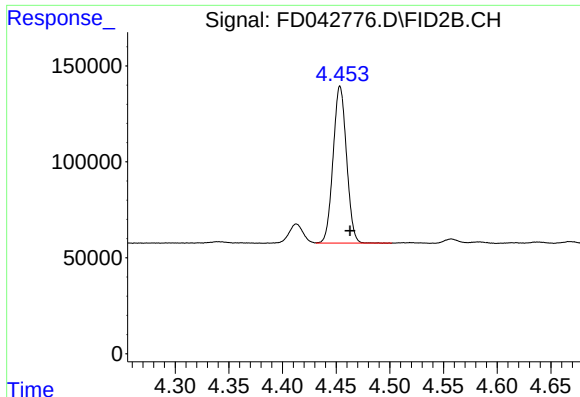
(m)=manual int.

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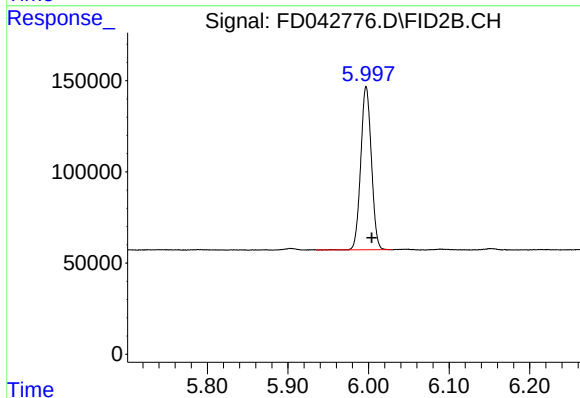
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





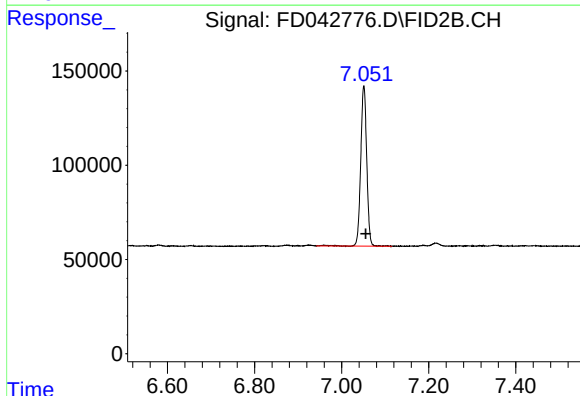
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.454 min  
Delta R.T.: -0.009 min  
Response: 711066  
Conc: 4.25 ug/ml



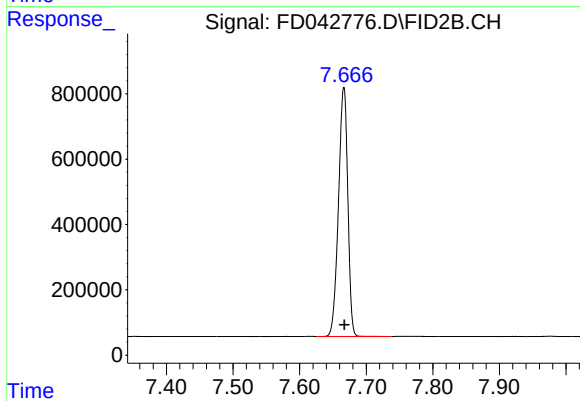
#2 Naphthalene (C11.7)

R.T.: 5.997 min  
Delta R.T.: -0.007 min  
Response: 817375  
Conc: 4.73 ug/ml



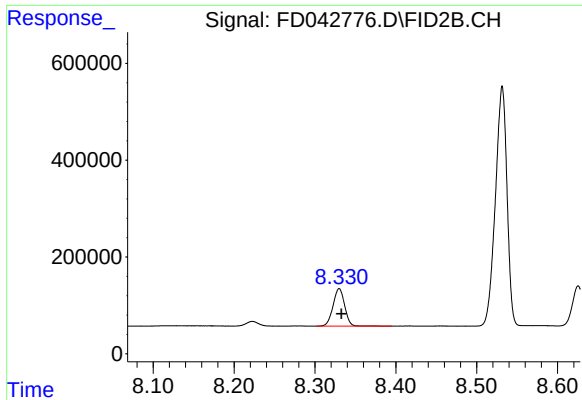
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min  
Delta R.T.: -0.005 min  
Response: 814542  
Conc: 5.11 ug/ml



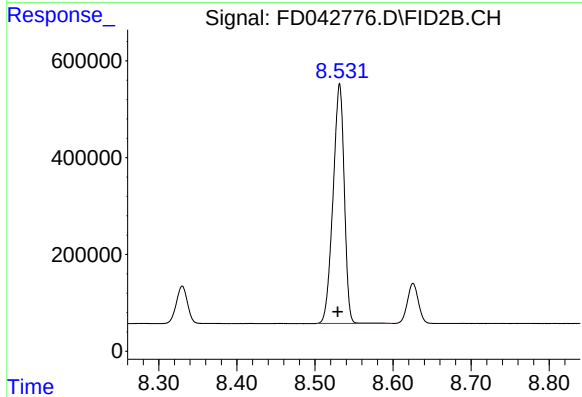
#4 2-Bromonaphthalene (SURR)

R.T.: 7.666 min  
Delta R.T.: -0.001 min  
Response: 7402949  
Conc: 48.45 ug/ml



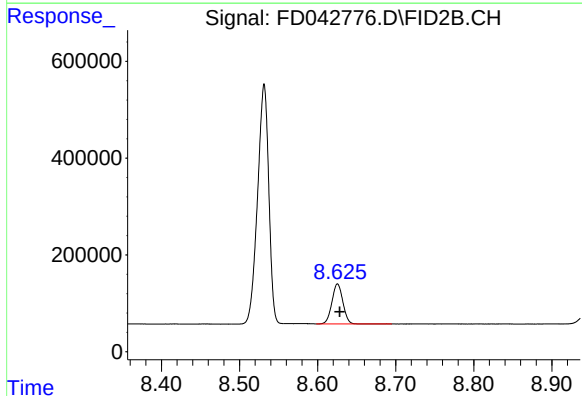
#5 Acenaphthylene (C15.06)

R.T.: 8.330 min  
Delta R.T.: -0.003 min  
Response: 771547  
Conc: 4.47 ug/ml



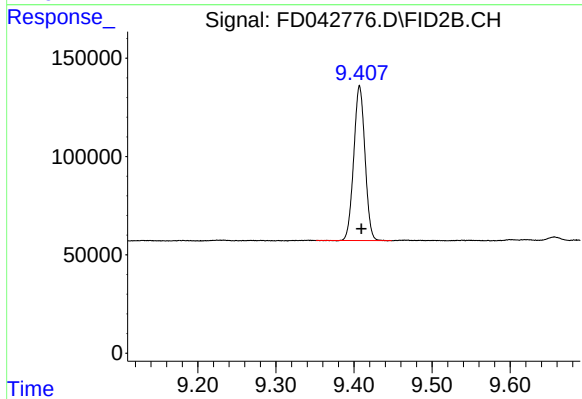
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.531 min  
Delta R.T.: 0.002 min  
Response: 4954434  
Conc: 48.17 ug/ml



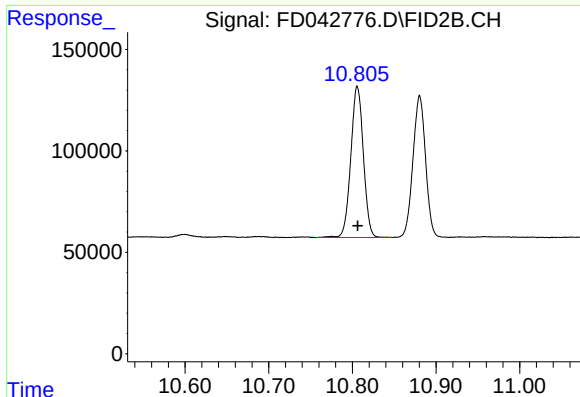
#7 Acenaphthene (C15.5)

R.T.: 8.626 min  
Delta R.T.: -0.003 min  
Response: 808721  
Conc: 4.70 ug/ml



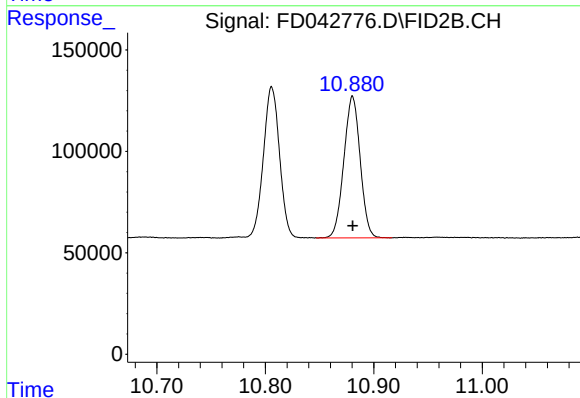
#8 Fluorene (C16.55)

R.T.: 9.407 min  
Delta R.T.: -0.002 min  
Response: 784962  
Conc: 4.68 ug/ml



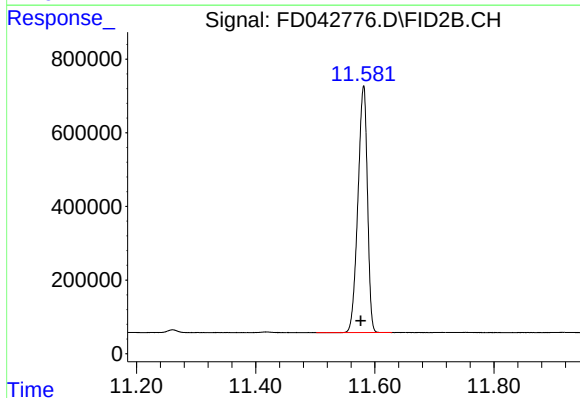
#9 Phenanthrene (C19.36)

R.T.: 10.806 min  
Delta R.T.: 0.000 min  
Response: 774954  
Conc: 4.71 ug/ml



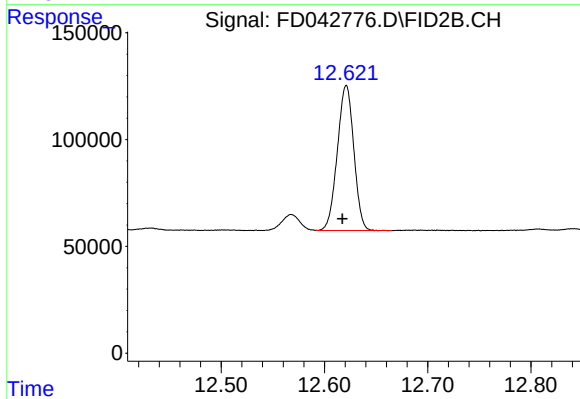
#10 Anthracene (C19.43)

R.T.: 10.880 min  
Delta R.T.: 0.000 min  
Response: 730588  
Conc: 4.78 ug/ml



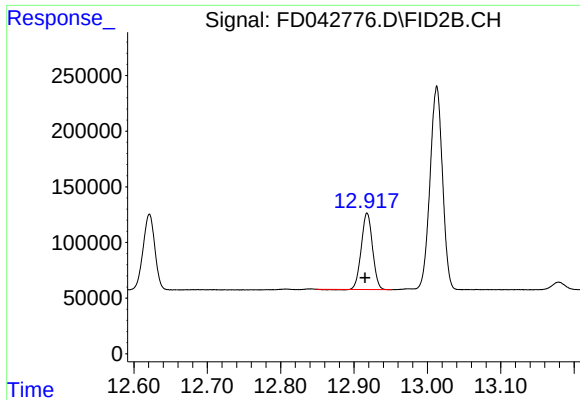
#11 ortho-Terphenyl (SURR)

R.T.: 11.581 min  
Delta R.T.: 0.005 min  
Response: 7405466  
Conc: 41.72 ug/ml



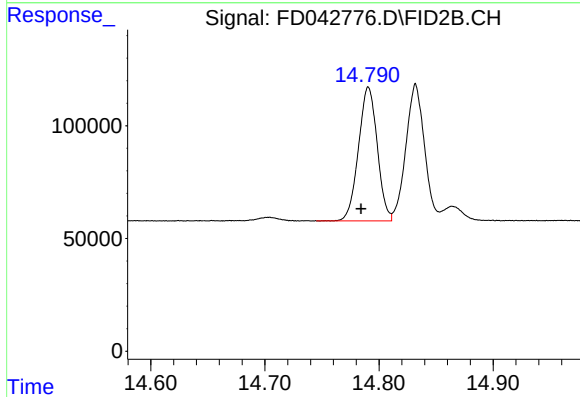
#12 Fluoranthene (C21.85)

R.T.: 12.621 min  
Delta R.T.: 0.004 min  
Response: 753128  
Conc: 4.78 ug/ml



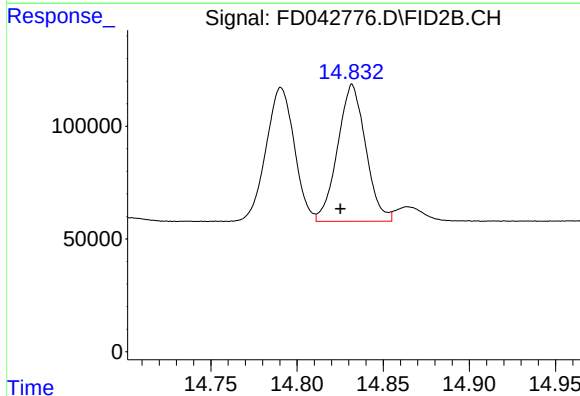
#13 Pyrene (C20.8)

R.T.: 12.918 min  
Delta R.T.: 0.003 min  
Response: 730989  
Conc: 4.70 ug/ml



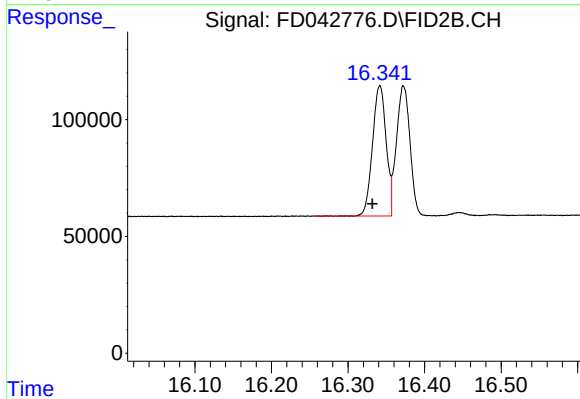
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min  
Delta R.T.: 0.007 min  
Response: 678469  
Conc: 5.09 ug/ml



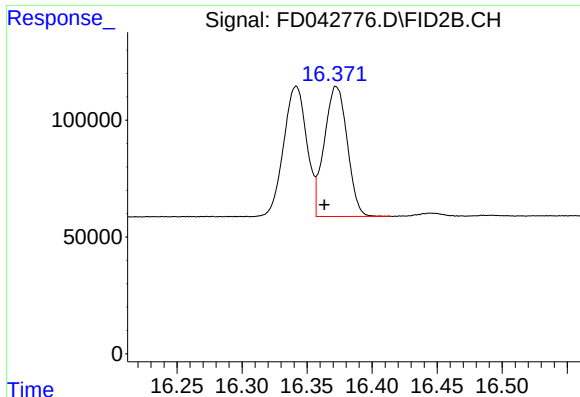
#15 Chrysene (C27.41)

R.T.: 14.832 min  
Delta R.T.: 0.007 min  
Response: 688061  
Conc: 5.21 ug/ml



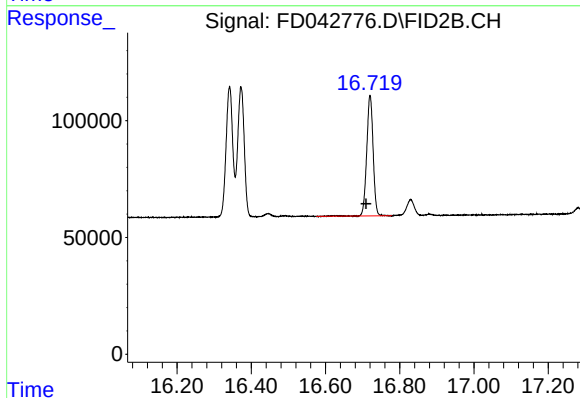
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.341 min  
Delta R.T.: 0.010 min  
Response: 688476  
Conc: 5.17 ug/ml



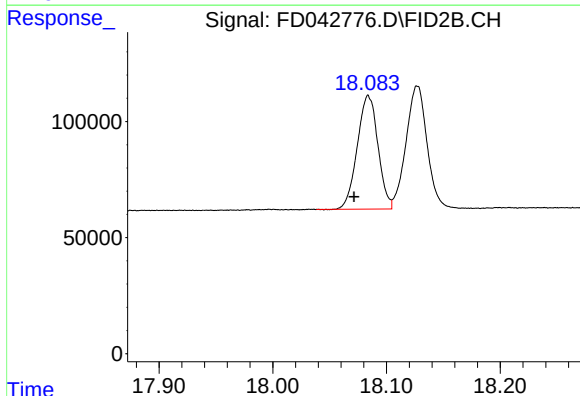
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.373 min  
Delta R.T.: 0.009 min  
Response: 682803  
Conc: 5.51 ug/ml



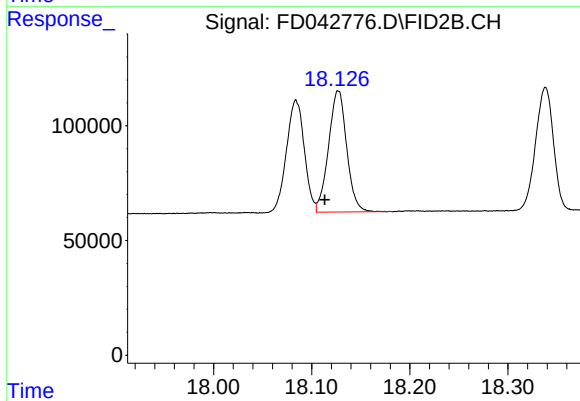
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.720 min  
Delta R.T.: 0.010 min  
Response: 616935  
Conc: 4.98 ug/ml



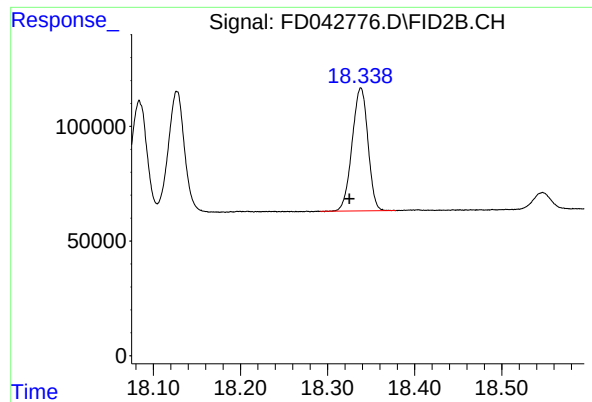
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.084 min  
Delta R.T.: 0.013 min  
Response: 617518  
Conc: 5.54 ug/ml



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

R.T.: 18.127 min  
Delta R.T.: 0.014 min  
Response: 680925  
Conc: 6.12 ug/ml



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

R.T.: 18.338 min  
Delta R.T.: 0.013 min  
Response: 676205  
Conc: 5.69 ug/ml