

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051121AR\  
 Data File : FD037459.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 May 2021 15:08  
 Operator : DD\AJ  
 Sample : M2262-09  
 Misc : MDL-WATER- 2.5 PPM  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 12 03:55:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042121.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 22 07:01:17 2021  
 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...      | 7.560  | 4797020    | 40.571 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 81.14%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.421  | 2909536    | 37.707 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 75.41%       |
| 11) S ortho-Terphenyl (SURR)       | 11.463 | 4482176    | 36.288 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 72.58%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.359  | 223029     | 1.677 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.896  | 239945     | 1.745 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.947  | 238914     | 1.782 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.222  | 217396     | 1.738 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.517  | 223963     | 1.733 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.297  | 208640     | 1.703 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.692 | 201640     | 1.711 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.766 | 191948     | 1.666 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.501 | 226602     | 1.943 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.796 | 249643     | 2.168 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.665 | 190866     | 1.734 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.706 | 221689     | 1.958 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.213 | 257370     | 2.295 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.243 | 229106     | 2.127 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.592 | 219161     | 2.118 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.955 | 217222     | 2.042 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.997 | 255837     | 2.449 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.207 | 215163     | 2.014 ug/ml  |
| -----                              |        |            |              |

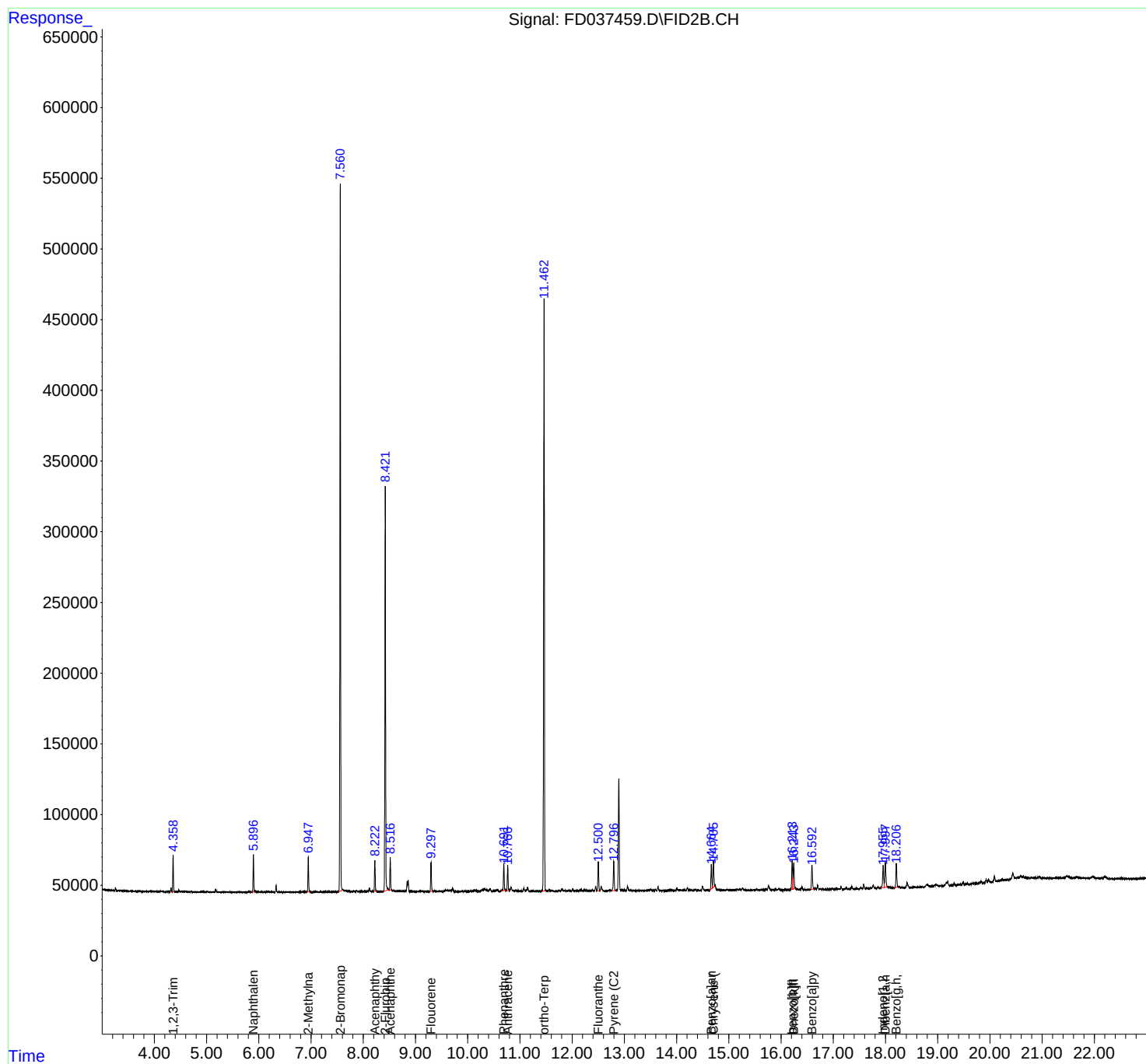
(f)=RT Delta > 1/2 Window

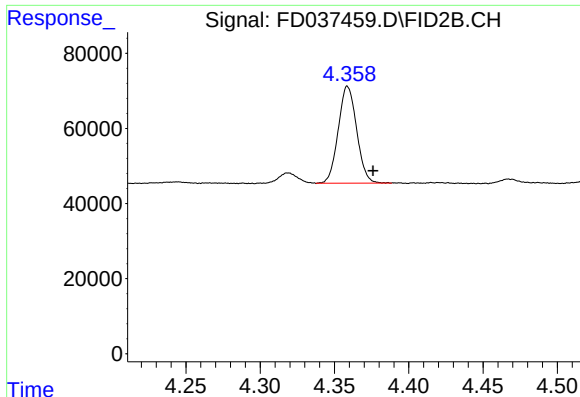
(m)=manual int.

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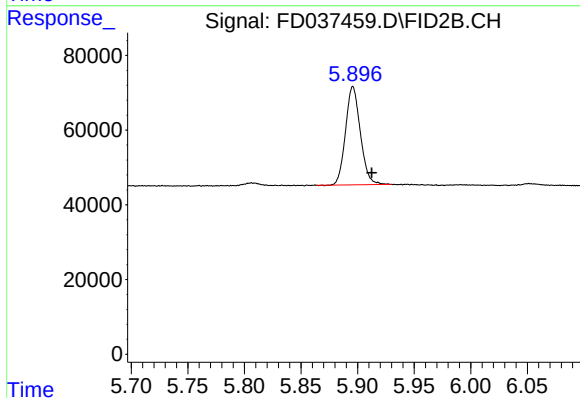
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





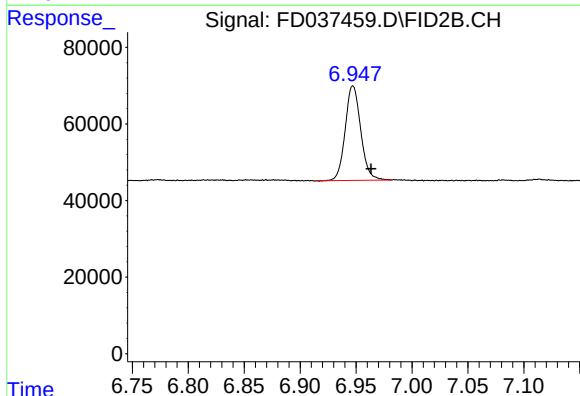
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.359 min  
Delta R.T.: -0.017 min  
Response: 223029  
Conc: 1.68 ug/ml



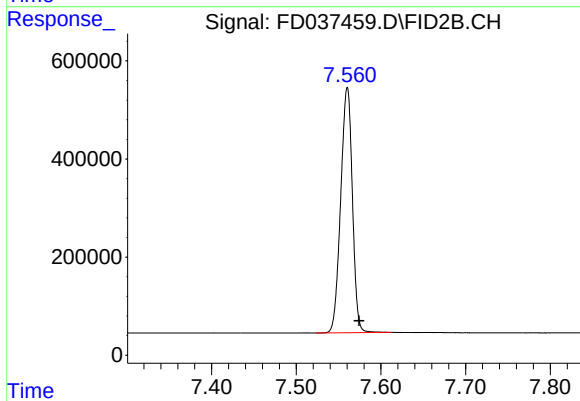
#2 Naphthalene (C11.7)

R.T.: 5.896 min  
Delta R.T.: -0.017 min  
Response: 239945  
Conc: 1.75 ug/ml



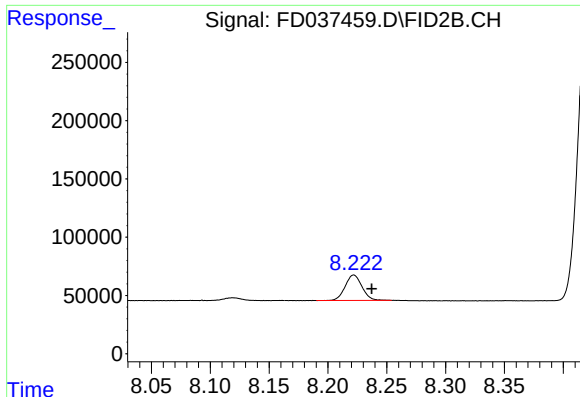
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min  
Delta R.T.: -0.016 min  
Response: 238914  
Conc: 1.78 ug/ml



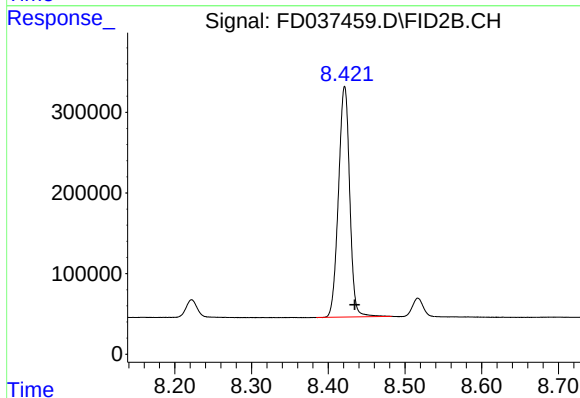
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min  
Delta R.T.: -0.014 min  
Response: 4797020  
Conc: 40.57 ug/ml



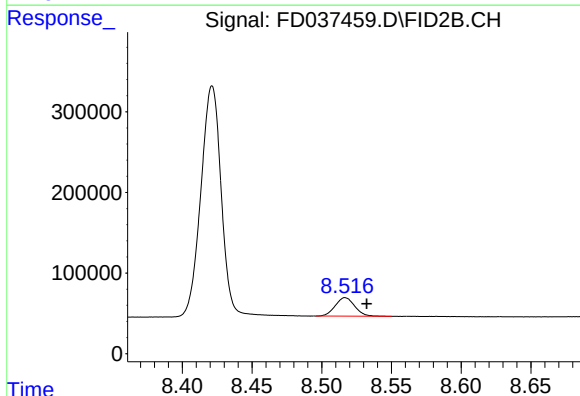
#5 Acenaphthylene (C15.06)

R.T.: 8.222 min  
Delta R.T.: -0.015 min  
Response: 217396  
Conc: 1.74 ug/ml



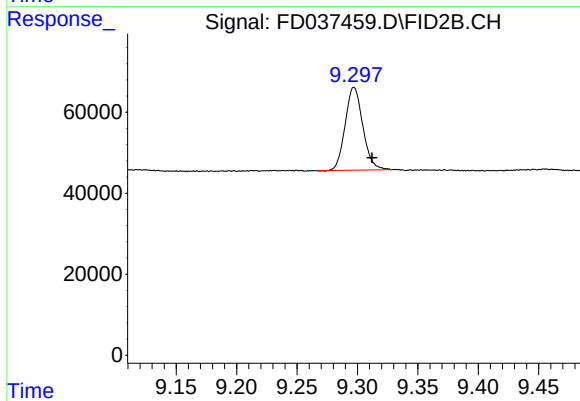
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min  
Delta R.T.: -0.013 min  
Response: 2909536  
Conc: 37.71 ug/ml



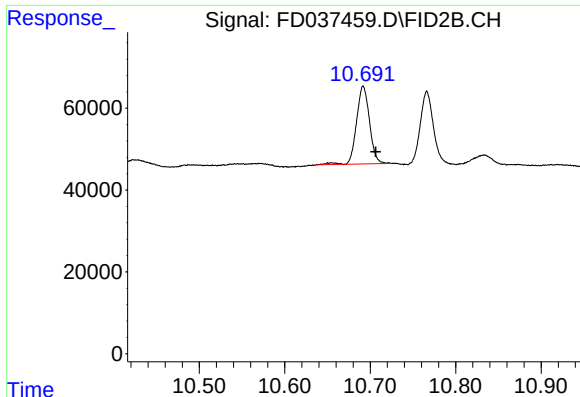
#7 Acenaphthene (C15.5)

R.T.: 8.517 min  
Delta R.T.: -0.015 min  
Response: 223963  
Conc: 1.73 ug/ml



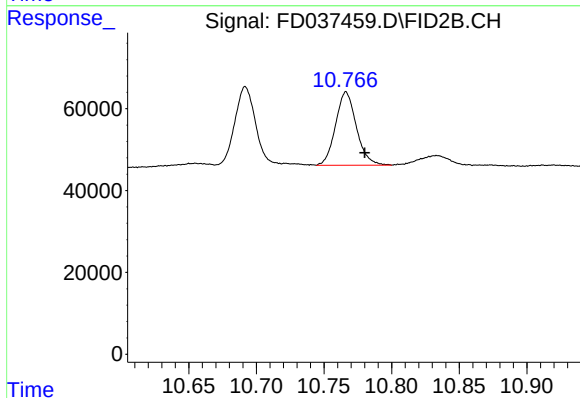
#8 Flouorene (C16.55)

R.T.: 9.297 min  
Delta R.T.: -0.015 min  
Response: 208640  
Conc: 1.70 ug/ml



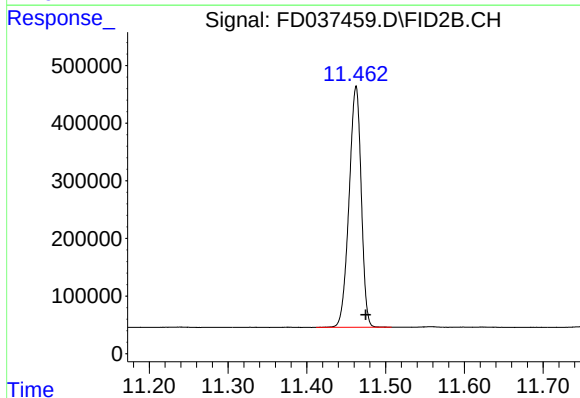
#9 Phenanthrene (C19.36)

R.T.: 10.692 min  
Delta R.T.: -0.015 min  
Response: 201640  
Conc: 1.71 ug/ml



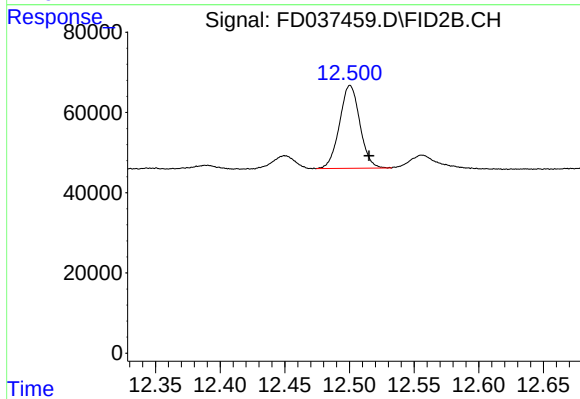
#10 Anthracene (C19.43)

R.T.: 10.766 min  
Delta R.T.: -0.014 min  
Response: 191948  
Conc: 1.67 ug/ml



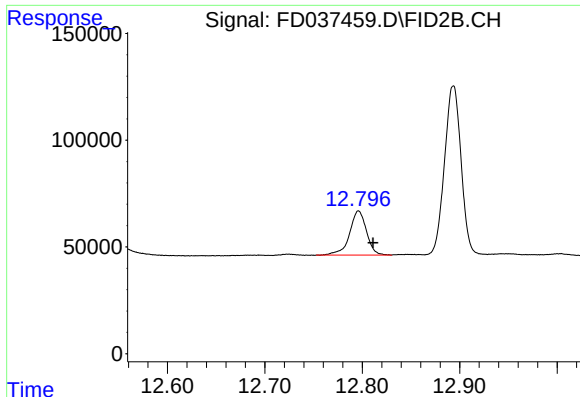
#11 ortho-Terphenyl (SURR)

R.T.: 11.463 min  
Delta R.T.: -0.012 min  
Response: 4482176  
Conc: 36.29 ug/ml



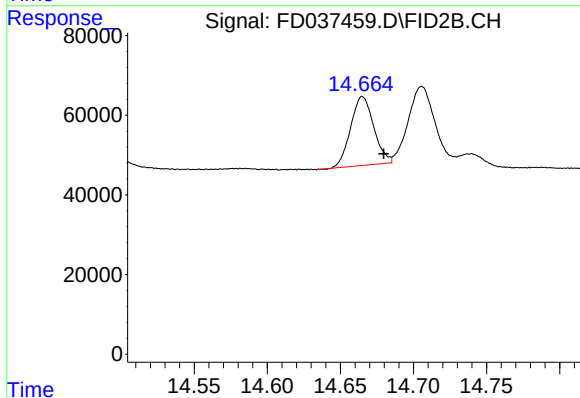
#12 Fluoranthene (C21.85)

R.T.: 12.501 min  
Delta R.T.: -0.015 min  
Response: 226602  
Conc: 1.94 ug/ml



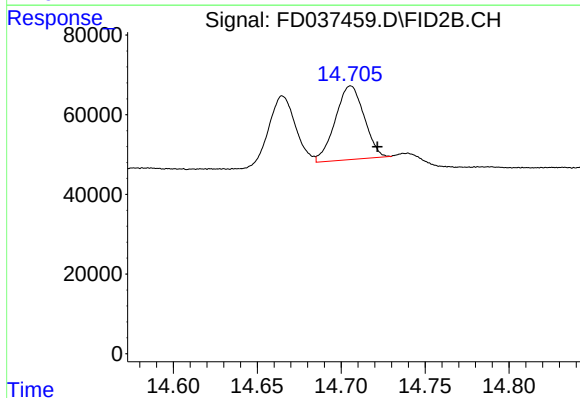
#13 Pyrene (C20.8)

R.T.: 12.796 min  
Delta R.T.: -0.015 min  
Response: 249643  
Conc: 2.17 ug/ml



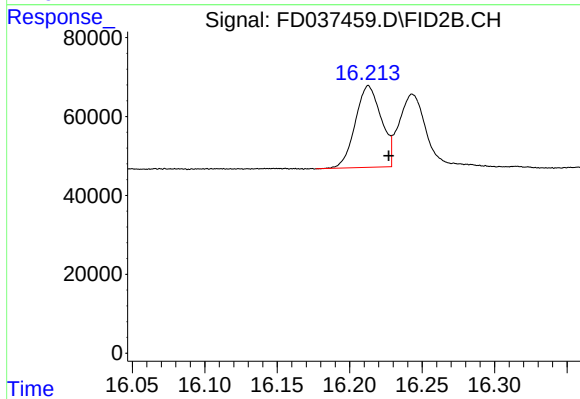
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min  
Delta R.T.: -0.015 min  
Response: 190866  
Conc: 1.73 ug/ml



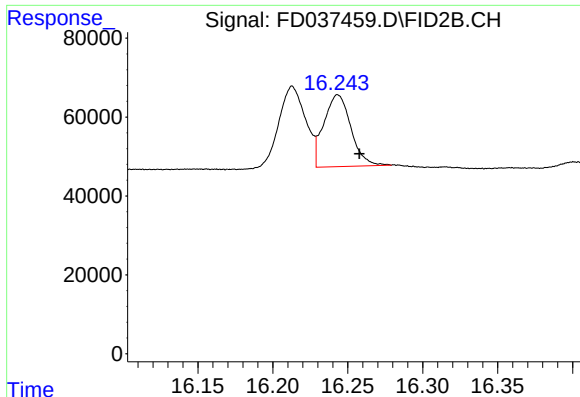
#15 Chrysene (C27.41)

R.T.: 14.706 min  
Delta R.T.: -0.016 min  
Response: 221689  
Conc: 1.96 ug/ml



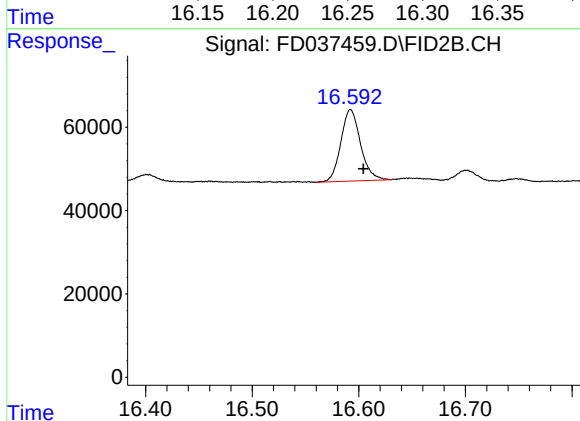
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.213 min  
Delta R.T.: -0.014 min  
Response: 257370  
Conc: 2.29 ug/ml



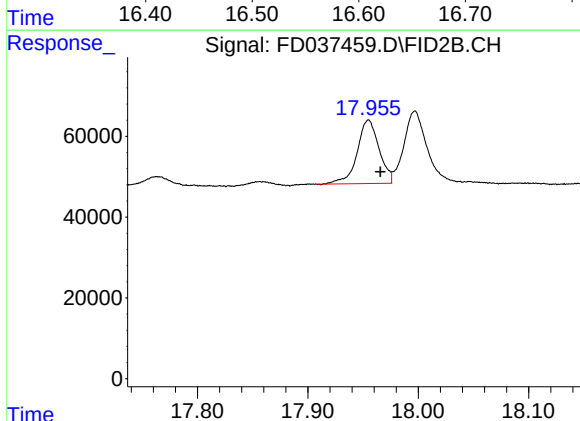
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min  
Delta R.T.: -0.014 min  
Response: 229106  
Conc: 2.13 ug/ml



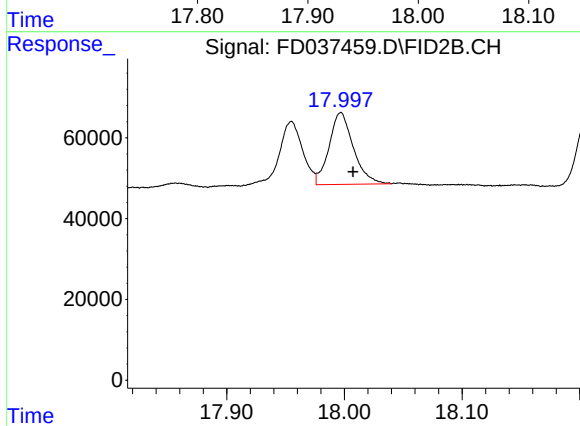
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.592 min  
Delta R.T.: -0.012 min  
Response: 219161  
Conc: 2.12 ug/ml



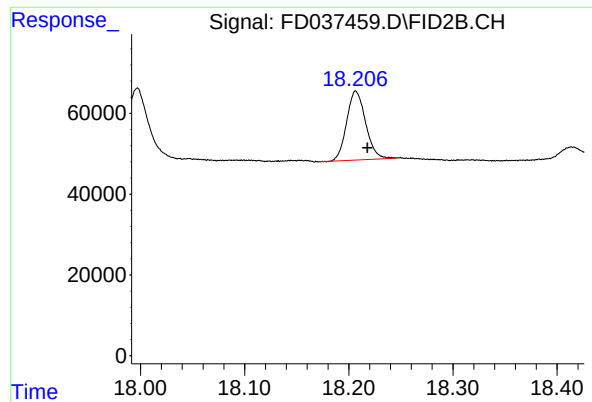
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min  
Delta R.T.: -0.011 min  
Response: 217222  
Conc: 2.04 ug/ml



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

R.T.: 17.997 min  
Delta R.T.: -0.010 min  
Response: 255837  
Conc: 2.45 ug/ml



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

R.T.: 18.207 min  
Delta R.T.: -0.011 min  
Response: 215163  
Conc: 2.01 ug/ml