

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071521AR\  
 Data File : FD038225.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Jul 2021 21:30  
 Operator : AJ\MA  
 Sample : M2940-07  
 Misc : AR LOD 4 PPM  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 16 04:52:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 070621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 07 10:27:43 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...      | 7.524  | 4157847    | 31.903 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 63.81%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.386  | 2653632    | 29.987 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 59.97%       |
| 11) S ortho-Terphenyl (SURR)       | 11.423 | 5907175    | 38.978 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 77.96%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.328  | 443899     | 3.134 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.864  | 447044     | 3.024 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.913  | 436006     | 2.971 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.186  | 428952     | 2.876 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.480  | 468285     | 3.024 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.261  | 402412     | 2.745 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.656 | 362158     | 2.505 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.732 | 317083     | 2.241 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.467 | 368002     | 2.540 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.764 | 355657     | 2.496 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.637 | 322898     | 2.529 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.677 | 399359     | 2.821 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.189 | 354189     | 2.840 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.220 | 372603     | 2.840 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.571 | 327477     | 2.792 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.940 | 327976     | 3.169 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.975 | 390361     | 3.312 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.193 | 360473     | 3.303 ug/ml  |
| -----                              |        |            |              |

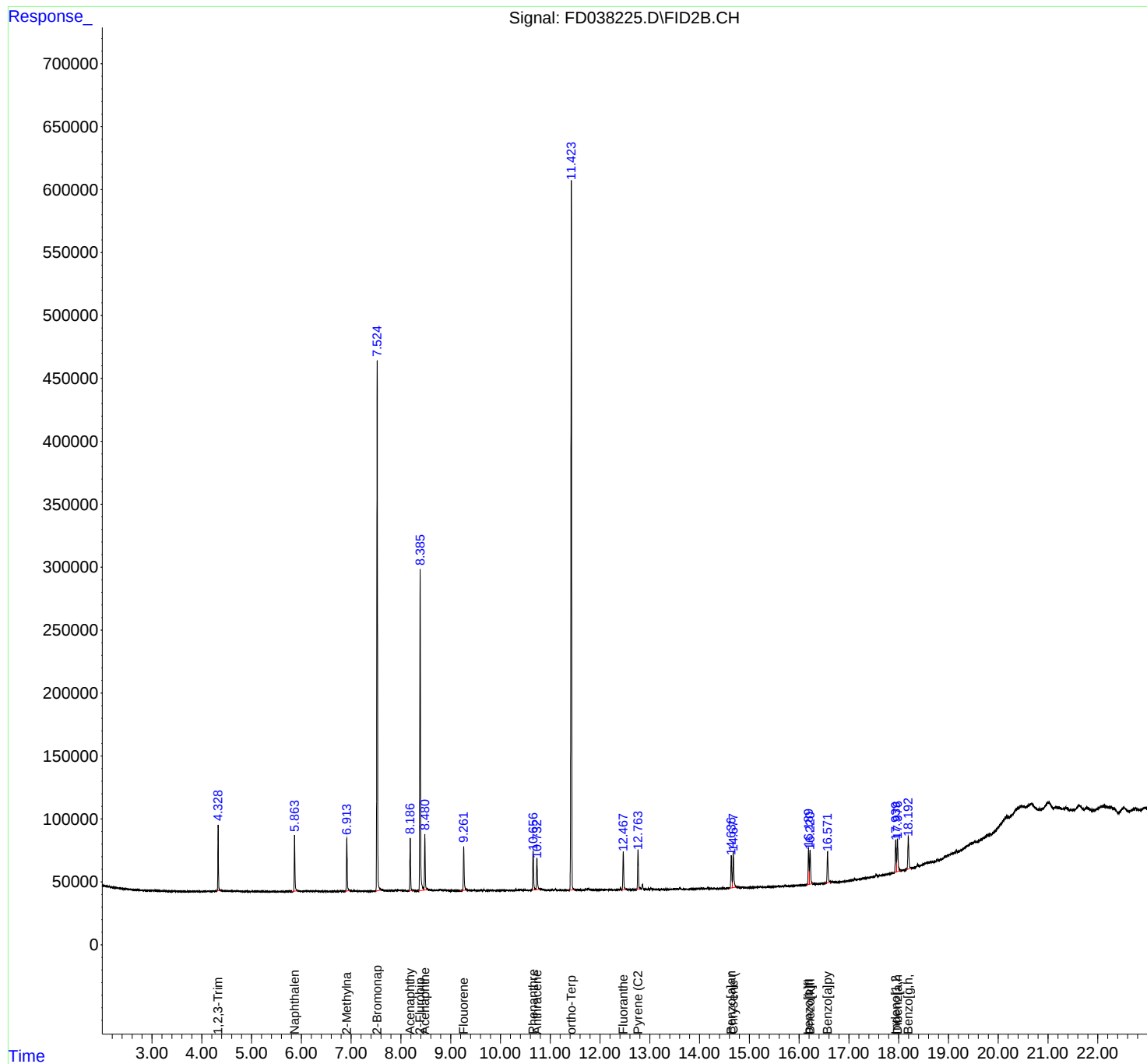
(f)=RT Delta > 1/2 Window

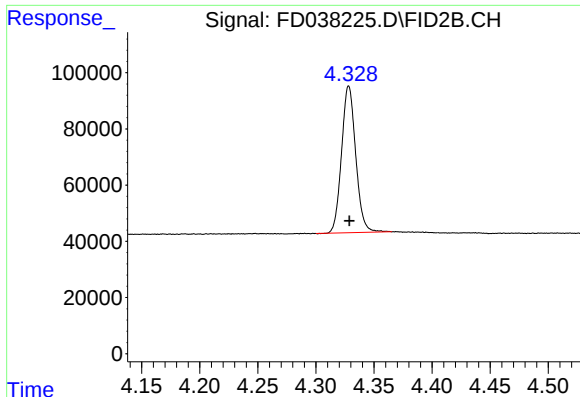
(m)=manual int.

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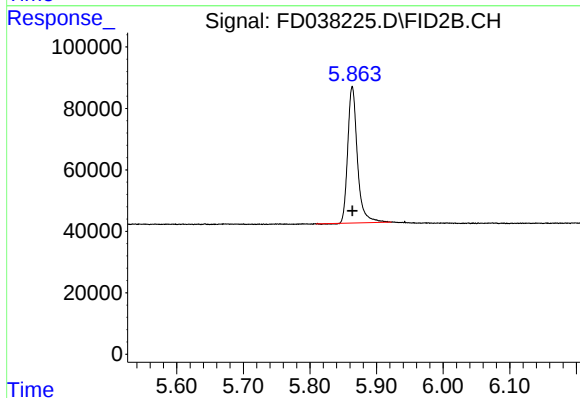
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





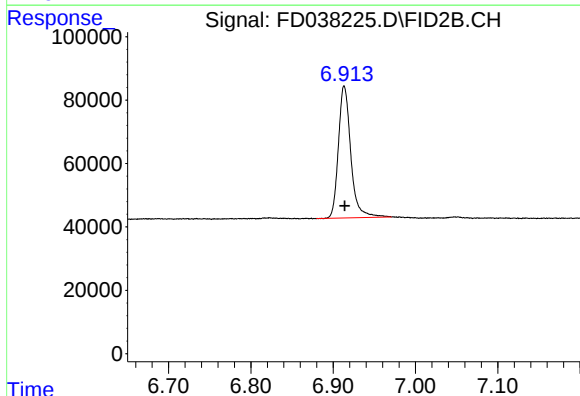
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 443899  
Conc: 3.13 ug/ml



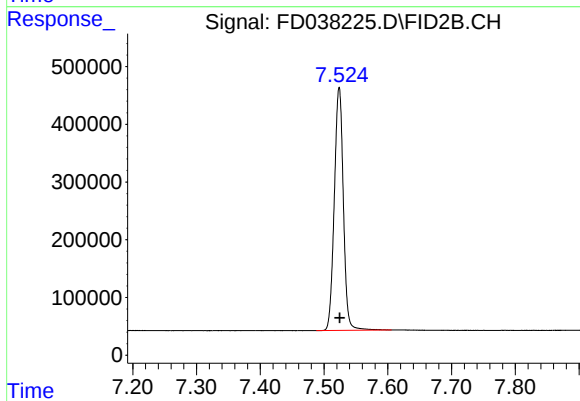
#2 Naphthalene (C11.7)

R.T.: 5.864 min  
Delta R.T.: 0.000 min  
Response: 447044  
Conc: 3.02 ug/ml



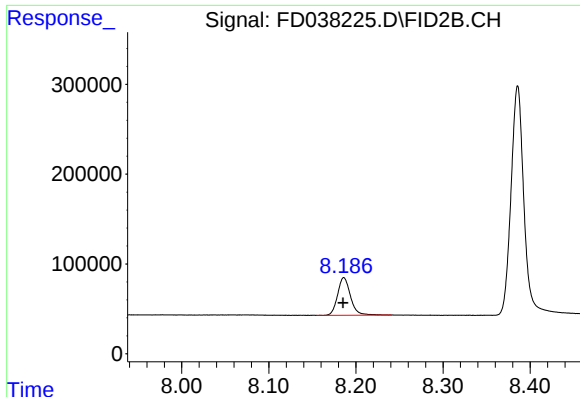
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 436006  
Conc: 2.97 ug/ml



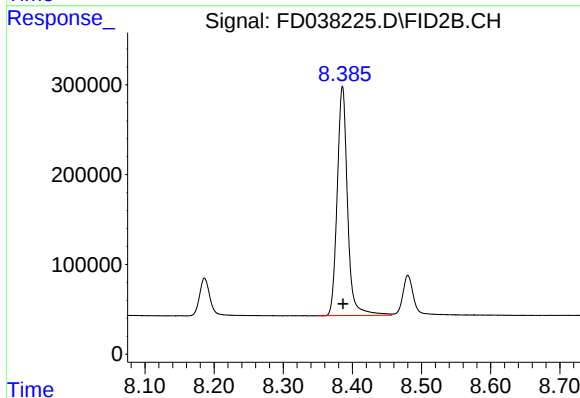
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 4157847  
Conc: 31.90 ug/ml



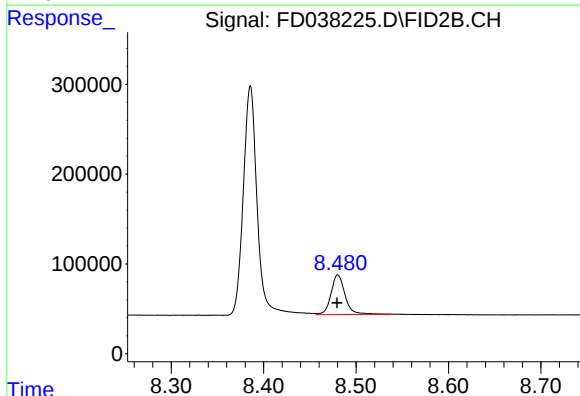
#5 Acenaphthylene (C15.06)

R.T.: 8.186 min  
Delta R.T.: 0.000 min  
Response: 428952  
Conc: 2.88 ug/ml



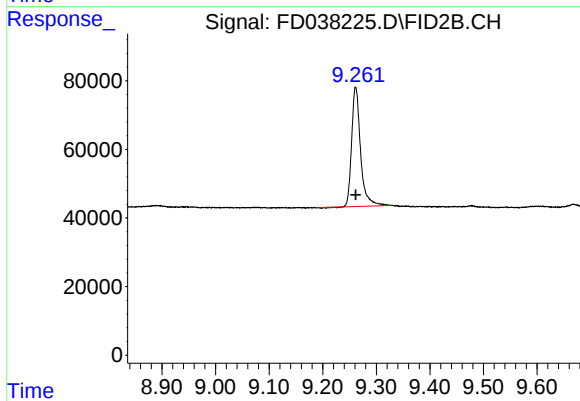
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min  
Delta R.T.: 0.000 min  
Response: 2653632  
Conc: 29.99 ug/ml



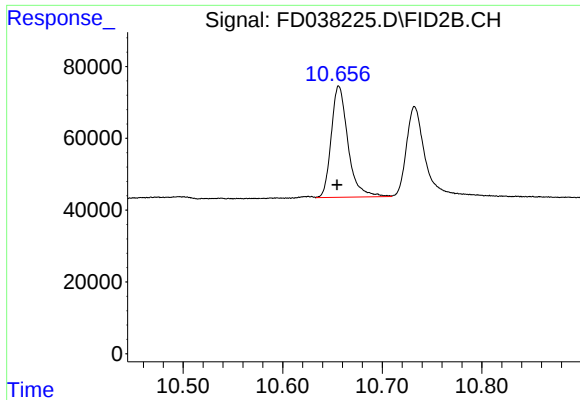
#7 Acenaphthene (C15.5)

R.T.: 8.480 min  
Delta R.T.: 0.000 min  
Response: 468285  
Conc: 3.02 ug/ml



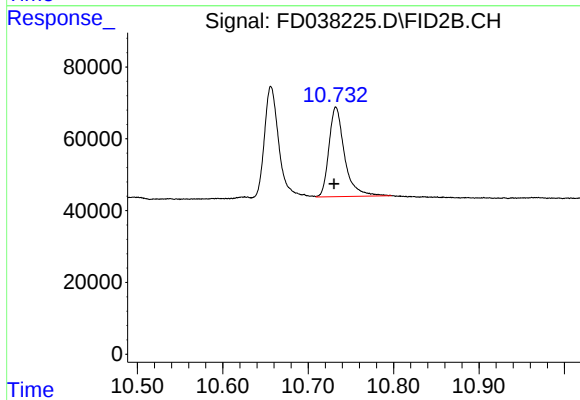
#8 Flouorene (C16.55)

R.T.: 9.261 min  
Delta R.T.: 0.000 min  
Response: 402412  
Conc: 2.75 ug/ml



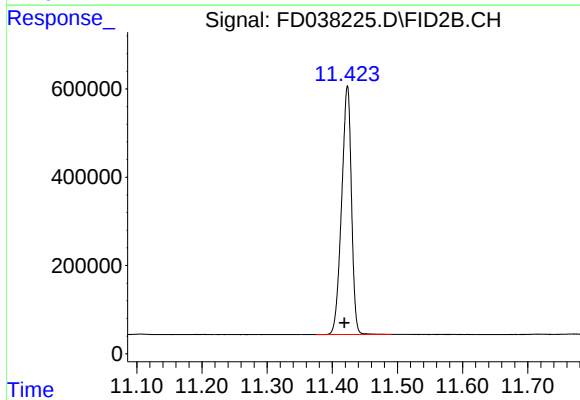
#9 Phenanthrene (C19.36)

R.T.: 10.656 min  
Delta R.T.: 0.002 min  
Response: 362158  
Conc: 2.51 ug/ml



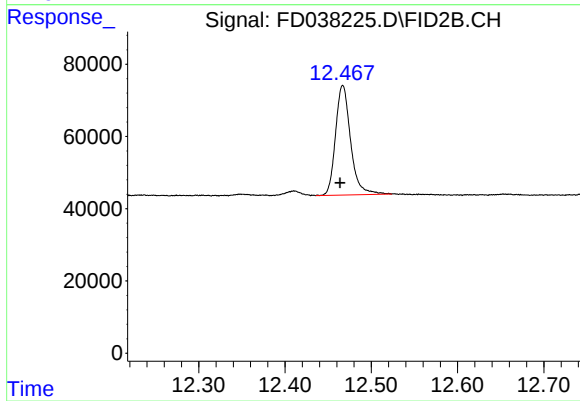
#10 Anthracene (C19.43)

R.T.: 10.732 min  
Delta R.T.: 0.002 min  
Response: 317083  
Conc: 2.24 ug/ml



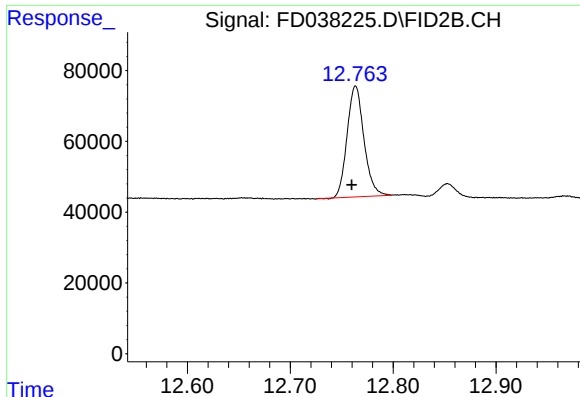
#11 ortho-Terphenyl (SURR)

R.T.: 11.423 min  
Delta R.T.: 0.005 min  
Response: 5907175  
Conc: 38.98 ug/ml



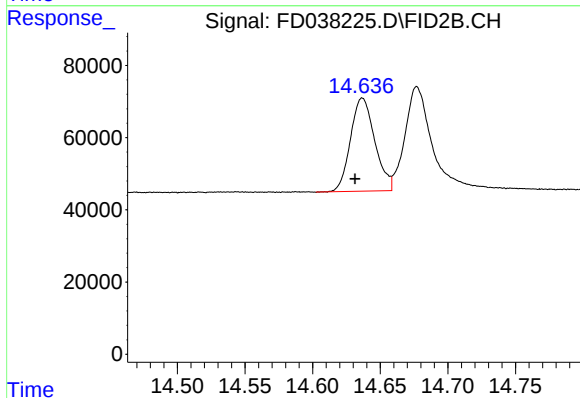
#12 Fluoranthene (C21.85)

R.T.: 12.467 min  
Delta R.T.: 0.003 min  
Response: 368002  
Conc: 2.54 ug/ml



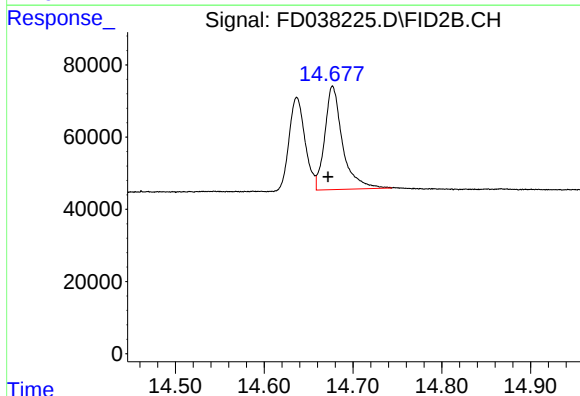
#13 Pyrene (C20.8)

R.T.: 12.764 min  
Delta R.T.: 0.004 min  
Response: 355657  
Conc: 2.50 ug/ml



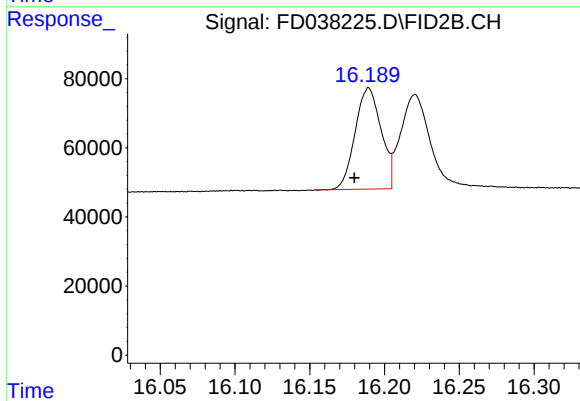
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min  
Delta R.T.: 0.005 min  
Response: 322898  
Conc: 2.53 ug/ml



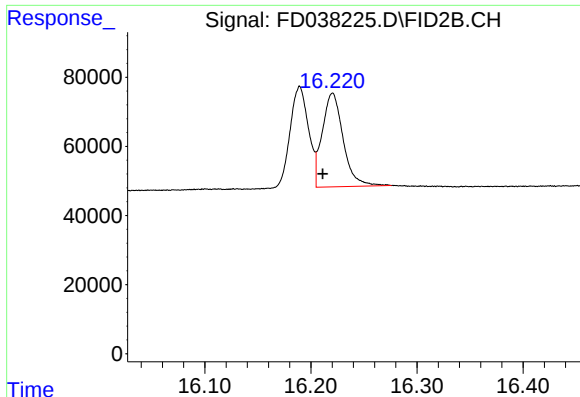
#15 Chrysene (C27.41)

R.T.: 14.677 min  
Delta R.T.: 0.005 min  
Response: 399359  
Conc: 2.82 ug/ml



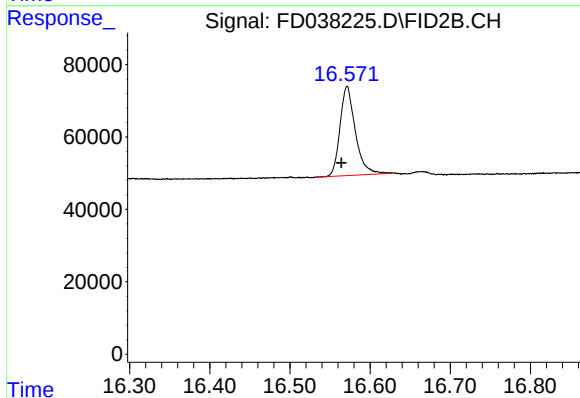
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min  
Delta R.T.: 0.009 min  
Response: 354189  
Conc: 2.84 ug/ml



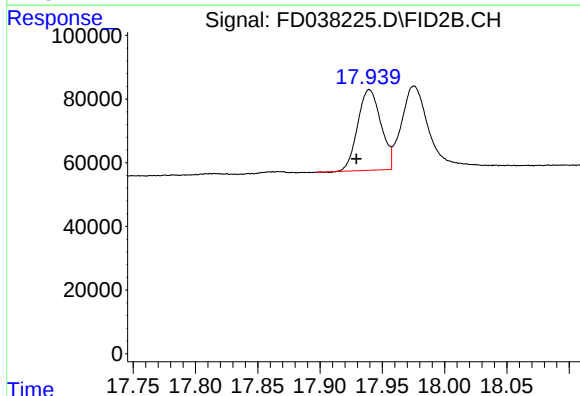
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min  
Delta R.T.: 0.009 min  
Response: 372603  
Conc: 2.84 ug/ml



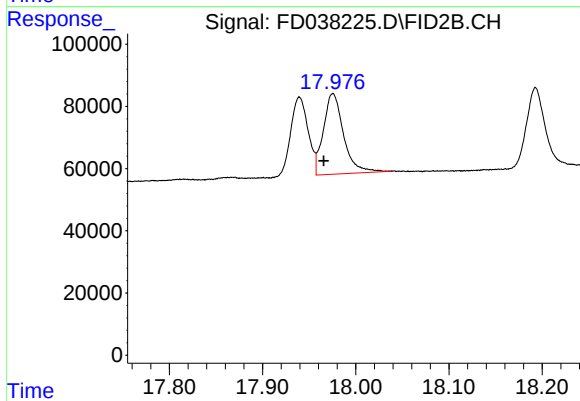
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.571 min  
Delta R.T.: 0.007 min  
Response: 327477  
Conc: 2.79 ug/ml



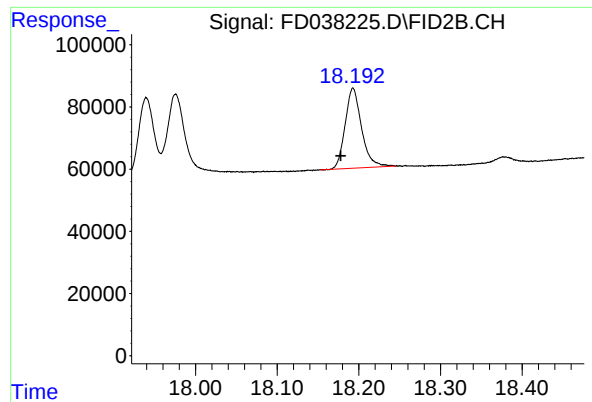
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min  
Delta R.T.: 0.010 min  
Response: 327976  
Conc: 3.17 ug/ml



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

R.T.: 17.975 min  
Delta R.T.: 0.010 min  
Response: 390361  
Conc: 3.31 ug/ml



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

R.T.: 18.193 min  
Delta R.T.: 0.015 min  
Response: 360473  
Conc: 3.30 ug/ml