

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062320AR\  
 Data File : FD033776.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Jun 2020 6:20  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 24 06:47:30 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 061820.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 19 09:50:25 2020  
 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...      | 7.566  | 2374709    | 21.485 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.97%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.429  | 1588028    | 21.395 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.79%       |
| 11) S ortho-Terphenyl (SURR)       | 11.454 | 2831871    | 20.390 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.78%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.375  | 2722362    | 21.609 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.909  | 2711404    | 21.571 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.958  | 2742314    | 21.496 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.228  | 2733793    | 21.220 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.522  | 2865987    | 21.419 ug/ml |
| 8) T Flouorene (C16.55)            | 9.302  | 2659369    | 21.161 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.696 | 2672899    | 20.819 ug/ml |
| 10) T Anthracene (C19.43)          | 10.771 | 2559396    | 20.250 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.505 | 2676891    | 20.328 ug/ml |
| 13) T Pyrene (C20.8)               | 12.801 | 2582391    | 20.107 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.674 | 2383099    | 20.068 ug/ml |
| 15) T Chrysene (C27.41)            | 14.715 | 2611763    | 19.724 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.228 | 2323940    | 19.633 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.258 | 2452769    | 19.198 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.609 | 2216414    | 18.480 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.980 | 2071618    | 19.884 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.013 | 2407595    | 19.640 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.232 | 2239428    | 19.880 ug/ml |
| -----                              |        |            |              |

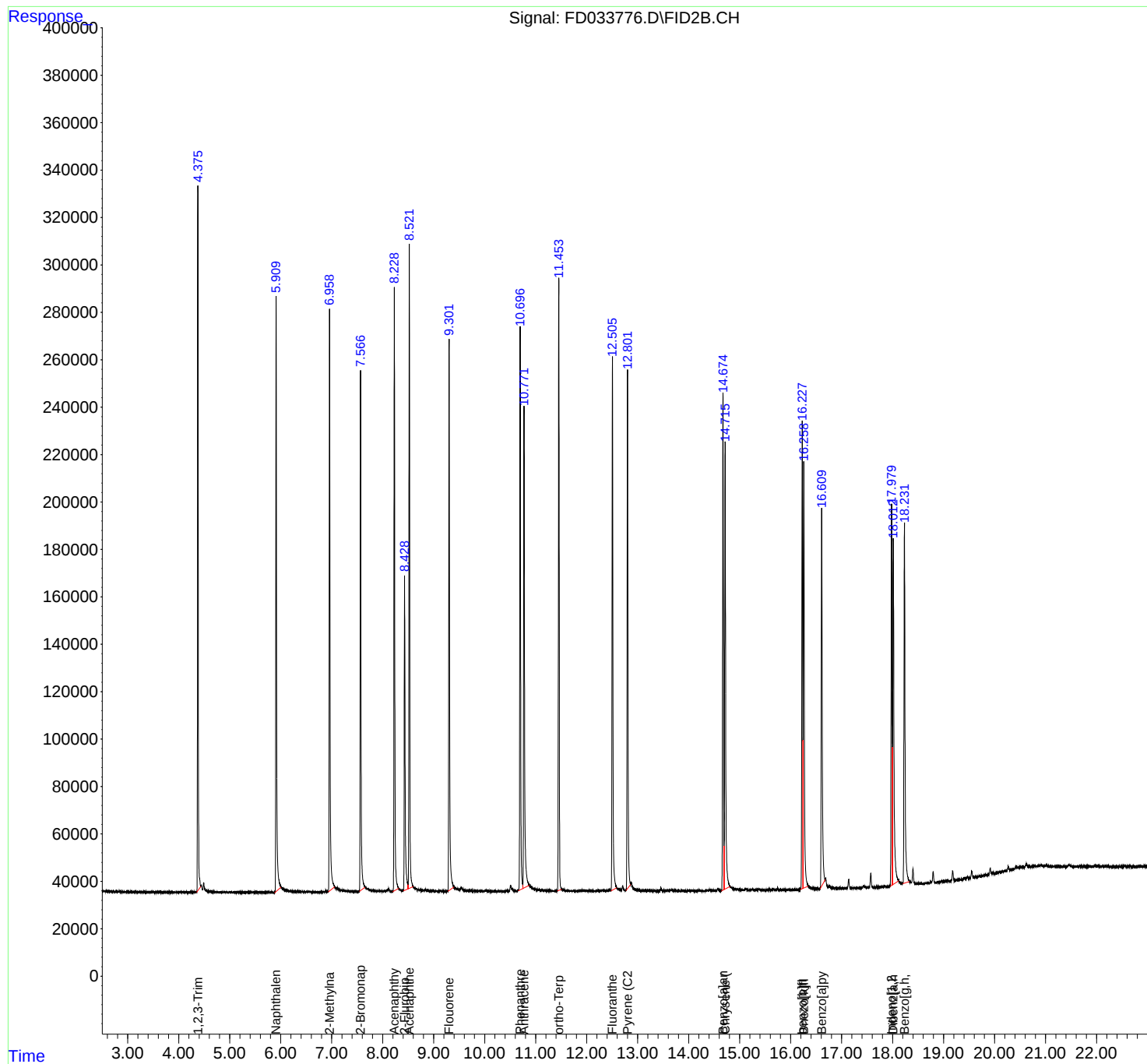
(f)=RT Delta > 1/2 Window

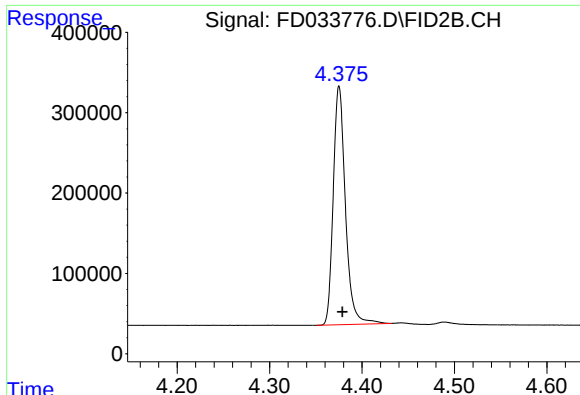
(m)=manual int.

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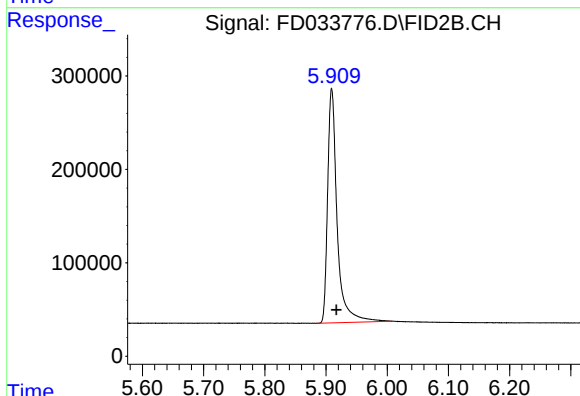
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





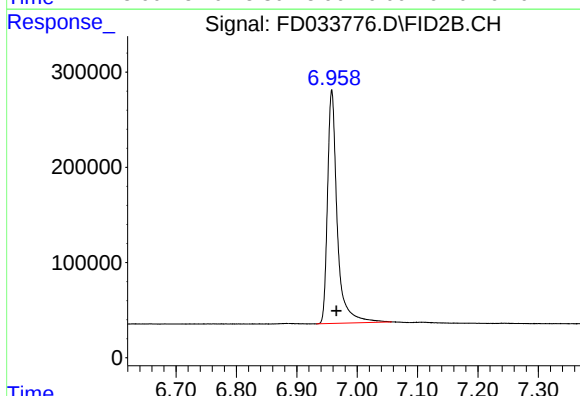
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min  
Delta R.T.: -0.004 min  
Response: 2722362  
Conc: 21.61 ug/ml



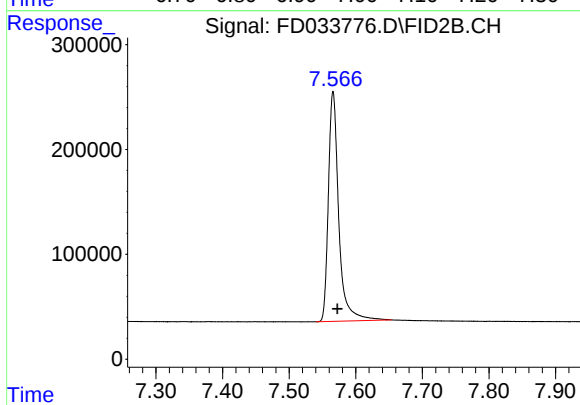
#2 Naphthalene (C11.7)

R.T.: 5.909 min  
Delta R.T.: -0.007 min  
Response: 2711404  
Conc: 21.57 ug/ml



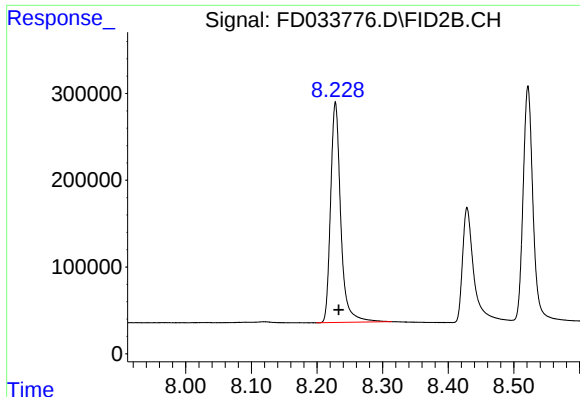
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min  
Delta R.T.: -0.007 min  
Response: 2742314  
Conc: 21.50 ug/ml



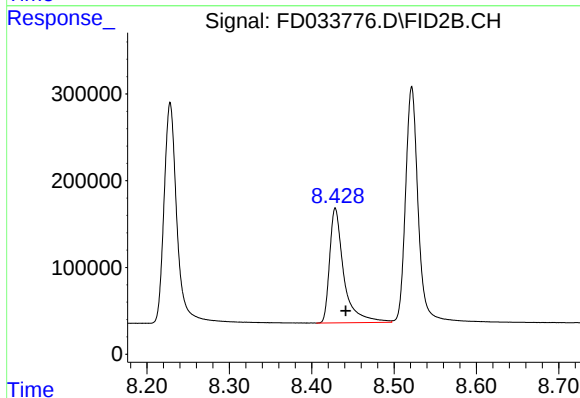
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min  
Delta R.T.: -0.006 min  
Response: 2374709  
Conc: 21.49 ug/ml



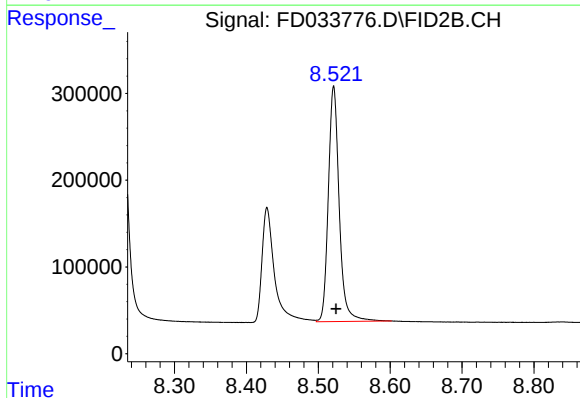
#5 Acenaphthylene (C15.06)

R.T.: 8.228 min  
Delta R.T.: -0.005 min  
Response: 2733793  
Conc: 21.22 ug/ml



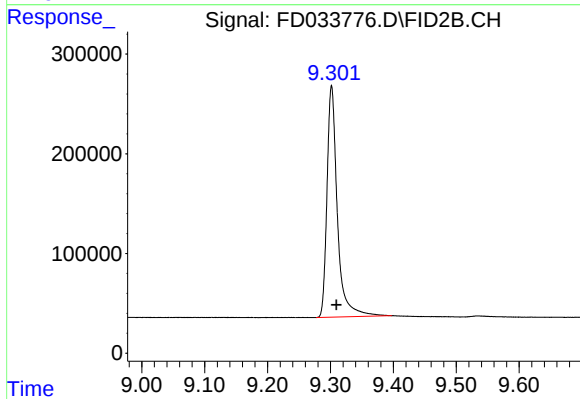
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min  
Delta R.T.: -0.013 min  
Response: 1588028  
Conc: 21.39 ug/ml



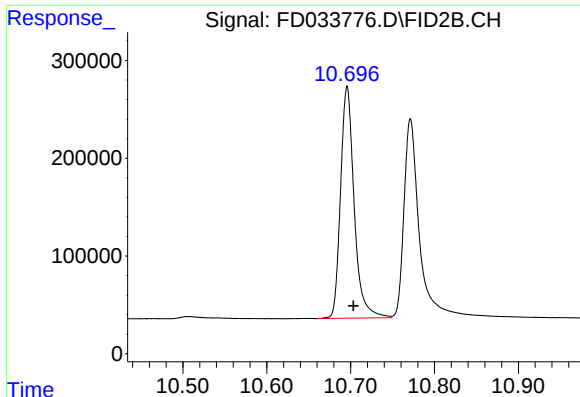
#7 Acenaphthene (C15.5)

R.T.: 8.522 min  
Delta R.T.: -0.003 min  
Response: 2865987  
Conc: 21.42 ug/ml



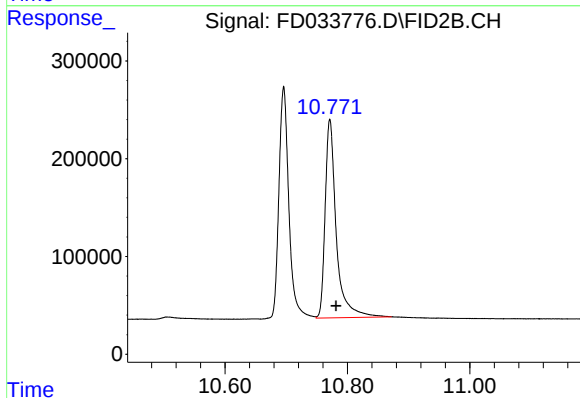
#8 Flouorene (C16.55)

R.T.: 9.302 min  
Delta R.T.: -0.008 min  
Response: 2659369  
Conc: 21.16 ug/ml



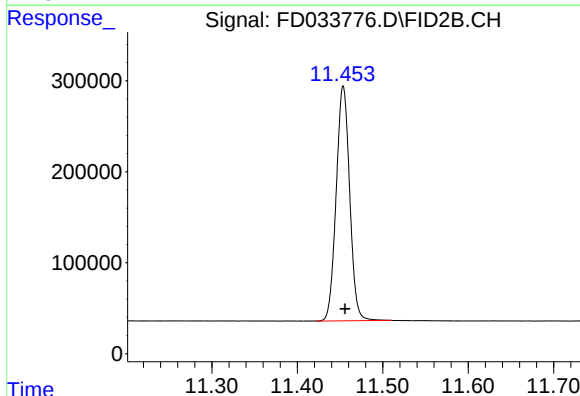
#9 Phenanthrene (C19.36)

R.T.: 10.696 min  
Delta R.T.: -0.008 min  
Response: 2672899  
Conc: 20.82 ug/ml



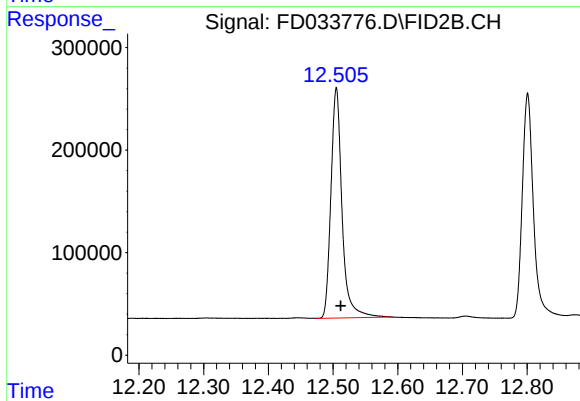
#10 Anthracene (C19.43)

R.T.: 10.771 min  
Delta R.T.: -0.010 min  
Response: 2559396  
Conc: 20.25 ug/ml



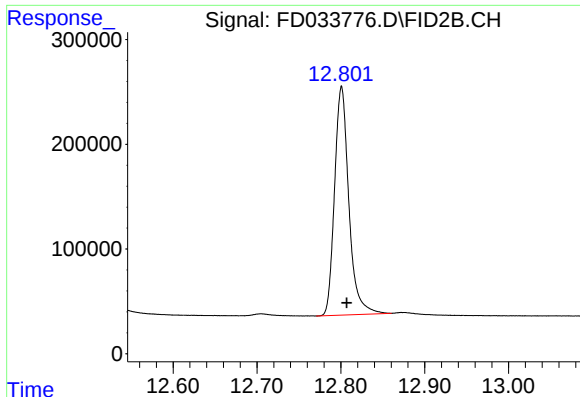
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min  
Delta R.T.: -0.002 min  
Response: 2831871  
Conc: 20.39 ug/ml



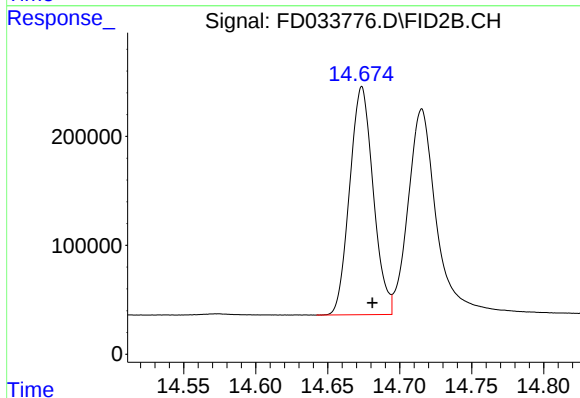
#12 Fluoranthene (C21.85)

R.T.: 12.505 min  
Delta R.T.: -0.007 min  
Response: 2676891  
Conc: 20.33 ug/ml



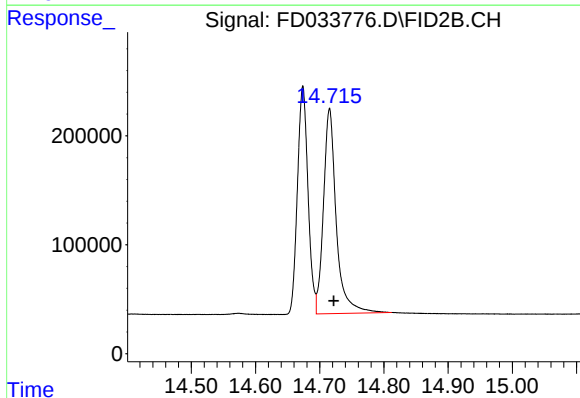
#13 Pyrene (C20.8)

R.T.: 12.801 min  
Delta R.T.: -0.006 min  
Response: 2582391  
Conc: 20.11 ug/ml



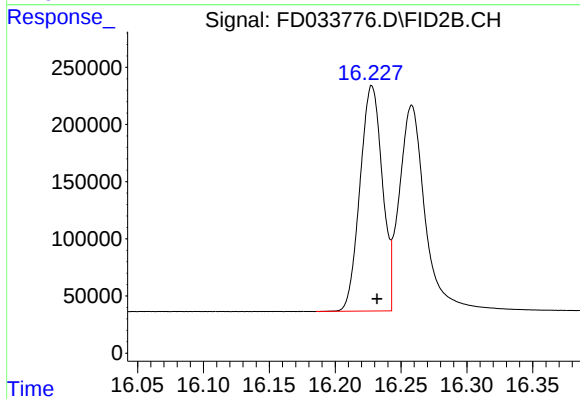
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min  
Delta R.T.: -0.007 min  
Response: 2383099  
Conc: 20.07 ug/ml



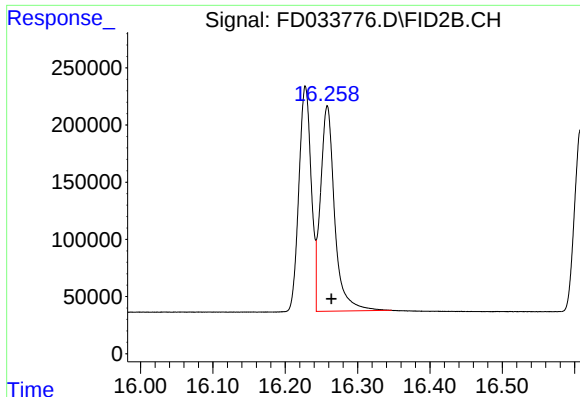
#15 Chrysene (C27.41)

R.T.: 14.715 min  
Delta R.T.: -0.007 min  
Response: 2611763  
Conc: 19.72 ug/ml



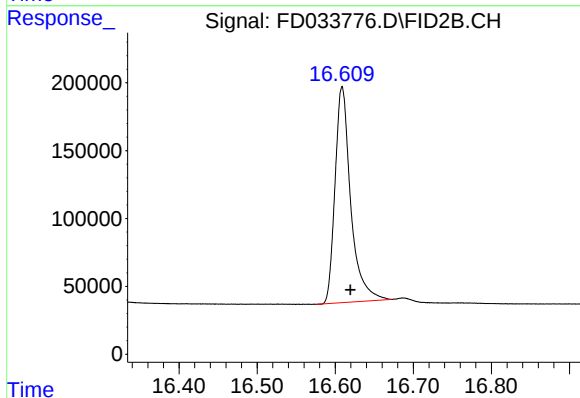
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min  
Delta R.T.: -0.004 min  
Response: 2323940  
Conc: 19.63 ug/ml



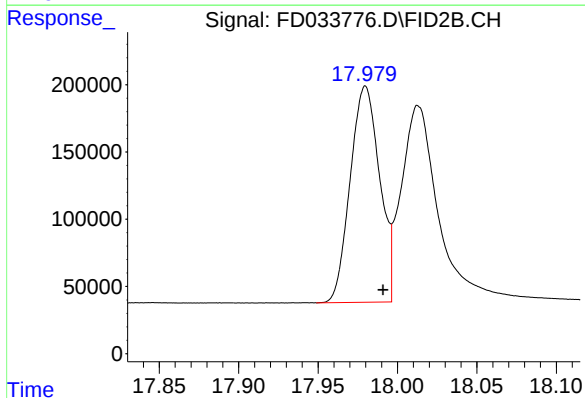
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min  
Delta R.T.: -0.006 min  
Response: 2452769  
Conc: 19.20 ug/ml



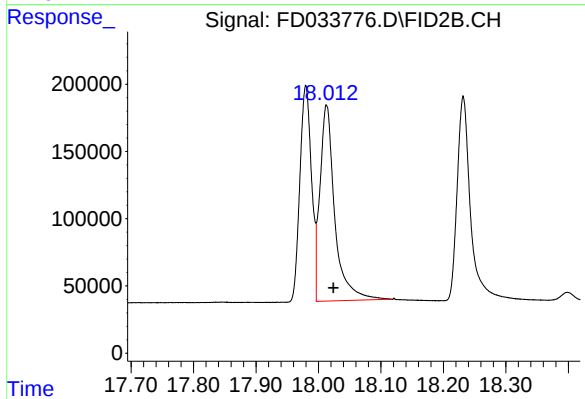
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min  
Delta R.T.: -0.011 min  
Response: 2216414  
Conc: 18.48 ug/ml



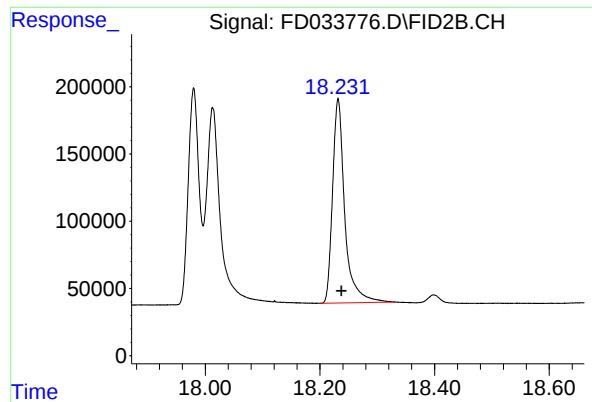
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min  
Delta R.T.: -0.011 min  
Response: 2071618  
Conc: 19.88 ug/ml



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

R.T.: 18.013 min  
Delta R.T.: -0.011 min  
Response: 2407595  
Conc: 19.64 ug/ml



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

R.T.: 18.232 min  
Delta R.T.: -0.006 min  
Response: 2239428  
Conc: 19.88 ug/ml