

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101218AR\  
 Data File : FD025981.D  
 Signal(s) : FID2B.CH  
 Acq On : 12 Oct 2018 14:49  
 Operator : AJ\SJ  
 Sample : AR WATER IDOC 03  
 Misc : FOR EGHOSA  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 13 02:04:19 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 092618.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 26 13:16:31 2018  
 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...      | 7.423  | 3592862    | 46.023 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 92.05%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.275  | 2619107    | 47.533 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 95.07%       |
| 11) S ortho-Terphenyl (SURR)       | 11.322 | 4159642    | 48.361 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.72%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.222  | 3836316    | 45.292 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.757  | 4169158    | 45.520 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.809  | 4111642    | 46.052 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.079  | 4078039    | 46.860 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.376  | 4272450    | 47.017 ug/ml |
| 8) T Flouorene (C16.55)            | 9.155  | 4314263    | 48.015 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.547 | 4576864    | 49.149 ug/ml |
| 10) T Anthracene (C19.43)          | 10.622 | 4367944    | 47.702 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.354 | 4783174    | 48.802 ug/ml |
| 13) T Pyrene (C20.8)               | 12.649 | 4838874    | 48.592 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.519 | 4701918    | 48.647 ug/ml |
| 15) T Chrysene (C27.41)            | 14.564 | 4767175    | 49.019 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.068 | 4871010    | 49.579 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.103 | 4852363    | 49.770 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.444 | 4808010    | 49.220 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.807 | 4418889    | 46.612 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.849 | 4406100    | 47.585 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.064 | 4569808    | 47.500 ug/ml |
| -----                              |        |            |              |

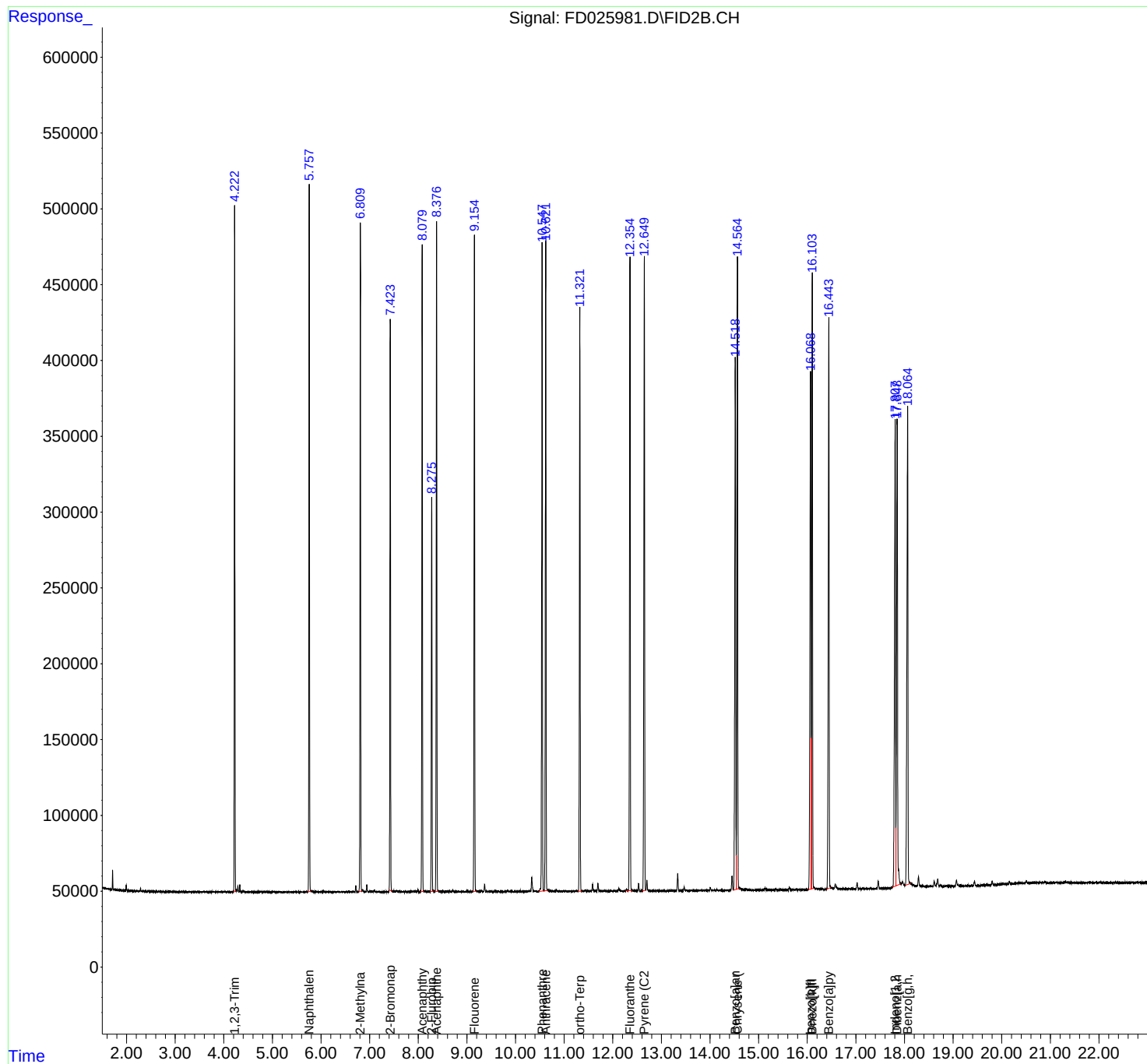
(f)=RT Delta > 1/2 Window

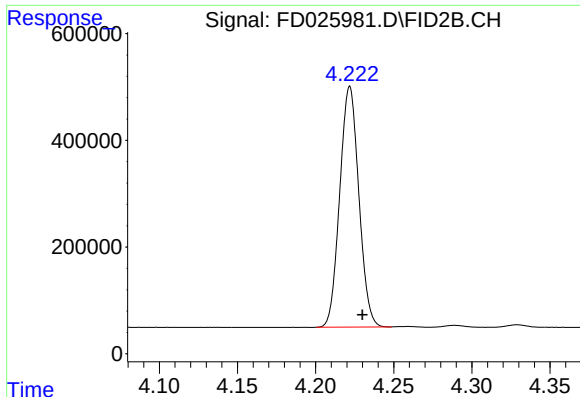
(m)=manual int.

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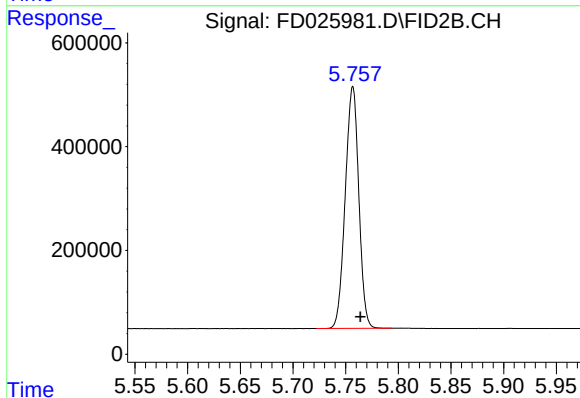
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





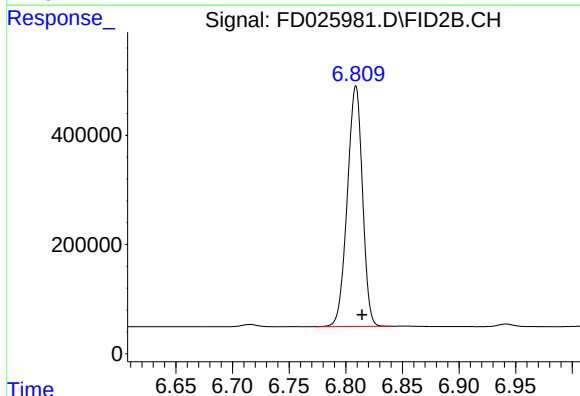
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min  
Delta R.T.: -0.008 min  
Response: 3836316  
Conc: 45.29 ug/ml



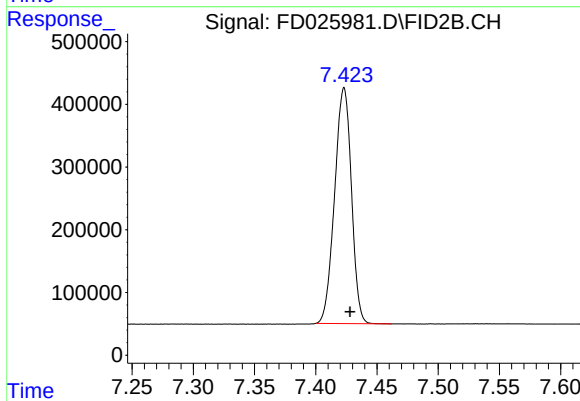
#2 Naphthalene (C11.7)

R.T.: 5.757 min  
Delta R.T.: -0.007 min  
Response: 4169158  
Conc: 45.52 ug/ml



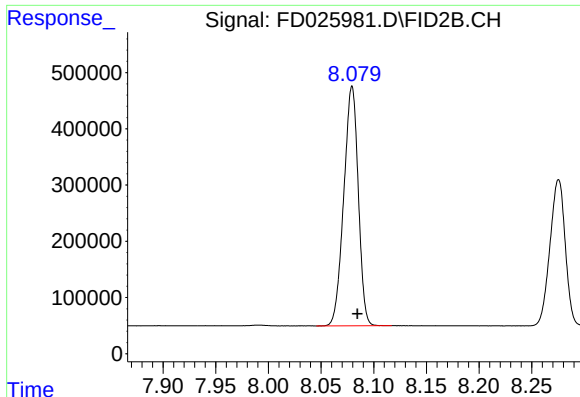
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min  
Delta R.T.: -0.006 min  
Response: 4111642  
Conc: 46.05 ug/ml



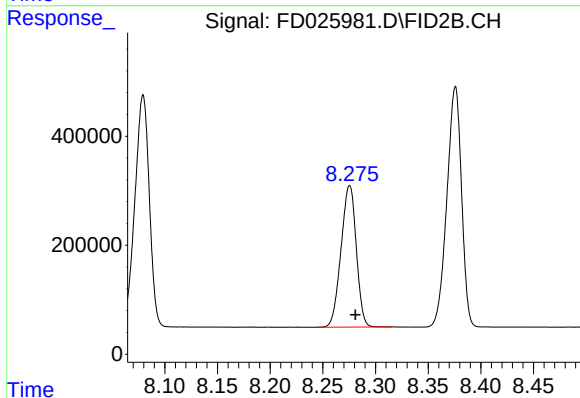
#4 2-Bromonaphthalene (SURR)

R.T.: 7.423 min  
Delta R.T.: -0.005 min  
Response: 3592862  
Conc: 46.02 ug/ml



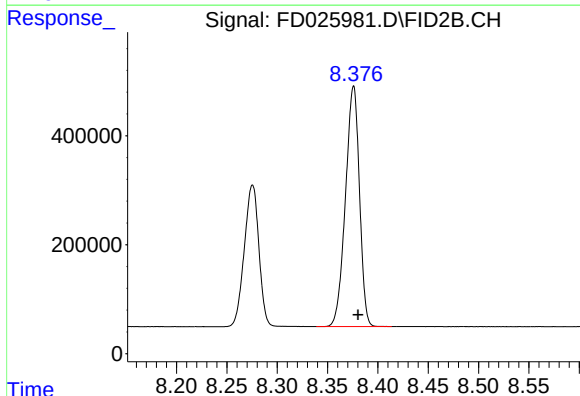
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min  
Delta R.T.: -0.005 min  
Response: 4078039  
Conc: 46.86 ug/ml



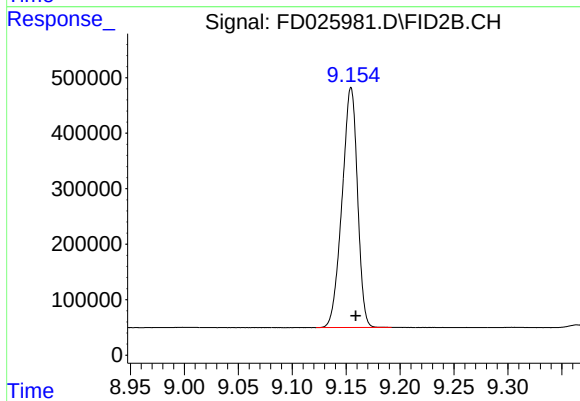
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min  
Delta R.T.: -0.005 min  
Response: 2619107  
Conc: 47.53 ug/ml



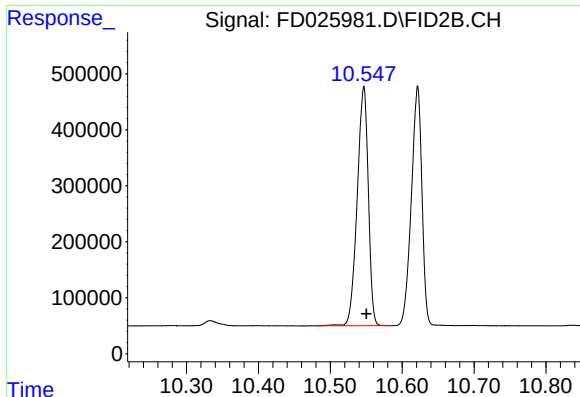
#7 Acenaphthene (C15.5)

R.T.: 8.376 min  
Delta R.T.: -0.005 min  
Response: 4272450  
Conc: 47.02 ug/ml



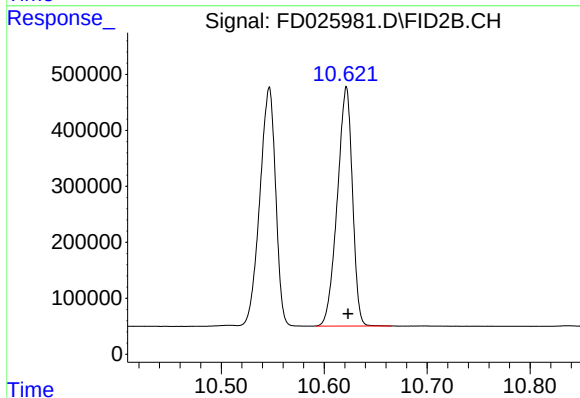
#8 Fluorene (C16.55)

R.T.: 9.155 min  
Delta R.T.: -0.004 min  
Response: 4314263  
Conc: 48.01 ug/ml



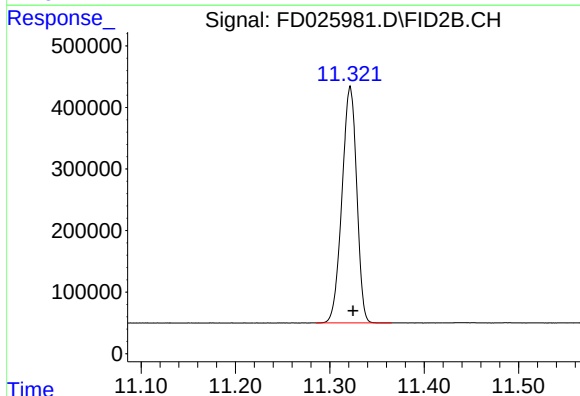
#9 Phenanthrene (C19.36)

R.T.: 10.547 min  
Delta R.T.: -0.003 min  
Response: 4576864  
Conc: 49.15 ug/ml



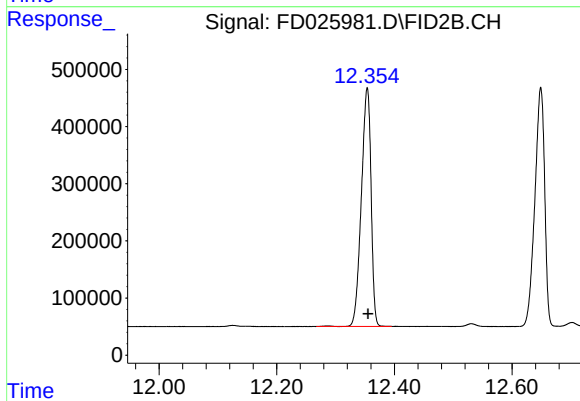
#10 Anthracene (C19.43)

R.T.: 10.622 min  
Delta R.T.: -0.002 min  
Response: 4367944  
Conc: 47.70 ug/ml



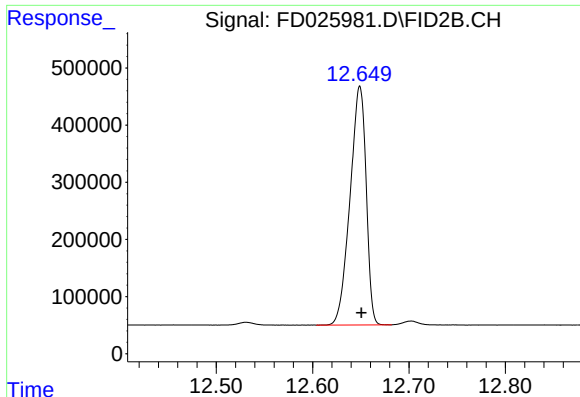
#11 ortho-Terphenyl (SURR)

R.T.: 11.322 min  
Delta R.T.: -0.003 min  
Response: 4159642  
Conc: 48.36 ug/ml



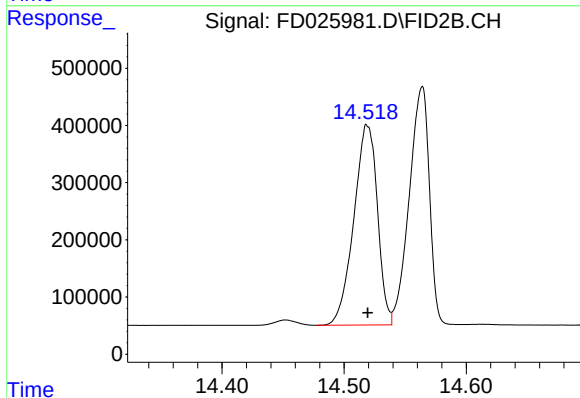
#12 Fluoranthene (C21.85)

R.T.: 12.354 min  
Delta R.T.: -0.002 min  
Response: 4783174  
Conc: 48.80 ug/ml



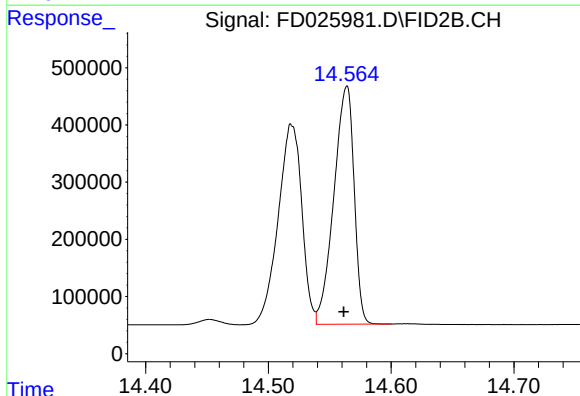
#13 Pyrene (C20.8)

R.T.: 12.649 min  
Delta R.T.: -0.001 min  
Response: 4838874  
Conc: 48.59 ug/ml



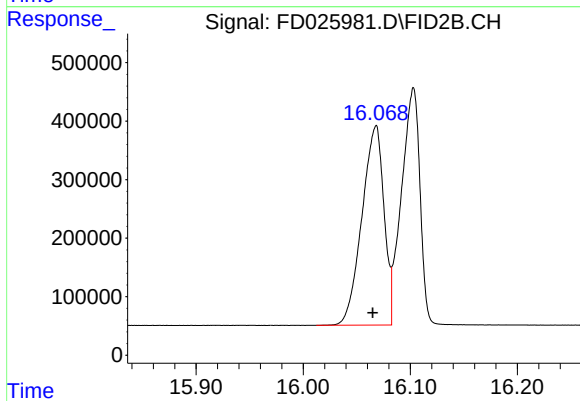
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min  
Delta R.T.: 0.000 min  
Response: 4701918  
Conc: 48.65 ug/ml



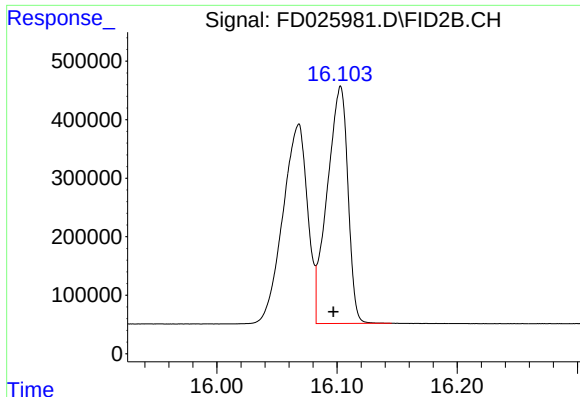
#15 Chrysene (C27.41)

R.T.: 14.564 min  
Delta R.T.: 0.002 min  
Response: 4767175  
Conc: 49.02 ug/ml



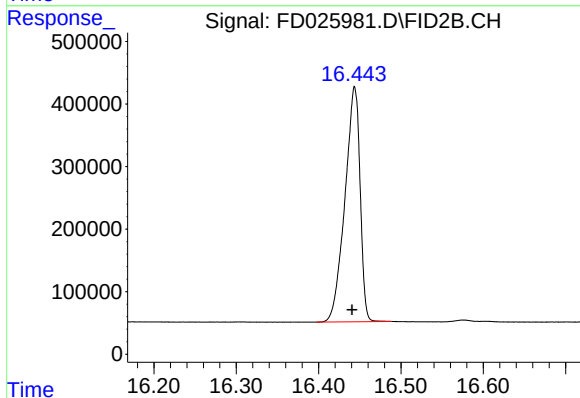
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.068 min  
Delta R.T.: 0.003 min  
Response: 4871010  
Conc: 49.58 ug/ml



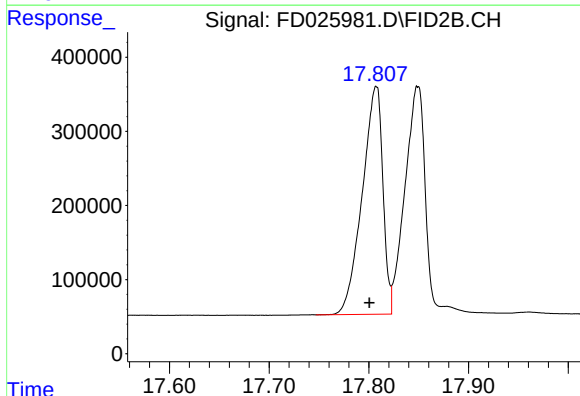
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.103 min  
Delta R.T.: 0.006 min  
Response: 4852363  
Conc: 49.77 ug/ml



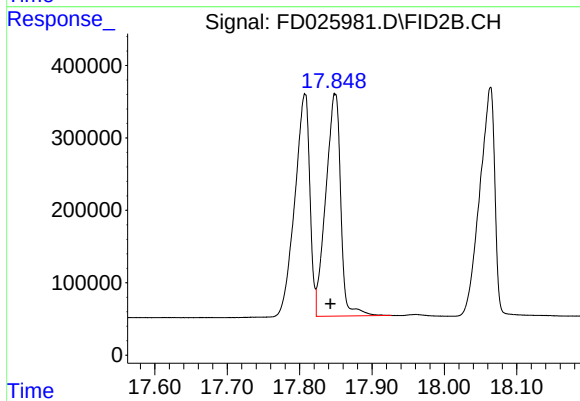
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min  
Delta R.T.: 0.003 min  
Response: 4808010  
Conc: 49.22 ug/ml



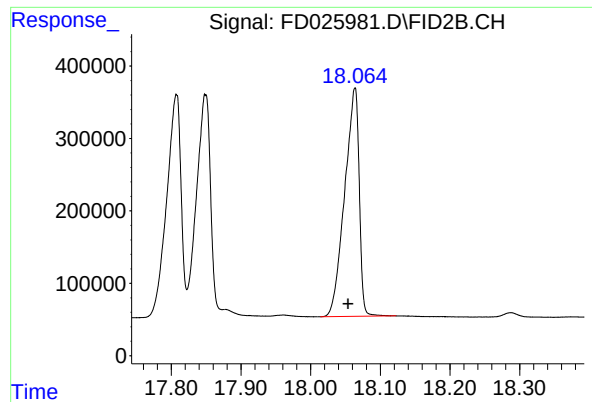
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min  
Delta R.T.: 0.007 min  
Response: 4418889  
Conc: 46.61 ug/ml



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

R.T.: 17.849 min  
Delta R.T.: 0.007 min  
Response: 4406100  
Conc: 47.58 ug/ml



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

R.T.: 18.064 min  
Delta R.T.: 0.010 min  
Response: 4569808  
Conc: 47.50 ug/ml