

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101419AR\  
 Data File : FD030990.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Oct 2019 21:40  
 Operator : DD\AJ  
 Sample : 50 PPM AROMATIC HC STD2  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 15 03:34:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 03:27:52 2019  
 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...      | 7.556  | 4836272    | 48.447 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 96.89%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.416  | 3306998    | 49.448 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 98.90%       |
| 11) S ortho-Terphenyl (SURR)       | 11.443 | 5277149    | 47.116 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 94.23%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.364  | 4940311    | 48.077 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.898  | 5247847    | 49.112 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.947  | 5264799    | 48.944 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.218  | 5154132    | 48.227 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.513  | 5391311    | 48.080 ug/ml |
| 8) T Flouorene (C16.55)            | 9.292  | 5297269    | 48.805 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.684 | 5320695    | 48.813 ug/ml |
| 10) T Anthracene (C19.43)          | 10.758 | 5290376    | 48.309 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.488 | 5338593    | 48.432 ug/ml |
| 13) T Pyrene (C20.8)               | 12.784 | 5194461    | 46.445 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.650 | 5035433    | 49.438 ug/ml |
| 15) T Chrysene (C27.41)            | 14.694 | 5215436    | 46.746 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.198 | 5014730    | 49.141 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.233 | 5127263    | 46.555 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.576 | 4924182    | 47.063 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.942 | 4828507    | 51.976 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.976 | 4890579    | 45.188 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.194 | 4794971    | 48.739 ug/ml |
| -----                              |        |            |              |

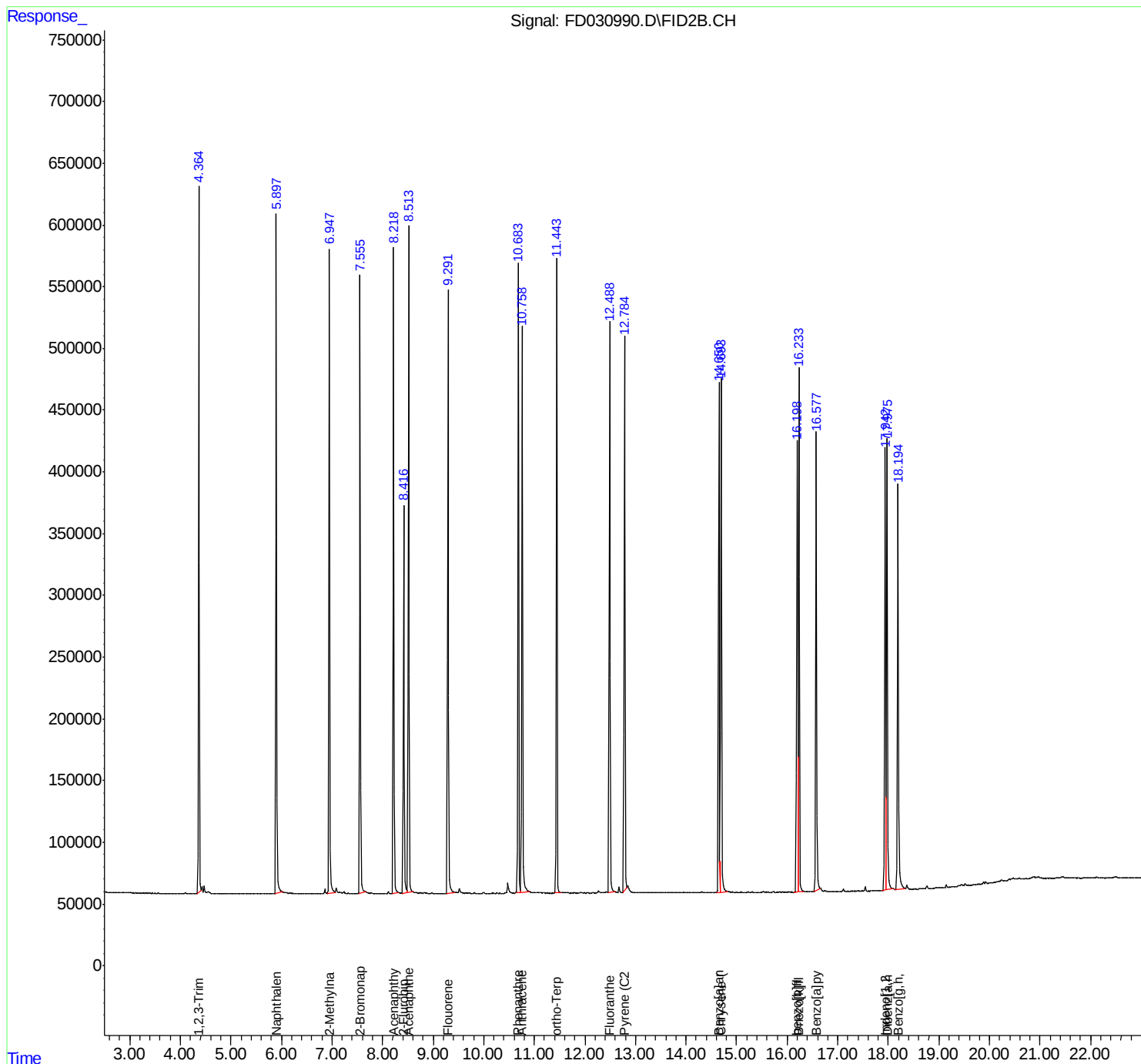
(f)=RT Delta > 1/2 Window

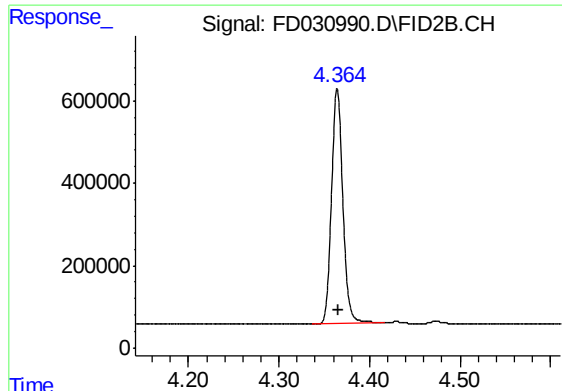
(m)=manual int.

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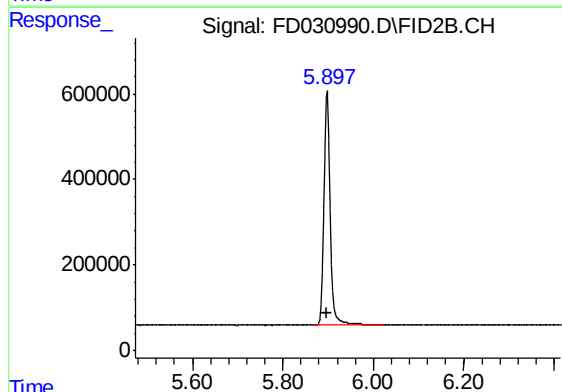
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





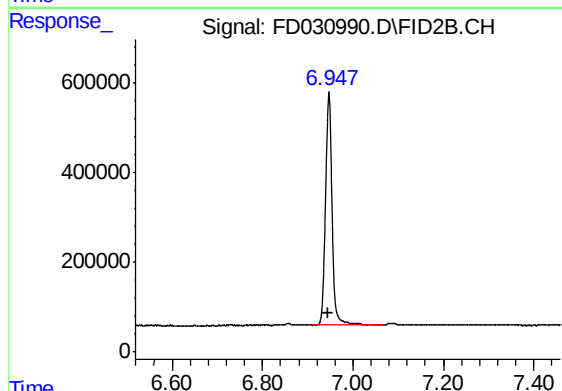
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 4940311  
Conc: 48.08 ug/ml



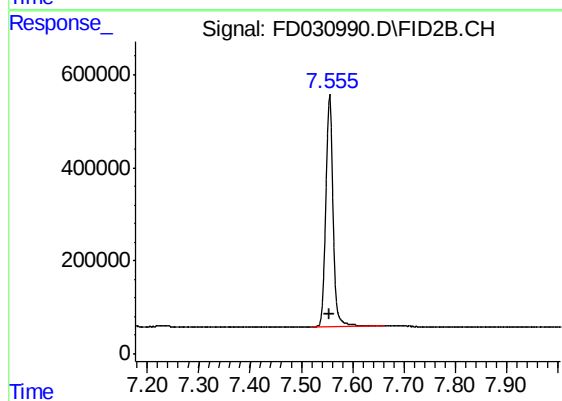
#2 Naphthalene (C11.7)

R.T.: 5.898 min  
Delta R.T.: 0.000 min  
Response: 5247847  
Conc: 49.11 ug/ml



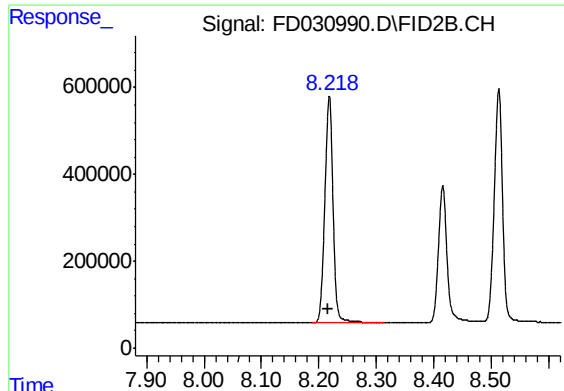
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min  
Delta R.T.: 0.001 min  
Response: 5264799  
Conc: 48.94 ug/ml



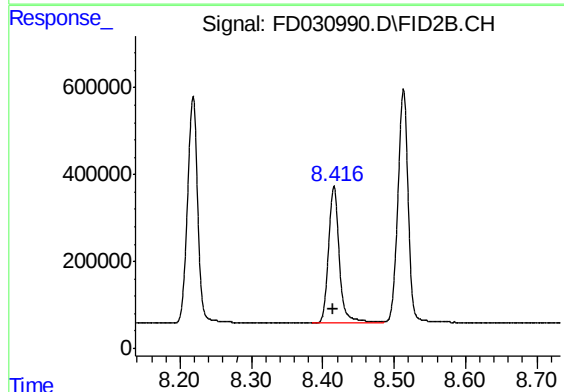
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 4836272  
Conc: 48.45 ug/ml



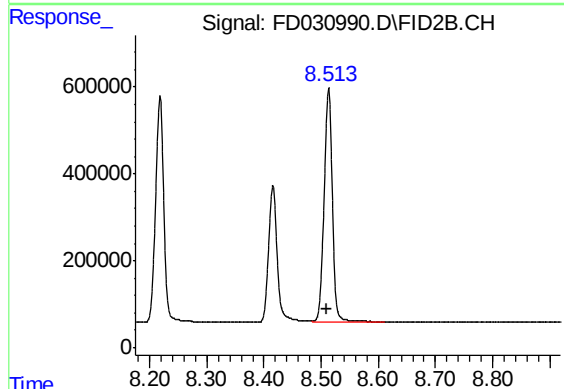
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min  
Delta R.T.: 0.003 min  
Response: 5154132  
Conc: 48.23 ug/ml



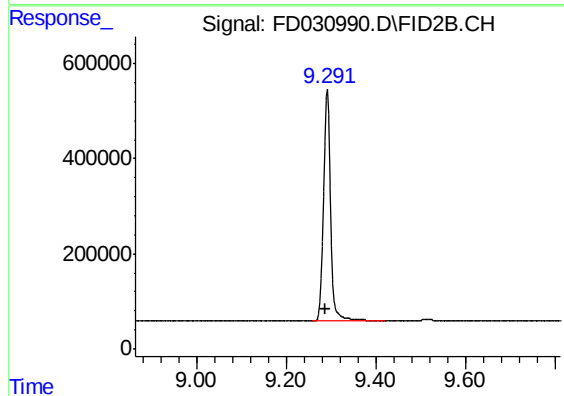
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min  
Delta R.T.: 0.000 min  
Response: 3306998  
Conc: 49.45 ug/ml



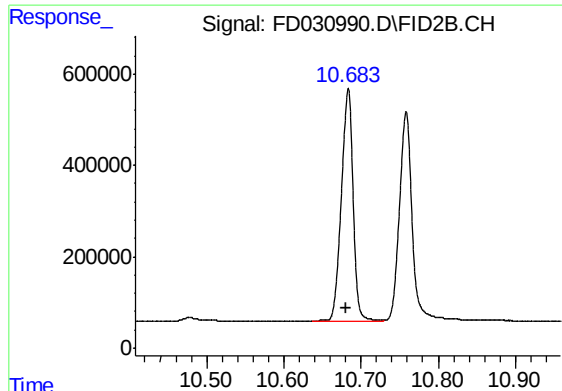
#7 Acenaphthene (C15.5)

R.T.: 8.513 min  
Delta R.T.: 0.004 min  
Response: 5391311  
Conc: 48.08 ug/ml



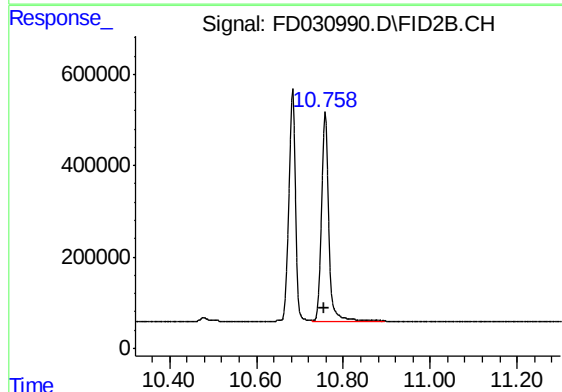
#8 Flouorene (C16.55)

R.T.: 9.292 min  
Delta R.T.: 0.003 min  
Response: 5297269  
Conc: 48.80 ug/ml



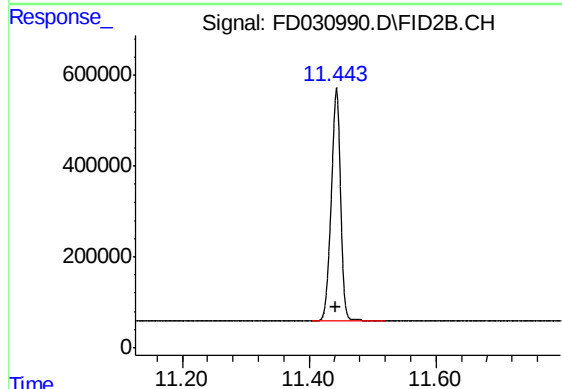
#9 Phenanthrene (C19.36)

R.T.: 10.684 min  
Delta R.T.: 0.004 min  
Response: 5320695  
Conc: 48.81 ug/ml



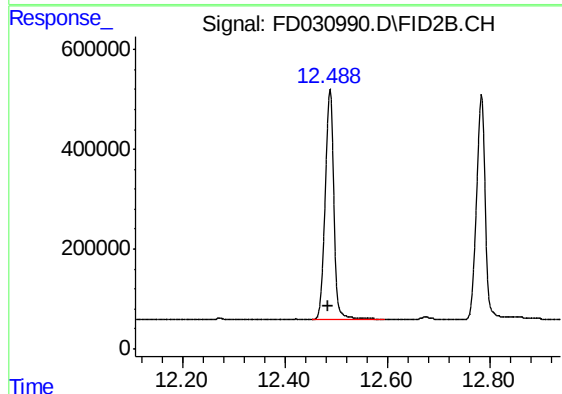
#10 Anthracene (C19.43)

R.T.: 10.758 min  
Delta R.T.: 0.003 min  
Response: 5290376  
Conc: 48.31 ug/ml



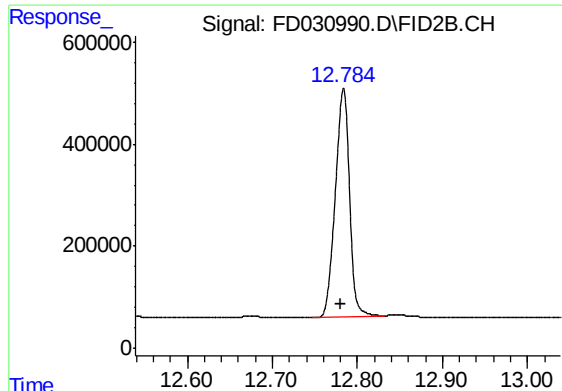
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min  
Delta R.T.: 0.002 min  
Response: 5277149  
Conc: 47.12 ug/ml



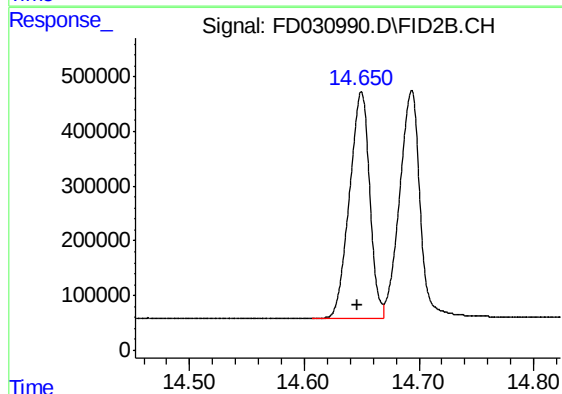
#12 Fluoranthene (C21.85)

R.T.: 12.488 min  
Delta R.T.: 0.003 min  
Response: 5338593  
Conc: 48.43 ug/ml



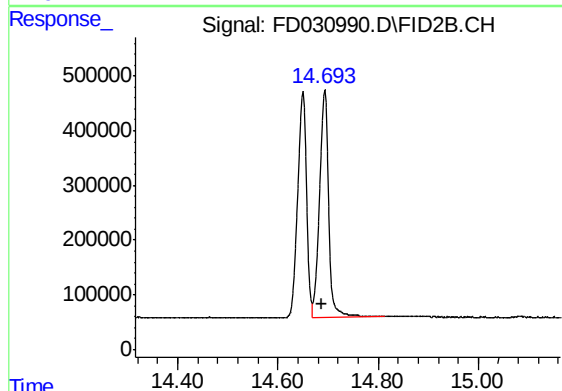
#13 Pyrene (C20.8)

R.T.: 12.784 min  
Delta R.T.: 0.004 min  
Response: 5194461  
Conc: 46.44 ug/ml



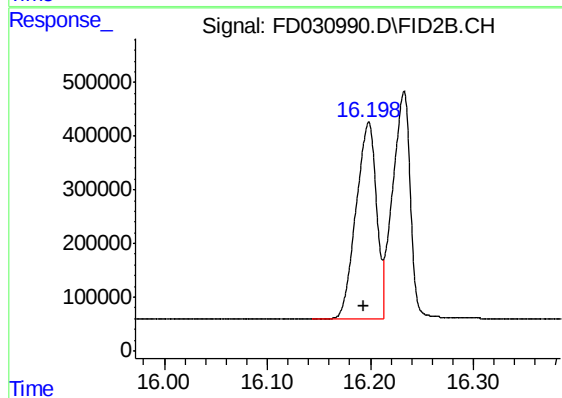
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min  
Delta R.T.: 0.003 min  
Response: 5035433  
Conc: 49.44 ug/ml



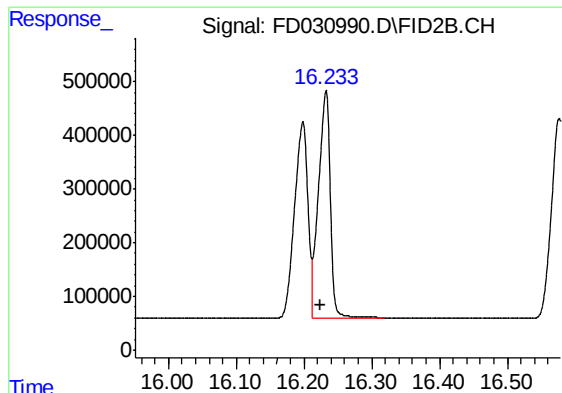
#15 Chrysene (C27.41)

R.T.: 14.694 min  
Delta R.T.: 0.005 min  
Response: 5215436  
Conc: 46.75 ug/ml



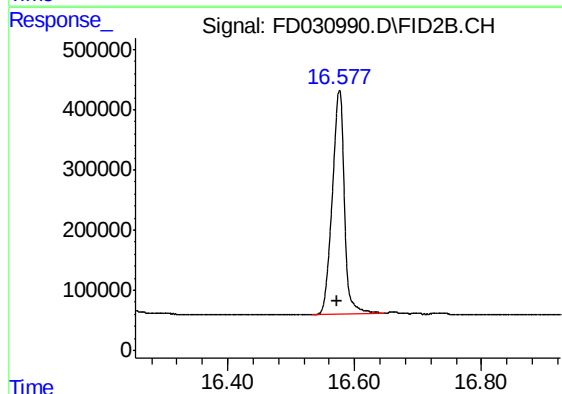
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min  
Delta R.T.: 0.005 min  
Response: 5014730  
Conc: 49.14 ug/ml



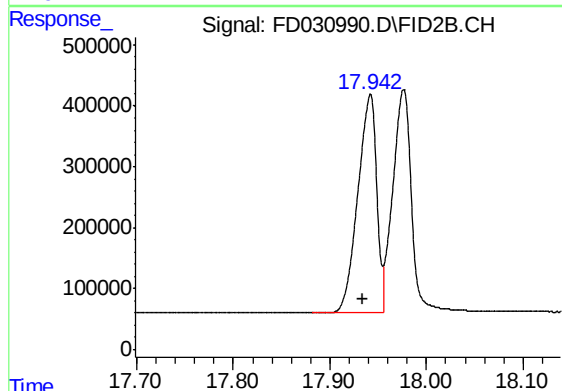
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min  
Delta R.T.: 0.009 min  
Response: 5127263  
Conc: 46.56 ug/ml



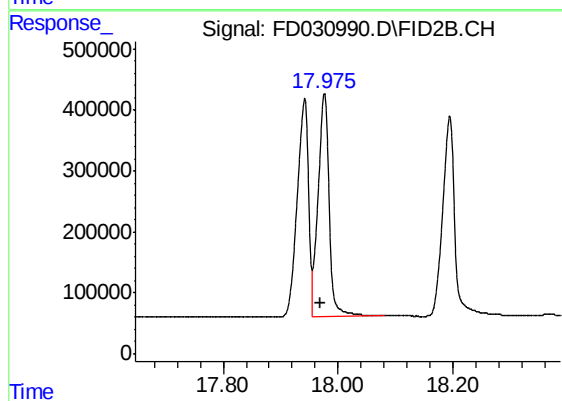
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min  
Delta R.T.: 0.005 min  
Response: 4924182  
Conc: 47.06 ug/ml



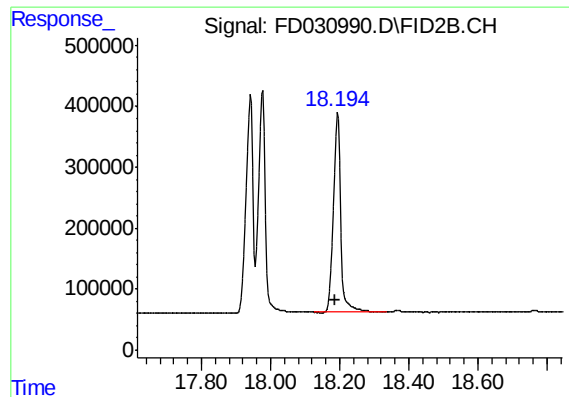
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.942 min  
Delta R.T.: 0.008 min  
Response: 4828507  
Conc: 51.98 ug/ml



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

R.T.: 17.976 min  
Delta R.T.: 0.006 min  
Response: 4890579  
Conc: 45.19 ug/ml



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

R.T.: 18.194 min  
Delta R.T.: 0.008 min  
Response: 4794971  
Conc: 48.74 ug/ml