

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010824AR\  
 Data File : FD047115.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Jan 2024 15:12  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 08 17:09:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 010824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 08 15:15:30 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.469  | 3001484    | 19.513 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.03%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.322  | 2006808    | 19.643 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.29%       |
| 11) S ortho-Terphenyl (SURR)       | 11.358 | 3494951    | 19.616 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.23%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.284  | 3037998    | 19.501 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.810  | 3259798    | 19.459 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.858  | 3310669    | 19.529 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.125  | 3032079    | 19.559 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.420  | 3239284    | 19.616 ug/ml |
| 8) T Fluorene (C16.55)             | 9.198  | 3156612    | 19.779 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.586 | 3107603    | 19.632 ug/ml |
| 10) T Anthracene (C19.43)          | 10.661 | 2940942    | 19.185 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.388 | 3131492    | 19.628 ug/ml |
| 13) T Pyrene (C20.8)               | 12.681 | 3055423    | 19.767 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.545 | 2779567    | 19.799 ug/ml |
| 15) T Chrysene (C27.41)            | 14.587 | 3019283    | 19.494 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.087 | 2843987    | 19.606 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.118 | 2868457    | 19.458 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.461 | 2801862    | 19.600 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.817 | 2550009    | 19.786 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.859 | 2811828    | 19.834 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.068 | 2700244    | 19.679 ug/ml |
| -----                              |        |            |              |

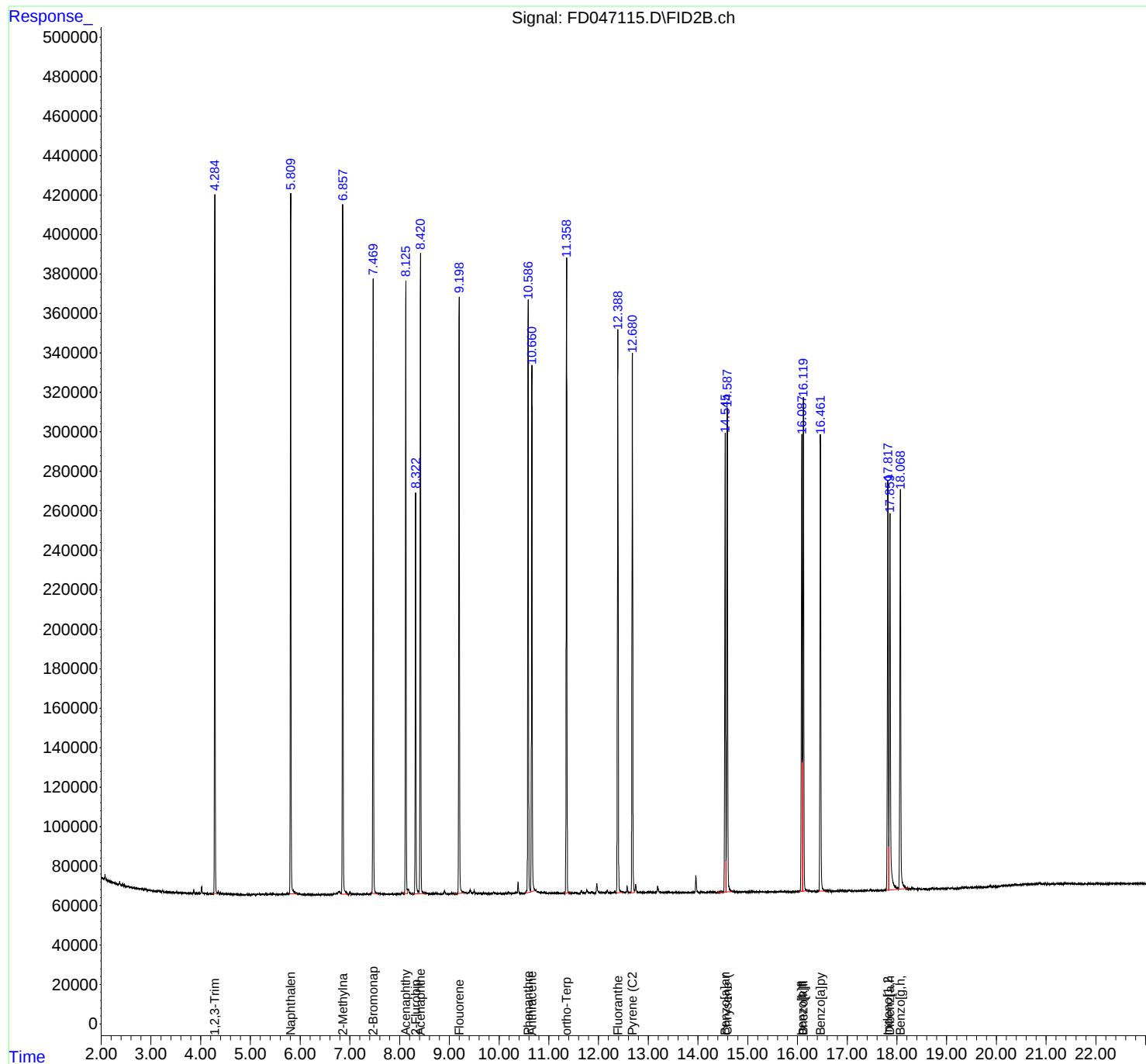
(f)=RT Delta > 1/2 Window

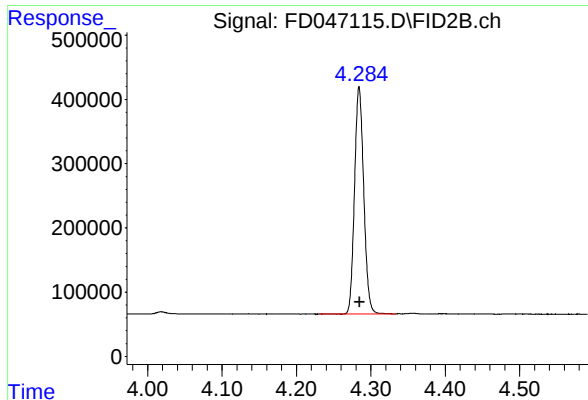
(m)=manual int.

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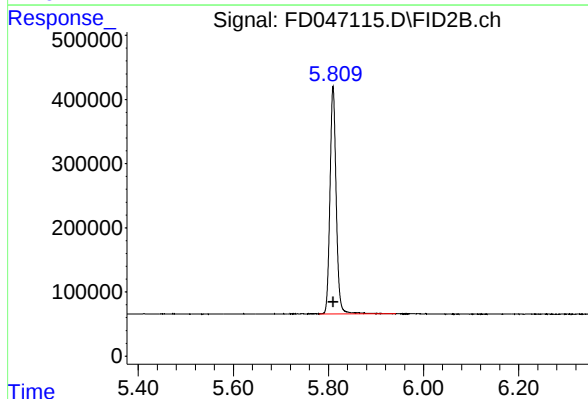
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





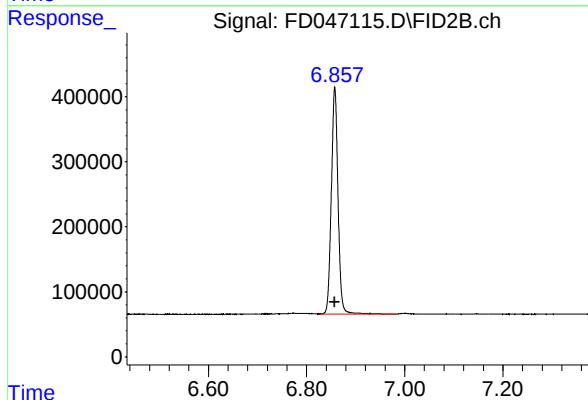
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 3037998  
Conc: 19.50 ug/ml



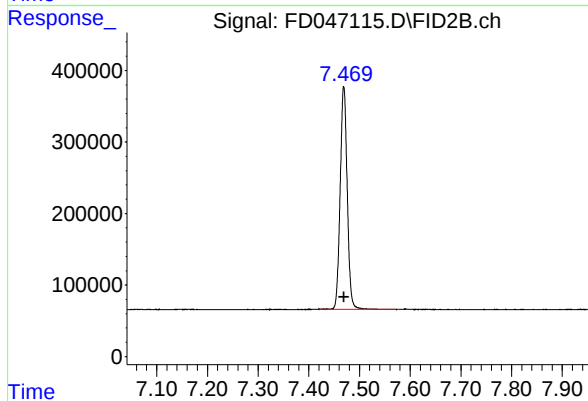
#2 Naphthalene (C11.7)

R.T.: 5.810 min  
Delta R.T.: 0.000 min  
Response: 3259798  
Conc: 19.46 ug/ml



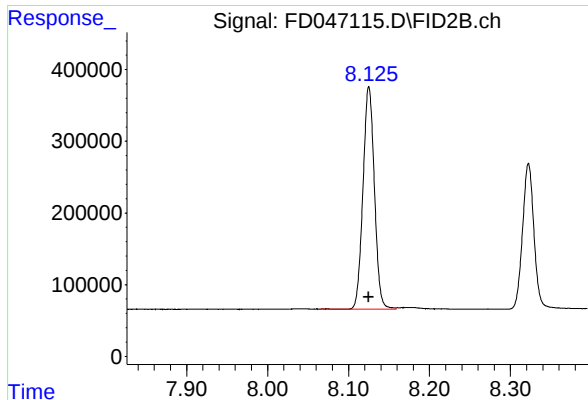
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 3310669  
Conc: 19.53 ug/ml



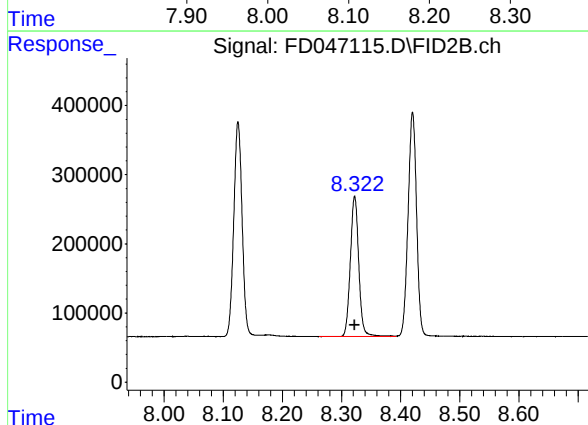
#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 3001484  
Conc: 19.51 ug/ml



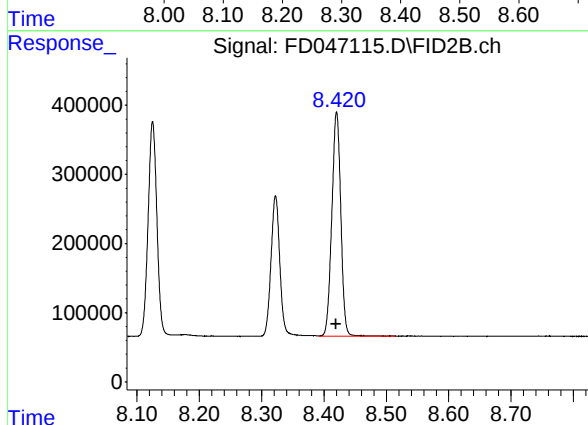
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 3032079  
Conc: 19.56 ug/ml



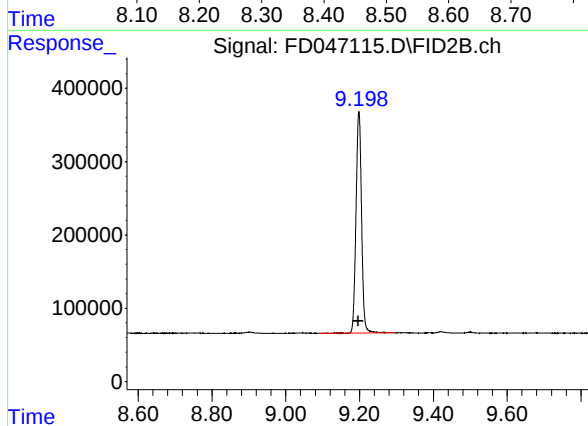
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.322 min  
Delta R.T.: 0.000 min  
Response: 2006808  
Conc: 19.64 ug/ml



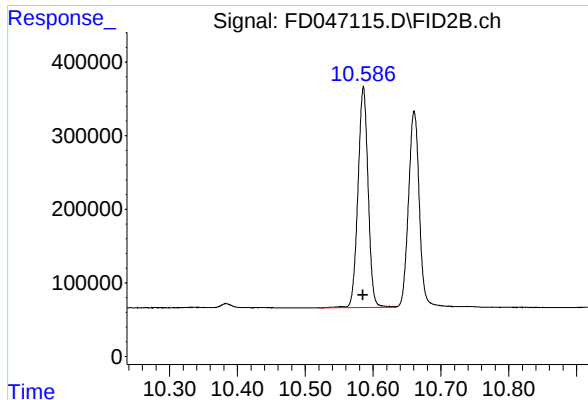
#7 Acenaphthene (C15.5)

R.T.: 8.420 min  
Delta R.T.: 0.000 min  
Response: 3239284  
Conc: 19.62 ug/ml



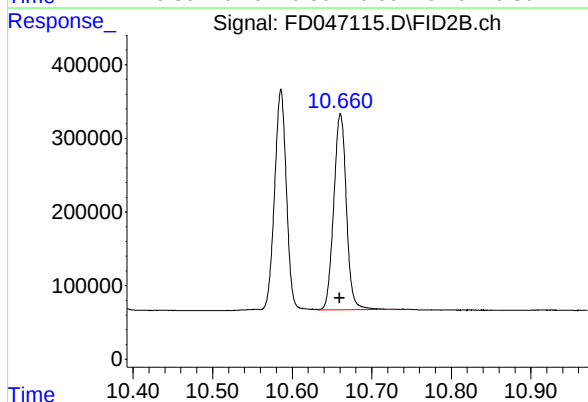
#8 Flouorene (C16.55)

R.T.: 9.198 min  
Delta R.T.: 0.000 min  
Response: 3156612  
Conc: 19.78 ug/ml



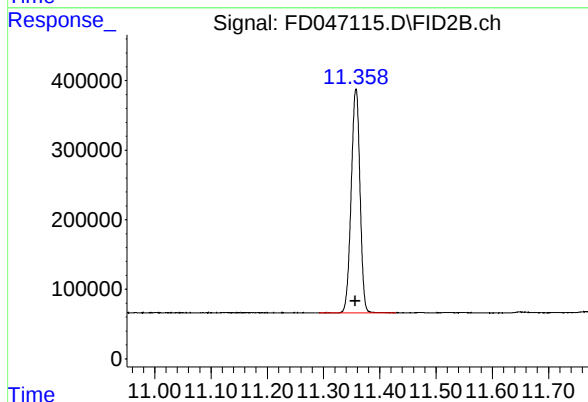
#9 Phenanthrene (C19.36)

R.T.: 10.586 min  
Delta R.T.: 0.000 min  
Response: 3107603  
Conc: 19.63 ug/ml



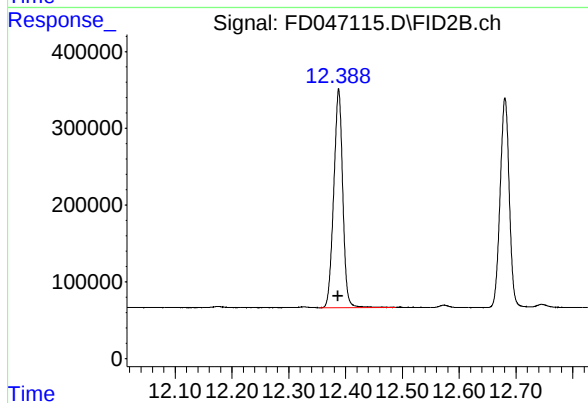
#10 Anthracene (C19.43)

R.T.: 10.661 min  
Delta R.T.: 0.001 min  
Response: 2940942  
Conc: 19.18 ug/ml



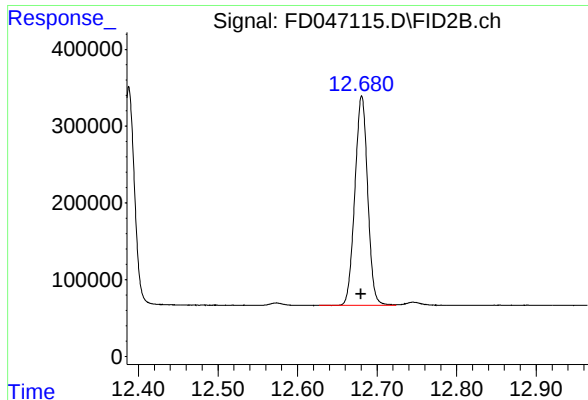
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min  
Delta R.T.: 0.001 min  
Response: 3494951  
Conc: 19.62 ug/ml



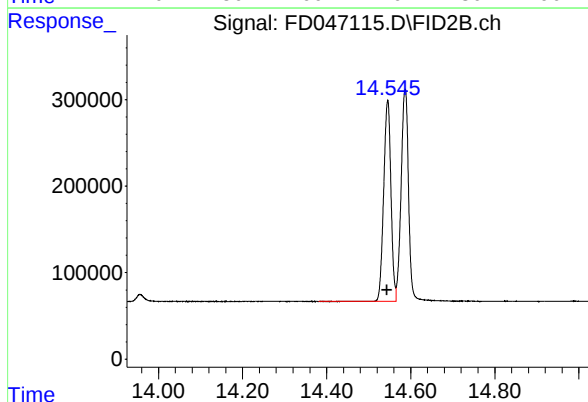
#12 Fluoranthene (C21.85)

R.T.: 12.388 min  
Delta R.T.: 0.001 min  
Response: 3131492  
Conc: 19.63 ug/ml



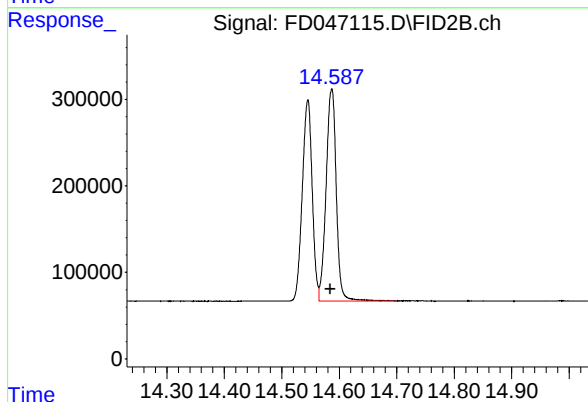
#13 Pyrene (C20.8)

R.T.: 12.681 min  
Delta R.T.: 0.000 min  
Response: 3055423  
Conc: 19.77 ug/ml



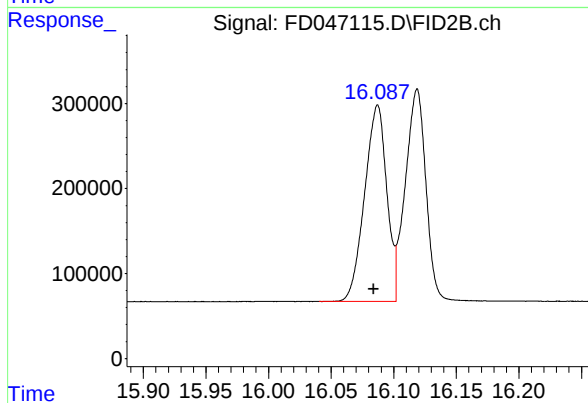
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min  
Delta R.T.: 0.002 min  
Response: 2779567  
Conc: 19.80 ug/ml



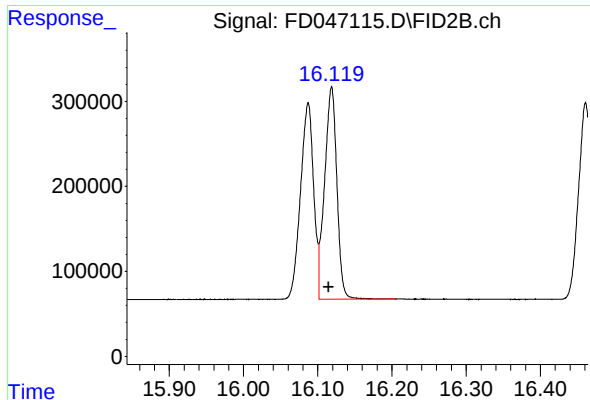
#15 Chrysene (C27.41)

R.T.: 14.587 min  
Delta R.T.: 0.002 min  
Response: 3019283  
Conc: 19.49 ug/ml



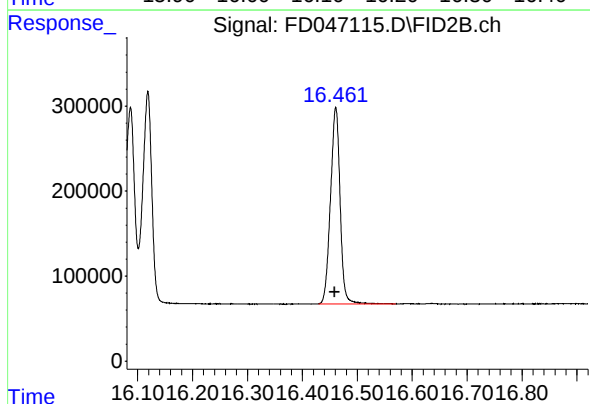
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.087 min  
Delta R.T.: 0.003 min  
Response: 2843987  
Conc: 19.61 ug/ml



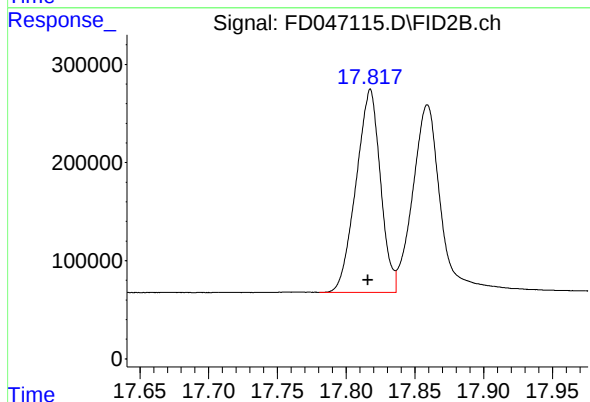
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min  
Delta R.T.: 0.004 min  
Response: 2868457  
Conc: 19.46 ug/ml



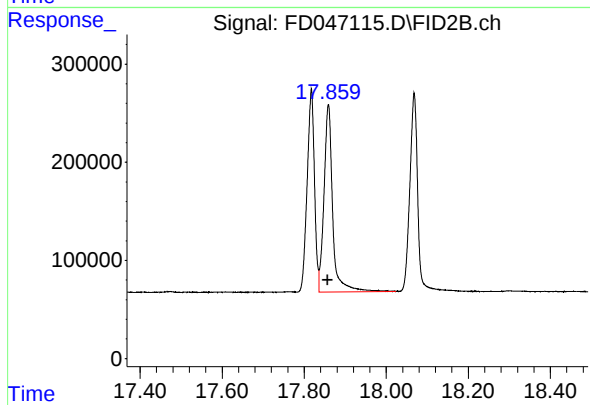
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min  
Delta R.T.: 0.002 min  
Response: 2801862  
Conc: 19.60 ug/ml



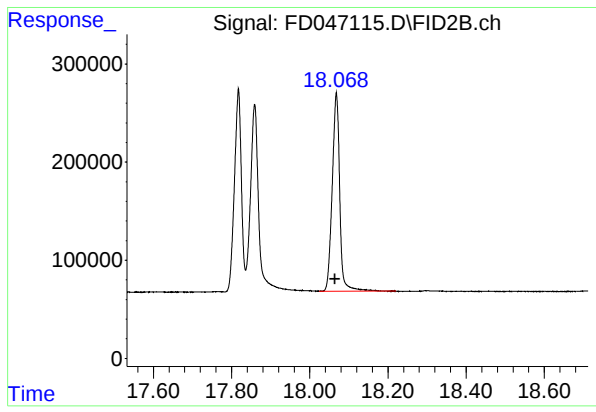
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min  
Delta R.T.: 0.001 min  
Response: 2550009  
Conc: 19.79 ug/ml



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

R.T.: 17.859 min  
Delta R.T.: 0.002 min  
Response: 2811828  
Conc: 19.83 ug/ml



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

R.T.: 18.068 min  
Delta R.T.: 0.003 min  
Response: 2700244  
Conc: 19.68 ug/ml