

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020824AR\  
 Data File : FD047191.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Feb 2024 12:17  
 Operator : YP/AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 08 13:40:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020824.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 08 13:39:35 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...      | 7.466  | 1479453    | 9.856 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 19.71%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.319  | 974669     | 9.762 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 19.52%      |
| 11) S ortho-Terphenyl (SURR)       | 11.354 | 1729242    | 9.908 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 19.82%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.283  | 1533376    | 9.946 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.807  | 1608655    | 9.868 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.854  | 1638424    | 9.863 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.122  | 1504579    | 9.871 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.417  | 1614211    | 9.979 ug/ml |
| 8) T Flouorene (C16.55)            | 9.194  | 1534950    | 9.686 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.582 | 1510267    | 9.769 ug/ml |
| 10) T Anthracene (C19.43)          | 10.656 | 1424954    | 9.709 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.384 | 1521109    | 9.837 ug/ml |
| 13) T Pyrene (C20.8)               | 12.678 | 1480517    | 9.852 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.540 | 1309817    | 9.638 ug/ml |
| 15) T Chrysene (C27.41)            | 14.582 | 1445299    | 9.860 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.082 | 1347844    | 9.700 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.113 | 1375379    | 9.784 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.457 | 1332685    | 9.738 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.814 | 1209941    | 9.431 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.856 | 1338611    | 9.946 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.064 | 1304413    | 9.734 ug/ml |
| -----                              |        |            |             |

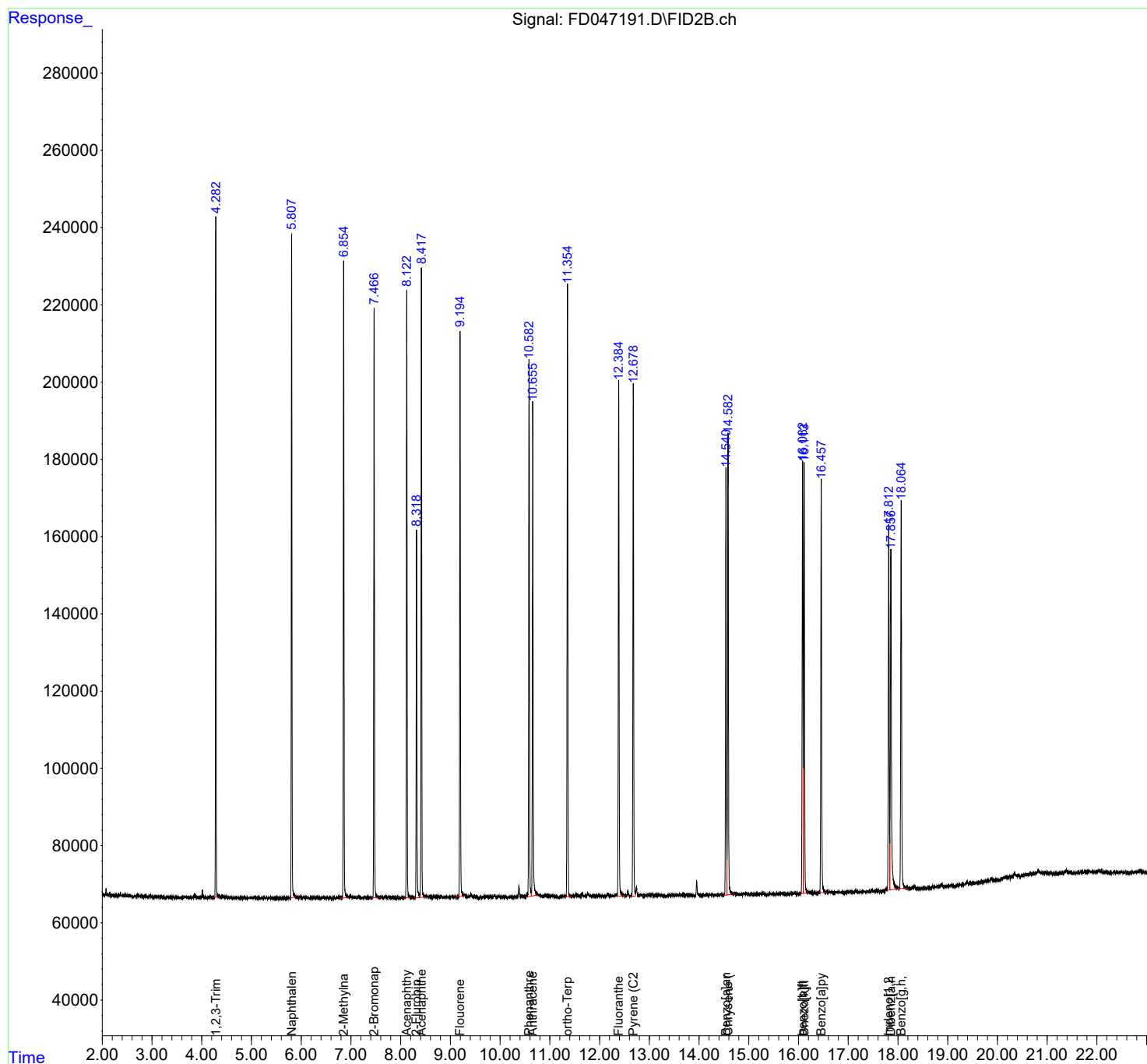
(f)=RT Delta > 1/2 Window

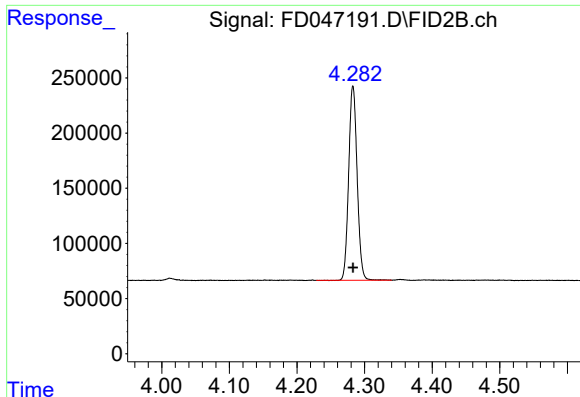
(m)=manual int.

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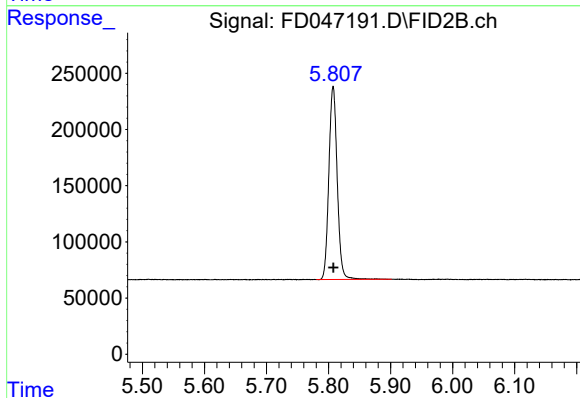
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





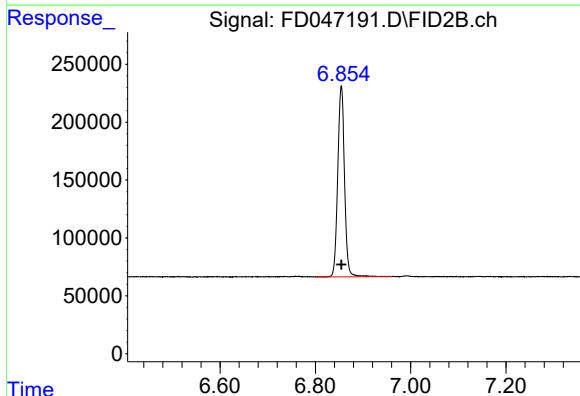
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min  
Delta R.T.: 0.000 min  
Response: 1533376  
Conc: 9.95 ug/ml



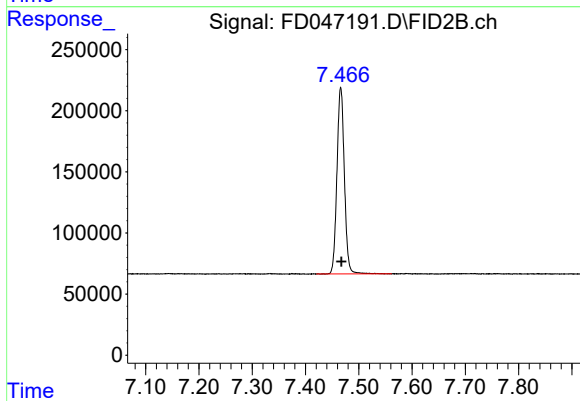
#2 Naphthalene (C11.7)

R.T.: 5.807 min  
Delta R.T.: 0.000 min  
Response: 1608655  
Conc: 9.87 ug/ml



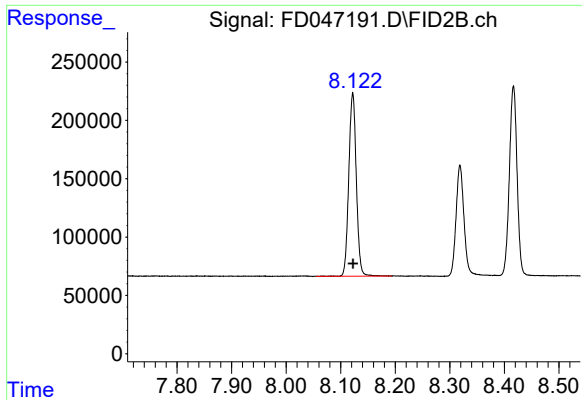
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 1638424  
Conc: 9.86 ug/ml



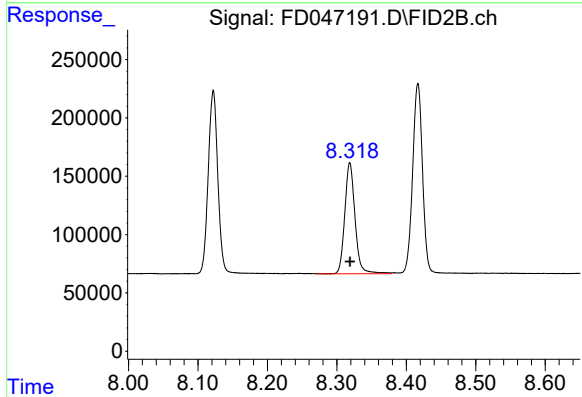
#4 2-Bromonaphthalene (SURR)

R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 1479453  
Conc: 9.86 ug/ml



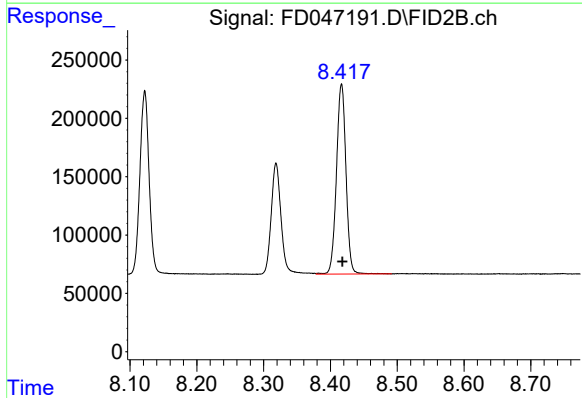
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 1504579  
Conc: 9.87 ug/ml



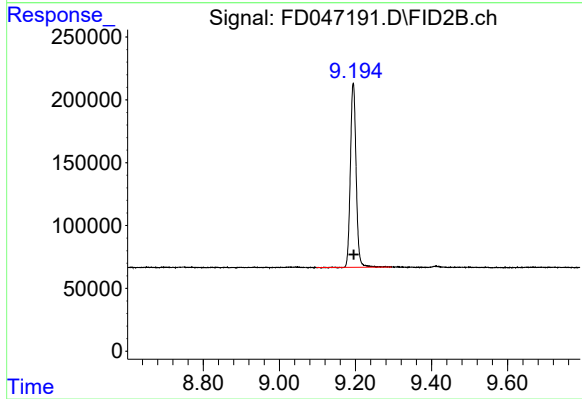
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 974669  
Conc: 9.76 ug/ml



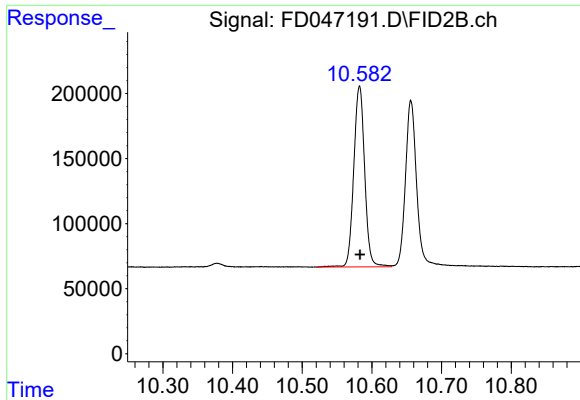
#7 Acenaphthene (C15.5)

R.T.: 8.417 min  
Delta R.T.: -0.001 min  
Response: 1614211  
Conc: 9.98 ug/ml



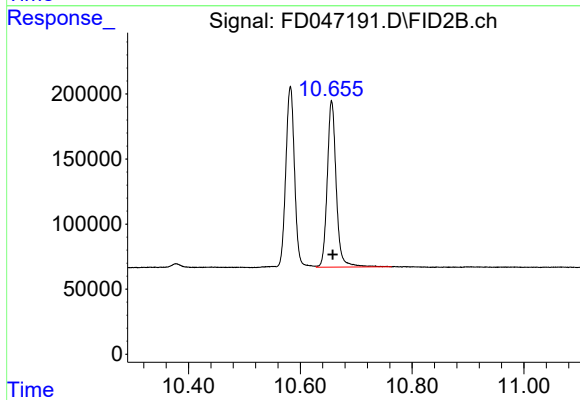
#8 Fluorene (C16.55)

R.T.: 9.194 min  
Delta R.T.: -0.002 min  
Response: 1534950  
Conc: 9.69 ug/ml



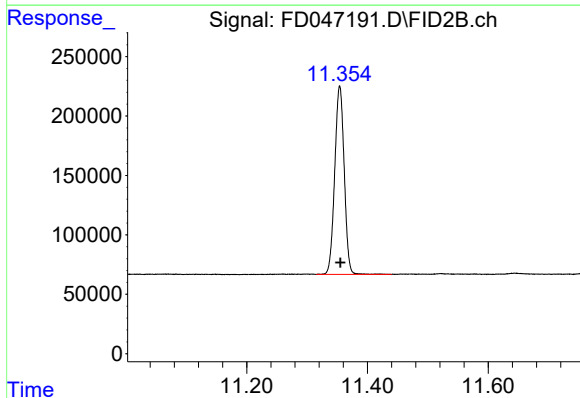
#9 Phenanthrene (C19.36)

R.T.: 10.582 min  
Delta R.T.: 0.000 min  
Response: 1510267  
Conc: 9.77 ug/ml



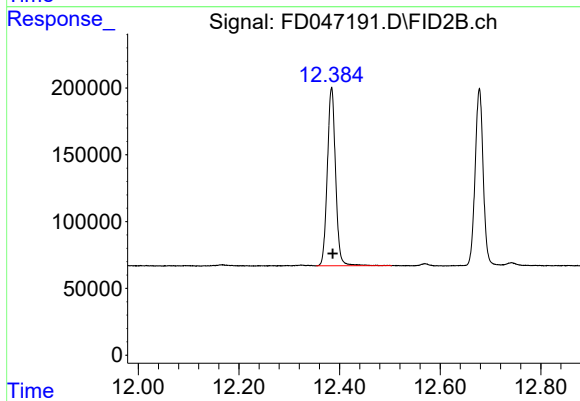
#10 Anthracene (C19.43)

R.T.: 10.656 min  
Delta R.T.: -0.002 min  
Response: 1424954  
Conc: 9.71 ug/ml



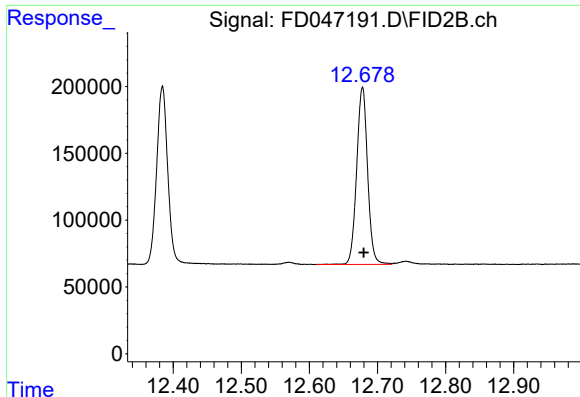
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min  
Delta R.T.: -0.001 min  
Response: 1729242  
Conc: 9.91 ug/ml



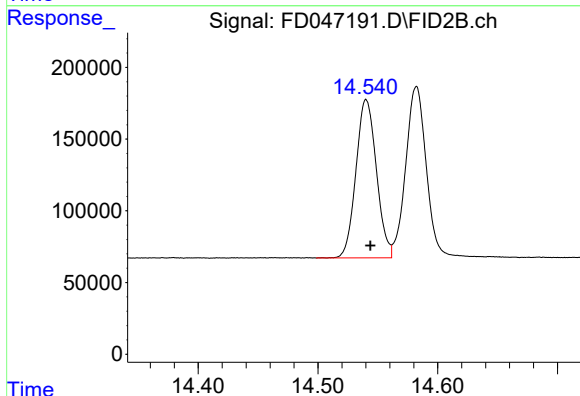
#12 Fluoranthene (C21.85)

R.T.: 12.384 min  
Delta R.T.: -0.002 min  
Response: 1521109  
Conc: 9.84 ug/ml



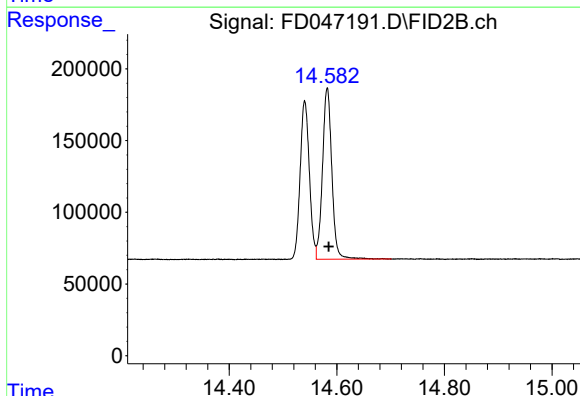
#13 Pyrene (C20.8)

R.T.: 12.678 min  
Delta R.T.: -0.002 min  
Response: 1480517  
Conc: 9.85 ug/ml



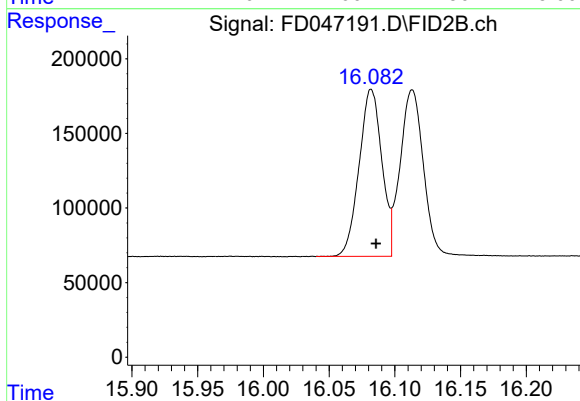
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min  
Delta R.T.: -0.003 min  
Response: 1309817  
Conc: 9.64 ug/ml



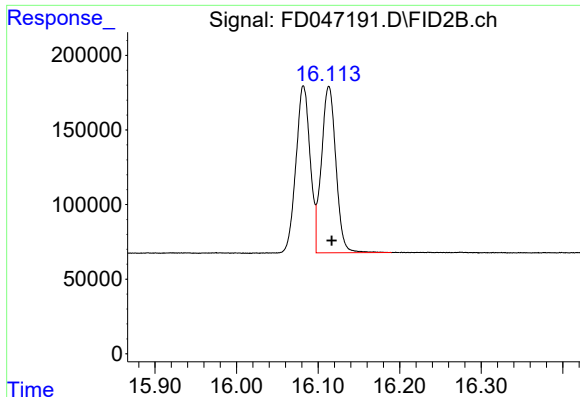
#15 Chrysene (C27.41)

R.T.: 14.582 min  
Delta R.T.: -0.003 min  
Response: 1445299  
Conc: 9.86 ug/ml



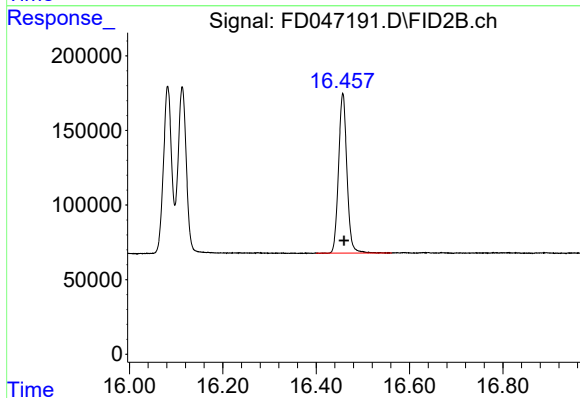
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min  
Delta R.T.: -0.004 min  
Response: 1347844  
Conc: 9.70 ug/ml



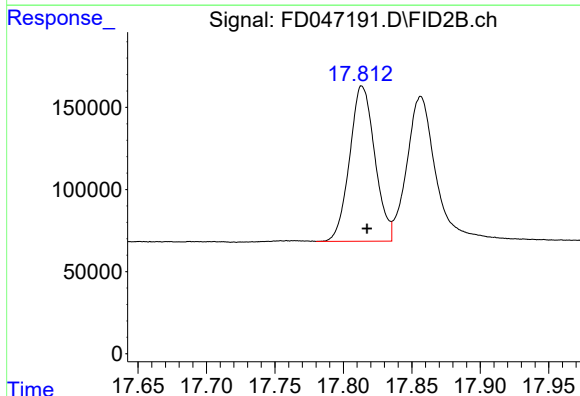
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min  
Delta R.T.: -0.004 min  
Response: 1375379  
Conc: 9.78 ug/ml



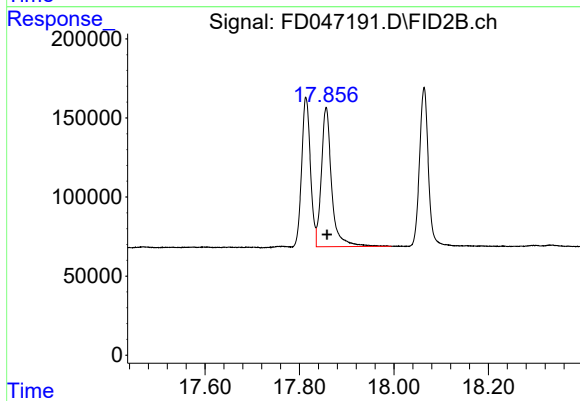
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min  
Delta R.T.: -0.002 min  
Response: 1332685  
Conc: 9.74 ug/ml



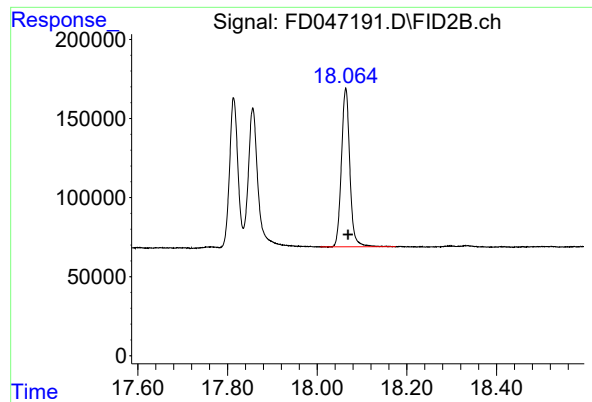
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min  
Delta R.T.: -0.003 min  
Response: 1209941  
Conc: 9.43 ug/ml



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

R.T.: 17.856 min  
Delta R.T.: -0.002 min  
Response: 1338611  
Conc: 9.95 ug/ml



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

R.T.: 18.064 min  
Delta R.T.: -0.005 min  
Response: 1304413  
Conc: 9.73 ug/ml