

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD103019AR\  
 Data File : FD031280.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Oct 2019 9:29  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 30 12:58:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 03:44:42 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...      | 7.535  | 1935570    | 20.250 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.50%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.397  | 1239877    | 19.541 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.08%       |
| 11) S ortho-Terphenyl (SURR)       | 11.424 | 2103592    | 19.193 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.39%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.344  | 1908137    | 19.235 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.877  | 2126590    | 21.004 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.926  | 2097256    | 20.455 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.197  | 2011260    | 19.484 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.491  | 2166817    | 19.851 ug/ml |
| 8) T Fluorene (C16.55)             | 9.272  | 2033487    | 19.617 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.664 | 1991436    | 19.063 ug/ml |
| 10) T Anthracene (C19.43)          | 10.741 | 1664875    | 15.867 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.471 | 2057653    | 19.370 ug/ml |
| 13) T Pyrene (C20.8)               | 12.768 | 1978624    | 18.673 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.679 | 2120423    | 22.071 ug/ml |
| 15) T Chrysene (C27.41)            | 14.679 | 2120423    | 19.288 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.217 | 2150674    | 22.171 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.217 | 2150674    | 19.758 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.565 | 2016429    | 20.548 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.966 | 2168977    | 23.997 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.966 | 2168977    | 21.128 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.184 | 1988640    | 20.862 ug/ml |
| -----                              |        |            |              |

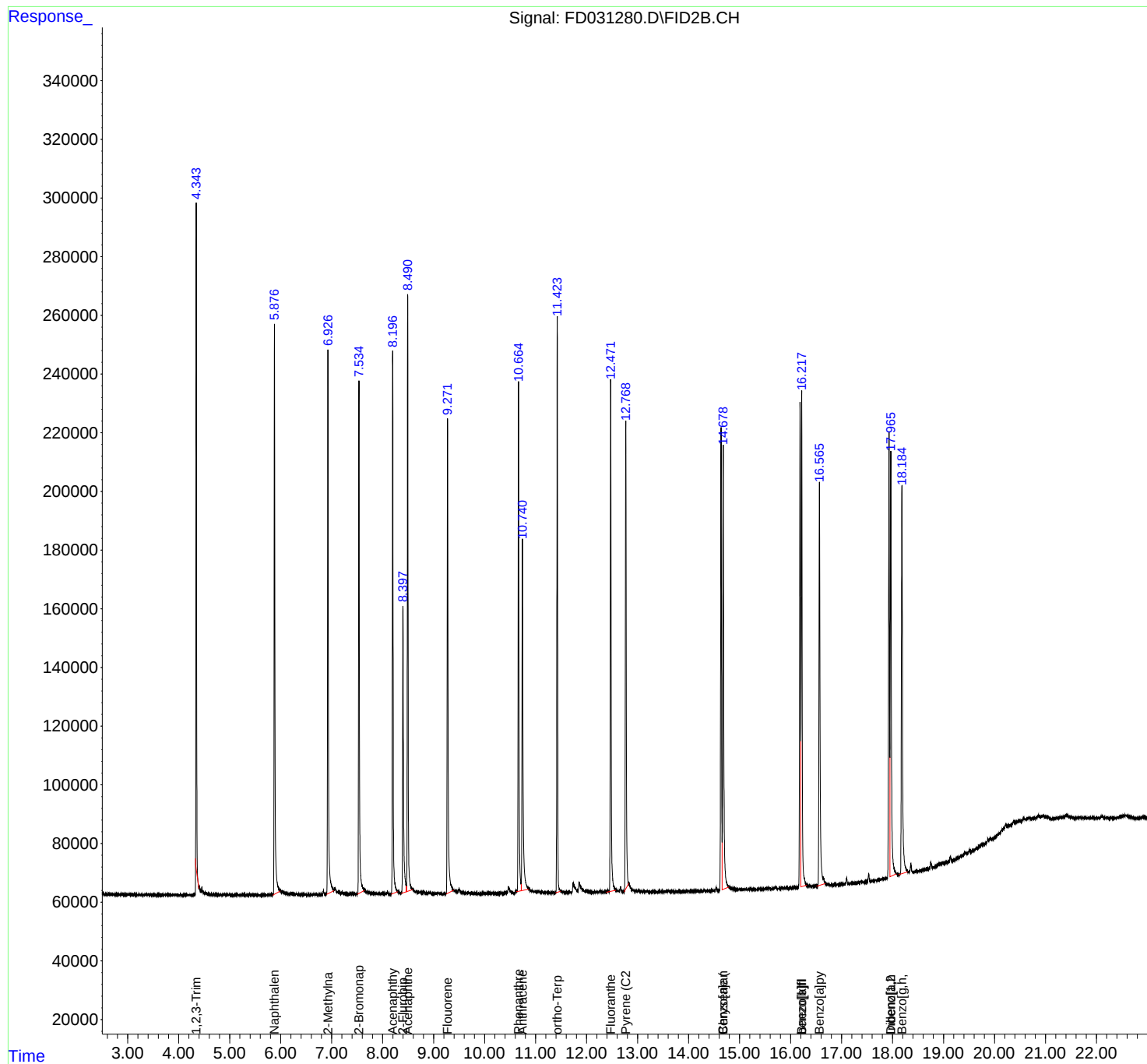
(f)=RT Delta > 1/2 Window

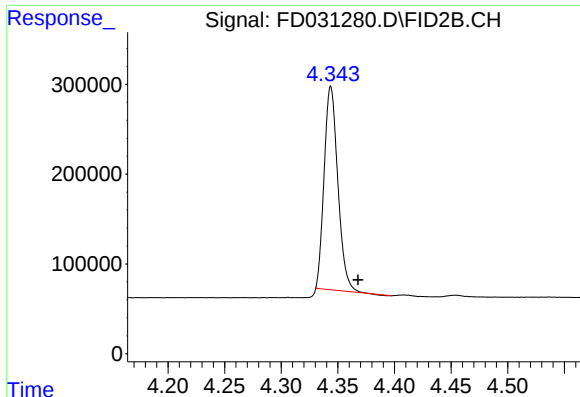
(m)=manual int.

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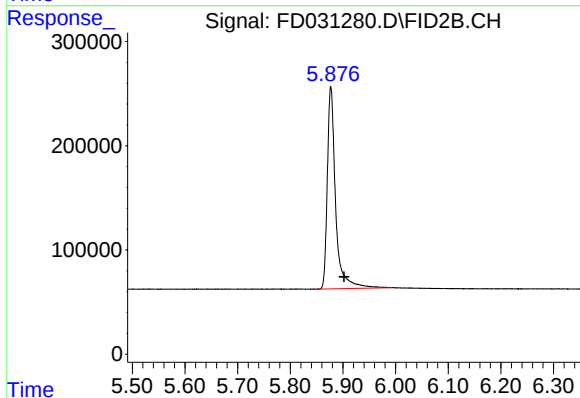
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





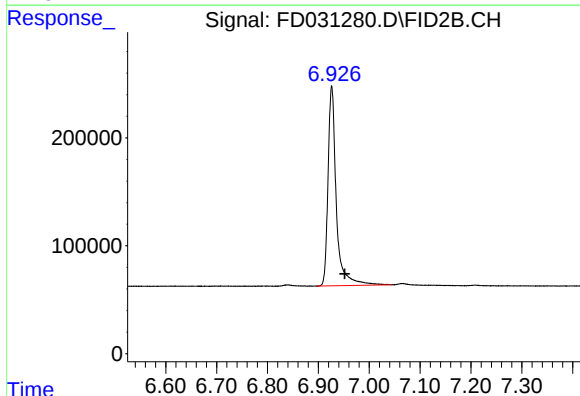
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.344 min  
Delta R.T.: -0.024 min  
Response: 1908137  
Conc: 19.24 ug/ml



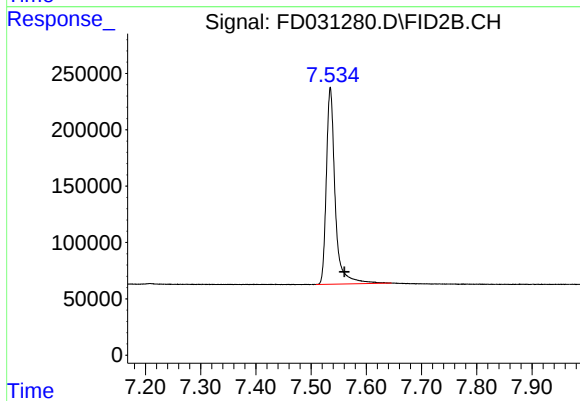
#2 Naphthalene (C11.7)

R.T.: 5.877 min  
Delta R.T.: -0.025 min  
Response: 2126590  
Conc: 21.00 ug/ml



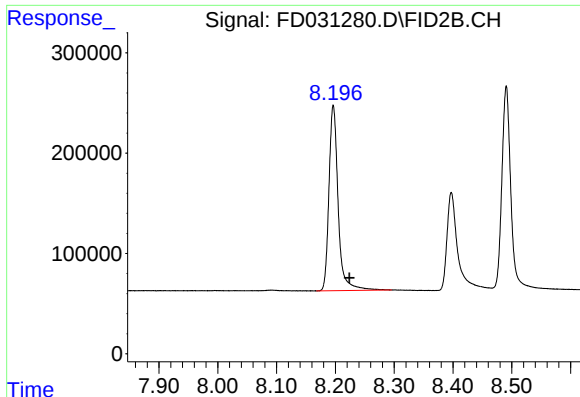
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min  
Delta R.T.: -0.025 min  
Response: 2097256  
Conc: 20.45 ug/ml



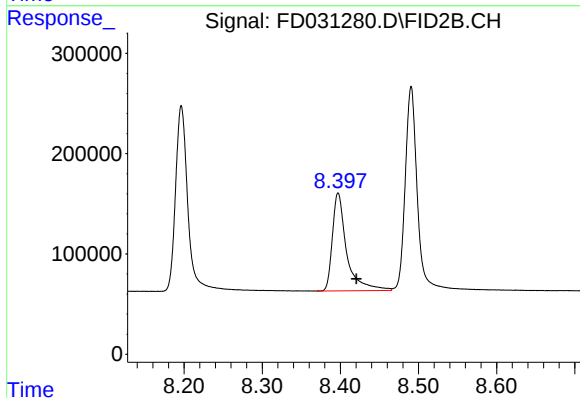
#4 2-Bromonaphthalene (SURR)

R.T.: 7.535 min  
Delta R.T.: -0.025 min  
Response: 1935570  
Conc: 20.25 ug/ml



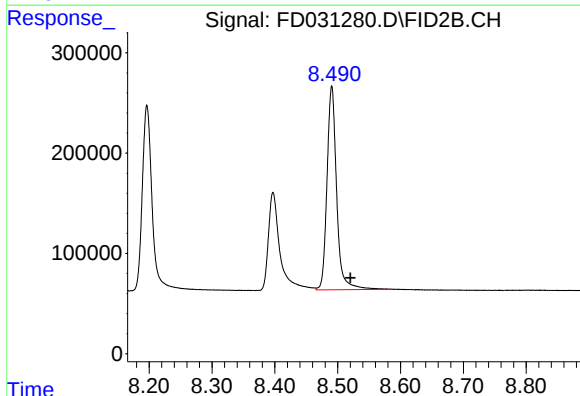
#5 Acenaphthylene (C15.06)

R.T.: 8.197 min  
Delta R.T.: -0.028 min  
Response: 2011260  
Conc: 19.48 ug/ml



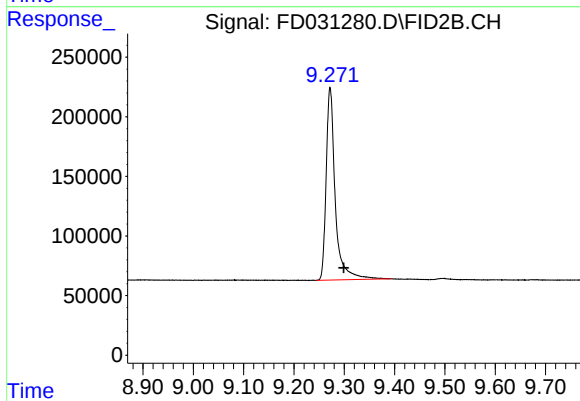
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.397 min  
Delta R.T.: -0.023 min  
Response: 1239877  
Conc: 19.54 ug/ml



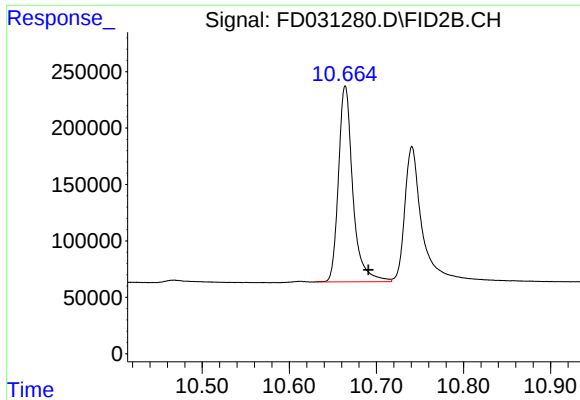
#7 Acenaphthene (C15.5)

R.T.: 8.491 min  
Delta R.T.: -0.030 min  
Response: 2166817  
Conc: 19.85 ug/ml



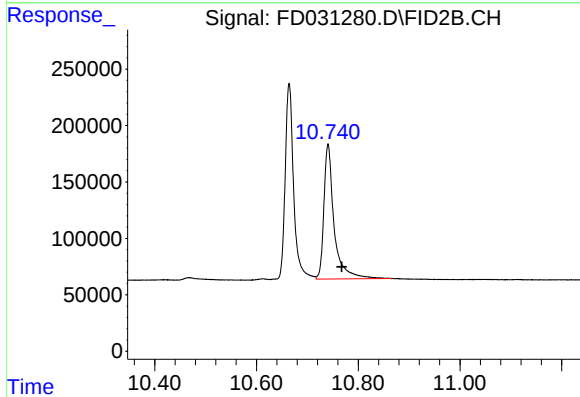
#8 Flouorene (C16.55)

R.T.: 9.272 min  
Delta R.T.: -0.027 min  
Response: 2033487  
Conc: 19.62 ug/ml



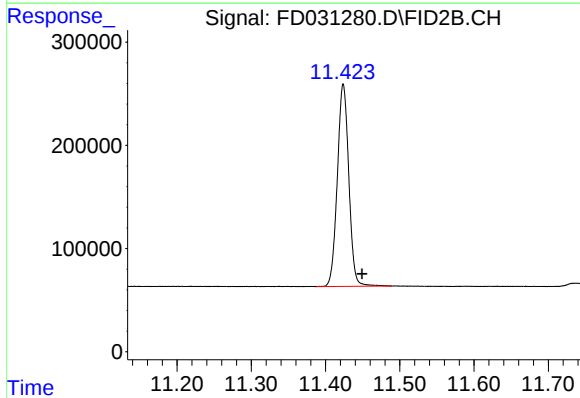
#9 Phenanthrene (C19.36)

R.T.: 10.664 min  
Delta R.T.: -0.026 min  
Response: 1991436  
Conc: 19.06 ug/ml



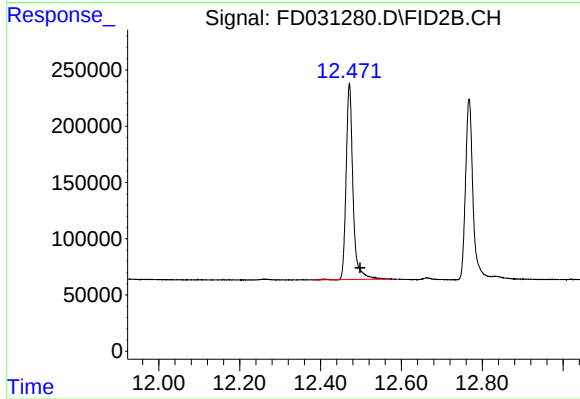
#10 Anthracene (C19.43)

R.T.: 10.741 min  
Delta R.T.: -0.027 min  
Response: 1664875  
Conc: 15.87 ug/ml



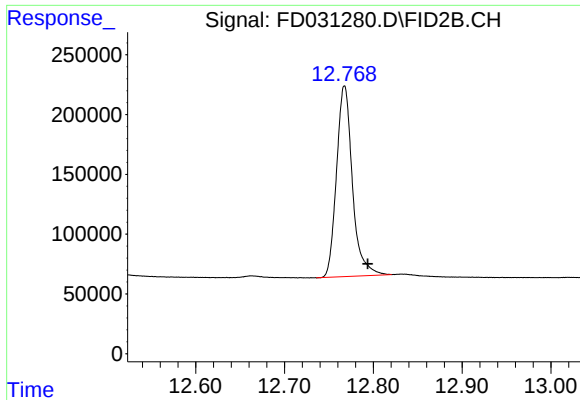
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min  
Delta R.T.: -0.025 min  
Response: 2103592  
Conc: 19.19 ug/ml



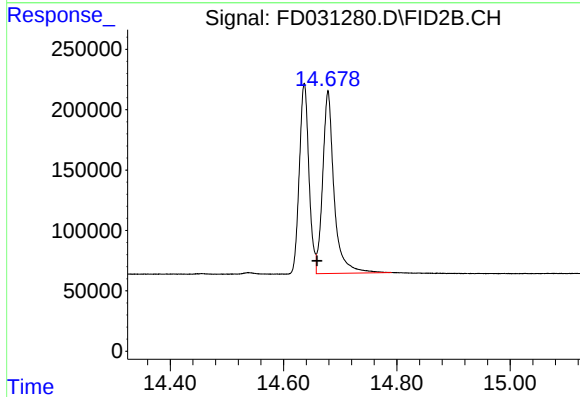
#12 Fluoranthene (C21.85)

R.T.: 12.471 min  
Delta R.T.: -0.026 min  
Response: 2057653  
Conc: 19.37 ug/ml



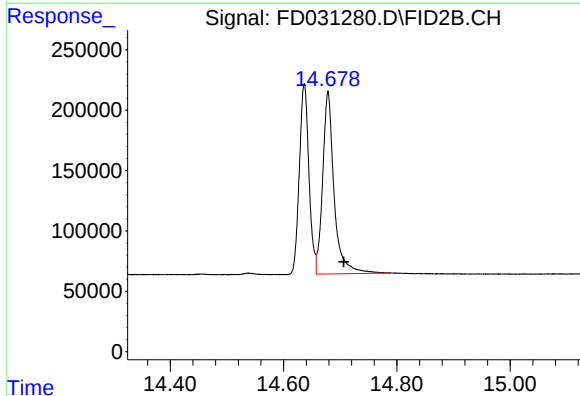
#13 Pyrene (C20.8)

R.T.: 12.768 min  
Delta R.T.: -0.026 min  
Response: 1978624  
Conc: 18.67 ug/ml



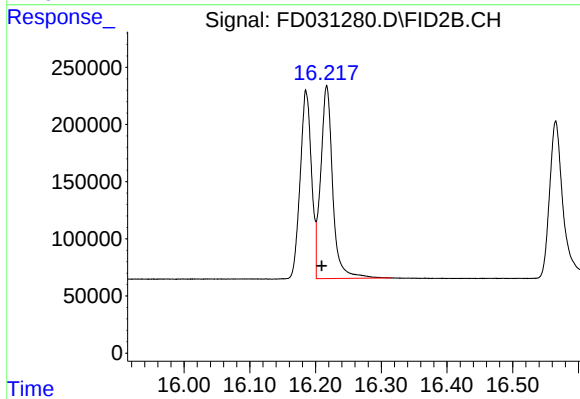
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min  
Delta R.T.: 0.019 min  
Response: 2120423  
Conc: 22.07 ug/ml



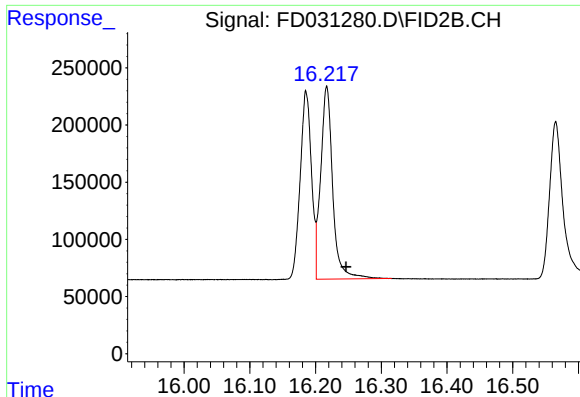
#15 Chrysene (C27.41)

R.T.: 14.679 min  
Delta R.T.: -0.028 min  
Response: 2120423  
Conc: 19.29 ug/ml



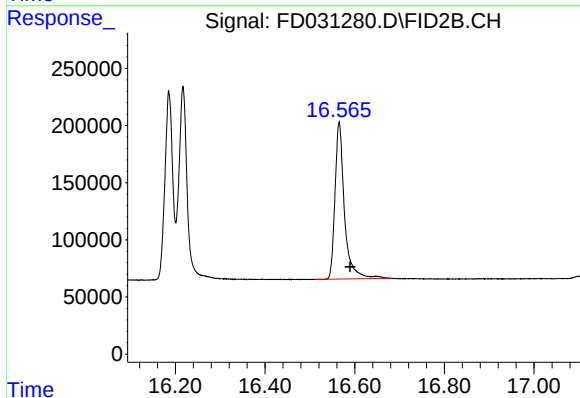
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.217 min  
Delta R.T.: 0.007 min  
Response: 2150674  
Conc: 22.17 ug/ml



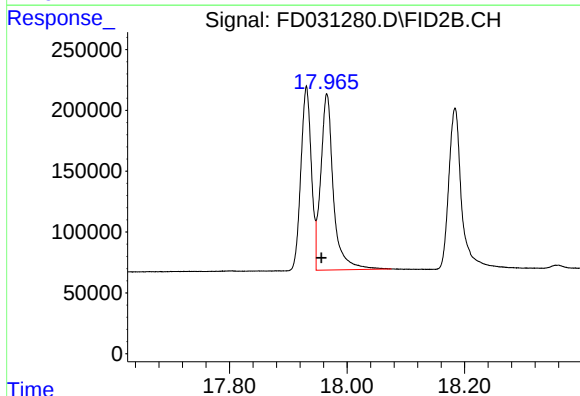
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min  
Delta R.T.: -0.030 min  
Response: 2150674  
Conc: 19.76 ug/ml



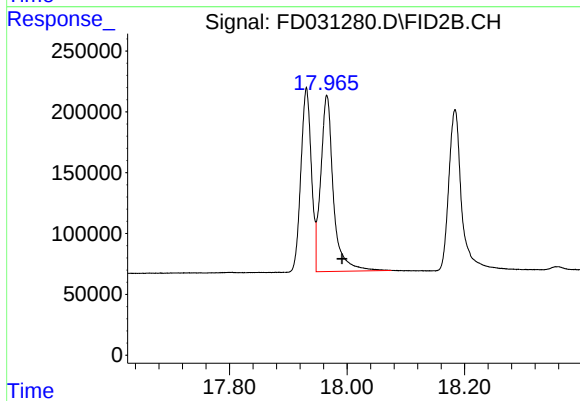
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min  
Delta R.T.: -0.024 min  
Response: 2016429  
Conc: 20.55 ug/ml



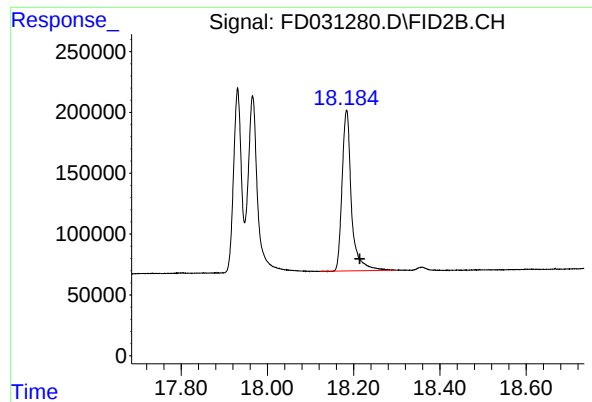
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min  
Delta R.T.: 0.009 min  
Response: 2168977  
Conc: 24.00 ug/ml



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

R.T.: 17.966 min  
Delta R.T.: -0.026 min  
Response: 2168977  
Conc: 21.13 ug/ml



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

R.T.: 18.184 min  
Delta R.T.: -0.030 min  
Response: 1988640  
Conc: 20.86 ug/ml