

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112720AR\  
 Data File : FD035695.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Nov 2020 19:01  
 Operator : DD\AJ  
 Sample : 100 PPM AROMATIC HC STD1  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 28 00:07:09 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112720.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 28 00:05:48 2020  
 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...      | 7.624  | 13526604   | 104.249 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 208.50%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.494  | 9446250    | 105.587 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 211.17%#      |
| 11) S ortho-Terphenyl (SURR)       | 11.530 | 15094885   | 100.964 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 201.93%       |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.421  | 14881407   | 100.870 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.963  | 15939652   | 103.883 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.018  | 15934798   | 103.713 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.296  | 15152585   | 102.117 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.593  | 15645355   | 101.491 ug/ml |
| 8) T Fluorene (C16.55)             | 9.375  | 15164438   | 103.795 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.775 | 14878796   | 102.910 ug/ml |
| 10) T Anthracene (C19.43)          | 10.853 | 14748512   | 101.132 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.592 | 14333223   | 101.190 ug/ml |
| 13) T Pyrene (C20.8)               | 12.891 | 13973641   | 103.286 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.764 | 12267454   | 102.725 ug/ml |
| 15) T Chrysene (C27.41)            | 14.811 | 12594558   | 97.677 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.320 | 11302687   | 102.200 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.320 | 11302687   | 100.048 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.703 | 10107937   | 99.907 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.076 | 11059635   | 114.978 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.076 | 11059635   | 103.975 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.336 | 10363402   | 103.202 ug/ml |
| -----                              |        |            |               |

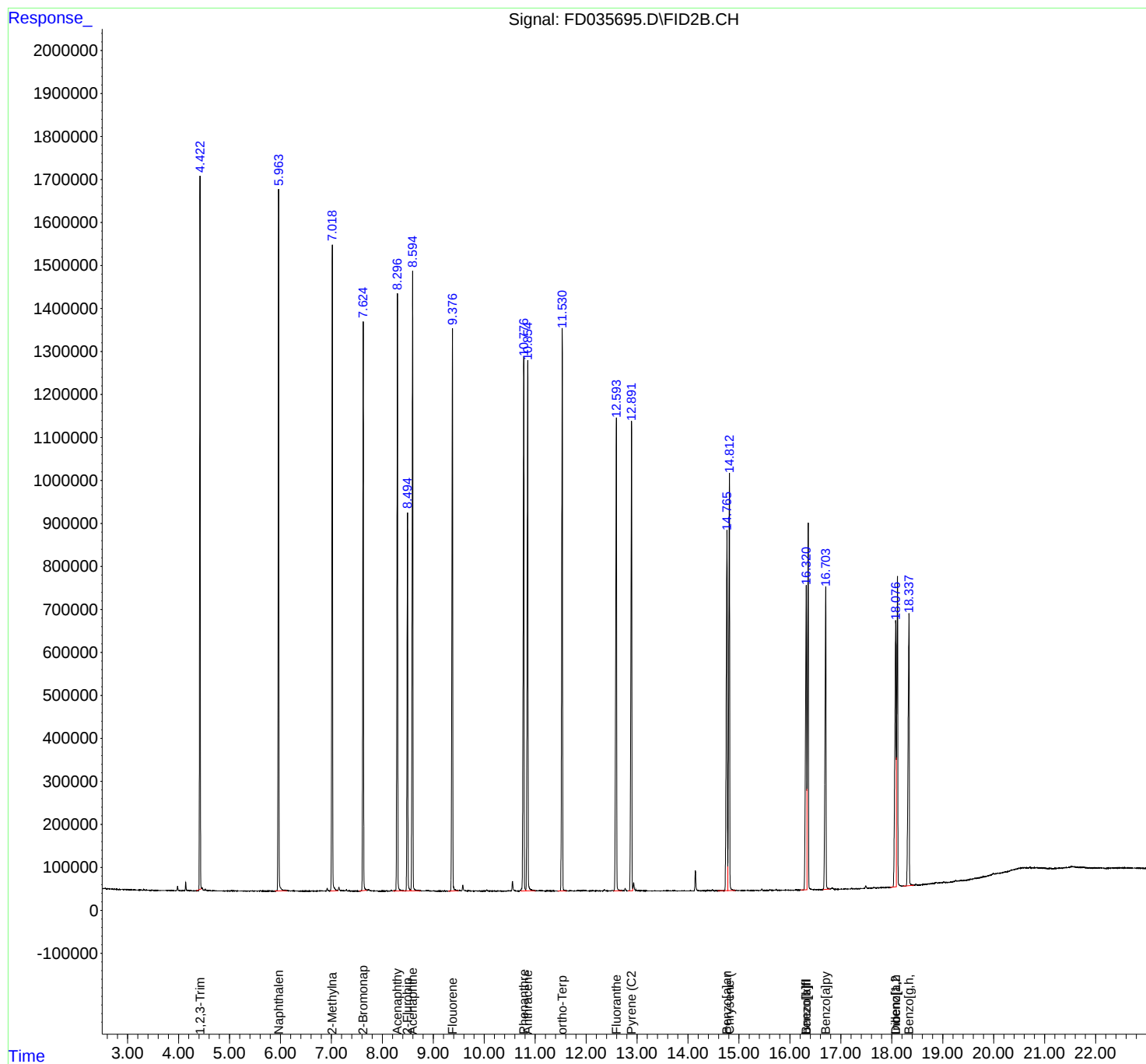
(f)=RT Delta > 1/2 Window

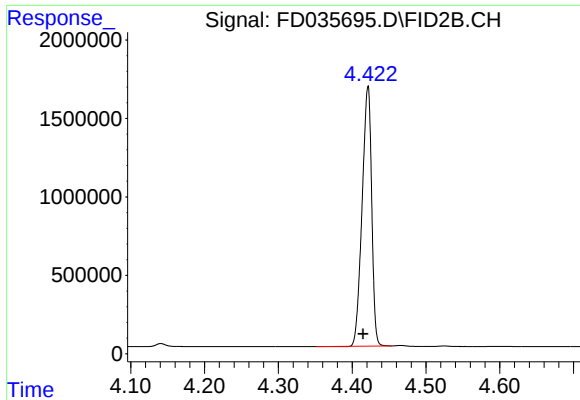
(m)=manual int.

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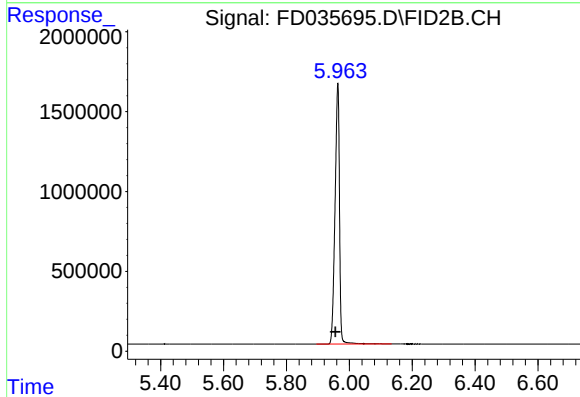
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





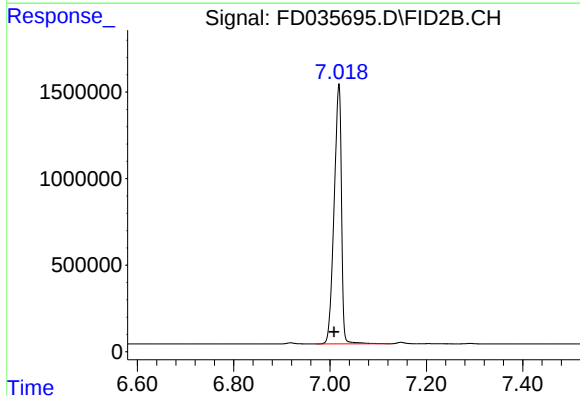
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.421 min  
Delta R.T.: 0.006 min  
Response: 14881407  
Conc: 100.87 ug/ml



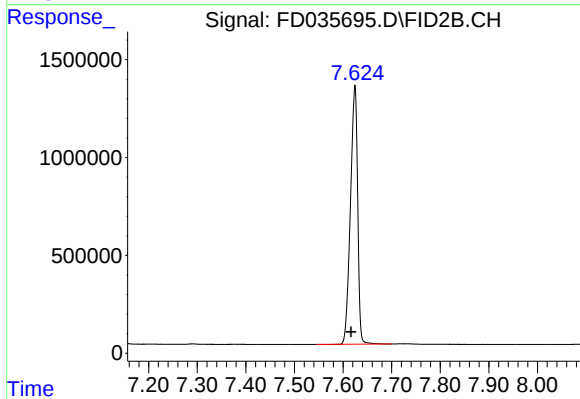
#2 Naphthalene (C11.7)

R.T.: 5.963 min  
Delta R.T.: 0.007 min  
Response: 15939652  
Conc: 103.88 ug/ml



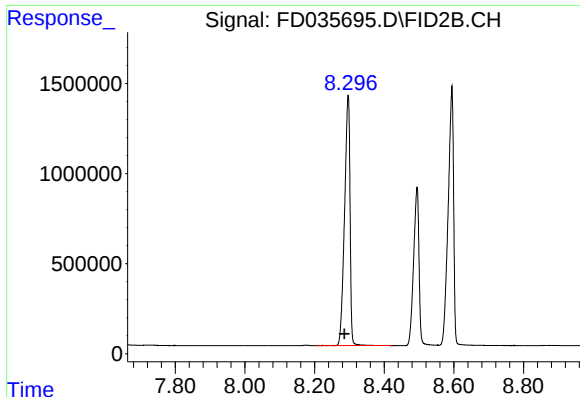
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.018 min  
Delta R.T.: 0.009 min  
Response: 15934798  
Conc: 103.71 ug/ml



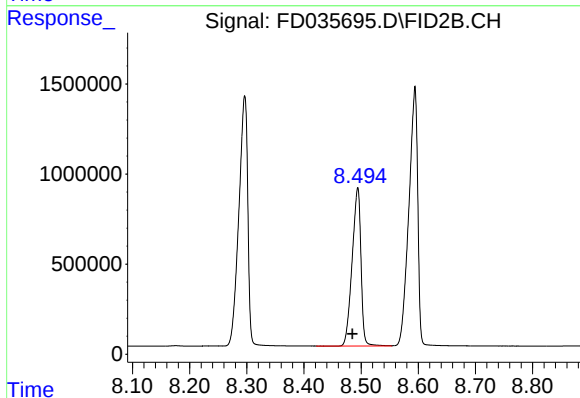
#4 2-Bromonaphthalene (SURR)

R.T.: 7.624 min  
Delta R.T.: 0.008 min  
Response: 13526604  
Conc: 104.25 ug/ml



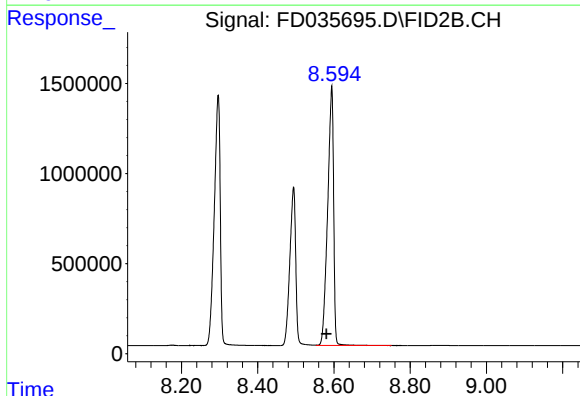
#5 Acenaphthylene (C15.06)

R.T.: 8.296 min  
Delta R.T.: 0.011 min  
Response: 15152585  
Conc: 102.12 ug/ml



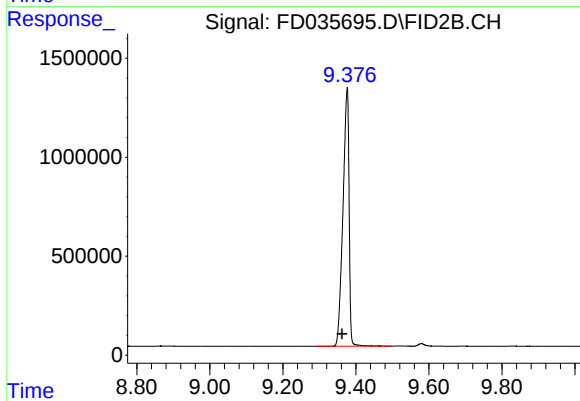
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min  
Delta R.T.: 0.009 min  
Response: 9446250  
Conc: 105.59 ug/ml



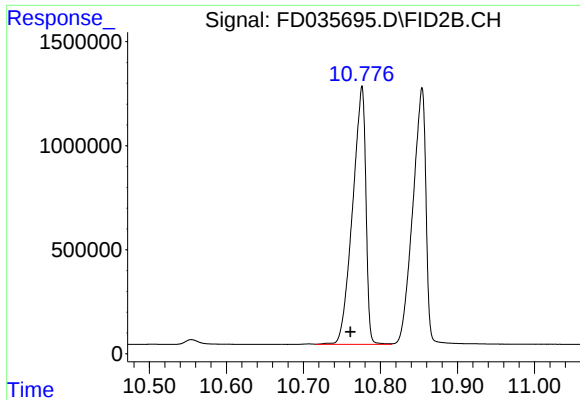
#7 Acenaphthene (C15.5)

R.T.: 8.593 min  
Delta R.T.: 0.013 min  
Response: 15645355  
Conc: 101.49 ug/ml



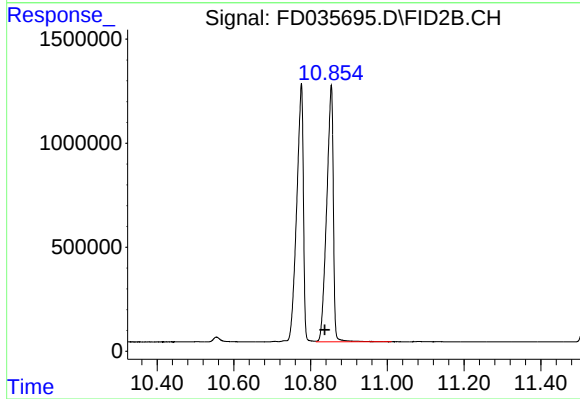
#8 Fluorene (C16.55)

R.T.: 9.375 min  
Delta R.T.: 0.013 min  
Response: 15164438  
Conc: 103.80 ug/ml



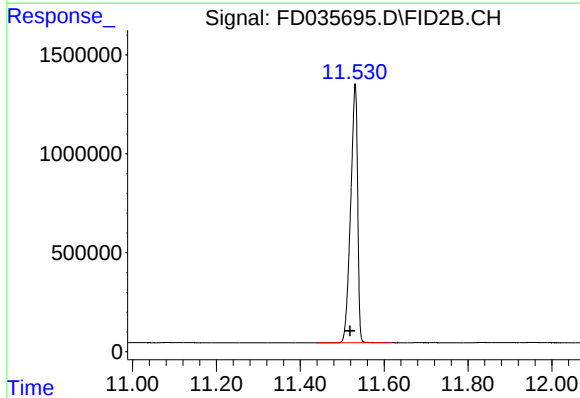
#9 Phenanthrene (C19.36)

R.T.: 10.775 min  
Delta R.T.: 0.014 min  
Response: 14878796  
Conc: 102.91 ug/ml



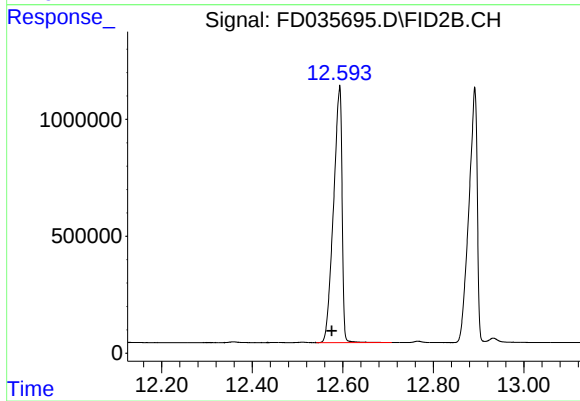
#10 Anthracene (C19.43)

R.T.: 10.853 min  
Delta R.T.: 0.017 min  
Response: 14748512  
Conc: 101.13 ug/ml



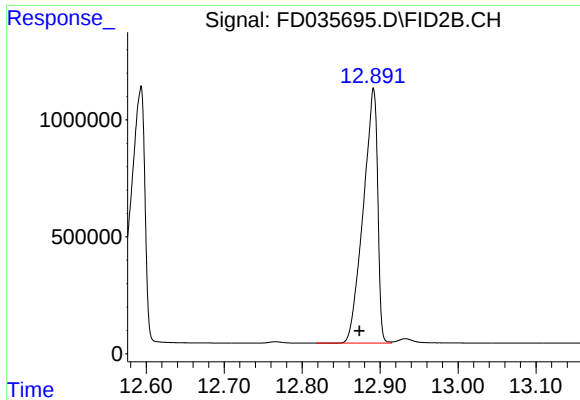
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min  
Delta R.T.: 0.011 min  
Response: 15094885  
Conc: 100.96 ug/ml



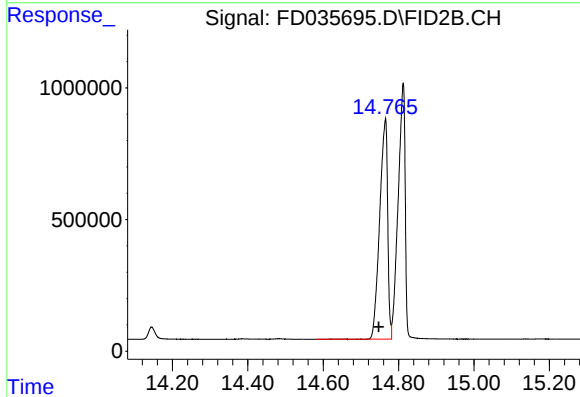
#12 Fluoranthene (C21.85)

R.T.: 12.592 min  
Delta R.T.: 0.016 min  
Response: 14333223  
Conc: 101.19 ug/ml



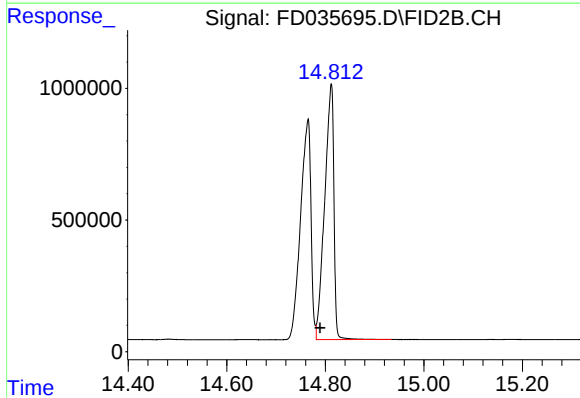
#13 Pyrene (C20.8)

R.T.: 12.891 min  
Delta R.T.: 0.017 min  
Response: 13973641  
Conc: 103.29 ug/ml



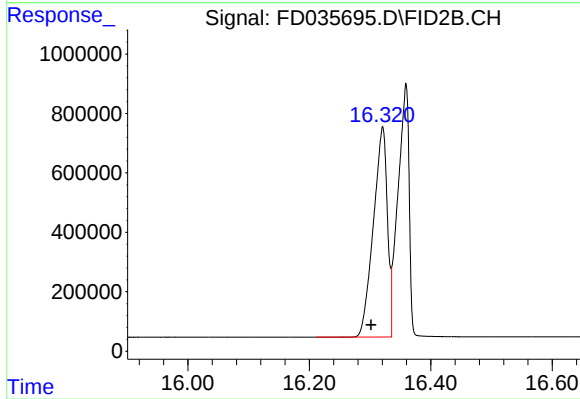
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.764 min  
Delta R.T.: 0.016 min  
Response: 12267454  
Conc: 102.73 ug/ml



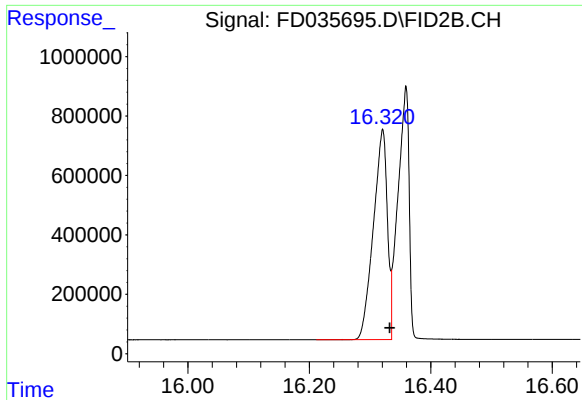
#15 Chrysene (C27.41)

R.T.: 14.811 min  
Delta R.T.: 0.022 min  
Response: 12594558  
Conc: 97.68 ug/ml



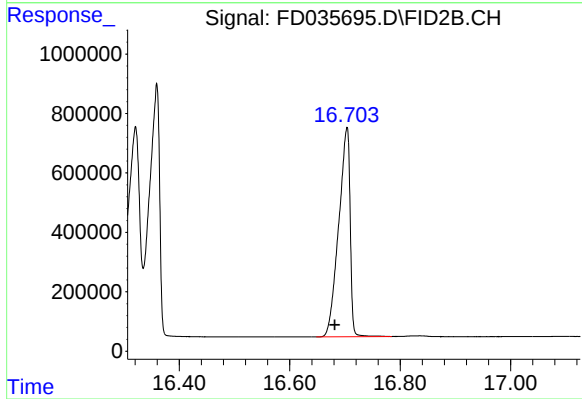
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min  
Delta R.T.: 0.019 min  
Response: 11302687  
Conc: 102.20 ug/ml



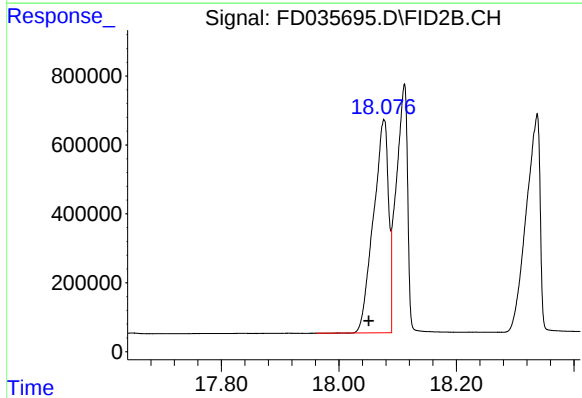
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min  
Delta R.T.: -0.013 min  
Response: 11302687  
Conc: 100.05 ug/ml



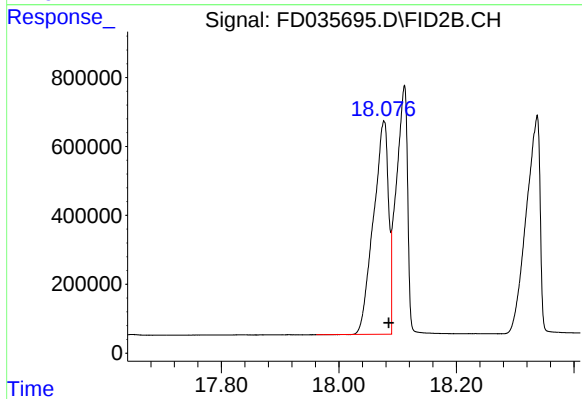
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.703 min  
Delta R.T.: 0.021 min  
Response: 10107937  
Conc: 99.91 ug/ml



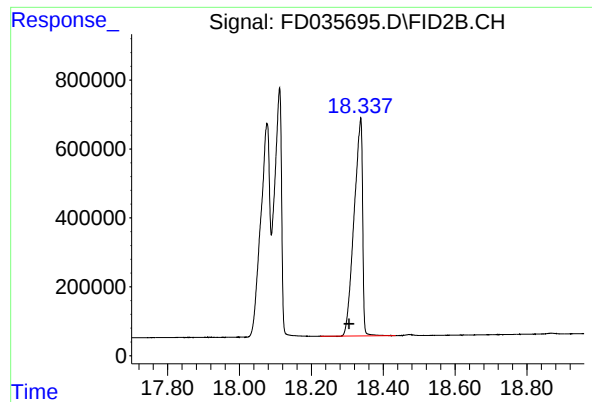
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min  
Delta R.T.: 0.025 min  
Response: 11059635  
Conc: 114.98 ug/ml



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

R.T.: 18.076 min  
Delta R.T.: -0.009 min  
Response: 11059635  
Conc: 103.98 ug/ml



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

R.T.: 18.336 min  
Delta R.T.: 0.031 min  
Response: 10363402  
Conc: 103.20 ug/ml