

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102721AR\  
 Data File : FD039319.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Oct 2021 4:00  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 28 06:11:25 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 09:39:48 2021  
 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...      | 7.758  | 2455110    | 21.160 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.32%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.628  | 1688412    | 21.060 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.12%       |
| 11) S ortho-Terphenyl (SURR)       | 11.672 | 2651192    | 20.786 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.57%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.547  | 2612989    | 21.231 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.094  | 2760622    | 21.300 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.149  | 2817613    | 21.216 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.431  | 2601232    | 21.076 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.726  | 2753092    | 21.106 ug/ml |
| 8) T Fluorene (C16.55)             | 9.509  | 2733043    | 21.107 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.912 | 2663584    | 20.625 ug/ml |
| 10) T Anthracene (C19.43)          | 10.987 | 2623962    | 20.510 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.728 | 2619103    | 20.102 ug/ml |
| 13) T Pyrene (C20.8)               | 13.027 | 2521824    | 19.941 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.900 | 2289646    | 19.358 ug/ml |
| 15) T Chrysene (C27.41)            | 14.944 | 2424687    | 19.277 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.454 | 2249363    | 19.172 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.486 | 2249236    | 19.113 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.834 | 2197109    | 19.303 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.201 | 2144596    | 20.032 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.238 | 2144831    | 20.117 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.457 | 2138964    | 20.269 ug/ml |
| -----                              |        |            |              |

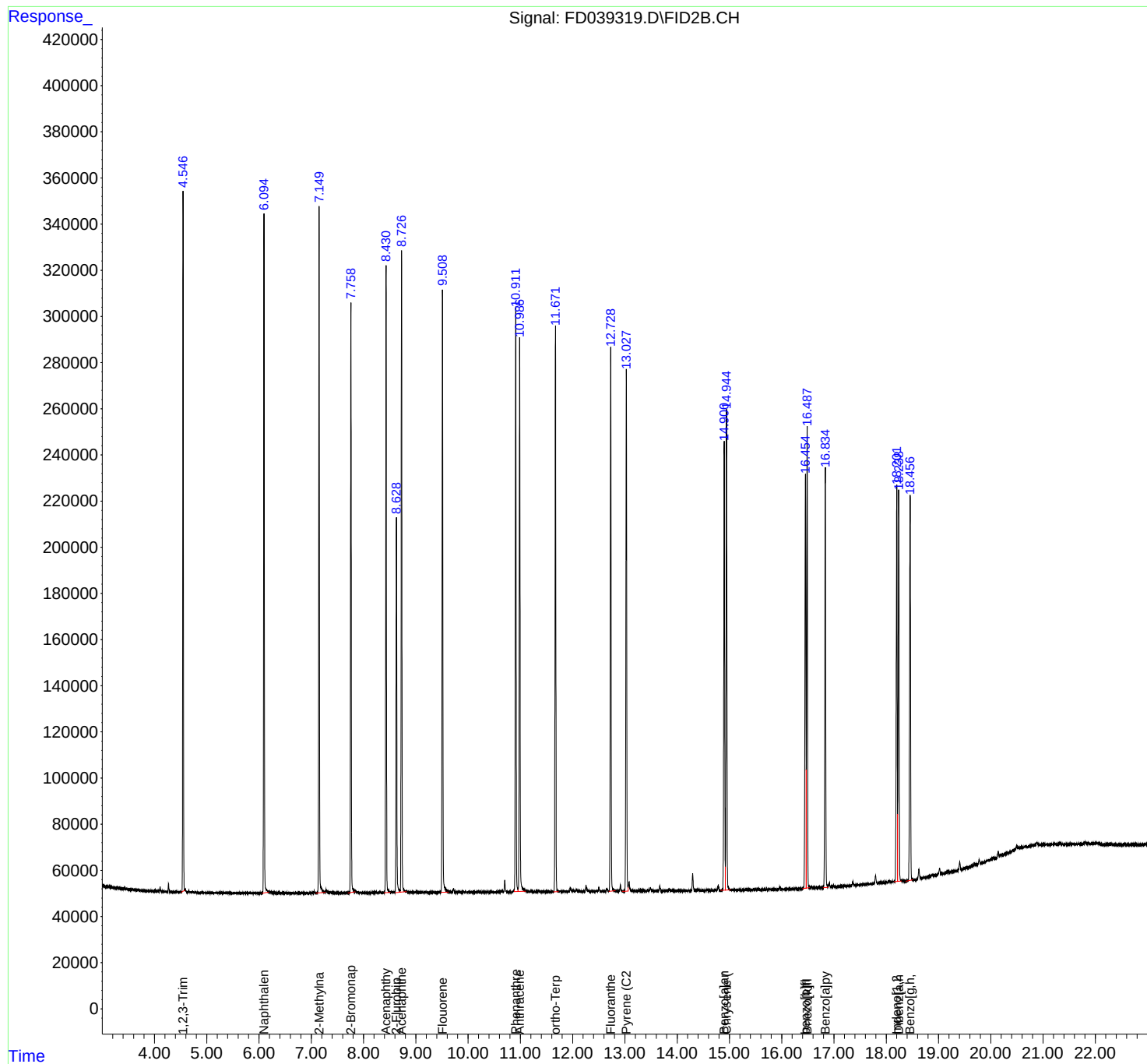
(f)=RT Delta > 1/2 Window

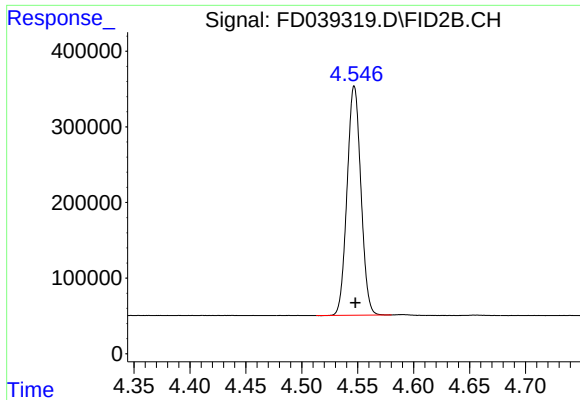
(m)=manual int.

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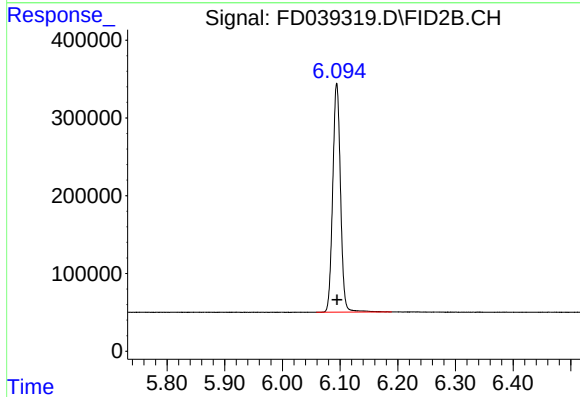
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





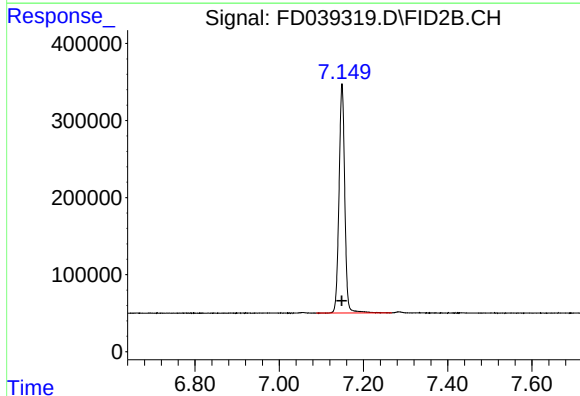
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.547 min  
Delta R.T.: -0.001 min  
Response: 2612989  
Conc: 21.23 ug/ml



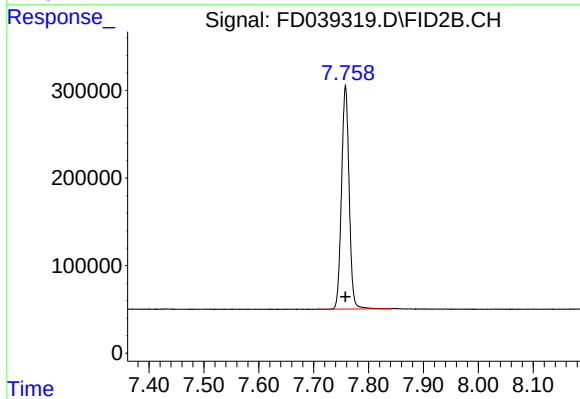
#2 Naphthalene (C11.7)

R.T.: 6.094 min  
Delta R.T.: 0.000 min  
Response: 2760622  
Conc: 21.30 ug/ml



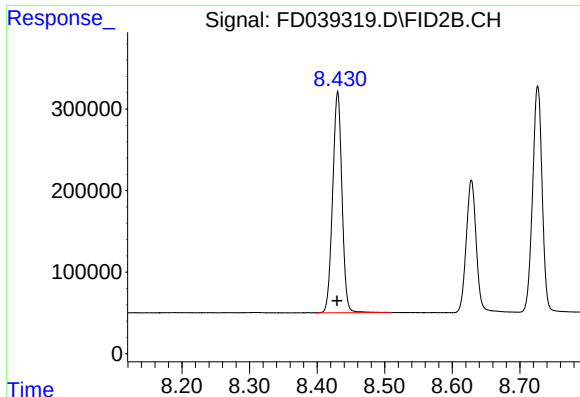
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 2817613  
Conc: 21.22 ug/ml



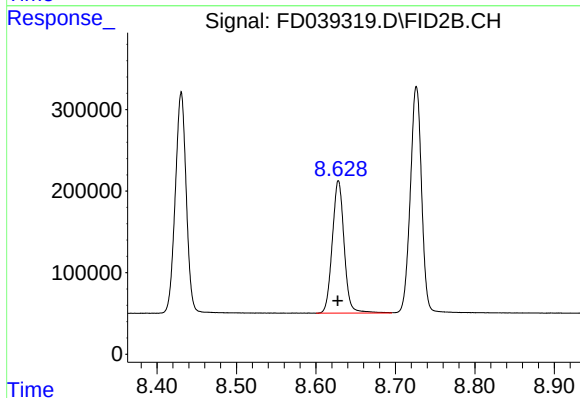
#4 2-Bromonaphthalene (SURR)

R.T.: 7.758 min  
Delta R.T.: 0.000 min  
Response: 2455110  
Conc: 21.16 ug/ml



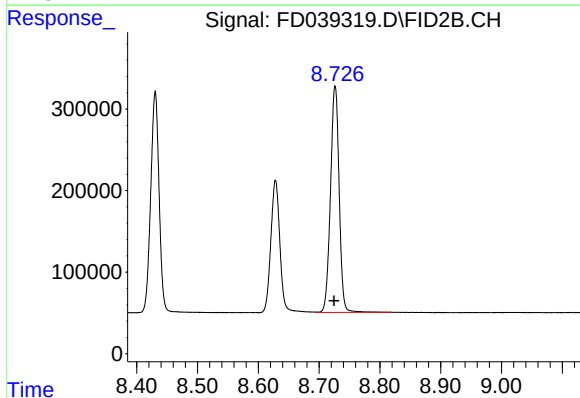
#5 Acenaphthylene (C15.06)

R.T.: 8.431 min  
Delta R.T.: 0.001 min  
Response: 2601232  
Conc: 21.08 ug/ml



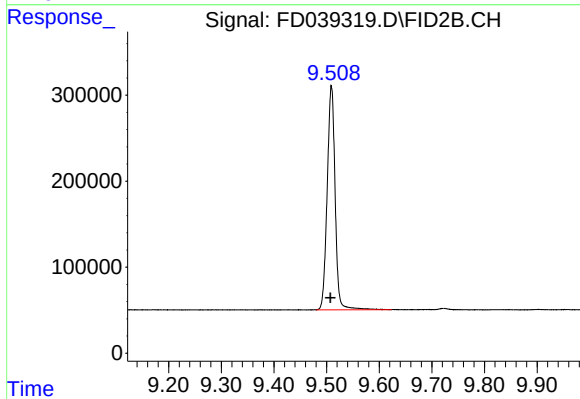
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.628 min  
Delta R.T.: 0.000 min  
Response: 1688412  
Conc: 21.06 ug/ml



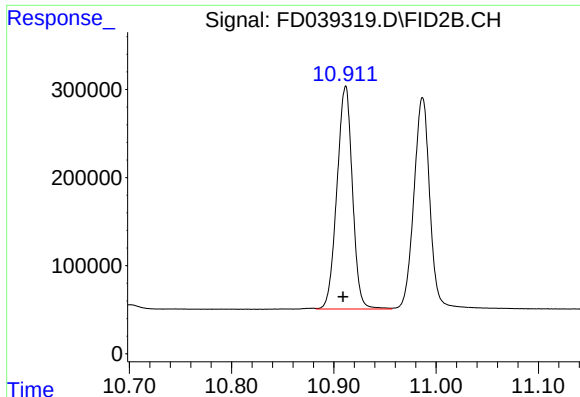
#7 Acenaphthene (C15.5)

R.T.: 8.726 min  
Delta R.T.: 0.002 min  
Response: 2753092  
Conc: 21.11 ug/ml



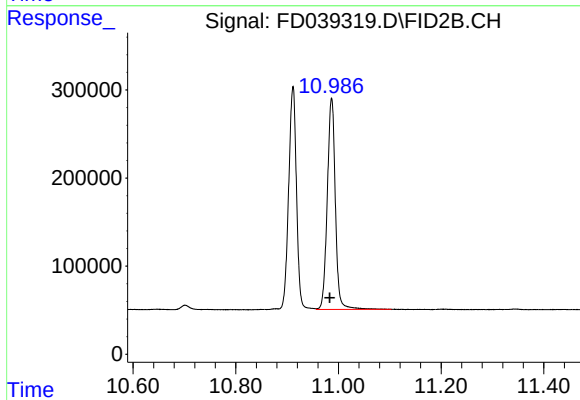
#8 Fluorene (C16.55)

R.T.: 9.509 min  
Delta R.T.: 0.002 min  
Response: 2733043  
Conc: 21.11 ug/ml



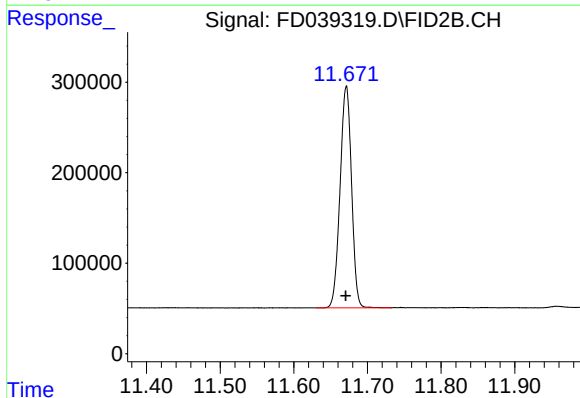
#9 Phenanthrene (C19.36)

R.T.: 10.912 min  
Delta R.T.: 0.003 min  
Response: 2663584  
Conc: 20.63 ug/ml



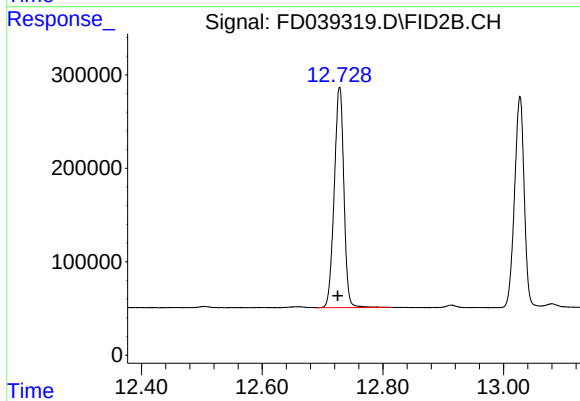
#10 Anthracene (C19.43)

R.T.: 10.987 min  
Delta R.T.: 0.004 min  
Response: 2623962  
Conc: 20.51 ug/ml



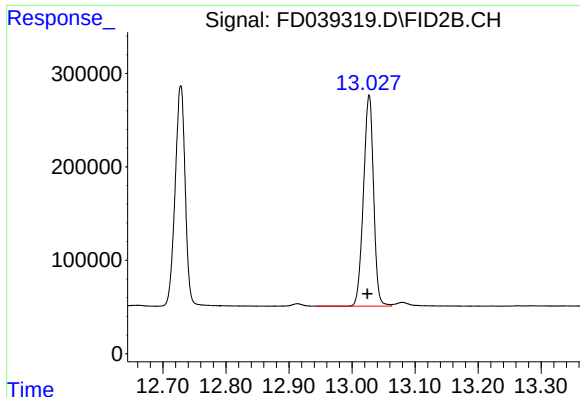
#11 ortho-Terphenyl (SURR)

R.T.: 11.672 min  
Delta R.T.: 0.000 min  
Response: 2651192  
Conc: 20.79 ug/ml



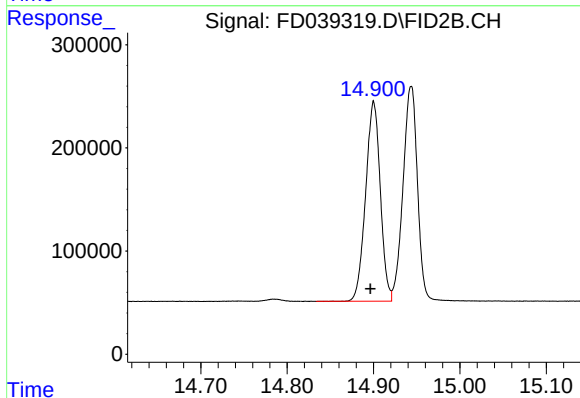
#12 Fluoranthene (C21.85)

R.T.: 12.728 min  
Delta R.T.: 0.003 min  
Response: 2619103  
Conc: 20.10 ug/ml



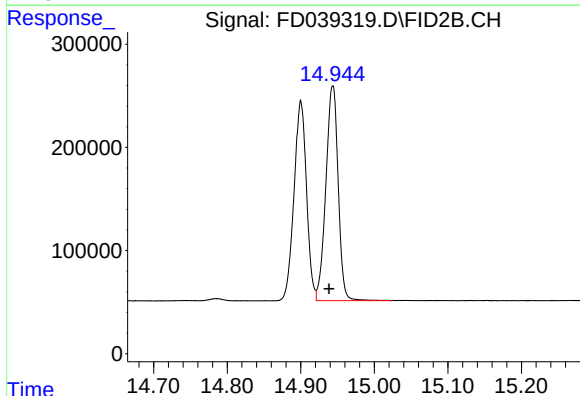
#13 Pyrene (C20.8)

R.T.: 13.027 min  
Delta R.T.: 0.003 min  
Response: 2521824  
Conc: 19.94 ug/ml



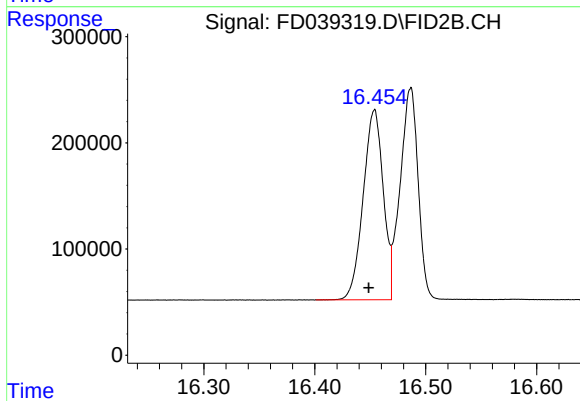
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.900 min  
Delta R.T.: 0.004 min  
Response: 2289646  
Conc: 19.36 ug/ml



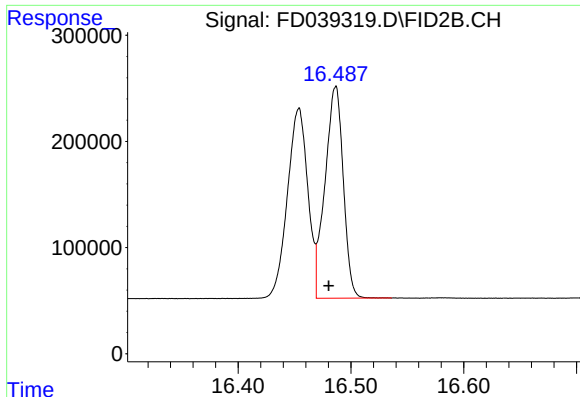
#15 Chrysene (C27.41)

R.T.: 14.944 min  
Delta R.T.: 0.005 min  
Response: 2424687  
Conc: 19.28 ug/ml



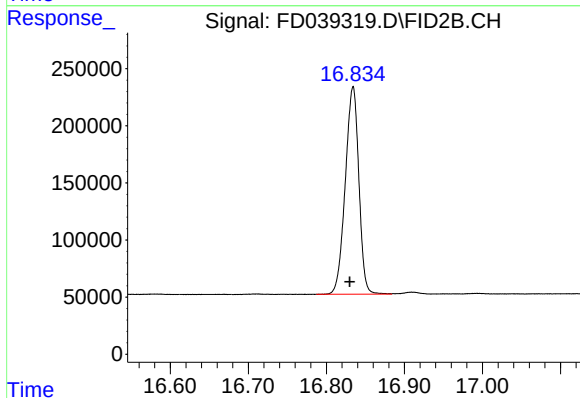
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.454 min  
Delta R.T.: 0.005 min  
Response: 2249363  
Conc: 19.17 ug/ml



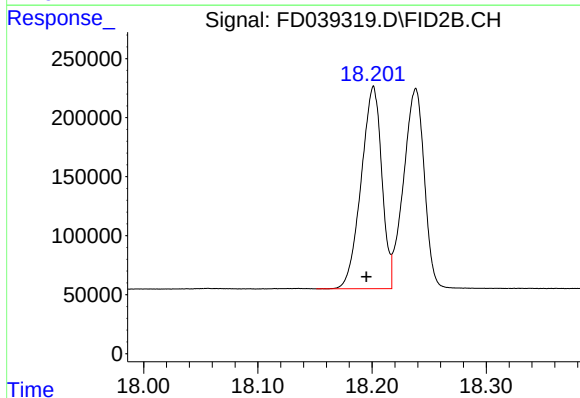
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.486 min  
Delta R.T.: 0.006 min  
Response: 2249236  
Conc: 19.11 ug/ml



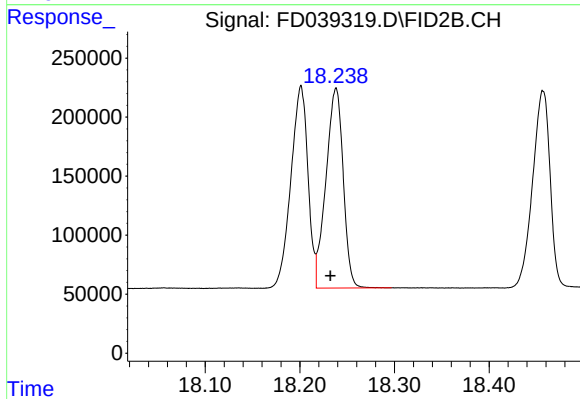
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min  
Delta R.T.: 0.004 min  
Response: 2197109  
Conc: 19.30 ug/ml



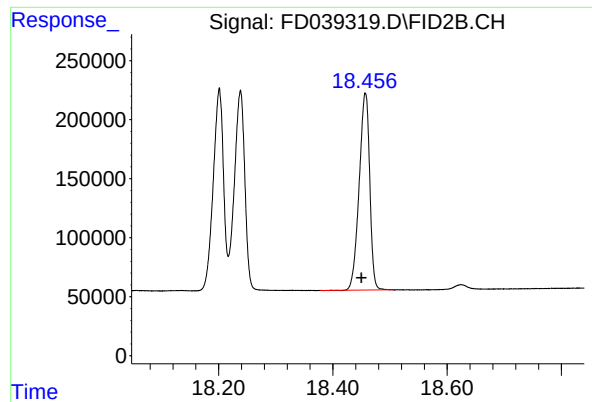
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.201 min  
Delta R.T.: 0.006 min  
Response: 2144596  
Conc: 20.03 ug/ml



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

R.T.: 18.238 min  
Delta R.T.: 0.006 min  
Response: 2144831  
Conc: 20.12 ug/ml



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

R.T.: 18.457 min  
Delta R.T.: 0.007 min  
Response: 2138964  
Conc: 20.27 ug/ml