

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091321AR\  
 Data File : FD038803.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Sep 2021 20:42  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 14 00:42:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 083121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 01 10:30:07 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...      | 7.766  | 2418997    | 18.089 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.18%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.634  | 1657581    | 17.974 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 35.95%       |
| 11) S ortho-Terphenyl (SURR)       | 11.679 | 2597475    | 17.903 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.81%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.556  | 2691426    | 18.380 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.103  | 2816882    | 18.243 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.157  | 2747657    | 18.139 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.438  | 2625178    | 17.840 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.734  | 2726156    | 18.014 ug/ml |
| 8) T Flouorene (C16.55)            | 9.515  | 2629408    | 17.905 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.916 | 2524715    | 17.729 ug/ml |
| 10) T Anthracene (C19.43)          | 10.990 | 2285969    | 16.685 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.731 | 2436866    | 17.704 ug/ml |
| 13) T Pyrene (C20.8)               | 13.030 | 2405026    | 17.660 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.901 | 2199463    | 17.894 ug/ml |
| 15) T Chrysene (C27.41)            | 14.944 | 2259978    | 17.913 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.451 | 2227761    | 18.926 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.484 | 2147541    | 18.953 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.831 | 2074090    | 19.193 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.196 | 2141423    | 19.786 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.234 | 2217290    | 20.052 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.452 | 2164310    | 20.072 ug/ml |
| -----                              |        |            |              |

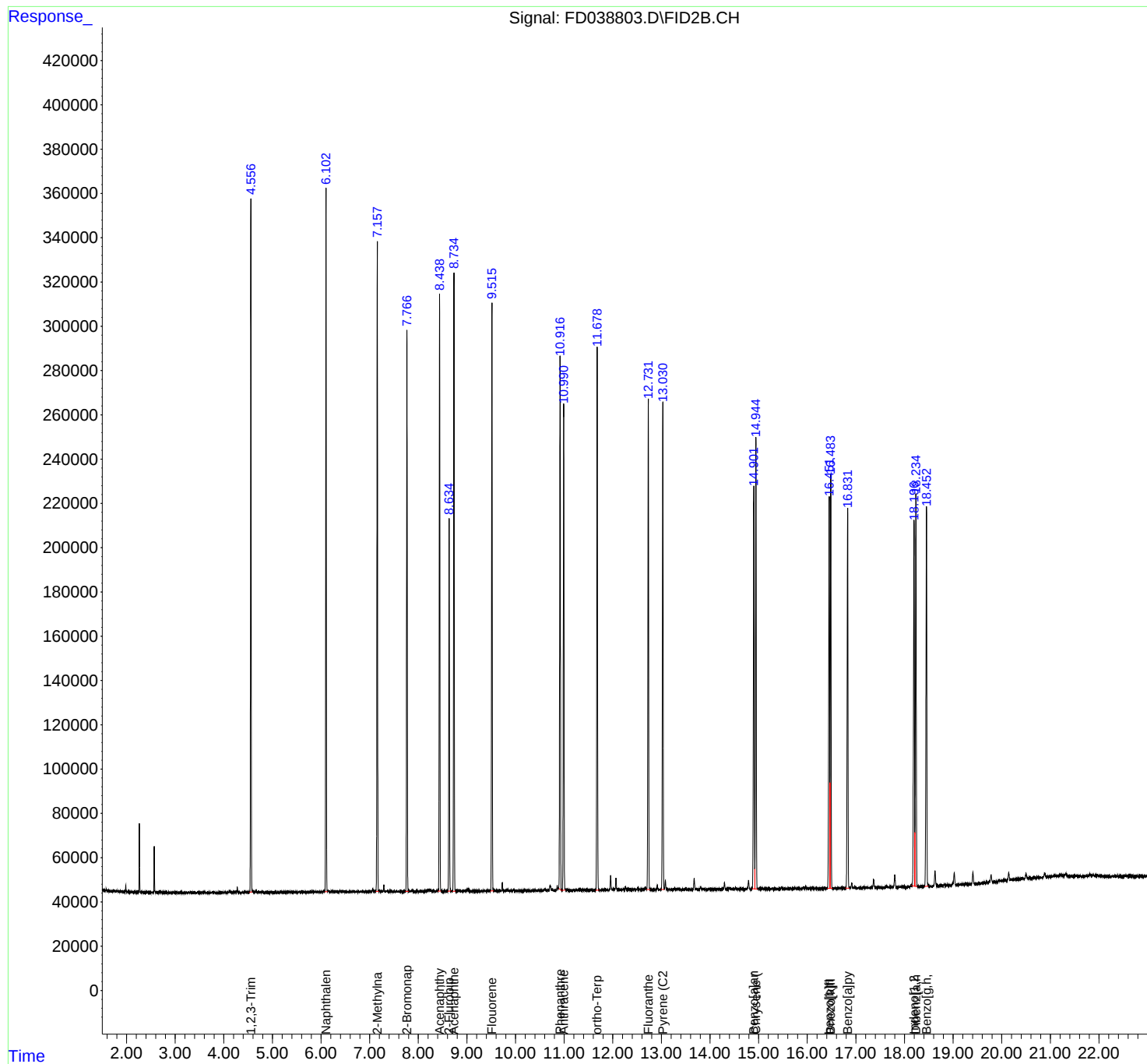
(f)=RT Delta > 1/2 Window

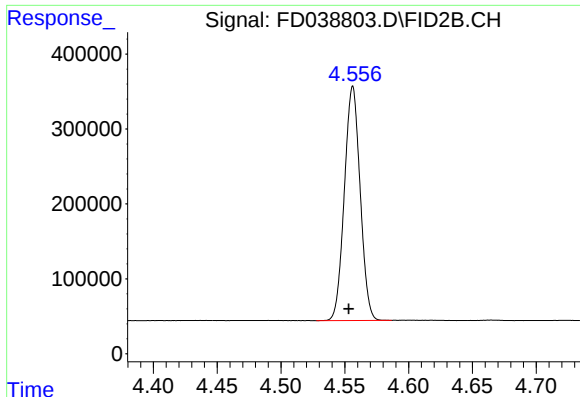
(m)=manual int.

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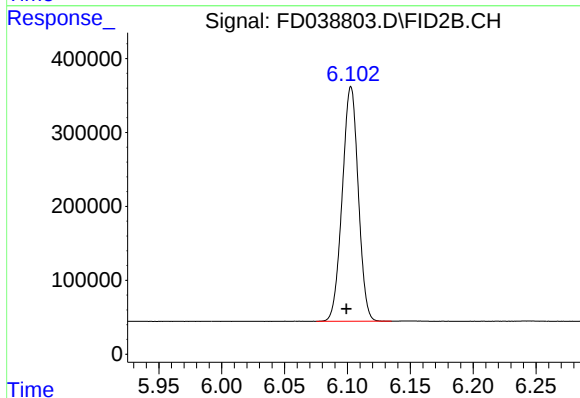
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





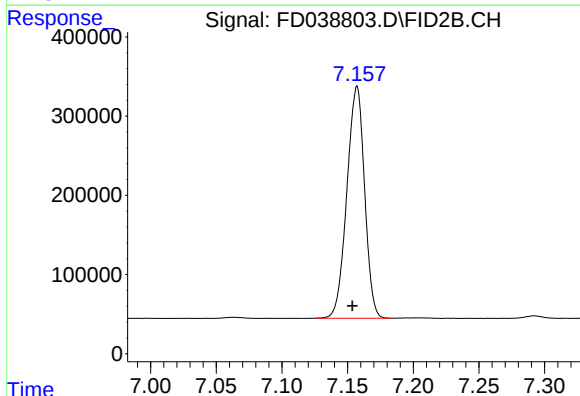
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.556 min  
Delta R.T.: 0.003 min  
Response: 2691426  
Conc: 18.38 ug/ml



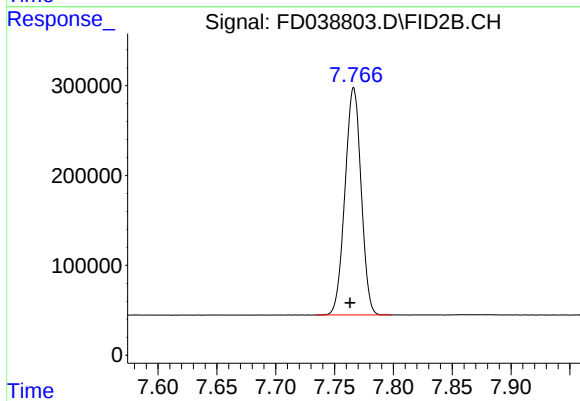
#2 Naphthalene (C11.7)

R.T.: 6.103 min  
Delta R.T.: 0.004 min  
Response: 2816882  
Conc: 18.24 ug/ml



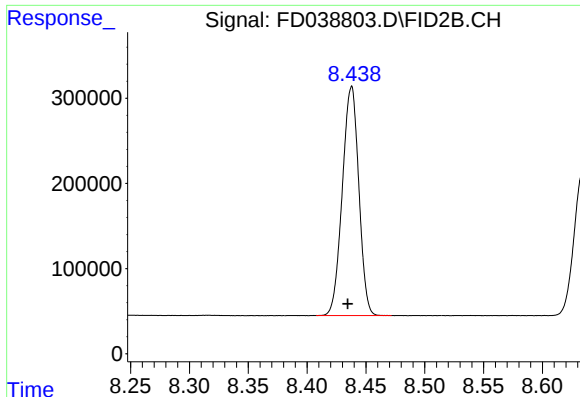
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min  
Delta R.T.: 0.004 min  
Response: 2747657  
Conc: 18.14 ug/ml



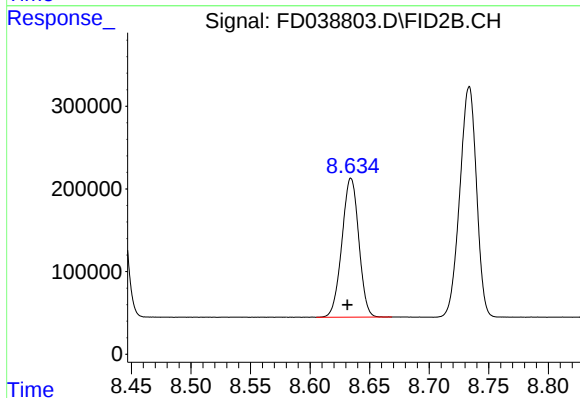
#4 2-Bromonaphthalene (SURR)

R.T.: 7.766 min  
Delta R.T.: 0.003 min  
Response: 2418997  
Conc: 18.09 ug/ml



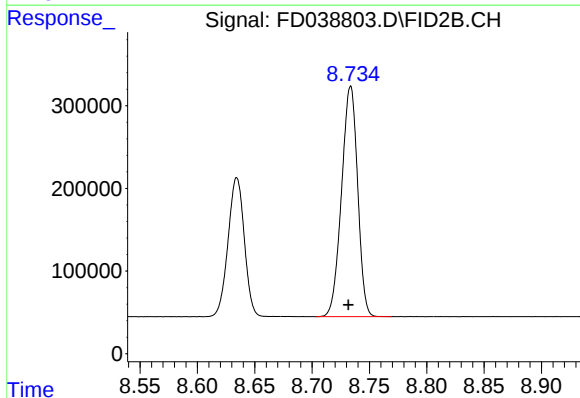
#5 Acenaphthylene (C15.06)

R.T.: 8.438 min  
Delta R.T.: 0.003 min  
Response: 2625178  
Conc: 17.84 ug/ml



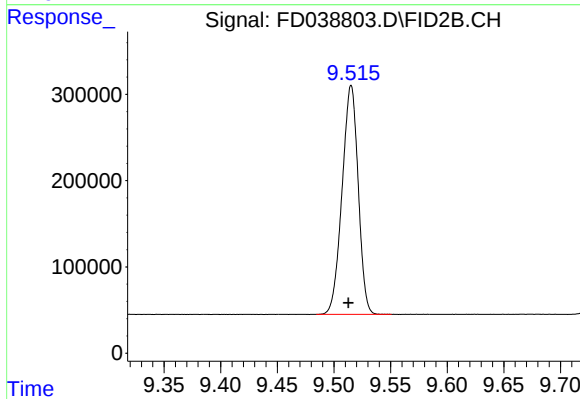
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.634 min  
Delta R.T.: 0.003 min  
Response: 1657581  
Conc: 17.97 ug/ml



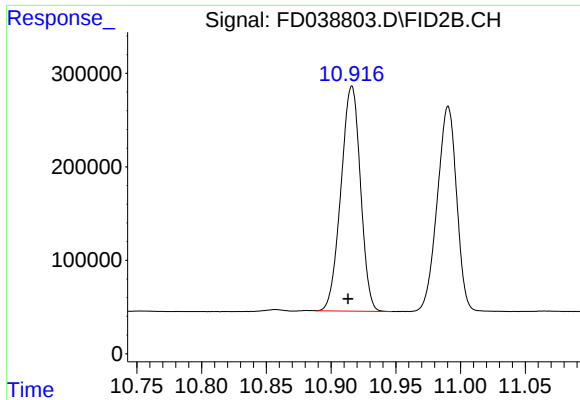
#7 Acenaphthene (C15.5)

R.T.: 8.734 min  
Delta R.T.: 0.002 min  
Response: 2726156  
Conc: 18.01 ug/ml



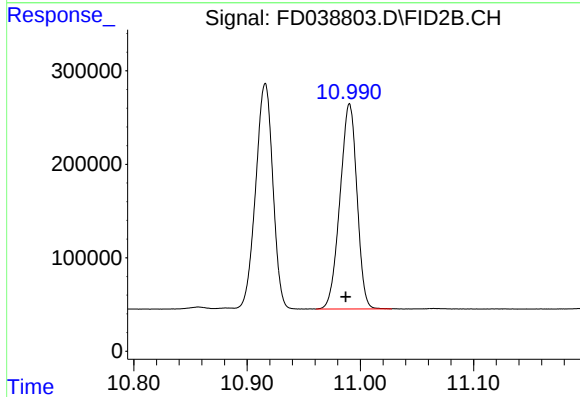
#8 Flouorene (C16.55)

R.T.: 9.515 min  
Delta R.T.: 0.003 min  
Response: 2629408  
Conc: 17.91 ug/ml



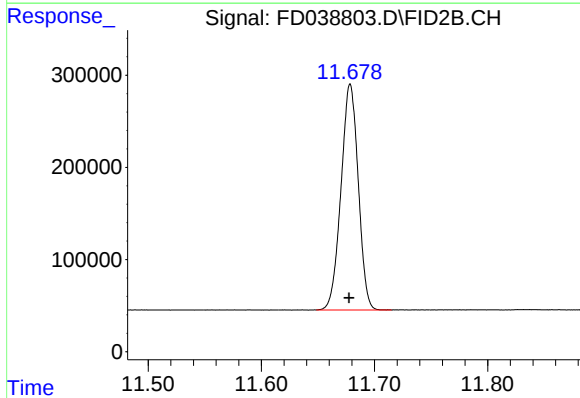
#9 Phenanthrene (C19.36)

R.T.: 10.916 min  
Delta R.T.: 0.003 min  
Response: 2524715  
Conc: 17.73 ug/ml



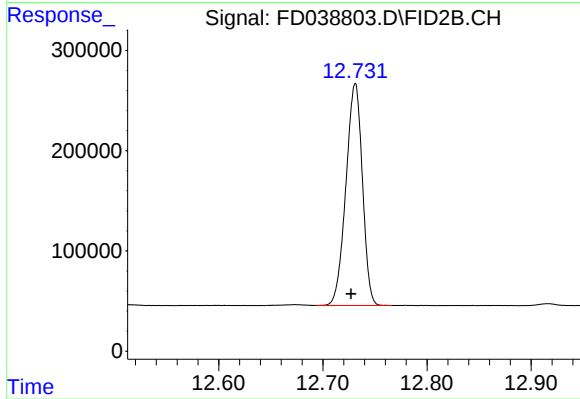
#10 Anthracene (C19.43)

R.T.: 10.990 min  
Delta R.T.: 0.003 min  
Response: 2285969  
Conc: 16.68 ug/ml



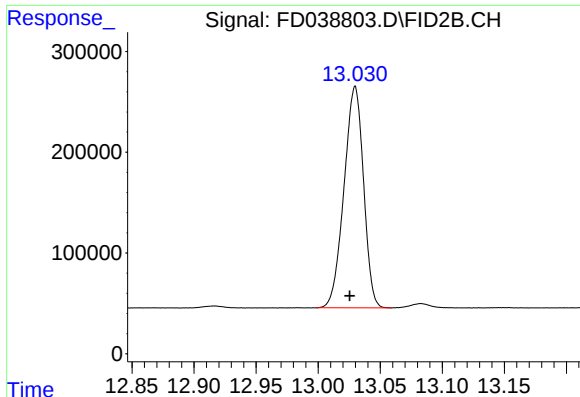
#11 ortho-Terphenyl (SURR)

R.T.: 11.679 min  
Delta R.T.: 0.001 min  
Response: 2597475  
Conc: 17.90 ug/ml



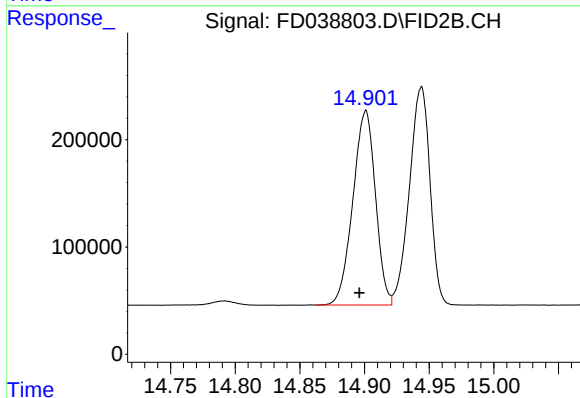
#12 Fluoranthene (C21.85)

R.T.: 12.731 min  
Delta R.T.: 0.004 min  
Response: 2436866  
Conc: 17.70 ug/ml



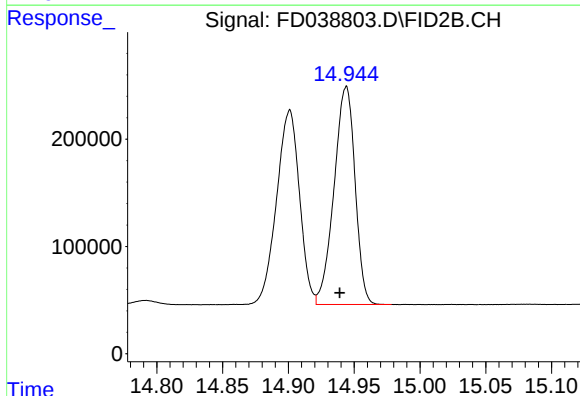
#13 Pyrene (C20.8)

R.T.: 13.030 min  
Delta R.T.: 0.004 min  
Response: 2405026  
Conc: 17.66 ug/ml



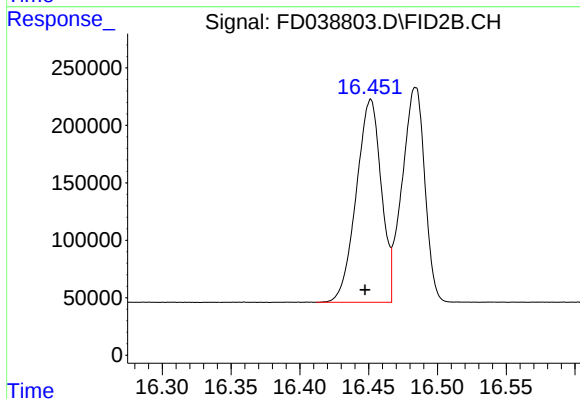
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.901 min  
Delta R.T.: 0.005 min  
Response: 2199463  
Conc: 17.89 ug/ml



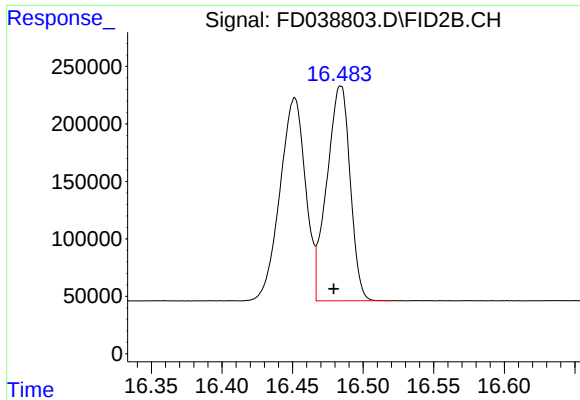
#15 Chrysene (C27.41)

R.T.: 14.944 min  
Delta R.T.: 0.005 min  
Response: 2259978  
Conc: 17.91 ug/ml



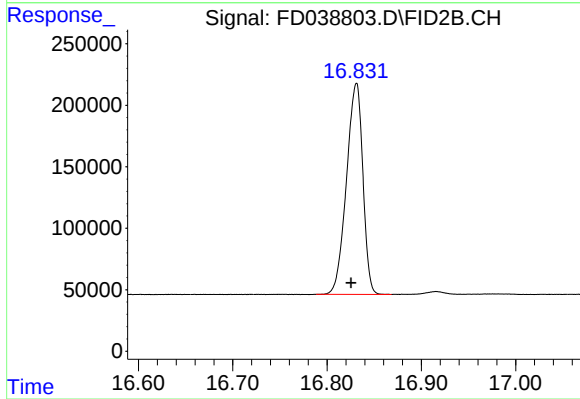
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.451 min  
Delta R.T.: 0.004 min  
Response: 2227761  
Conc: 18.93 ug/ml



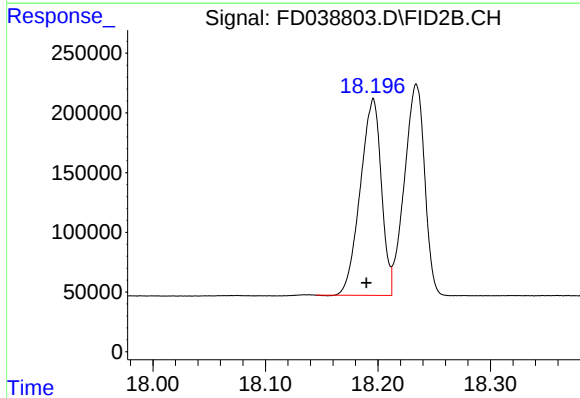
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.484 min  
Delta R.T.: 0.005 min  
Response: 2147541  
Conc: 18.95 ug/ml



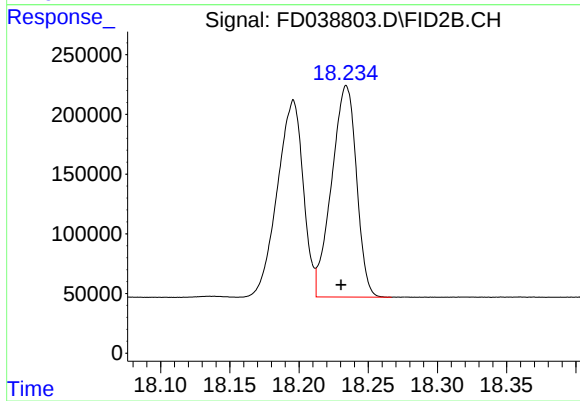
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.831 min  
Delta R.T.: 0.006 min  
Response: 2074090  
Conc: 19.19 ug/ml



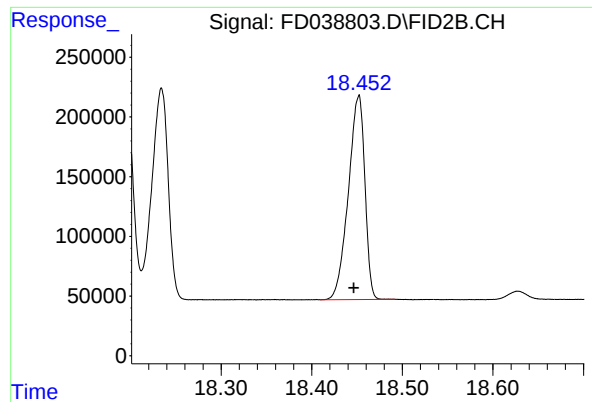
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.196 min  
Delta R.T.: 0.006 min  
Response: 2141423  
Conc: 19.79 ug/ml



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

R.T.: 18.234 min  
Delta R.T.: 0.004 min  
Response: 2217290  
Conc: 20.05 ug/ml



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

R.T.: 18.452 min  
Delta R.T.: 0.005 min  
Response: 2164310  
Conc: 20.07 ug/ml