

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD081020AR\  
 Data File : FD034416.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Aug 2020 10:08  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 11 03:01:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 073120.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 03 10:54:15 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...      | 7.702  | 2156942    | 18.449 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 36.90%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.569  | 1512219    | 18.241 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 36.48%       |
| 11) S ortho-Terphenyl (SURR)       | 11.610 | 2417335    | 17.788 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 35.58%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.495  | 2417787    | 18.969 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.039  | 2501607    | 18.698 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.093  | 2495513    | 18.488 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.372  | 2394205    | 18.091 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.667  | 2454134    | 18.248 ug/ml |
| 8) T Flouorene (C16.55)            | 9.449  | 2395326    | 18.021 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.847 | 2379551    | 17.753 ug/ml |
| 10) T Anthracene (C19.43)          | 10.922 | 2272541    | 17.123 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.661 | 2371196    | 17.446 ug/ml |
| 13) T Pyrene (C20.8)               | 12.959 | 2313464    | 17.374 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.830 | 2258977    | 17.212 ug/ml |
| 15) T Chrysene (C27.41)            | 14.872 | 2269391    | 17.309 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.380 | 2264920    | 17.704 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.412 | 2203762    | 17.793 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.759 | 2247999    | 17.955 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.123 | 2239167    | 18.609 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.162 | 2244885    | 19.016 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.379 | 2244866    | 18.946 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

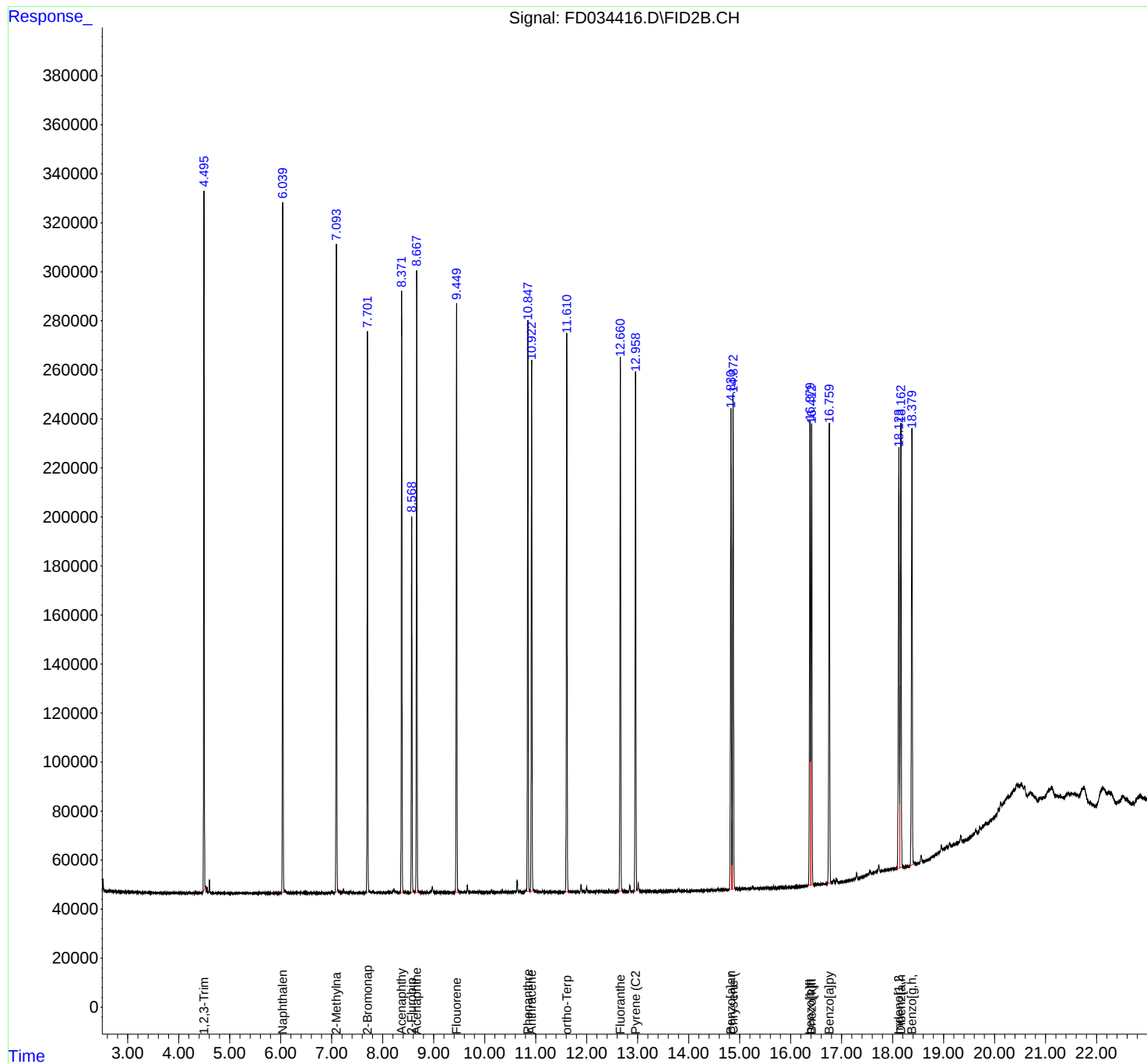
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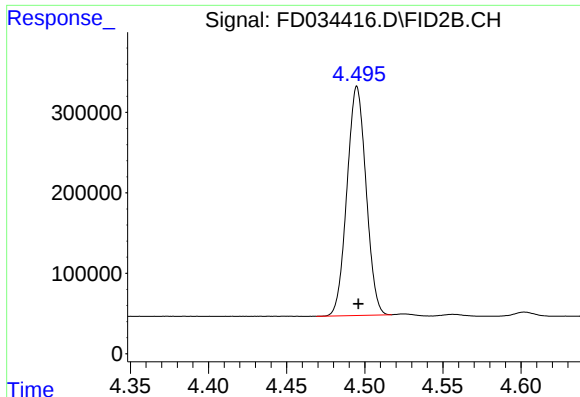
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081020AR\
Data File : FD034416.D
Signal(s) : FID2B.CH
Acq On    : 10 Aug 2020  10:08
Operator  : DD\AJ
Sample    : 20 PPM AROMATIC HC STD
Misc      :
ALS Vial  : 52   Sample Multiplier: 1

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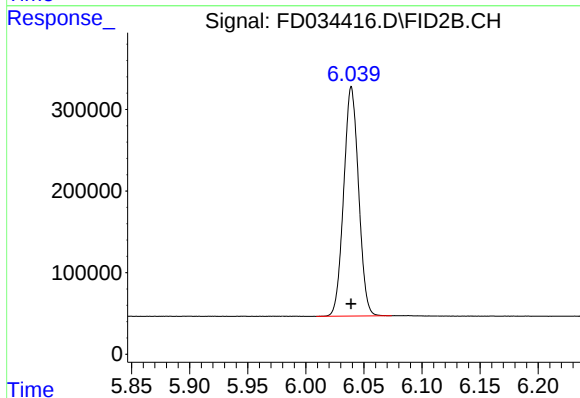
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





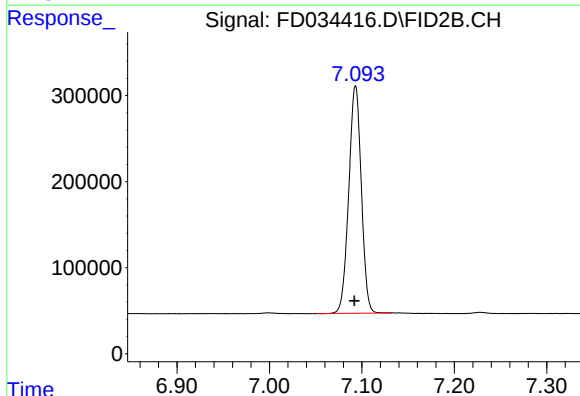
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 2417787  
Conc: 18.97 ug/ml



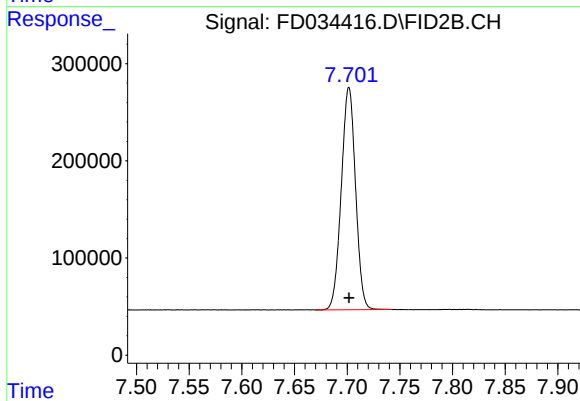
#2 Naphthalene (C11.7)

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 2501607  
Conc: 18.70 ug/ml



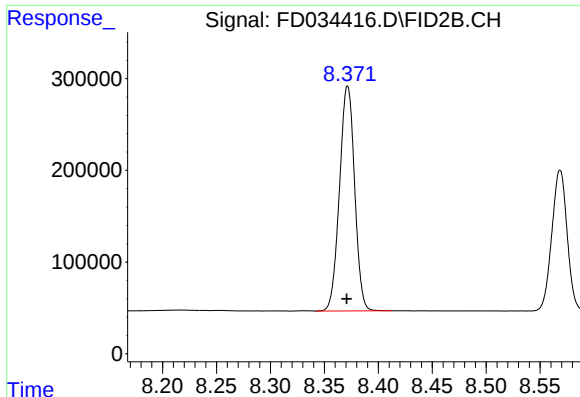
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.093 min  
Delta R.T.: 0.001 min  
Response: 2495513  
Conc: 18.49 ug/ml



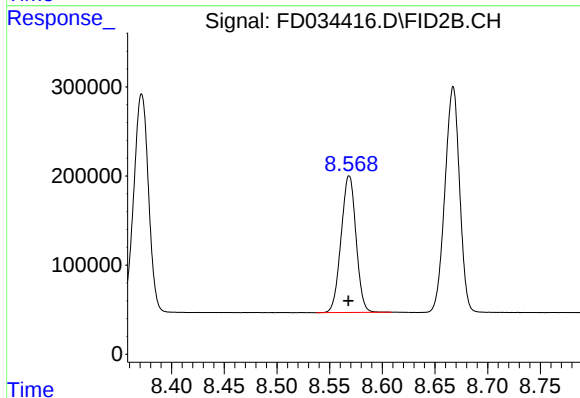
#4 2-Bromonaphthalene (SURR)

R.T.: 7.702 min  
Delta R.T.: 0.000 min  
Response: 2156942  
Conc: 18.45 ug/ml



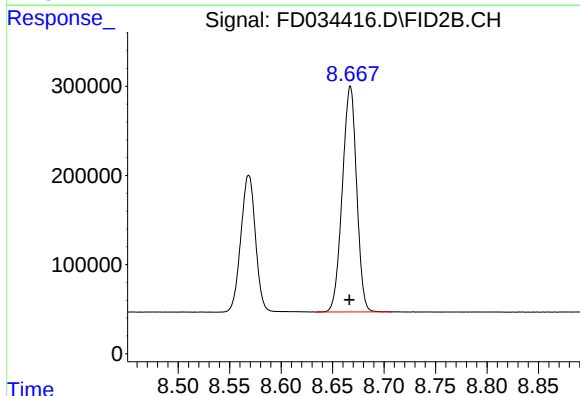
#5 Acenaphthylene (C15.06)

R.T.: 8.372 min  
Delta R.T.: 0.000 min  
Response: 2394205  
Conc: 18.09 ug/ml



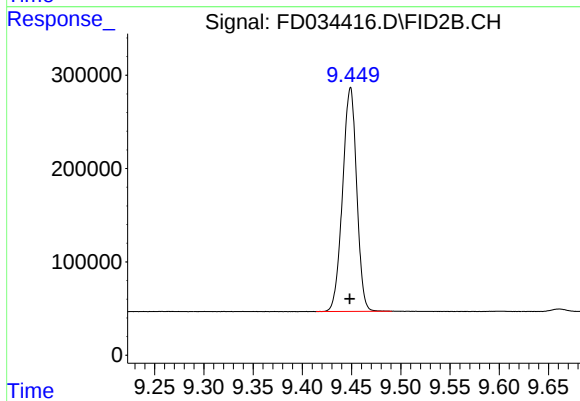
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.569 min  
Delta R.T.: 0.000 min  
Response: 1512219  
Conc: 18.24 ug/ml



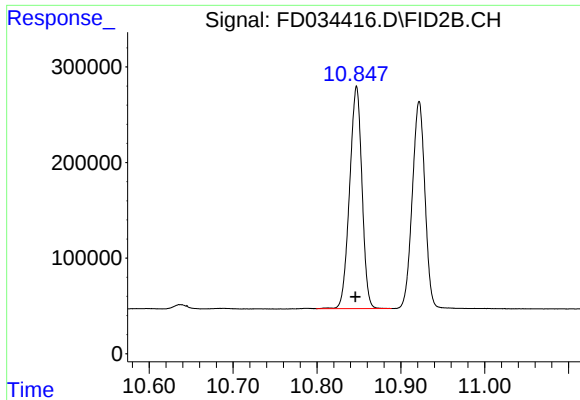
#7 Acenaphthene (C15.5)

R.T.: 8.667 min  
Delta R.T.: 0.001 min  
Response: 2454134  
Conc: 18.25 ug/ml



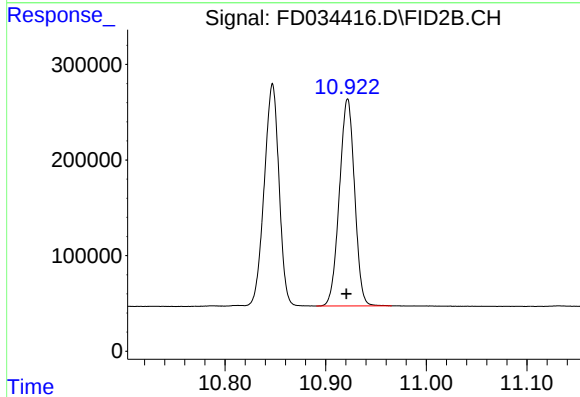
#8 Fluorene (C16.55)

R.T.: 9.449 min  
Delta R.T.: 0.000 min  
Response: 2395326  
Conc: 18.02 ug/ml



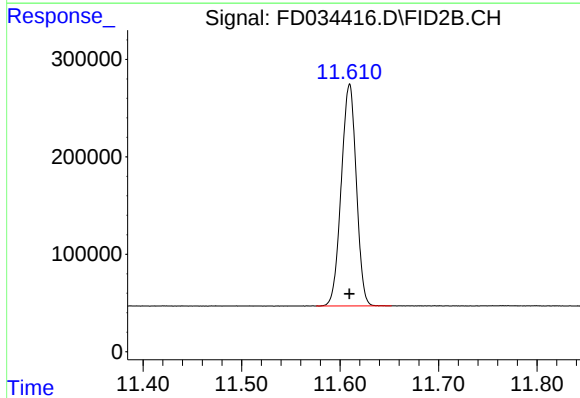
#9 Phenanthrene (C19.36)

R.T.: 10.847 min  
Delta R.T.: 0.001 min  
Response: 2379551  
Conc: 17.75 ug/ml



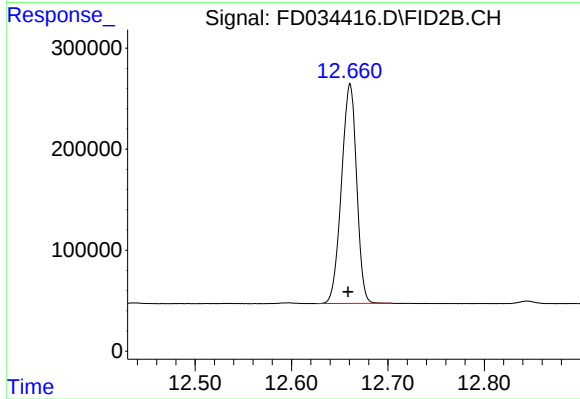
#10 Anthracene (C19.43)

R.T.: 10.922 min  
Delta R.T.: 0.001 min  
Response: 2272541  
Conc: 17.12 ug/ml



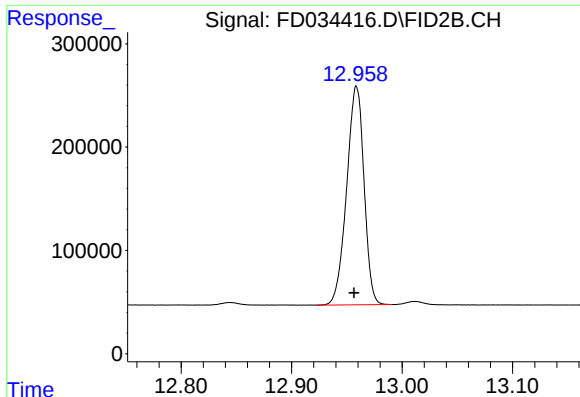
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min  
Delta R.T.: 0.000 min  
Response: 2417335  
Conc: 17.79 ug/ml



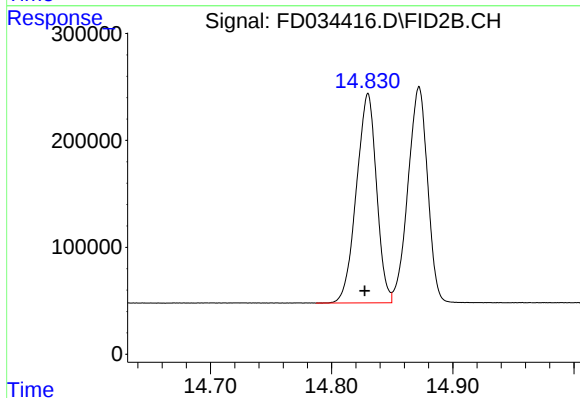
#12 Fluoranthene (C21.85)

R.T.: 12.661 min  
Delta R.T.: 0.002 min  
Response: 2371196  
Conc: 17.45 ug/ml



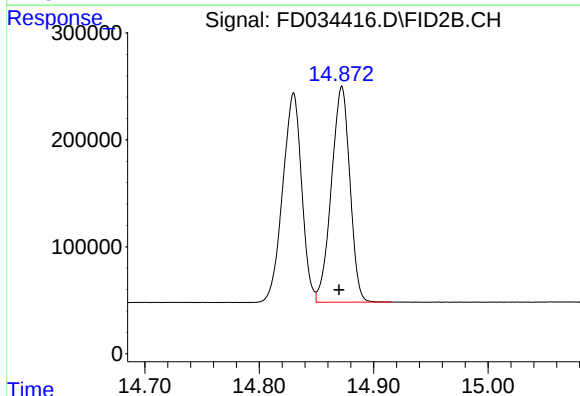
#13 Pyrene (C20.8)

R.T.: 12.959 min  
Delta R.T.: 0.002 min  
Response: 2313464  
Conc: 17.37 ug/ml



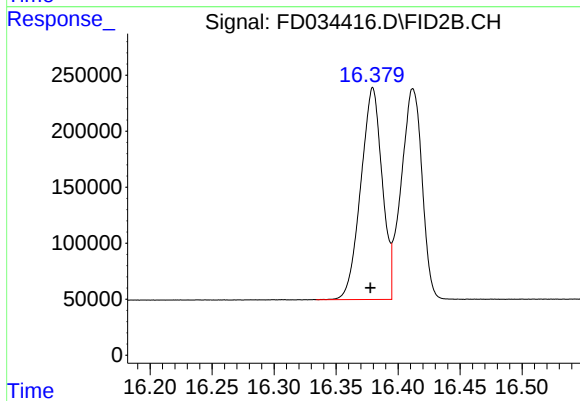
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min  
Delta R.T.: 0.003 min  
Response: 2258977  
Conc: 17.21 ug/ml



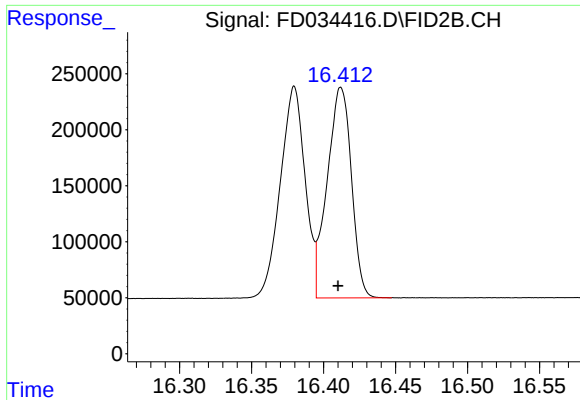
#15 Chrysene (C27.41)

R.T.: 14.872 min  
Delta R.T.: 0.003 min  
Response: 2269391  
Conc: 17.31 ug/ml



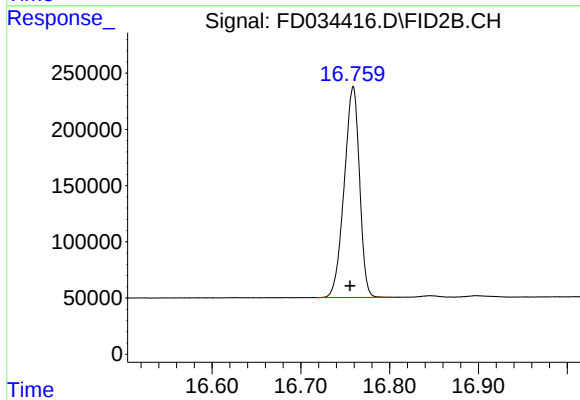
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.380 min  
Delta R.T.: 0.002 min  
Response: 2264920  
Conc: 17.70 ug/ml



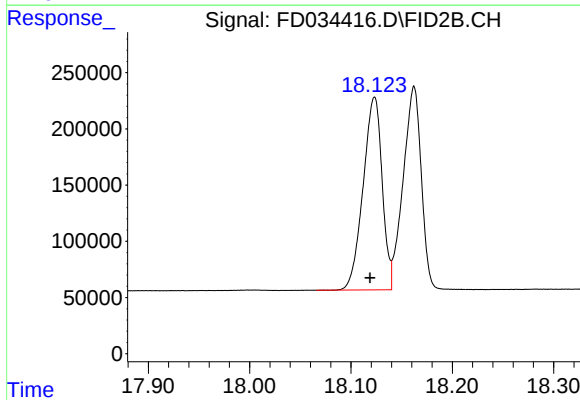
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.412 min  
Delta R.T.: 0.002 min  
Response: 2203762  
Conc: 17.79 ug/ml



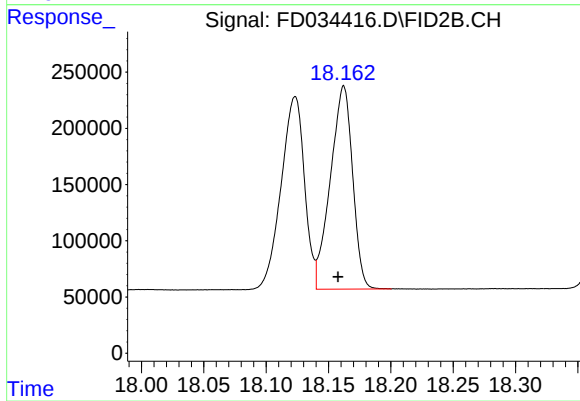
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min  
Delta R.T.: 0.004 min  
Response: 2247999  
Conc: 17.95 ug/ml



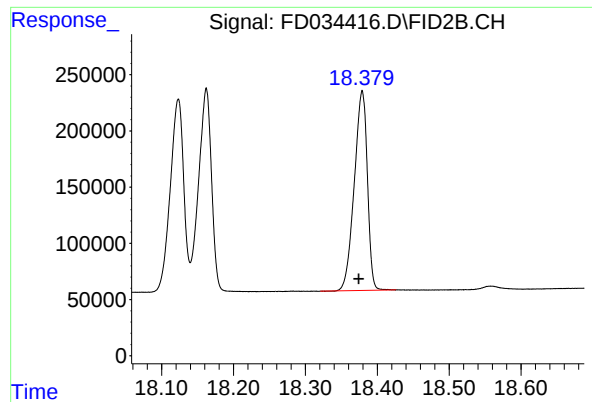
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.123 min  
Delta R.T.: 0.004 min  
Response: 2239167  
Conc: 18.61 ug/ml



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

R.T.: 18.162 min  
Delta R.T.: 0.005 min  
Response: 2244885  
Conc: 19.02 ug/ml



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

R.T.: 18.379 min  
Delta R.T.: 0.005 min  
Response: 2244866  
Conc: 18.95 ug/ml