

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012323AR\  
 Data File : FD044872.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jan 2023 15:00  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD ICV  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 24 00:36:38 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 012323.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 23 15:00:18 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.559  | 2989582    | 20.384 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.77%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.415  | 2037518    | 20.413 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.83%       |
| 11) S ortho-Terphenyl (SURR)       | 11.456 | 3768037    | 20.274 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.55%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.369  | 3271064    | 20.492 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.900  | 3455955    | 20.397 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.948  | 3490379    | 20.345 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.219  | 3215086    | 20.460 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.515  | 3387257    | 20.372 ug/ml |
| 8) T Flouorene (C16.55)            | 9.293  | 3342146    | 20.362 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.685 | 3291008    | 20.355 ug/ml |
| 10) T Anthracene (C19.43)          | 10.759 | 3117890    | 21.032 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.491 | 3268358    | 20.422 ug/ml |
| 13) T Pyrene (C20.8)               | 12.786 | 3195766    | 20.366 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.652 | 2901963    | 20.333 ug/ml |
| 15) T Chrysene (C27.41)            | 14.695 | 3012182    | 20.344 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.196 | 2931526    | 20.208 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.229 | 2878358    | 20.189 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.572 | 2845126    | 20.360 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.930 | 2690240    | 19.991 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.972 | 2640667    | 19.927 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.184 | 2759812    | 20.298 ug/ml |
| -----                              |        |            |              |

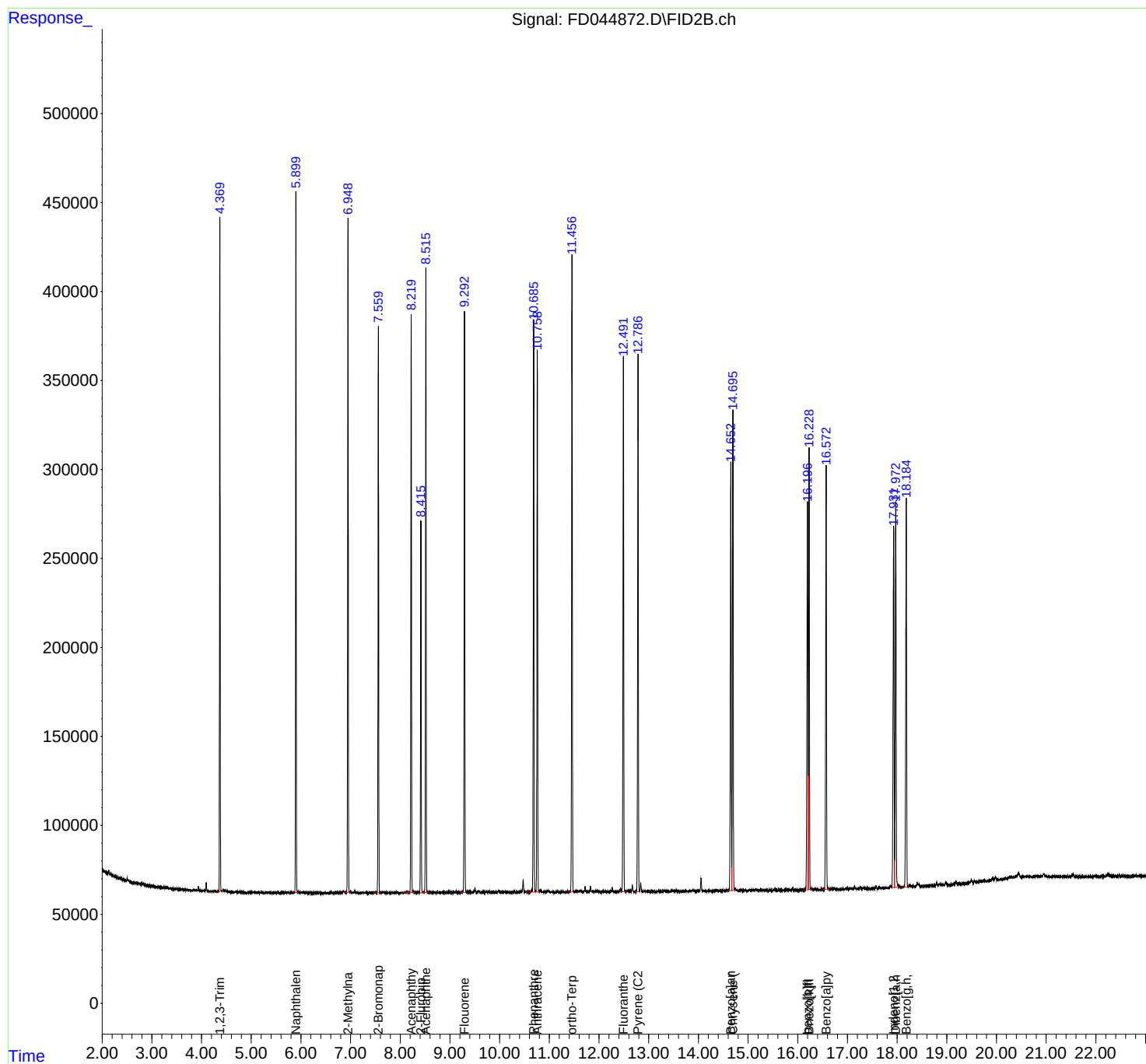
(f)=RT Delta > 1/2 Window

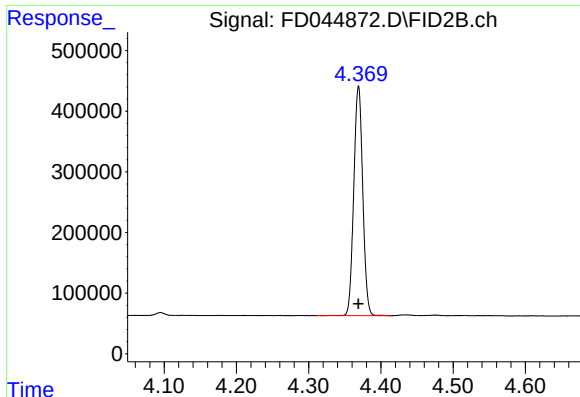
(m)=manual int.

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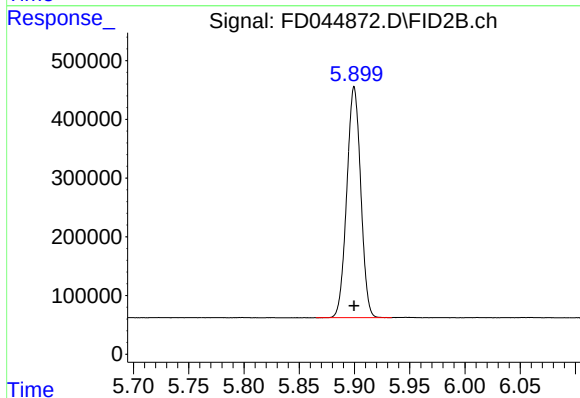
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





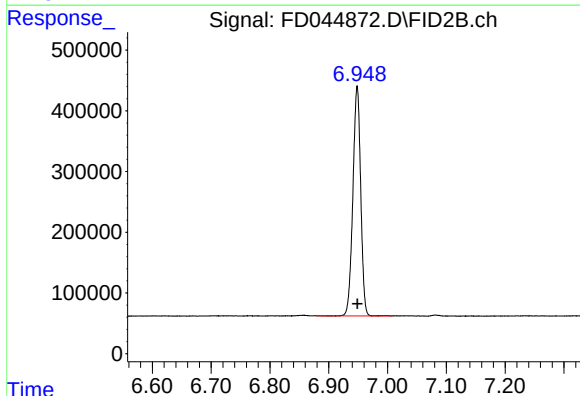
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.369 min  
Delta R.T.: 0.000 min  
Response: 3271064  
Conc: 20.49 ug/ml



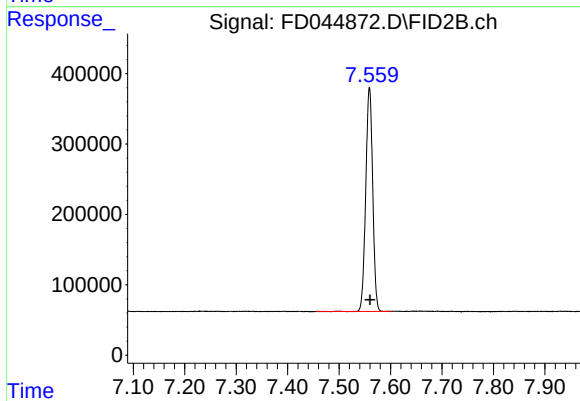
#2 Naphthalene (C11.7)

R.T.: 5.900 min  
Delta R.T.: 0.000 min  
Response: 3455955  
Conc: 20.40 ug/ml



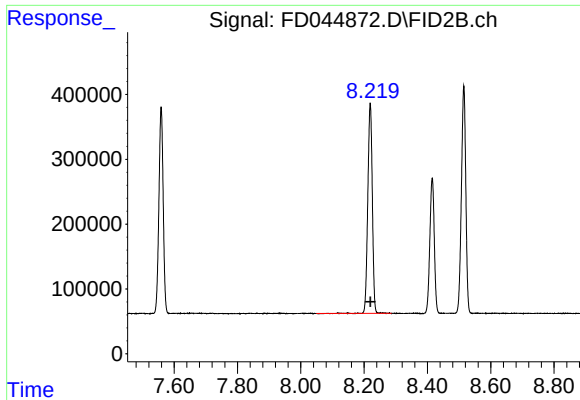
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 3490379  
Conc: 20.35 ug/ml



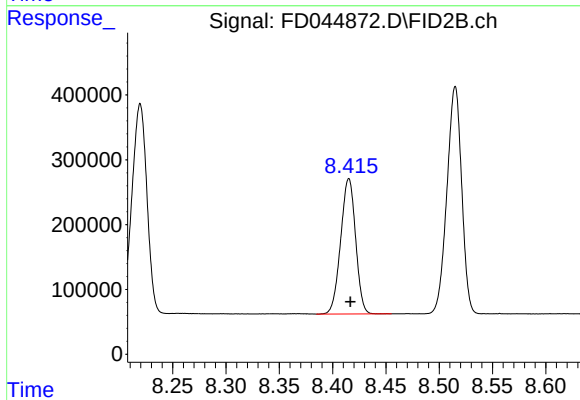
#4 2-Bromonaphthalene (SURR)

R.T.: 7.559 min  
Delta R.T.: -0.001 min  
Response: 2989582  
Conc: 20.38 ug/ml



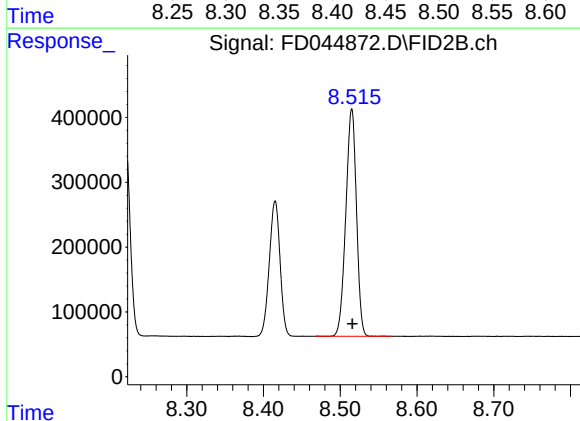
#5 Acenaphthylene (C15.06)

R.T.: 8.219 min  
Delta R.T.: 0.000 min  
Response: 3215086  
Conc: 20.46 ug/ml



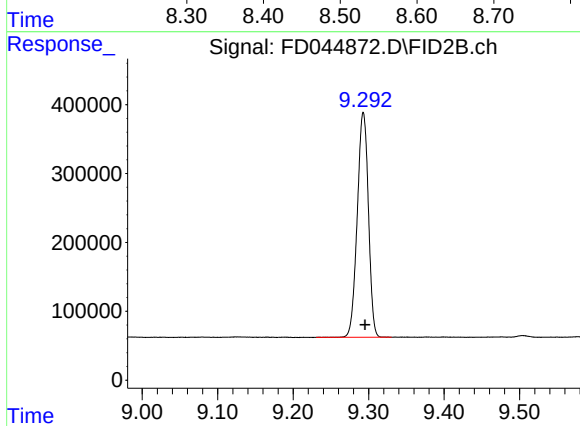
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min  
Delta R.T.: -0.002 min  
Response: 2037518  
Conc: 20.41 ug/ml



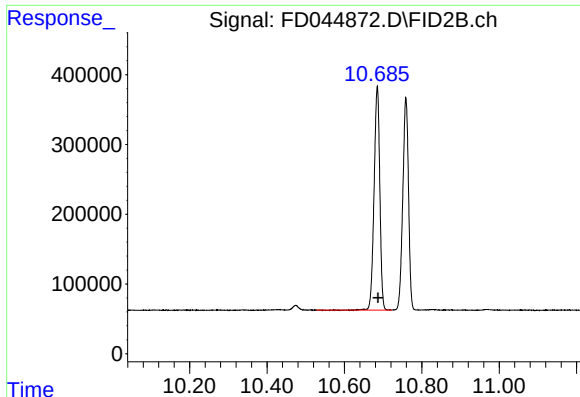
#7 Acenaphthene (C15.5)

R.T.: 8.515 min  
Delta R.T.: 0.000 min  
Response: 3387257  
Conc: 20.37 ug/ml



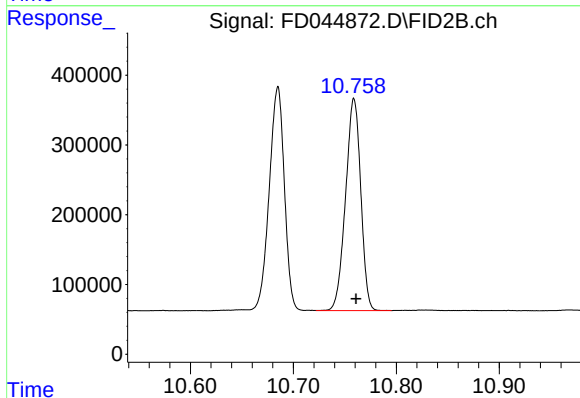
#8 Fluorene (C16.55)

R.T.: 9.293 min  
Delta R.T.: -0.002 min  
Response: 3342146  
Conc: 20.36 ug/ml



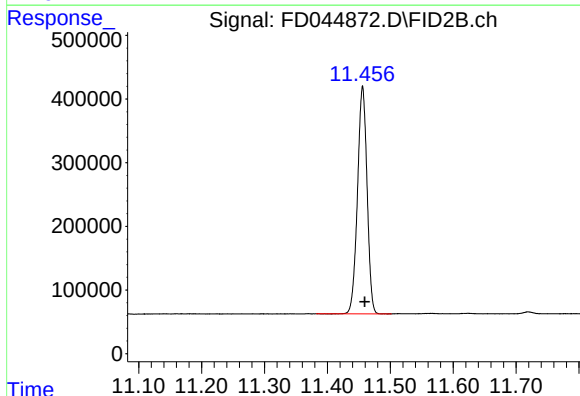
#9 Phenanthrene (C19.36)

R.T.: 10.685 min  
Delta R.T.: -0.002 min  
Response: 3291008  
Conc: 20.35 ug/ml



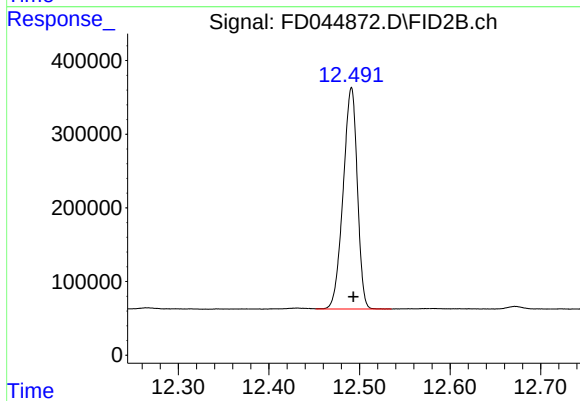
#10 Anthracene (C19.43)

R.T.: 10.759 min  
Delta R.T.: -0.002 min  
Response: 3117890  
Conc: 21.03 ug/ml



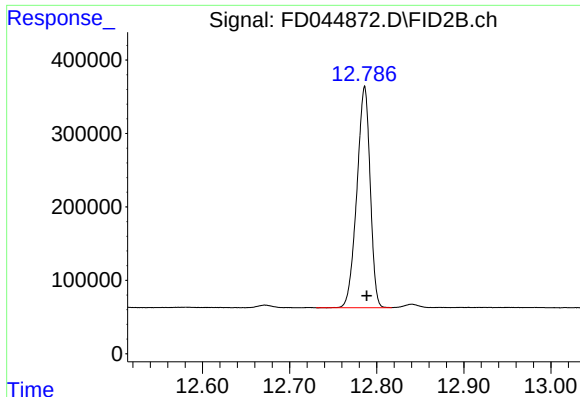
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min  
Delta R.T.: -0.003 min  
Response: 3768037  
Conc: 20.27 ug/ml



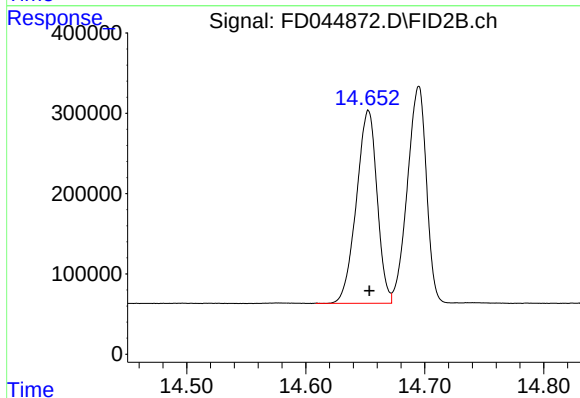
#12 Fluoranthene (C21.85)

R.T.: 12.491 min  
Delta R.T.: -0.002 min  
Response: 3268358  
Conc: 20.42 ug/ml



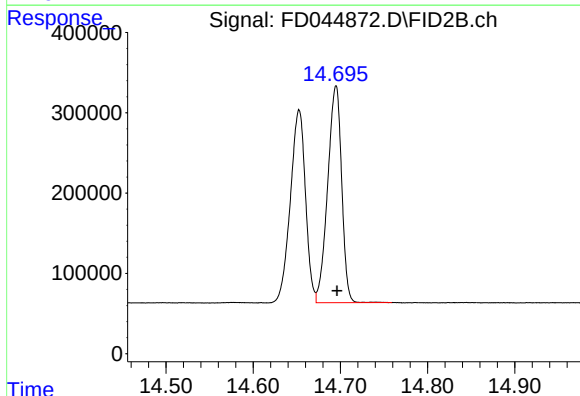
#13 Pyrene (C20.8)

R.T.: 12.786 min  
Delta R.T.: -0.003 min  
Response: 3195766  
Conc: 20.37 ug/ml



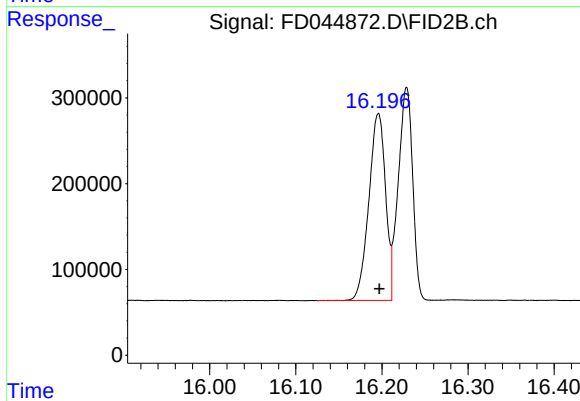
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min  
Delta R.T.: 0.000 min  
Response: 2901963  
Conc: 20.33 ug/ml



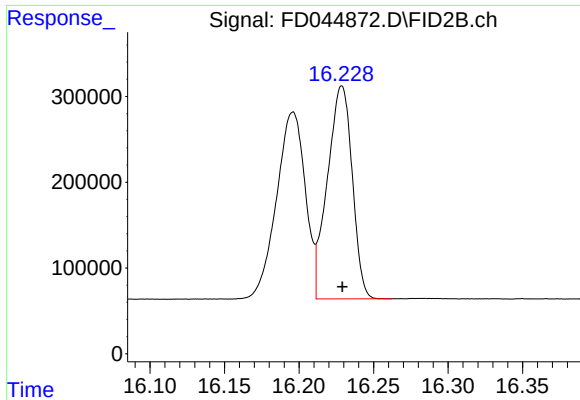
#15 Chrysene (C27.41)

R.T.: 14.695 min  
Delta R.T.: -0.002 min  
Response: 3012182  
Conc: 20.34 ug/ml



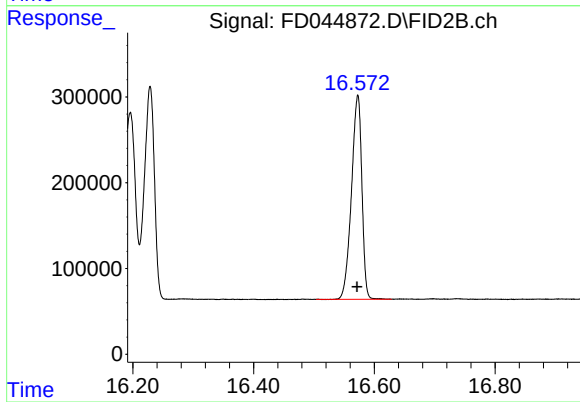
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.196 min  
Delta R.T.: -0.001 min  
Response: 2931526  
Conc: 20.21 ug/ml



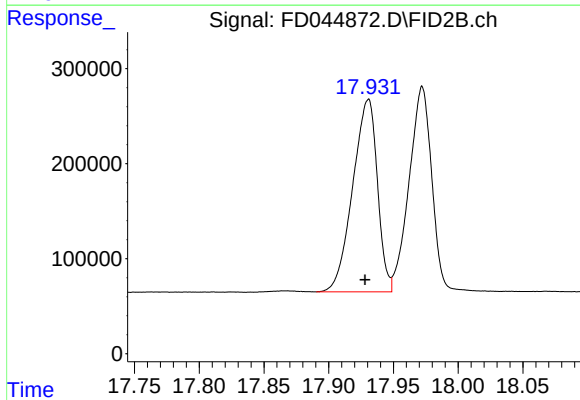
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.229 min  
Delta R.T.: 0.000 min  
Response: 2878358  
Conc: 20.19 ug/ml



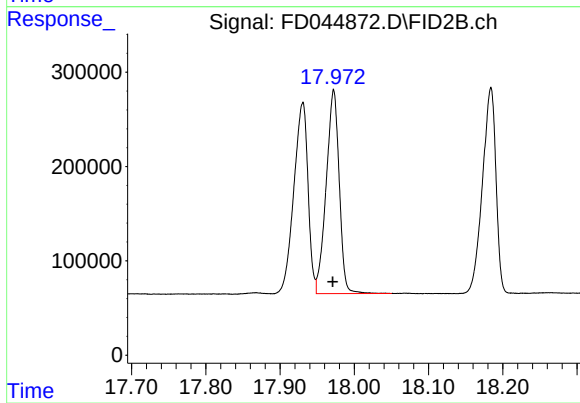
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min  
Delta R.T.: 0.000 min  
Response: 2845126  
Conc: 20.36 ug/ml



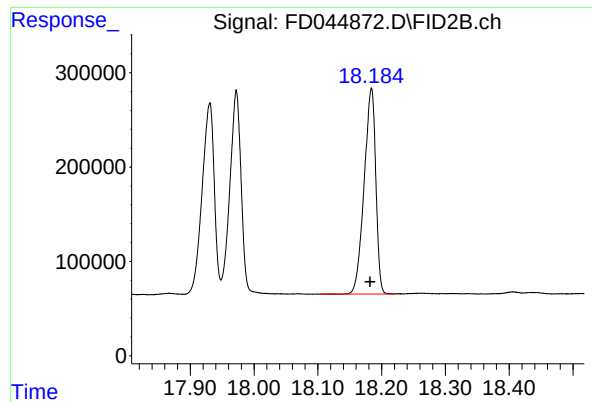
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.930 min  
Delta R.T.: 0.002 min  
Response: 2690240  
Conc: 19.99 ug/ml



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

R.T.: 17.972 min  
Delta R.T.: 0.001 min  
Response: 2640667  
Conc: 19.93 ug/ml



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

R.T.: 18.184 min  
Delta R.T.: 0.001 min  
Response: 2759812  
Conc: 20.30 ug/ml