

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD100322AR\  
 Data File : FD044021.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Oct 2022 17:30  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 04 07:05:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 14 19:37:45 2022  
 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...      | 7.420  | 3057925    | 23.240 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.48%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.276  | 1680182    | 23.291 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.58%       |
| 11) S ortho-Terphenyl (SURR)       | 11.305 | 3918246    | 21.033 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.07%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.233  | 3780966    | 25.159 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.762  | 3584483    | 25.172 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.807  | 3510772    | 23.999 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.076  | 3277401    | 21.240 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.367  | 3666148    | 20.949 ug/ml |
| 8) T Flouorene (C16.55)            | 9.148  | 3055973    | 20.791 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.540 | 2927769    | 20.232 ug/ml |
| 10) T Anthracene (C19.43)          | 10.617 | 2845047    | 19.386 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.344 | 2946741    | 19.212 ug/ml |
| 13) T Pyrene (C20.8)               | 12.639 | 2914325    | 19.591 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.507 | 2355379    | 21.070 ug/ml |
| 15) T Chrysene (C27.41)            | 14.548 | 3013211    | 19.280 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.052 | 2246310    | 19.262 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.083 | 2954317    | 19.899 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.434 | 2326834    | 19.210 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.799 | 1279915    | 13.462 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.837 | 1957008    | 16.291 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.044 | 1956182    | 17.166 ug/ml |
| -----                              |        |            |              |

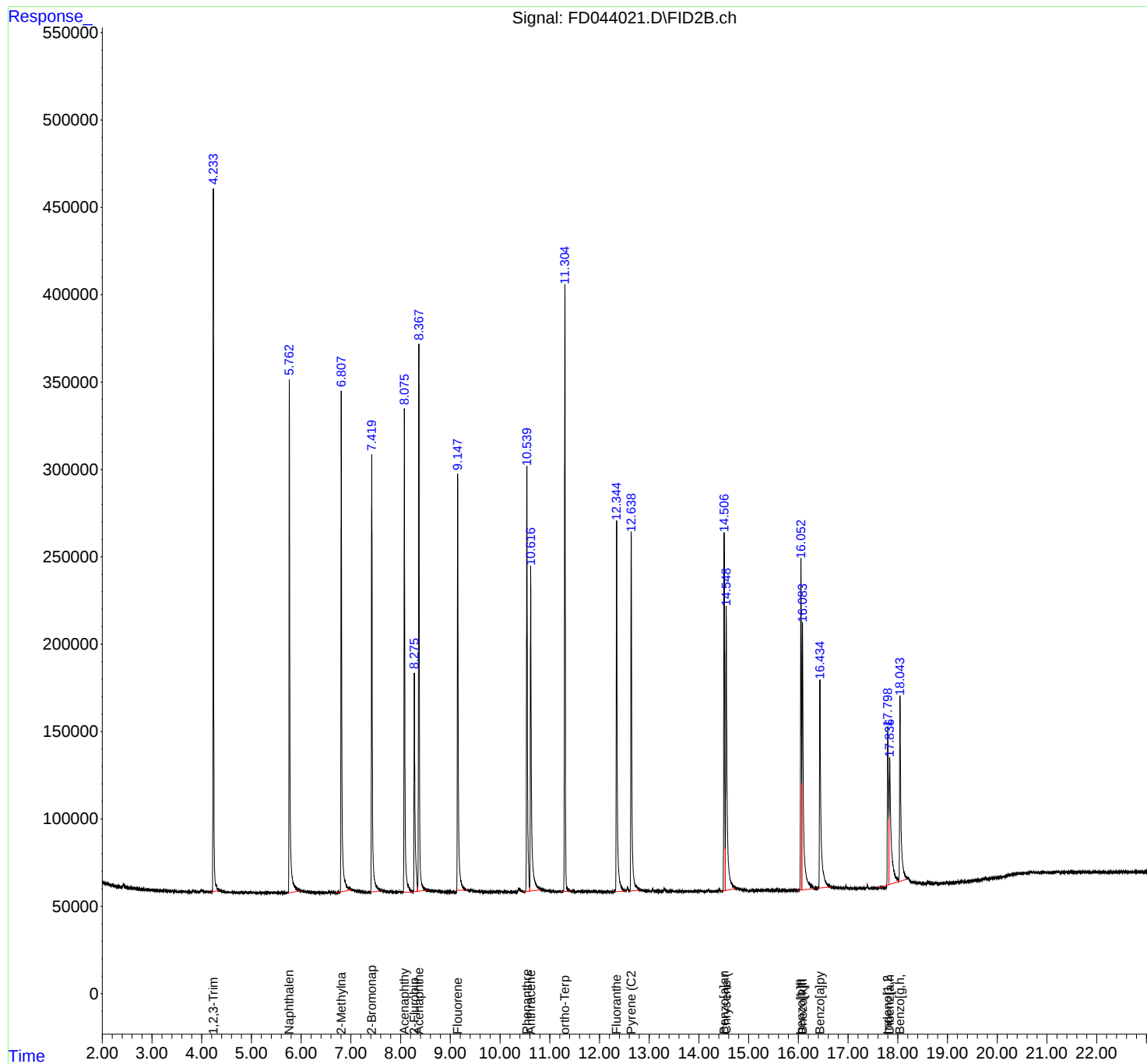
(f)=RT Delta > 1/2 Window

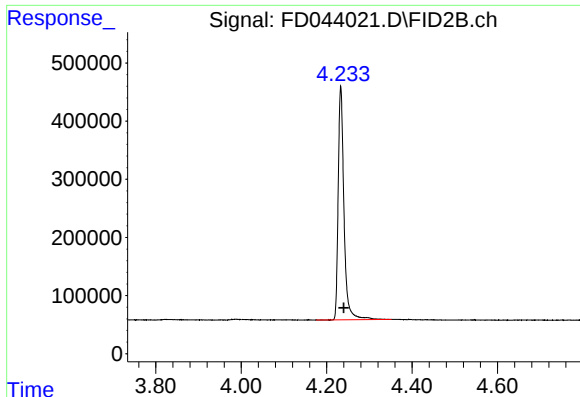
(m)=manual int.

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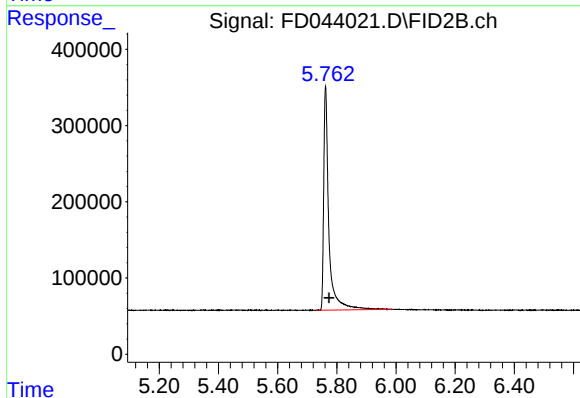
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





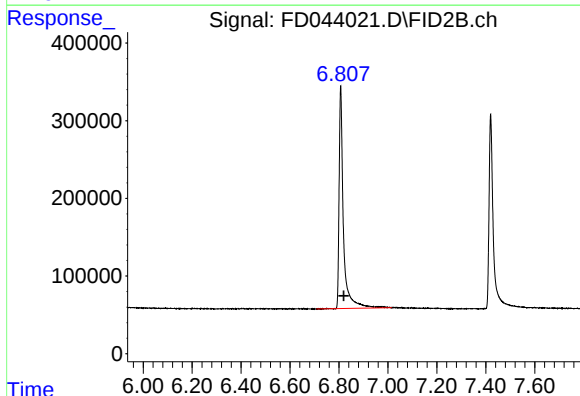
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.233 min  
Delta R.T.: -0.007 min  
Response: 3780966  
Conc: 25.16 ug/ml



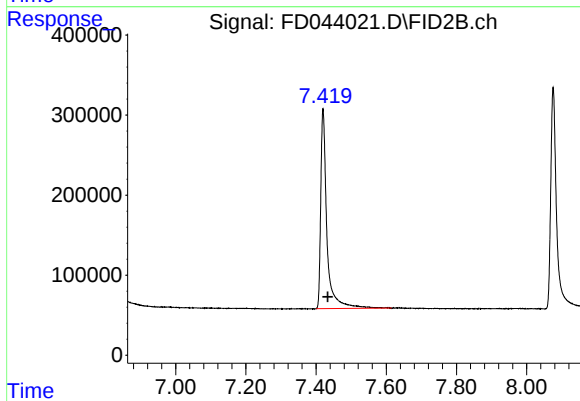
#2 Naphthalene (C11.7)

R.T.: 5.762 min  
Delta R.T.: -0.011 min  
Response: 3584483  
Conc: 25.17 ug/ml



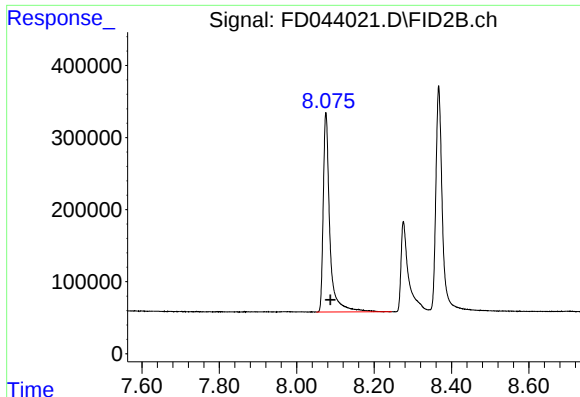
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min  
Delta R.T.: -0.012 min  
Response: 3510772  
Conc: 24.00 ug/ml



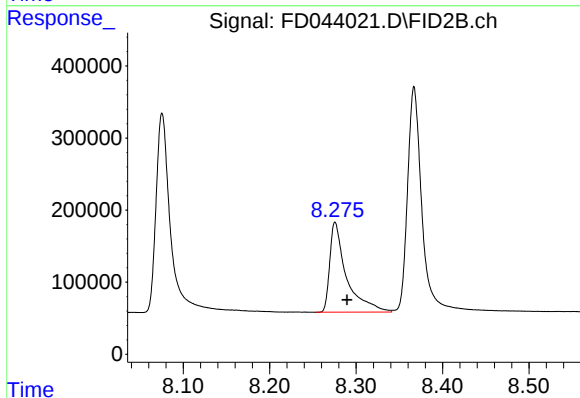
#4 2-Bromonaphthalene (SURR)

R.T.: 7.420 min  
Delta R.T.: -0.013 min  
Response: 3057925  
Conc: 23.24 ug/ml



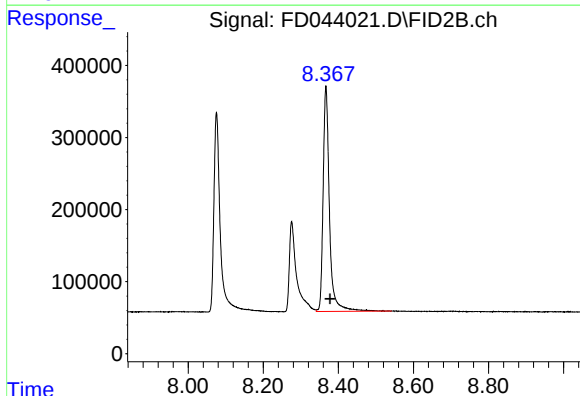
#5 Acenaphthylene (C15.06)

R.T.: 8.076 min  
Delta R.T.: -0.012 min  
Response: 3277401  
Conc: 21.24 ug/ml



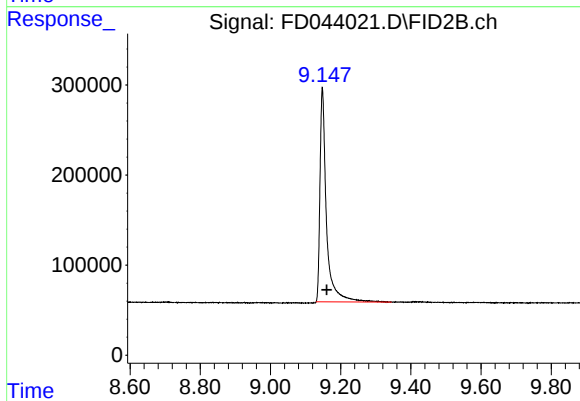
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min  
Delta R.T.: -0.013 min  
Response: 1680182  
Conc: 23.29 ug/ml



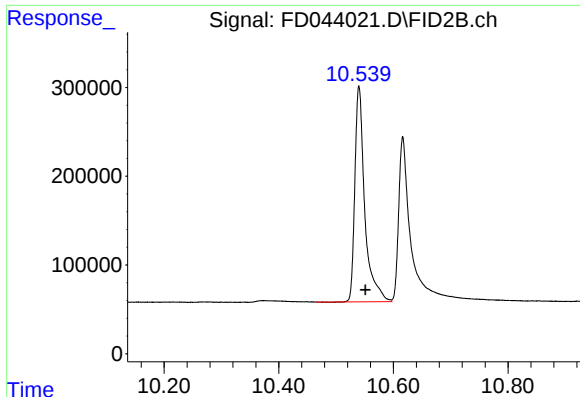
#7 Acenaphthene (C15.5)

R.T.: 8.367 min  
Delta R.T.: -0.011 min  
Response: 3666148  
Conc: 20.95 ug/ml



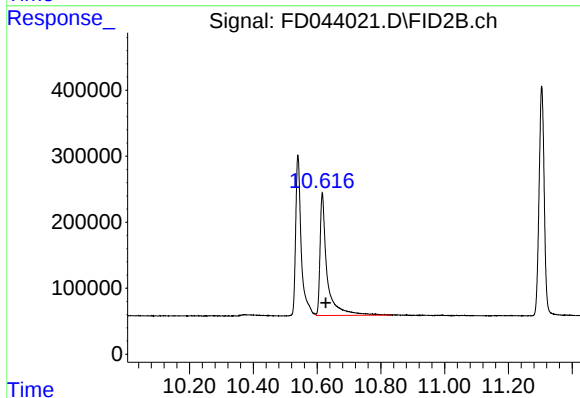
#8 Flouorene (C16.55)

R.T.: 9.148 min  
Delta R.T.: -0.012 min  
Response: 3055973  
Conc: 20.79 ug/ml



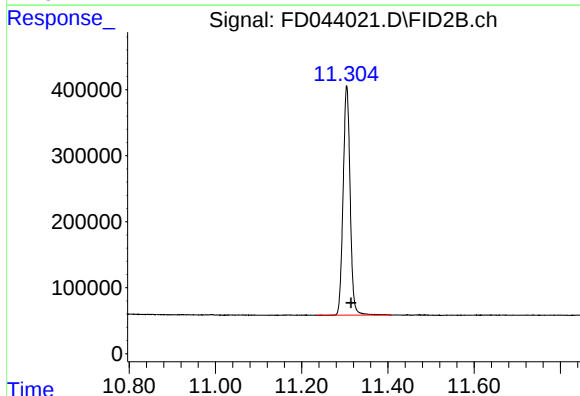
#9 Phenanthrene (C19.36)

R.T.: 10.540 min  
Delta R.T.: -0.011 min  
Response: 2927769  
Conc: 20.23 ug/ml



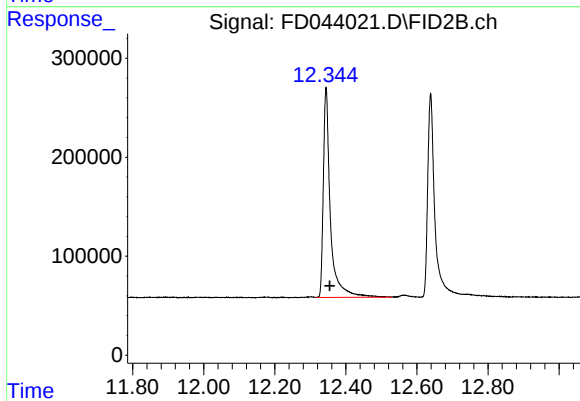
#10 Anthracene (C19.43)

R.T.: 10.617 min  
Delta R.T.: -0.011 min  
Response: 2845047  
Conc: 19.39 ug/ml



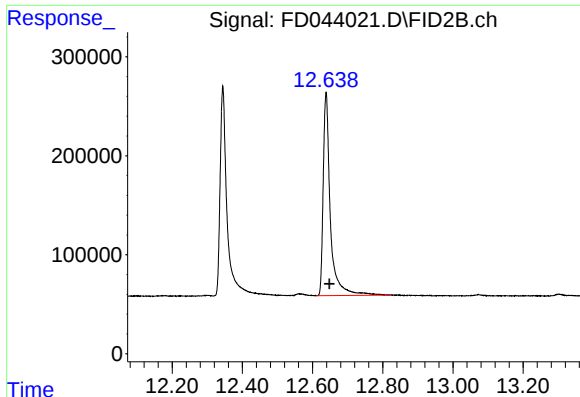
#11 ortho-Terphenyl (SURR)

R.T.: 11.305 min  
Delta R.T.: -0.010 min  
Response: 3918246  
Conc: 21.03 ug/ml



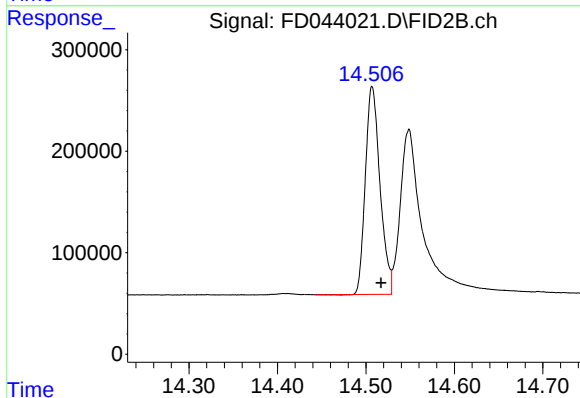
#12 Fluoranthene (C21.85)

R.T.: 12.344 min  
Delta R.T.: -0.011 min  
Response: 2946741  
Conc: 19.21 ug/ml



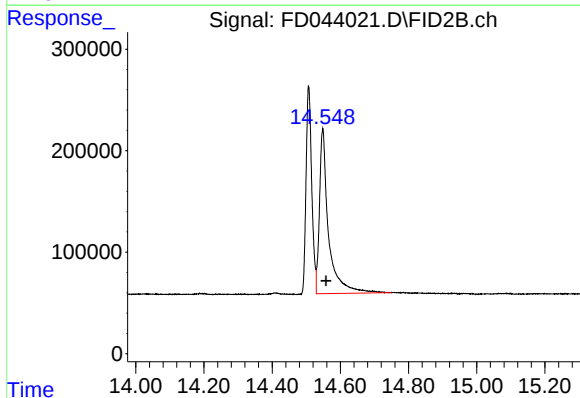
#13 Pyrene (C20.8)

R.T.: 12.639 min  
Delta R.T.: -0.010 min  
Response: 2914325  
Conc: 19.59 ug/ml



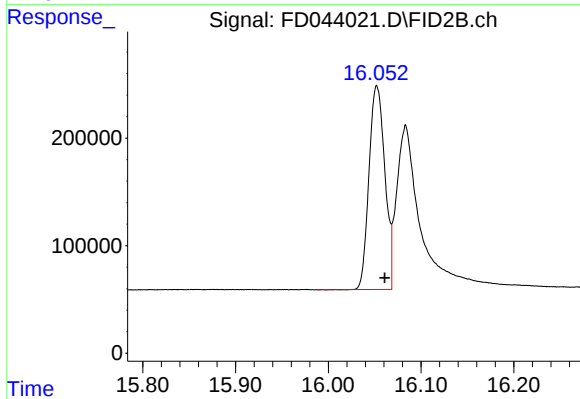
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min  
Delta R.T.: -0.010 min  
Response: 2355379  
Conc: 21.07 ug/ml



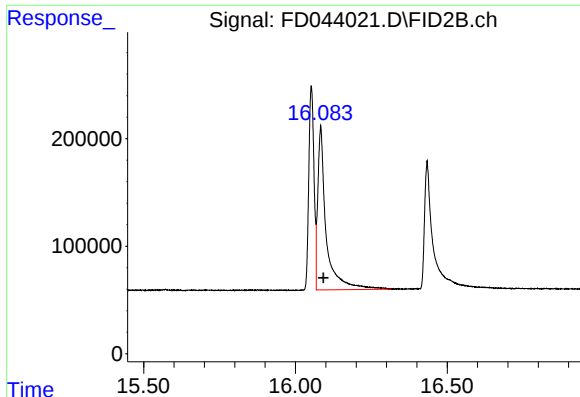
#15 Chrysene (C27.41)

R.T.: 14.548 min  
Delta R.T.: -0.010 min  
Response: 3013211  
Conc: 19.28 ug/ml



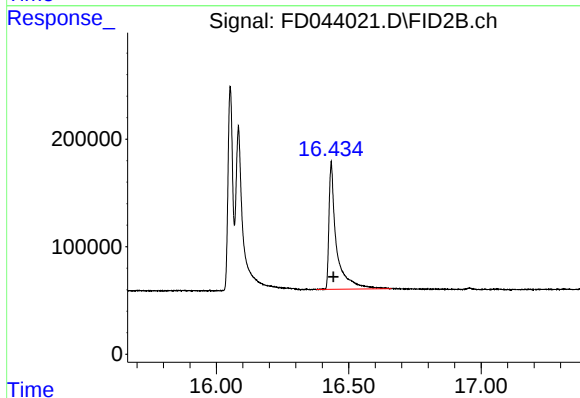
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.052 min  
Delta R.T.: -0.008 min  
Response: 2246310  
Conc: 19.26 ug/ml



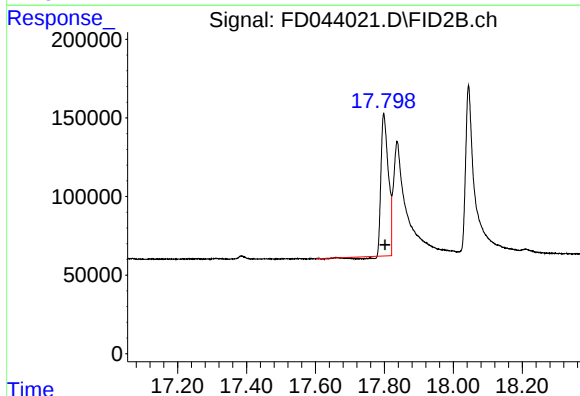
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.083 min  
Delta R.T.: -0.009 min  
Response: 2954317  
Conc: 19.90 ug/ml



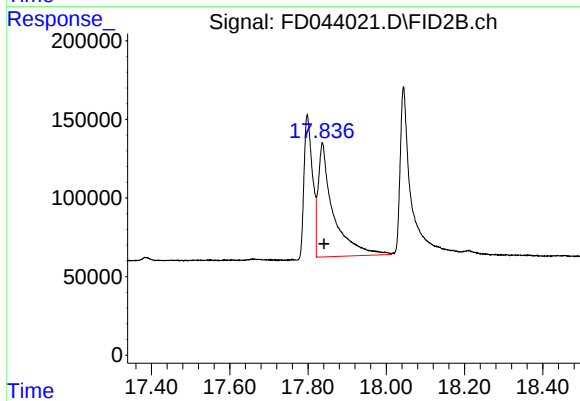
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.434 min  
Delta R.T.: -0.008 min  
Response: 2326834  
Conc: 19.21 ug/ml



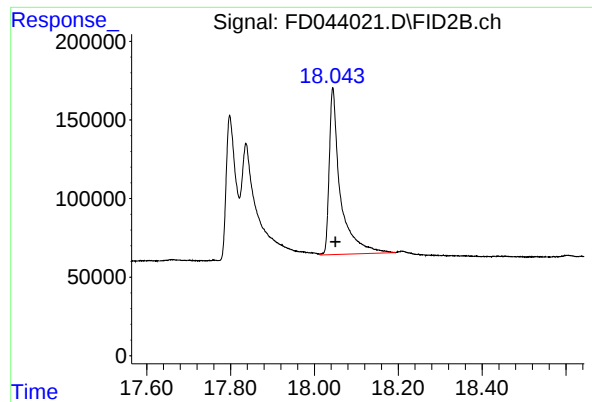
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.799 min  
Delta R.T.: -0.003 min  
Response: 1279915  
Conc: 13.46 ug/ml



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

R.T.: 17.837 min  
Delta R.T.: -0.004 min  
Response: 1957008  
Conc: 16.29 ug/ml



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

R.T.: 18.044 min  
Delta R.T.: -0.006 min  
Response: 1956182  
Conc: 17.17 ug/ml