

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041719AR\  
 Data File : FD028947.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Apr 2019 14:58  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 18 04:32:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032519.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 26 06:44:45 2019  
 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...      | 7.092  | 1965242    | 20.714 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.43%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.958  | 1347938    | 20.676 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.35%       |
| 11) S ortho-Terphenyl (SURR)       | 10.996 | 2276500    | 20.460 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.92%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.916  | 1981640    | 20.257 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.437  | 2227409    | 20.907 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.485  | 2228398    | 20.830 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.762  | 2141395    | 20.679 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.057  | 2257940    | 20.815 ug/ml |
| 8) T Flouorene (C16.55)            | 8.837  | 2249116    | 20.688 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.235 | 2244095    | 20.723 ug/ml |
| 10) T Anthracene (C19.43)          | 10.308 | 2208973    | 20.563 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.045 | 2369095    | 21.913 ug/ml |
| 13) T Pyrene (C20.8)               | 12.343 | 2395024    | 22.241 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.252 | 2426288    | 23.141 ug/ml |
| 15) T Chrysene (C27.41)            | 14.252 | 2426288    | 23.172 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.790 | 2442978    | 22.539 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.790 | 2442978    | 22.765 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.136 | 2440274    | 22.553 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.535 | 2472155    | 22.370 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.535 | 2472155    | 22.997 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.753 | 2406612    | 22.207 ug/ml |
| -----                              |        |            |              |

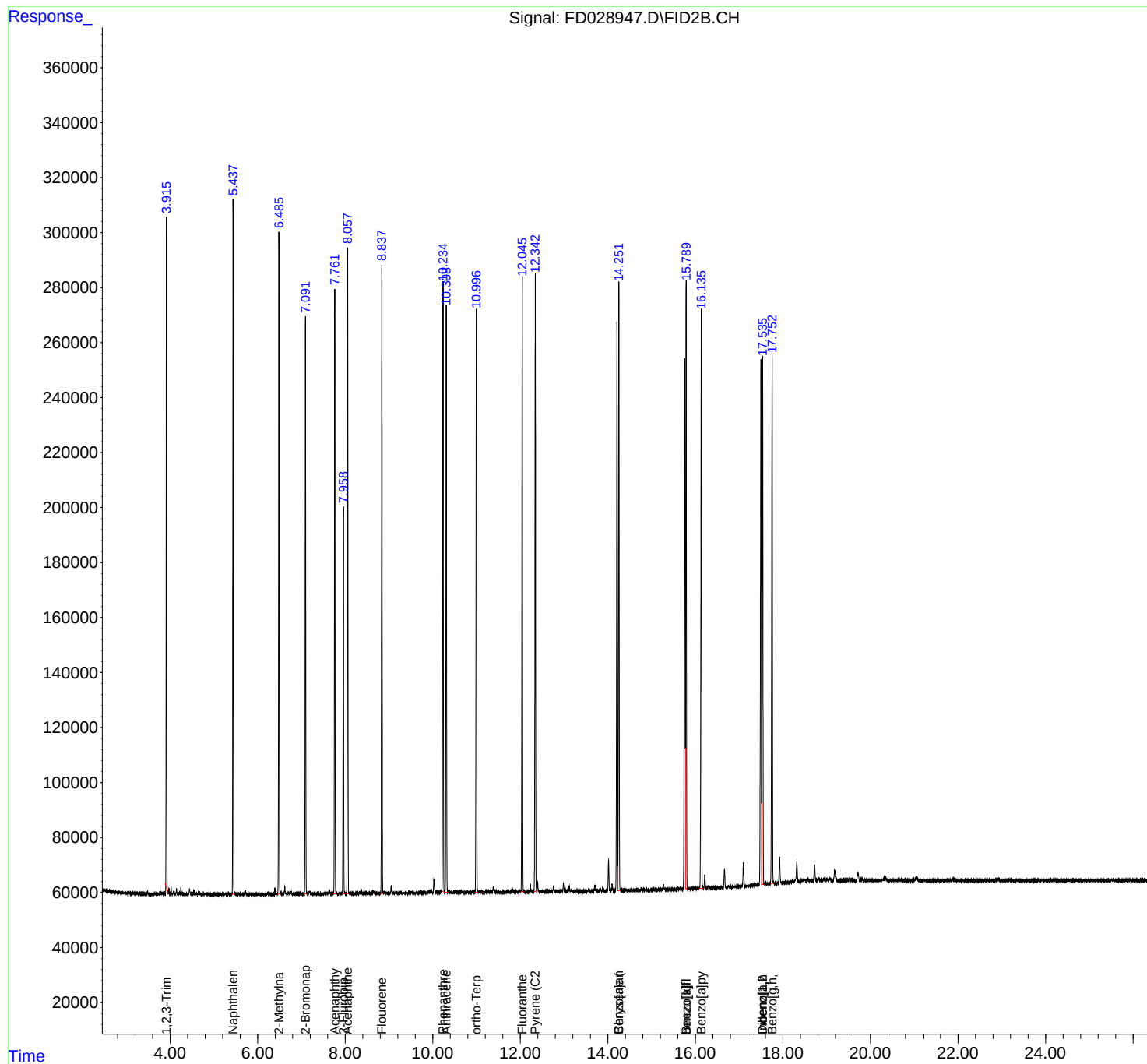
(f)=RT Delta > 1/2 Window

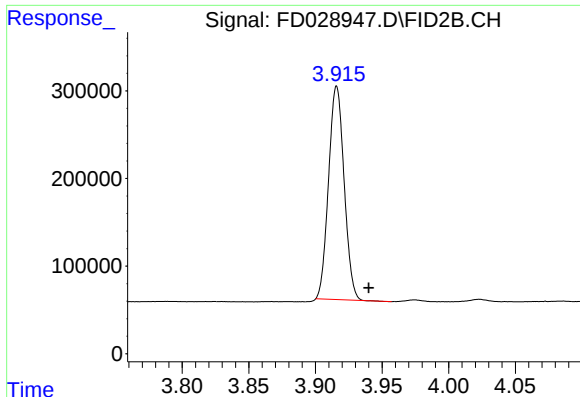
(m)=manual int.

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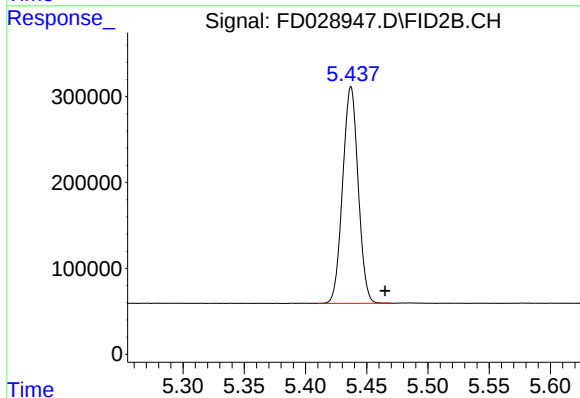
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





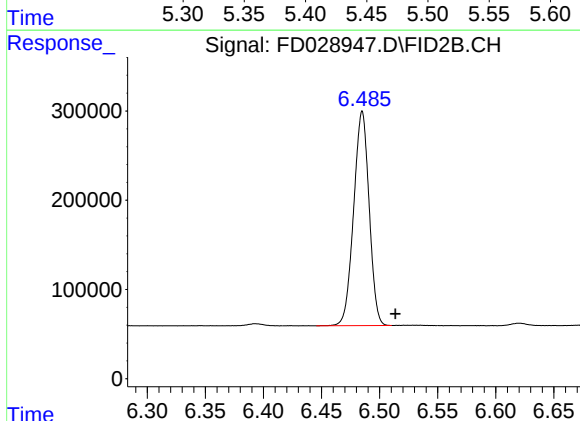
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.916 min  
Delta R.T.: -0.024 min  
Response: 1981640  
Conc: 20.26 ug/ml



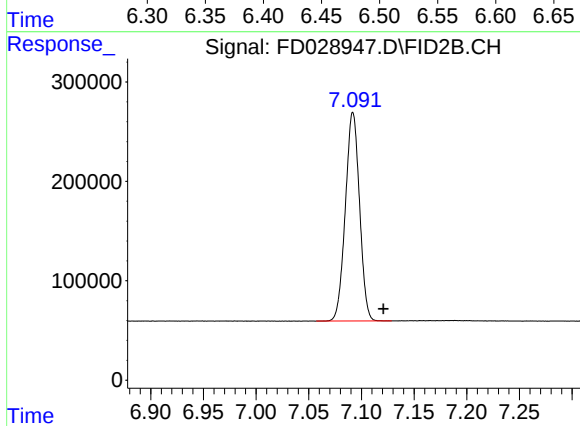
#2 Naphthalene (C11.7)

R.T.: 5.437 min  
Delta R.T.: -0.028 min  
Response: 2227409  
Conc: 20.91 ug/ml



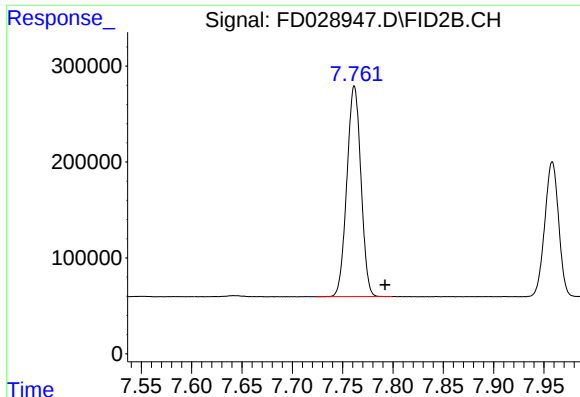
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.485 min  
Delta R.T.: -0.029 min  
Response: 2228398  
Conc: 20.83 ug/ml



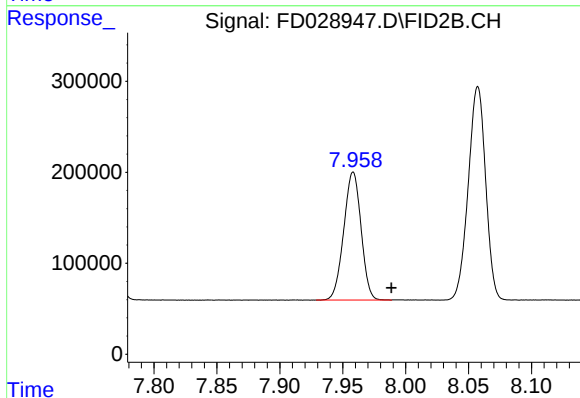
#4 2-Bromonaphthalene (SURR)

R.T.: 7.092 min  
Delta R.T.: -0.029 min  
Response: 1965242  
Conc: 20.71 ug/ml



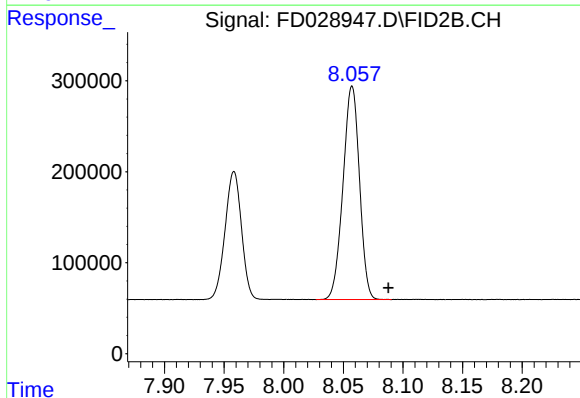
#5 Acenaphthylene (C15.06)

R.T.: 7.762 min  
Delta R.T.: -0.030 min  
Response: 2141395  
Conc: 20.68 ug/ml



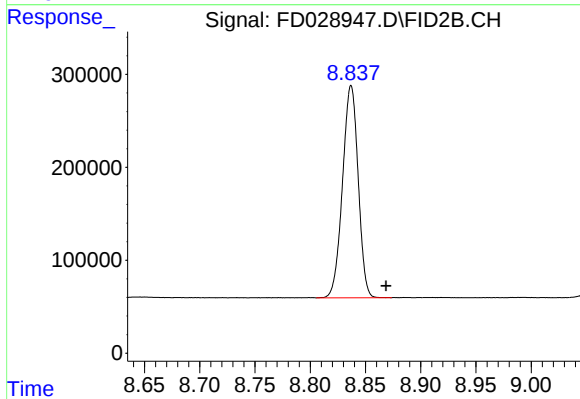
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.958 min  
Delta R.T.: -0.030 min  
Response: 1347938  
Conc: 20.68 ug/ml



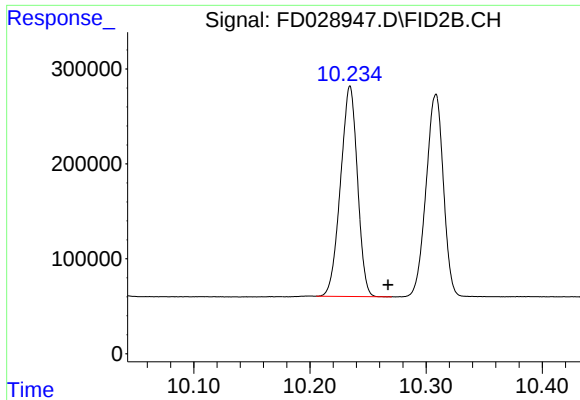
#7 Acenaphthene (C15.5)

R.T.: 8.057 min  
Delta R.T.: -0.030 min  
Response: 2257940  
Conc: 20.82 ug/ml



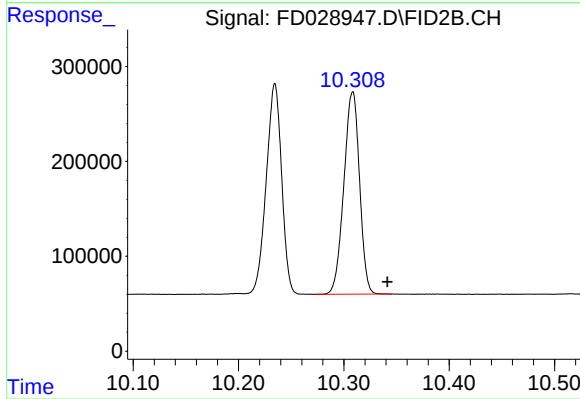
#8 Flouorene (C16.55)

R.T.: 8.837 min  
Delta R.T.: -0.032 min  
Response: 2249116  
Conc: 20.69 ug/ml



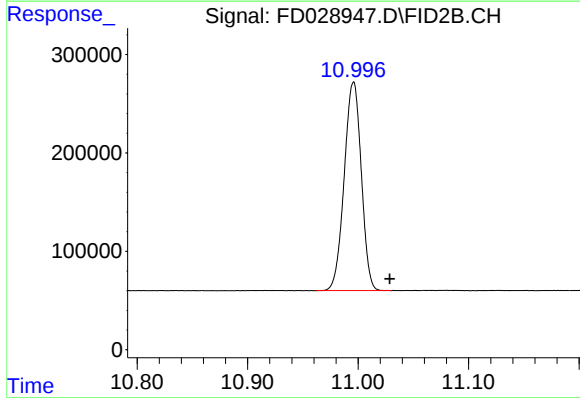
#9 Phenanthrene (C19.36)

R.T.: 10.235 min  
Delta R.T.: -0.033 min  
Response: 2244095  
Conc: 20.72 ug/ml



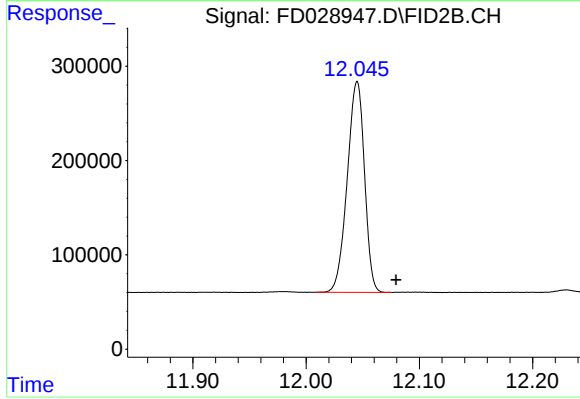
#10 Anthracene (C19.43)

R.T.: 10.308 min  
Delta R.T.: -0.033 min  
Response: 2208973  
Conc: 20.56 ug/ml



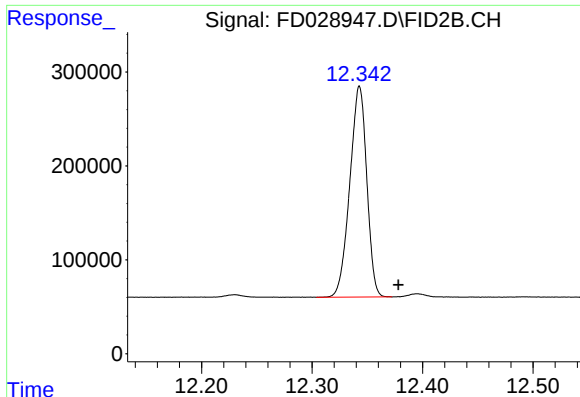
#11 ortho-Terphenyl (SURR)

R.T.: 10.996 min  
Delta R.T.: -0.033 min  
Response: 2276500  
Conc: 20.46 ug/ml



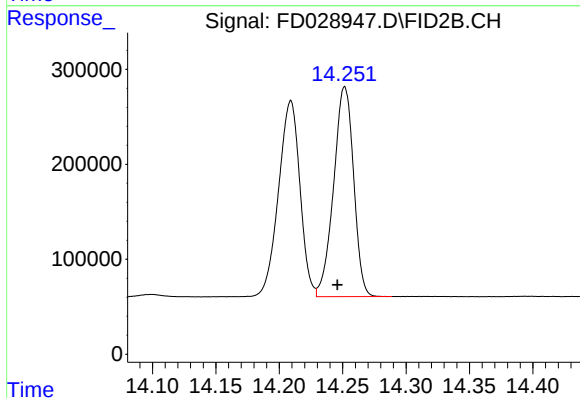
#12 Fluoranthene (C21.85)

R.T.: 12.045 min  
Delta R.T.: -0.034 min  
Response: 2369095  
Conc: 21.91 ug/ml



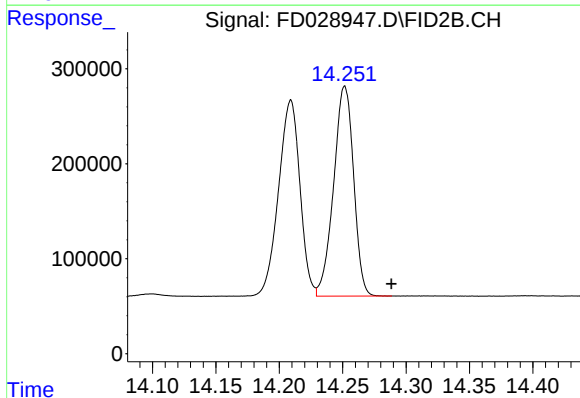
#13 Pyrene (C20.8)

R.T.: 12.343 min  
Delta R.T.: -0.035 min  
Response: 2395024  
Conc: 22.24 ug/ml



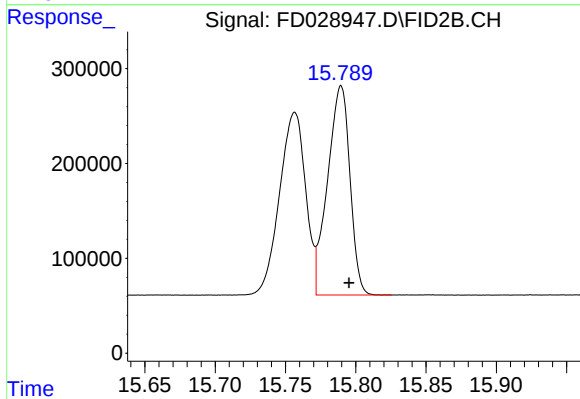
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.252 min  
Delta R.T.: 0.006 min  
Response: 2426288  
Conc: 23.14 ug/ml



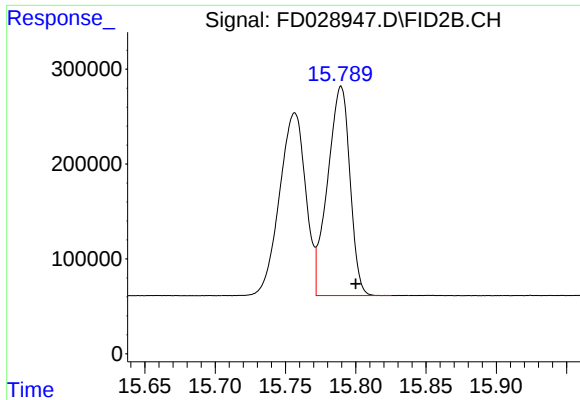
#15 Chrysene (C27.41)

R.T.: 14.252 min  
Delta R.T.: -0.037 min  
Response: 2426288  
Conc: 23.17 ug/ml



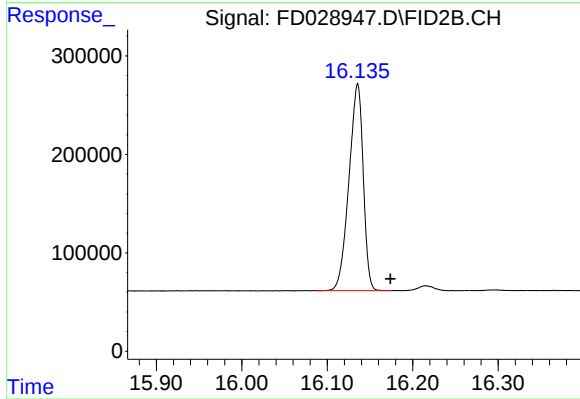
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.790 min  
Delta R.T.: -0.006 min  
Response: 2442978  
Conc: 22.54 ug/ml



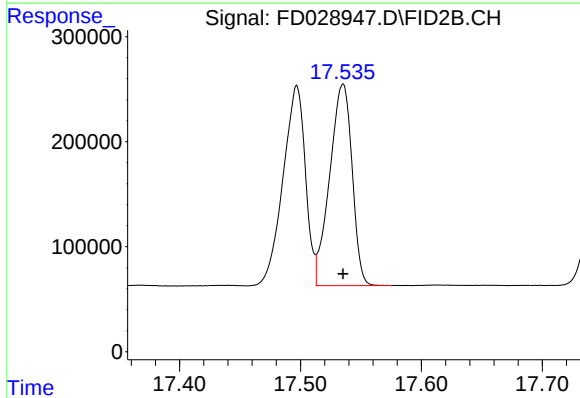
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.790 min  
Delta R.T.: -0.010 min  
Response: 2442978  
Conc: 22.76 ug/ml



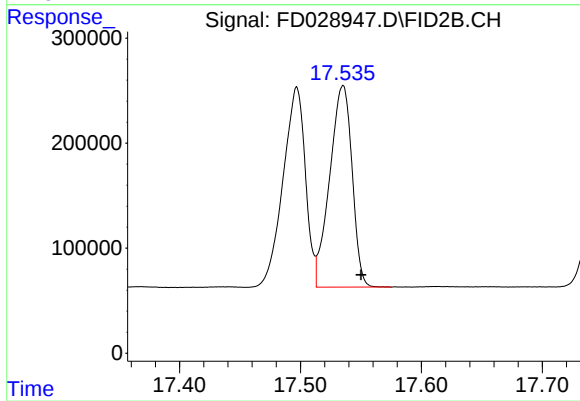
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.136 min  
Delta R.T.: -0.038 min  
Response: 2440274  
Conc: 22.55 ug/ml



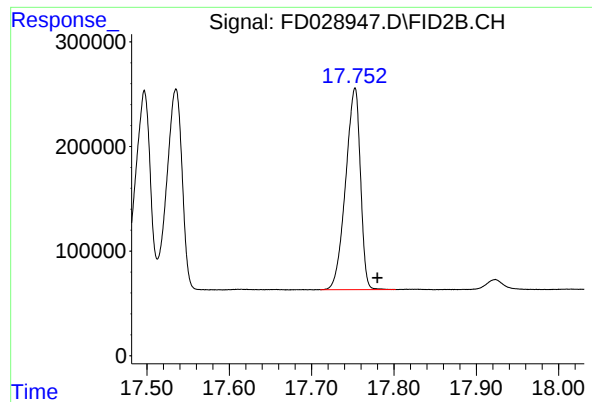
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.535 min  
Delta R.T.: 0.000 min  
Response: 2472155  
Conc: 22.37 ug/ml



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

R.T.: 17.535 min  
Delta R.T.: -0.015 min  
Response: 2472155  
Conc: 23.00 ug/ml



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

R.T.: 17.753 min  
Delta R.T.: -0.027 min  
Response: 2406612  
Conc: 22.21 ug/ml