

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD122021AR\  
 Data File : FD040080.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Dec 2021 9:44  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Dec 21 11:56:55 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 122021.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 21 03:16:39 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...      | 6.850  | 2627930    | 19.691 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.38%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 7.703  | 1777359    | 19.753 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.51%       |
| 11) S ortho-Terphenyl (SURR)       | 10.743 | 2694711    | 19.582 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.16%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 3.694  | 2869618    | 19.812 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.197  | 2986052    | 19.741 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.240  | 2990193    | 19.716 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 7.508  | 2715720    | 19.688 ug/ml |
| 7) T Acenaphthene (C15.5)          | 7.802  | 2873857    | 19.653 ug/ml |
| 8) T Flouorene (C16.55)            | 8.580  | 2825091    | 19.677 ug/ml |
| 9) T Phenanthrene (C19.36)         | 9.970  | 2751967    | 19.721 ug/ml |
| 10) T Anthracene (C19.43)          | 10.045 | 2639776    | 19.695 ug/ml |
| 12) T Fluoranthene (C21.85)        | 11.776 | 2672116    | 19.715 ug/ml |
| 13) T Pyrene (C20.8)               | 12.072 | 2582095    | 19.628 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 13.939 | 2380656    | 19.728 ug/ml |
| 15) T Chrysene (C27.41)            | 13.982 | 2486255    | 19.743 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.486 | 2436109    | 19.787 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 15.518 | 2429102    | 19.923 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 15.862 | 2410690    | 20.011 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.225 | 2390111    | 20.248 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.268 | 2408328    | 20.780 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.478 | 2394962    | 19.843 ug/ml |
| -----                              |        |            |              |

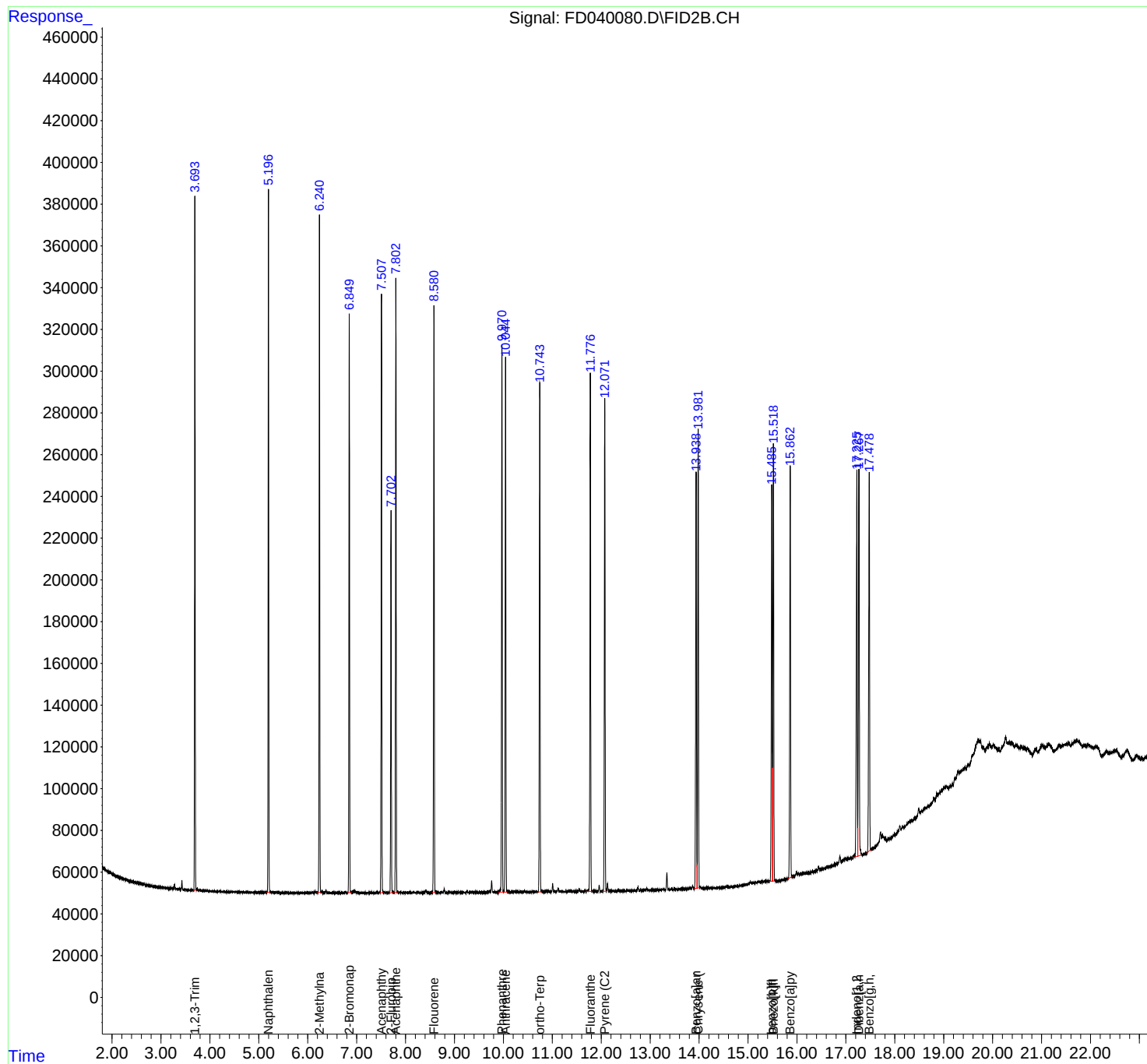
(f)=RT Delta > 1/2 Window

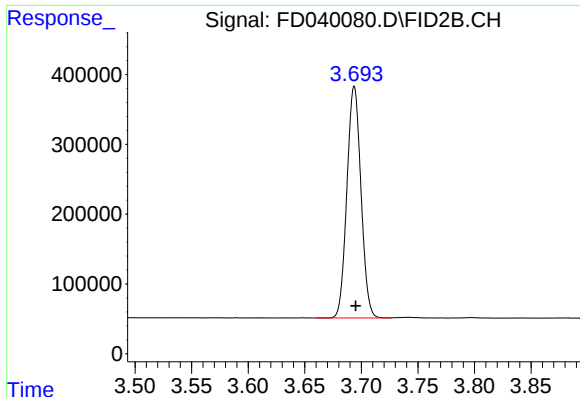
(m)=manual int.

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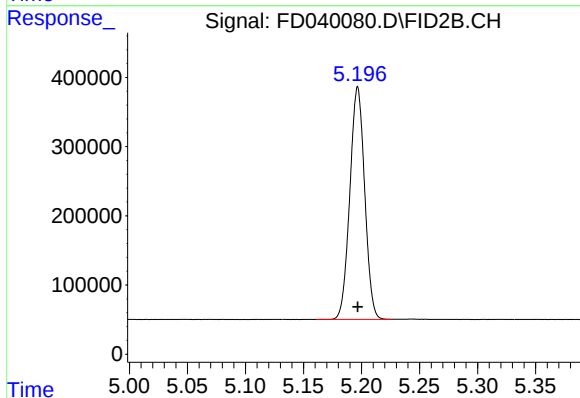
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





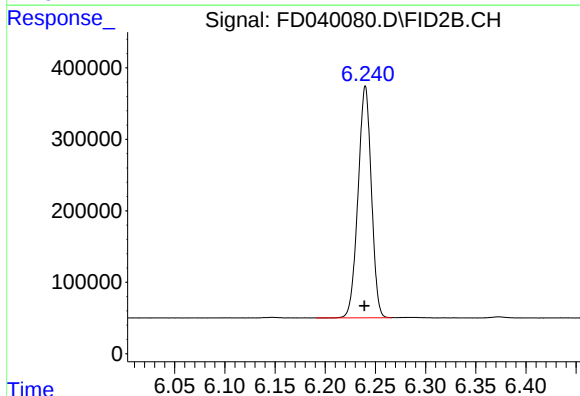
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.694 min  
Delta R.T.: -0.001 min  
Response: 2869618  
Conc: 19.81 ug/ml



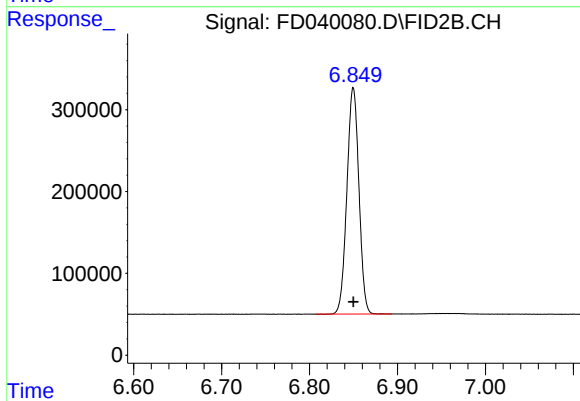
#2 Naphthalene (C11.7)

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 2986052  
Conc: 19.74 ug/ml



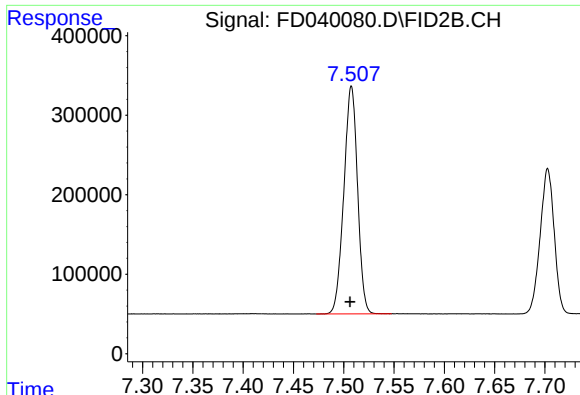
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min  
Delta R.T.: 0.001 min  
Response: 2990193  
Conc: 19.72 ug/ml



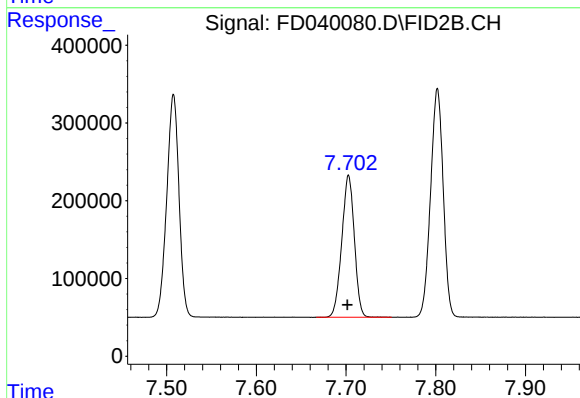
#4 2-Bromonaphthalene (SURR)

R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 2627930  
Conc: 19.69 ug/ml



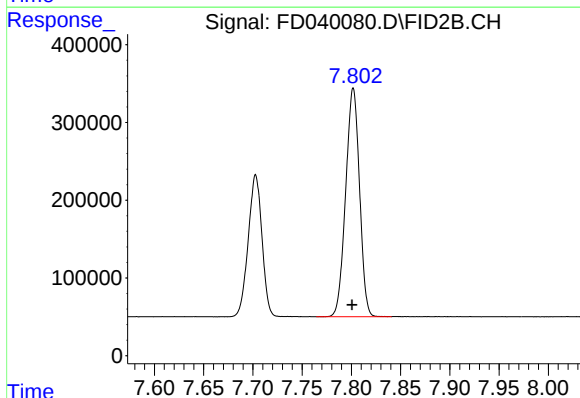
#5 Acenaphthylene (C15.06)

R.T.: 7.508 min  
Delta R.T.: 0.001 min  
Response: 2715720  
Conc: 19.69 ug/ml



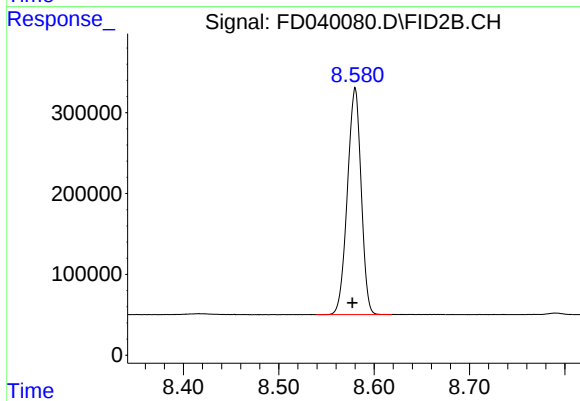
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.703 min  
Delta R.T.: 0.001 min  
Response: 1777359  
Conc: 19.75 ug/ml



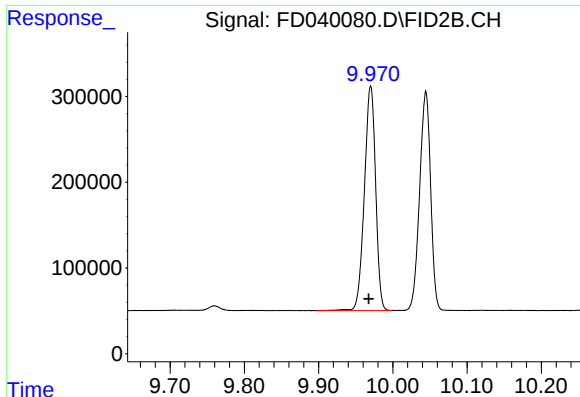
#7 Acenaphthene (C15.5)

R.T.: 7.802 min  
Delta R.T.: 0.001 min  
Response: 2873857  
Conc: 19.65 ug/ml



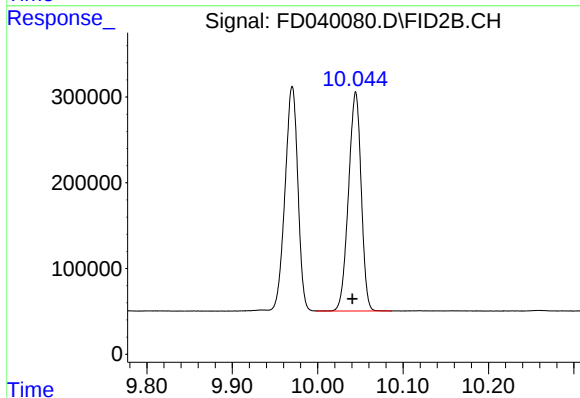
#8 Fluorene (C16.55)

R.T.: 8.580 min  
Delta R.T.: 0.003 min  
Response: 2825091  
Conc: 19.68 ug/ml



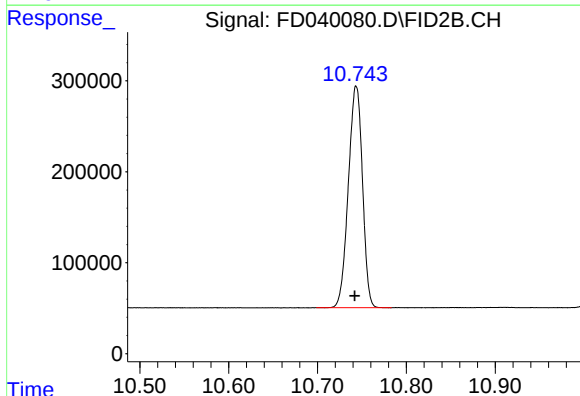
#9 Phenanthrene (C19.36)

R.T.: 9.970 min  
Delta R.T.: 0.003 min  
Response: 2751967  
Conc: 19.72 ug/ml



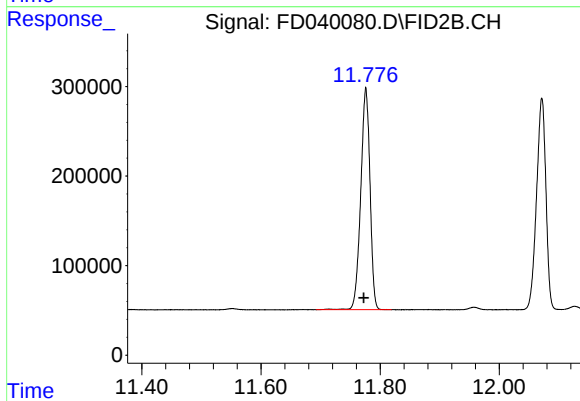
#10 Anthracene (C19.43)

R.T.: 10.045 min  
Delta R.T.: 0.004 min  
Response: 2639776  
Conc: 19.70 ug/ml



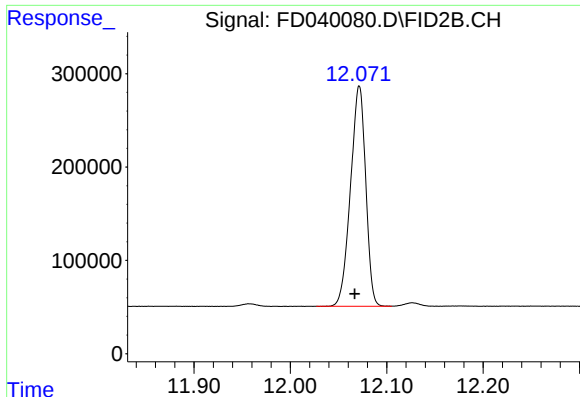
#11 ortho-Terphenyl (SURR)

R.T.: 10.743 min  
Delta R.T.: 0.002 min  
Response: 2694711  
Conc: 19.58 ug/ml



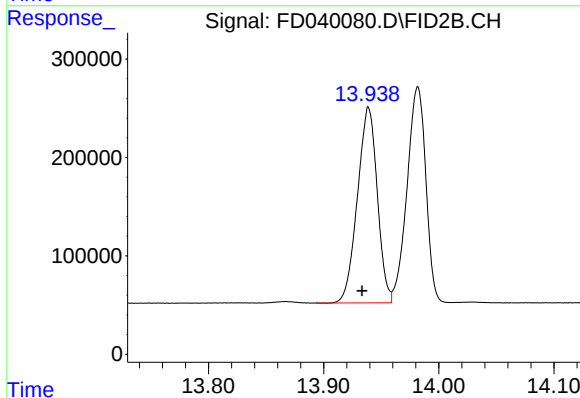
#12 Fluoranthene (C21.85)

R.T.: 11.776 min  
Delta R.T.: 0.004 min  
Response: 2672116  
Conc: 19.72 ug/ml



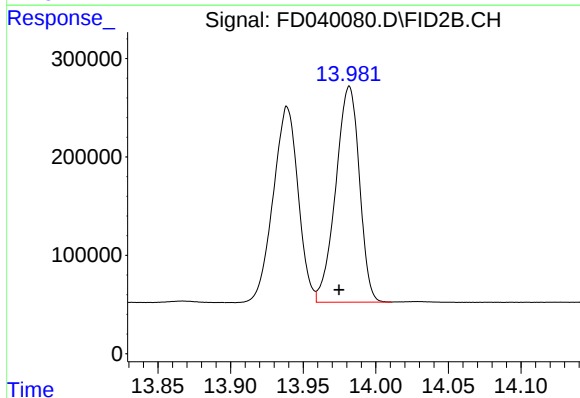
#13 Pyrene (C20.8)

R.T.: 12.072 min  
Delta R.T.: 0.005 min  
Response: 2582095  
Conc: 19.63 ug/ml



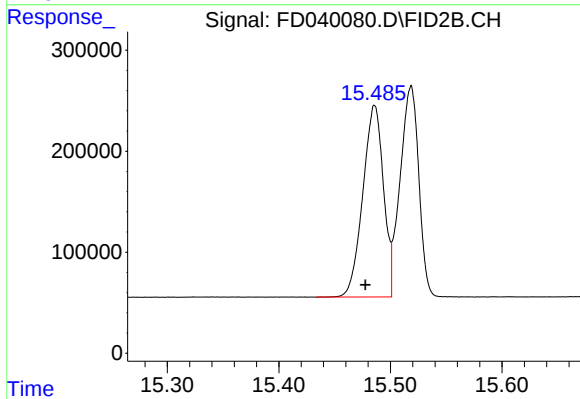
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.939 min  
Delta R.T.: 0.006 min  
Response: 2380656  
Conc: 19.73 ug/ml



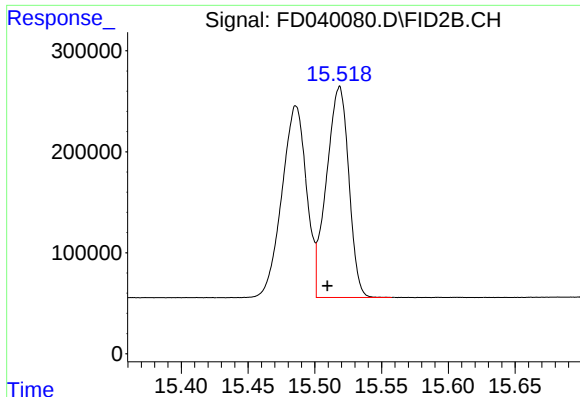
#15 Chrysene (C27.41)

R.T.: 13.982 min  
Delta R.T.: 0.007 min  
Response: 2486255  
Conc: 19.74 ug/ml



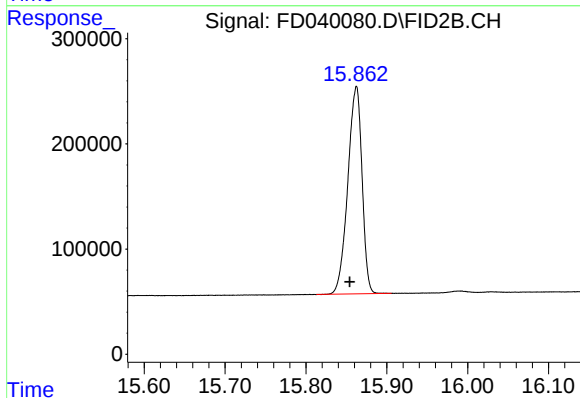
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.486 min  
Delta R.T.: 0.008 min  
Response: 2436109  
Conc: 19.79 ug/ml



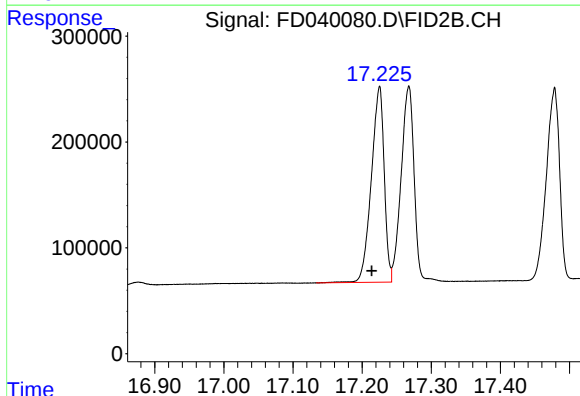
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.518 min  
Delta R.T.: 0.009 min  
Response: 2429102  
Conc: 19.92 ug/ml



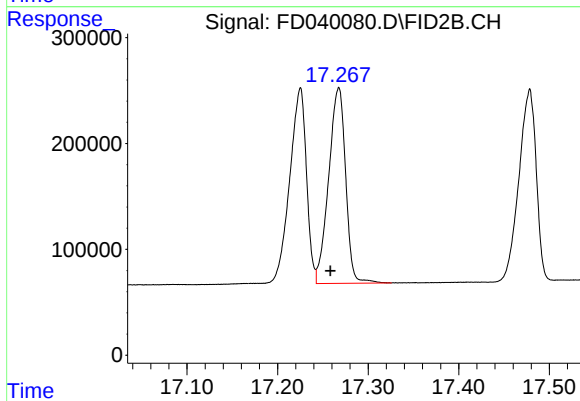
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.862 min  
Delta R.T.: 0.008 min  
Response: 2410690  
Conc: 20.01 ug/ml



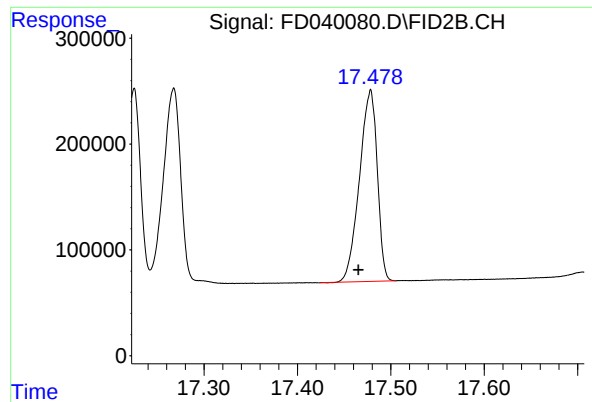
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.225 min  
Delta R.T.: 0.011 min  
Response: 2390111  
Conc: 20.25 ug/ml



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

R.T.: 17.268 min  
Delta R.T.: 0.009 min  
Response: 2408328  
Conc: 20.78 ug/ml



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

R.T.: 17.478 min  
Delta R.T.: 0.013 min  
Response: 2394962  
Conc: 19.84 ug/ml