

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD101619AR\  
 Data File : FD031030.D  
 Signal(s) : FID2B.CH  
 Acq On : 16 Oct 2019 13:12  
 Operator : DD\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 17 01:27:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 15 03:44:42 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...      | 7.553  | 2041063    | 21.353 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.71%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.413  | 1356535    | 21.379 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.76%        |
| 11) S ortho-Terphenyl (SURR)       | 11.438 | 2245892    | 20.492 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.98%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.362  | 2161182    | 21.786 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.895  | 2200976    | 21.738 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.944  | 2228043    | 21.730 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.214  | 2200789    | 21.320 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.508  | 2344276    | 21.476 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.288  | 2216189    | 21.379 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.678 | 2207371    | 21.130 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.754 | 2177742    | 20.755 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.483 | 2240620    | 21.092 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.778 | 2141748    | 20.213 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.644 | 2030892    | 21.139 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.686 | 2287482    | 20.807 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.189 | 2024930    | 20.875 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.221 | 2256792    | 20.733 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.569 | 1982922    | 20.207 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.931 | 1895165    | 20.968 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.968 | 2243992    | 21.859 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.184 | 1994627    | 20.925 ug/ml  |
| -----                              |        |            |               |

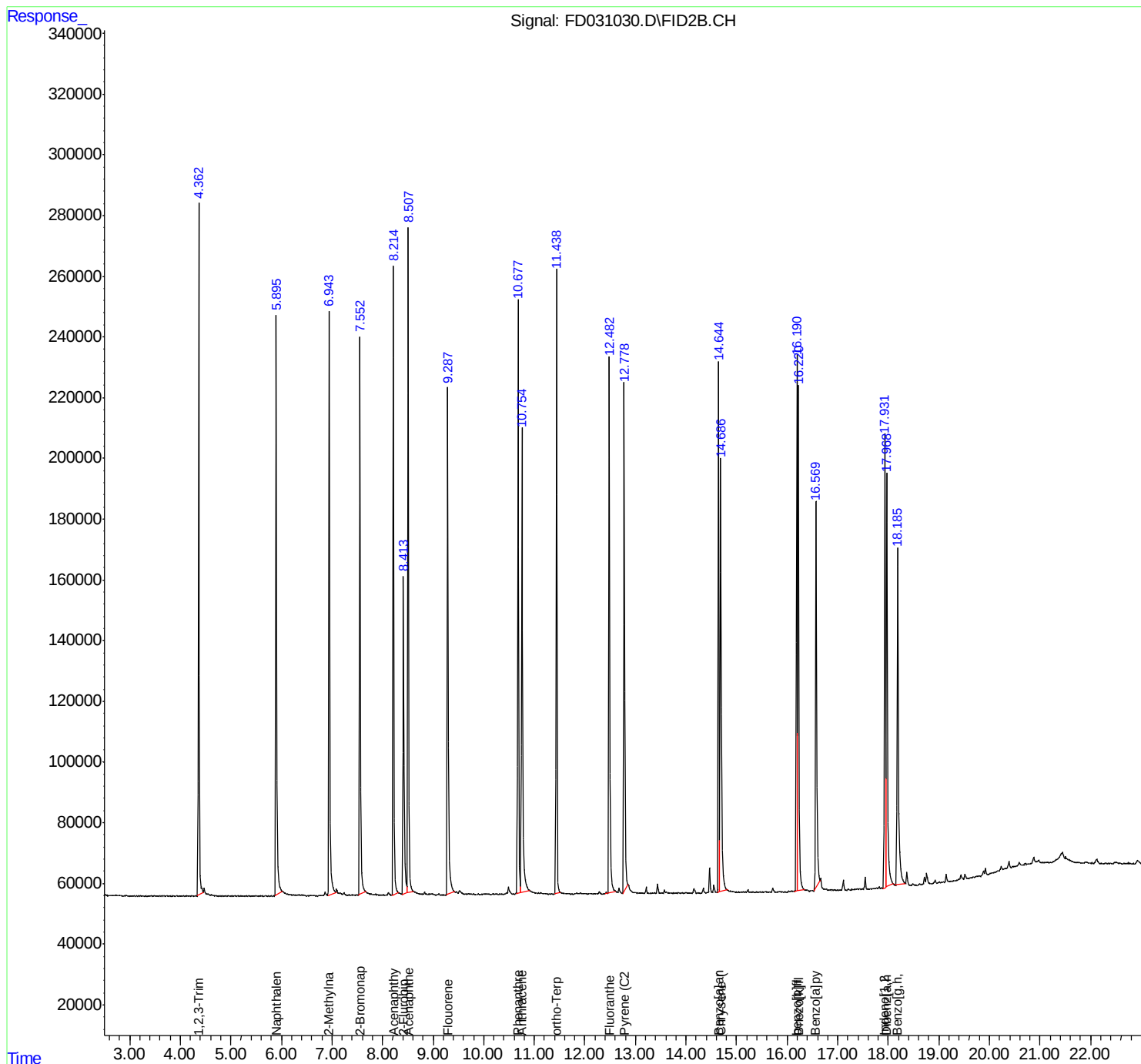
(f)=RT Delta > 1/2 Window

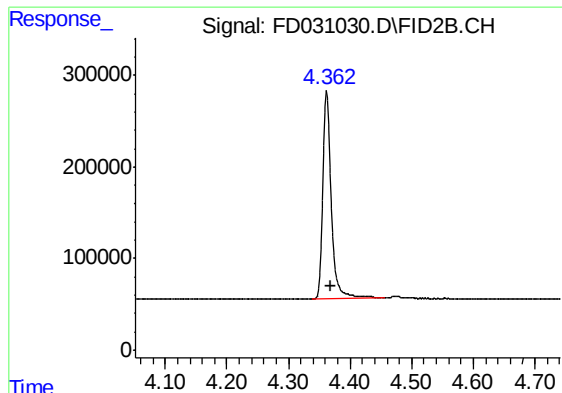
(m)=manual int.

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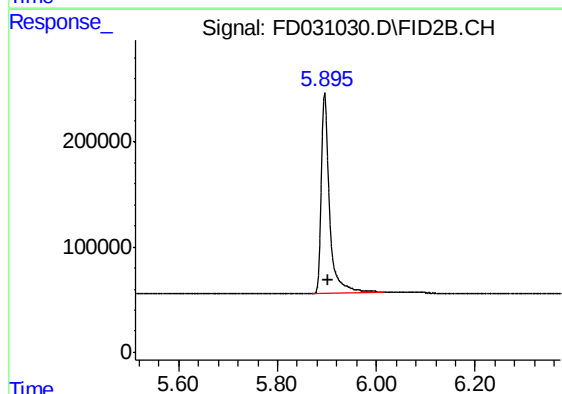
Volume Inj. : 1 µl  
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Signal Info : 20M x 0.18mm x 0.18µm





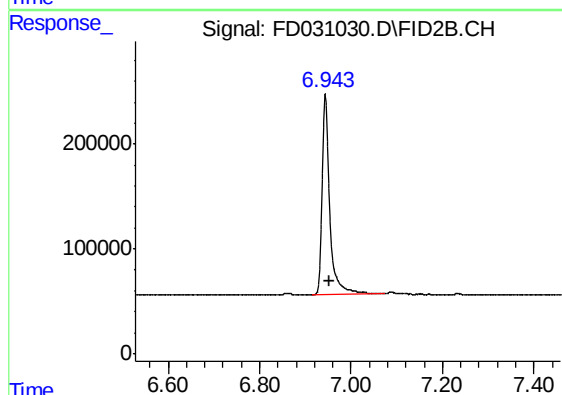
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min  
Delta R.T.: -0.006 min  
Response: 2161182  
Conc: 21.79 ug/ml



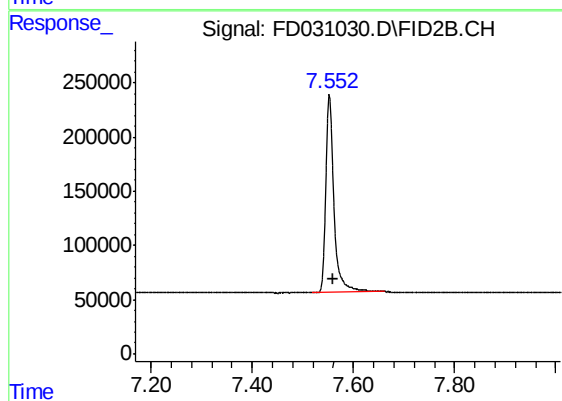
#2 Naphthalene (C11.7)

R.T.: 5.895 min  
Delta R.T.: -0.006 min  
Response: 2200976  
Conc: 21.74 ug/ml



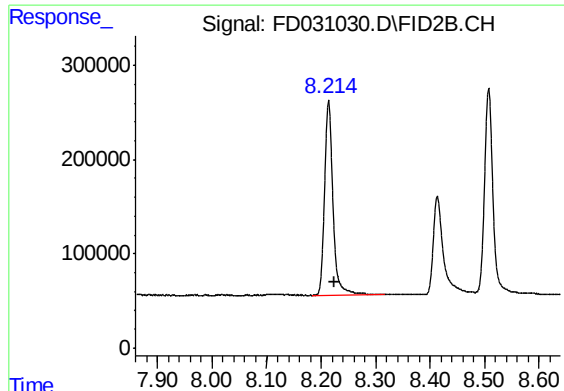
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min  
Delta R.T.: -0.008 min  
Response: 2228043  
Conc: 21.73 ug/ml



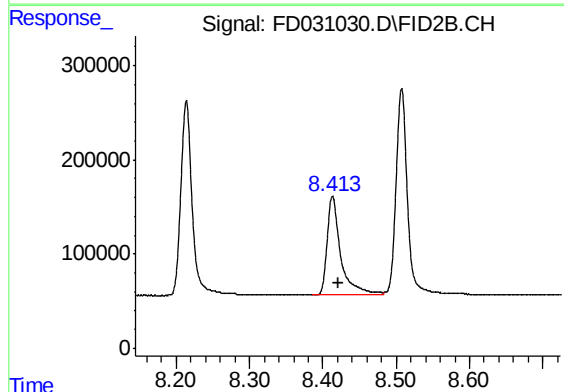
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min  
Delta R.T.: -0.007 min  
Response: 2041063  
Conc: 21.35 ug/ml



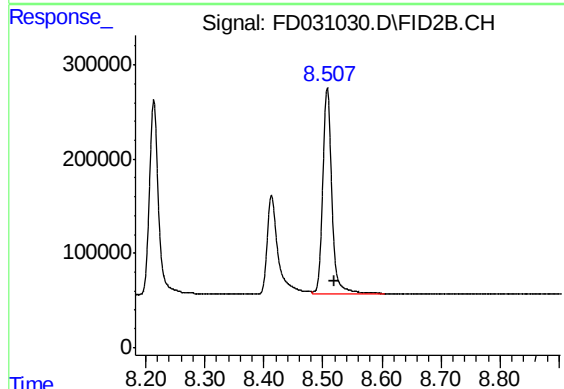
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min  
Delta R.T.: -0.010 min  
Response: 2200789  
Conc: 21.32 ug/ml



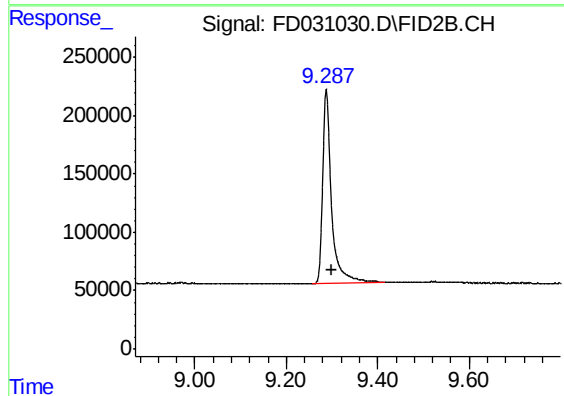
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.413 min  
Delta R.T.: -0.007 min  
Response: 1356535  
Conc: 21.38 ug/ml



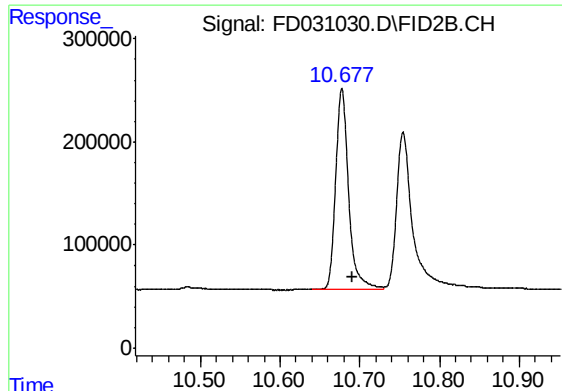
#7 Acenaphthene (C15.5)

R.T.: 8.508 min  
Delta R.T.: -0.013 min  
Response: 2344276  
Conc: 21.48 ug/ml



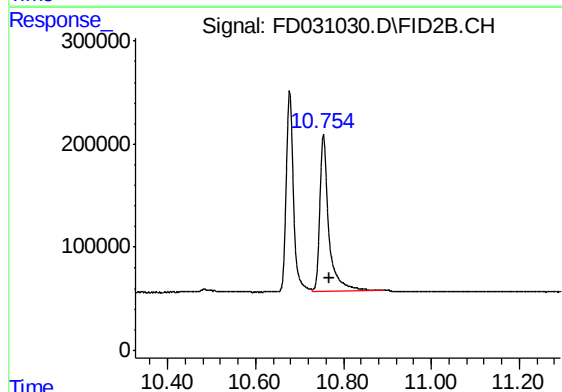
#8 Fluorene (C16.55)

R.T.: 9.288 min  
Delta R.T.: -0.011 min  
Response: 2216189  
Conc: 21.38 ug/ml



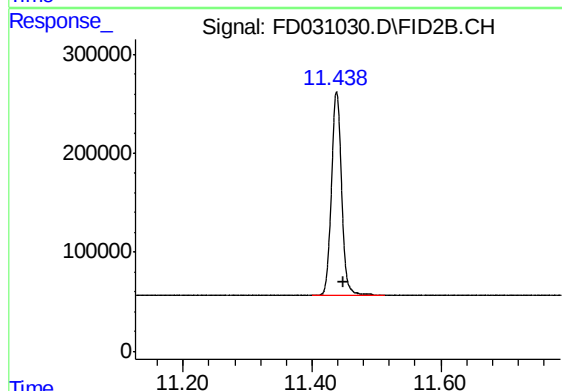
#9 Phenanthrene (C19.36)

R.T.: 10.678 min  
Delta R.T.: -0.013 min  
Response: 2207371  
Conc: 21.13 ug/ml



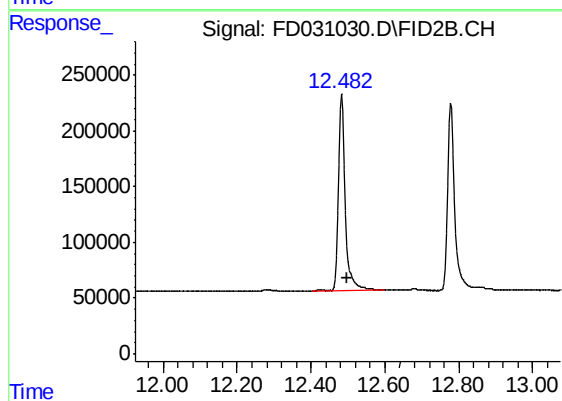
#10 Anthracene (C19.43)

R.T.: 10.754 min  
Delta R.T.: -0.013 min  
Response: 2177742  
Conc: 20.75 ug/ml



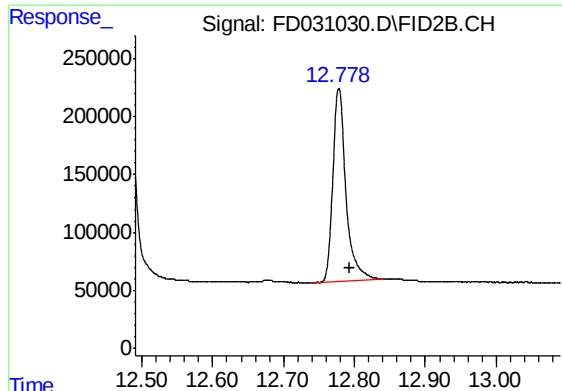
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min  
Delta R.T.: -0.011 min  
Response: 2245892  
Conc: 20.49 ug/ml



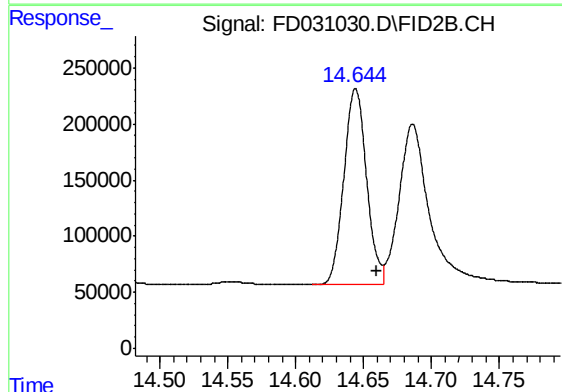
#12 Fluoranthene (C21.85)

R.T.: 12.483 min  
Delta R.T.: -0.015 min  
Response: 2240620  
Conc: 21.09 ug/ml



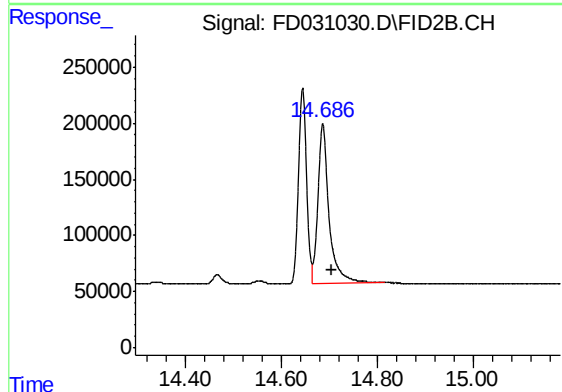
#13 Pyrene (C20.8)

R.T.: 12.778 min  
Delta R.T.: -0.016 min  
Response: 2141748  
Conc: 20.21 ug/ml



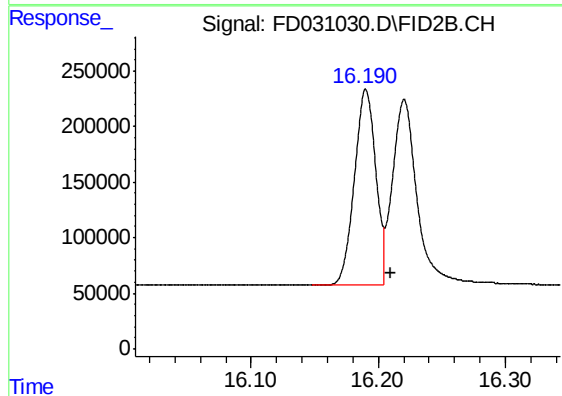
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min  
Delta R.T.: -0.015 min  
Response: 2030892  
Conc: 21.14 ug/ml



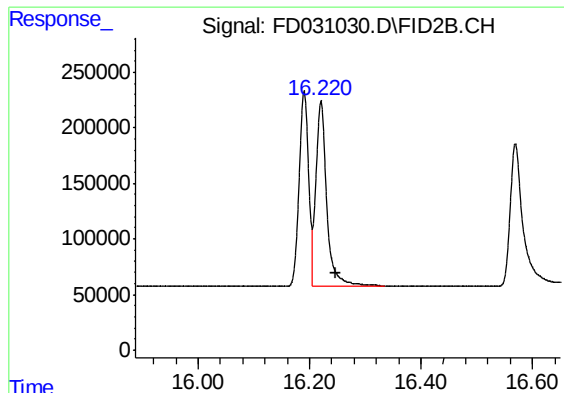
#15 Chrysene (C27.41)

R.T.: 14.686 min  
Delta R.T.: -0.020 min  
Response: 2287482  
Conc: 20.81 ug/ml



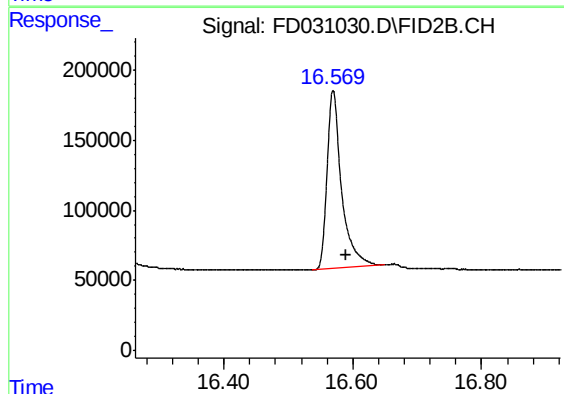
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min  
Delta R.T.: -0.020 min  
Response: 2024930  
Conc: 20.88 ug/ml m



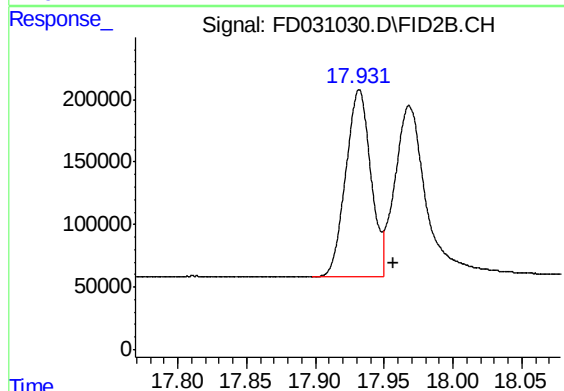
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min  
Delta R.T.: -0.026 min  
Response: 2256792  
Conc: 20.73 ug/ml



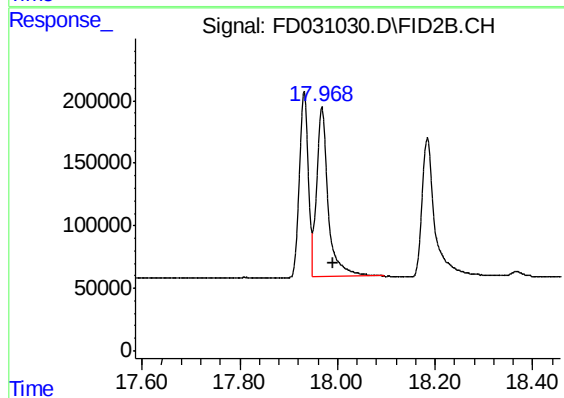
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min  
Delta R.T.: -0.020 min  
Response: 1982922  
Conc: 20.21 ug/ml



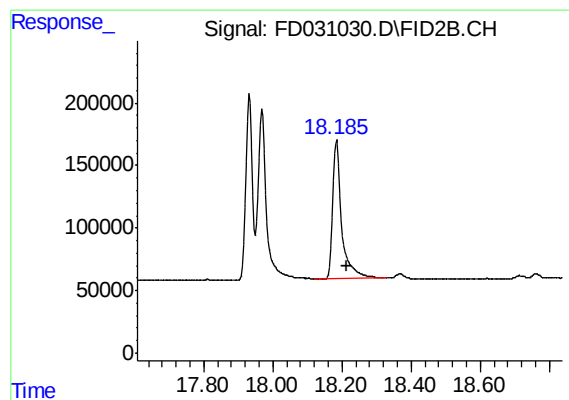
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.931 min  
Delta R.T.: -0.025 min  
Response: 1895165  
Conc: 20.97 ug/ml m



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

R.T.: 17.968 min  
Delta R.T.: -0.024 min  
Response: 2243992  
Conc: 21.86 ug/ml



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

R.T.: 18.184 min  
Delta R.T.: -0.030 min  
Response: 1994627  
Conc: 20.93 ug/ml