

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080619AR\  
 Data File : FD029933.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Aug 2019 17:17  
 Operator : DD\AJ  
 Sample : PB122005BS  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Aug 07 07:06:42 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071019.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 10 13:31:52 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...      | 7.674  | 4928966    | 31.148 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 62.30%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.537  | 2824452    | 26.294 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 52.59%       |
| 11) S ortho-Terphenyl (SURR)       | 11.574 | 4661551    | 27.468 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 54.94%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.475  | 3882117    | 22.961 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.014  | 4827935    | 26.977 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.065  | 5093913    | 28.875 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.341  | 5072925    | 29.966 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.637  | 5240403    | 29.740 ug/ml |
| 8) T Flouorene (C16.55)            | 9.417  | 5214954    | 29.845 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.811 | 5166635    | 29.794 ug/ml |
| 10) T Anthracene (C19.43)          | 10.887 | 5189024    | 30.690 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.620 | 5042396    | 29.445 ug/ml |
| 13) T Pyrene (C20.8)               | 12.918 | 4920427    | 28.925 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.783 | 4496243    | 28.842 ug/ml |
| 15) T Chrysene (C27.41)            | 14.829 | 5284657    | 33.906 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.364 | 4263766    | 29.199 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.364 | 4263766    | 29.481 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.707 | 4116897    | 29.359 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.070 | 4256115    | 33.407 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.108 | 4207102    | 33.640 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.326 | 4282557    | 34.331 ug/ml |
| -----                              |        |            |              |

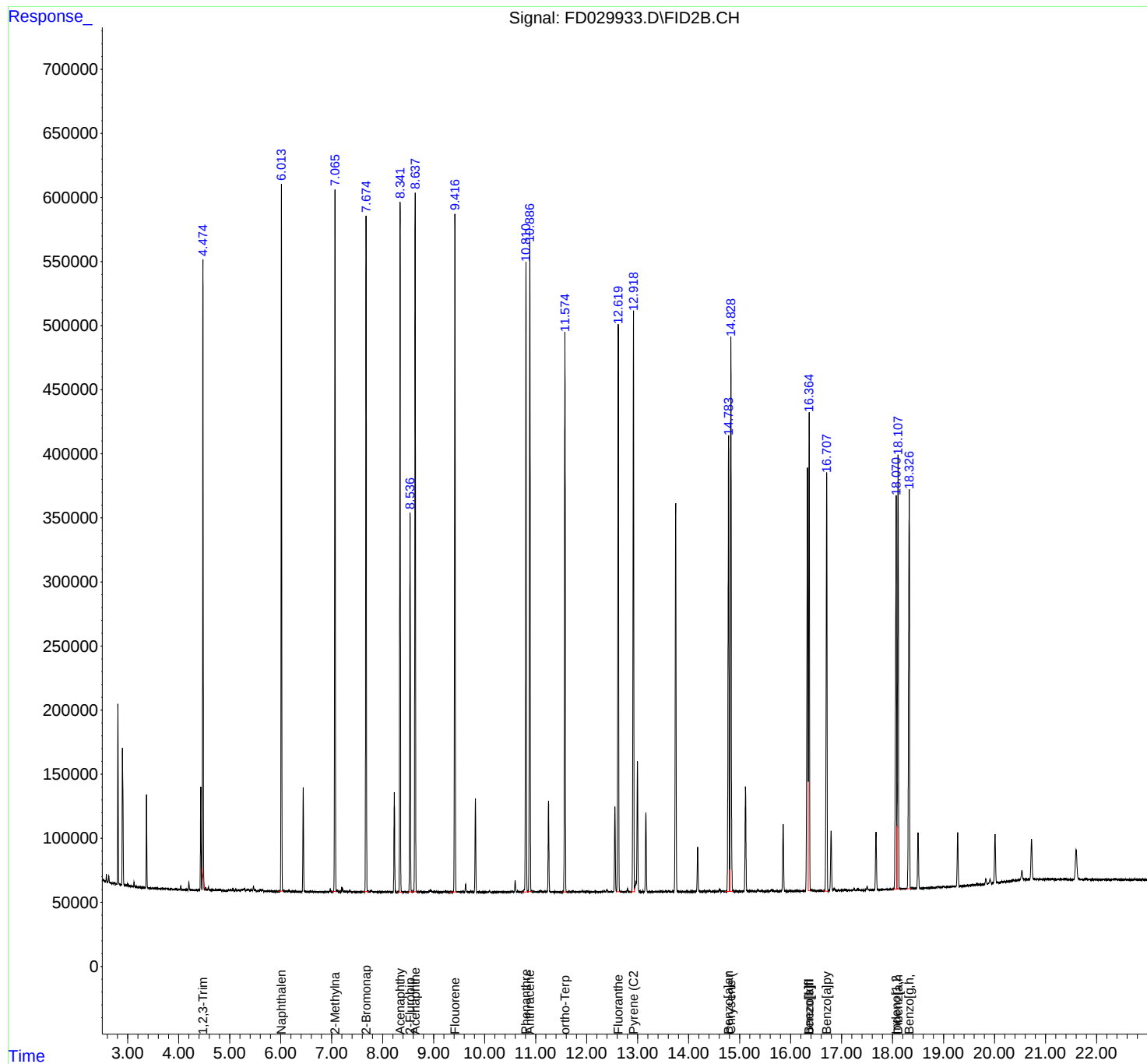
(f)=RT Delta > 1/2 Window

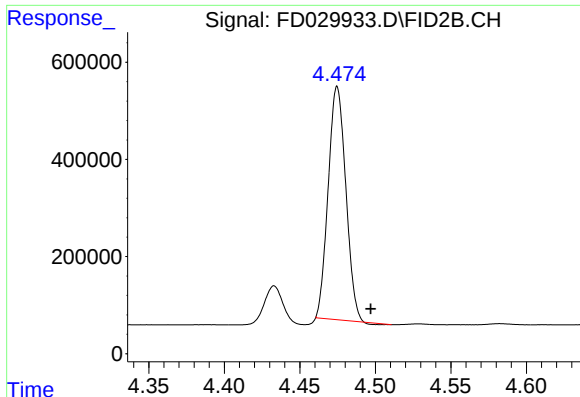
(m)=manual int.

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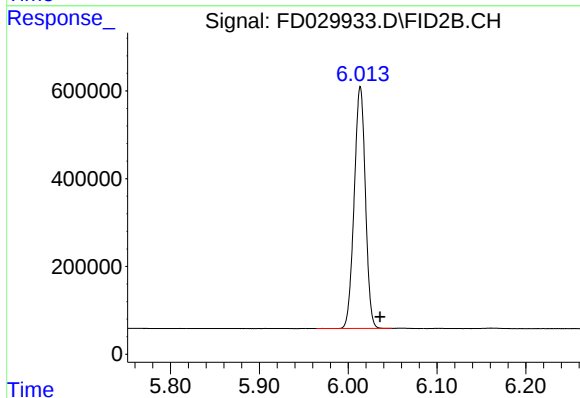
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





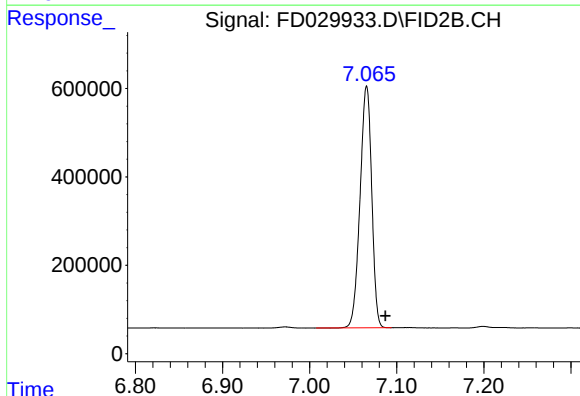
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.475 min  
Delta R.T.: -0.022 min  
Response: 3882117  
Conc: 22.96 ug/ml



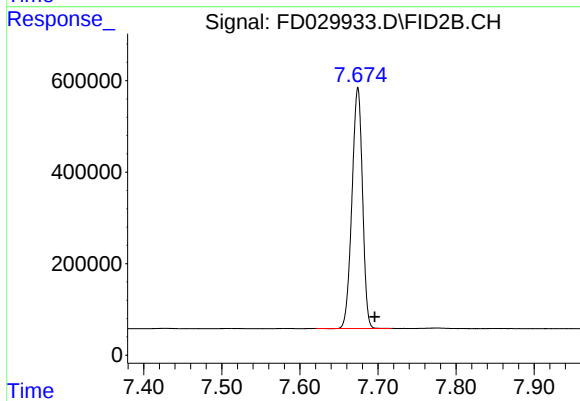
#2 Naphthalene (C11.7)

R.T.: 6.014 min  
Delta R.T.: -0.022 min  
Response: 4827935  
Conc: 26.98 ug/ml



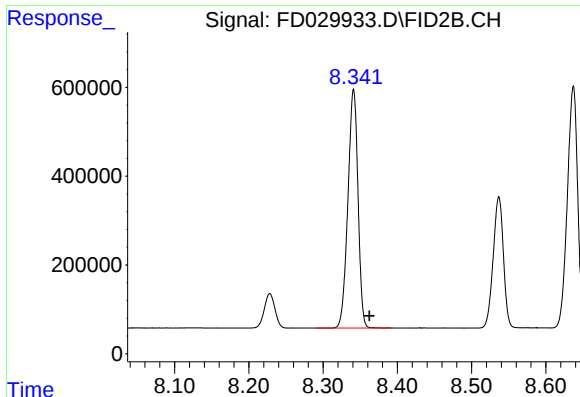
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min  
Delta R.T.: -0.022 min  
Response: 5093913  
Conc: 28.87 ug/ml



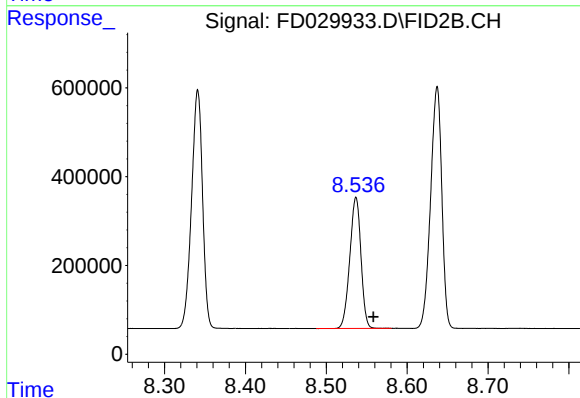
#4 2-Bromonaphthalene (SURR)

R.T.: 7.674 min  
Delta R.T.: -0.021 min  
Response: 4928966  
Conc: 31.15 ug/ml



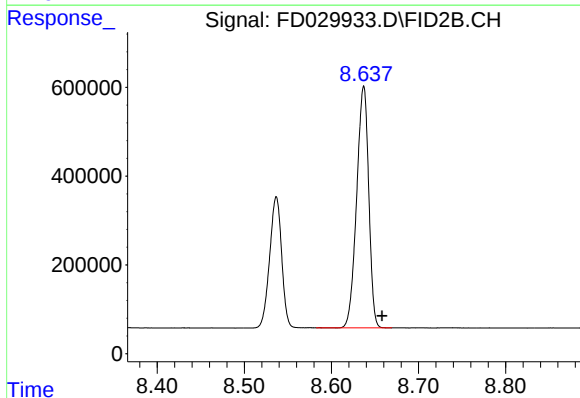
#5 Acenaphthylene (C15.06)

R.T.: 8.341 min  
Delta R.T.: -0.022 min  
Response: 5072925  
Conc: 29.97 ug/ml



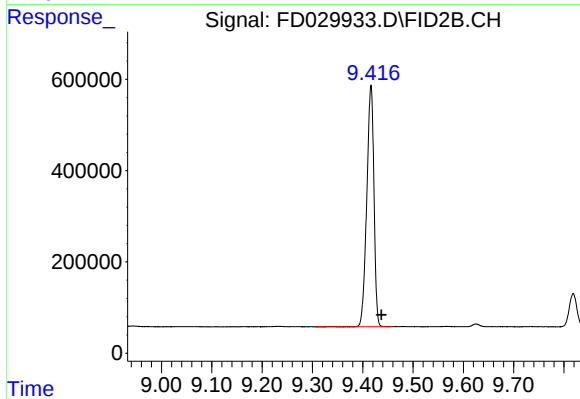
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.537 min  
Delta R.T.: -0.022 min  
Response: 2824452  
Conc: 26.29 ug/ml



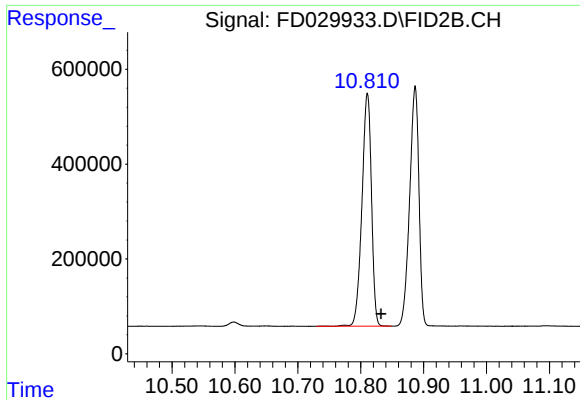
#7 Acenaphthene (C15.5)

R.T.: 8.637 min  
Delta R.T.: -0.021 min  
Response: 5240403  
Conc: 29.74 ug/ml



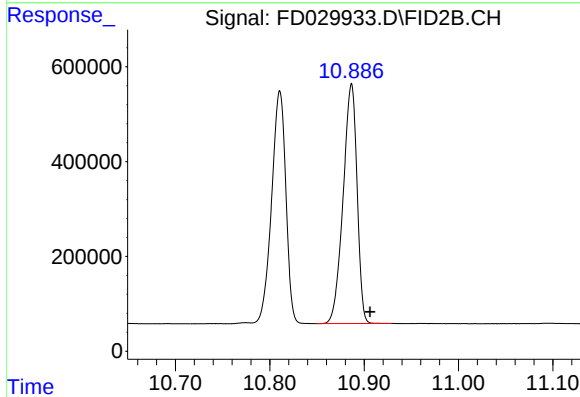
#8 Flouorene (C16.55)

R.T.: 9.417 min  
Delta R.T.: -0.021 min  
Response: 5214954  
Conc: 29.85 ug/ml



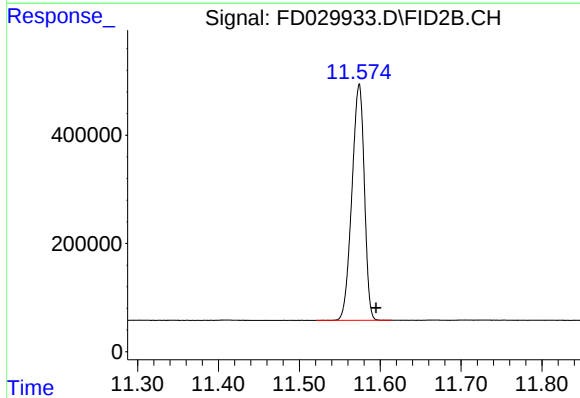
#9 Phenanthrene (C19.36)

R.T.: 10.811 min  
Delta R.T.: -0.022 min  
Response: 5166635  
Conc: 29.79 ug/ml



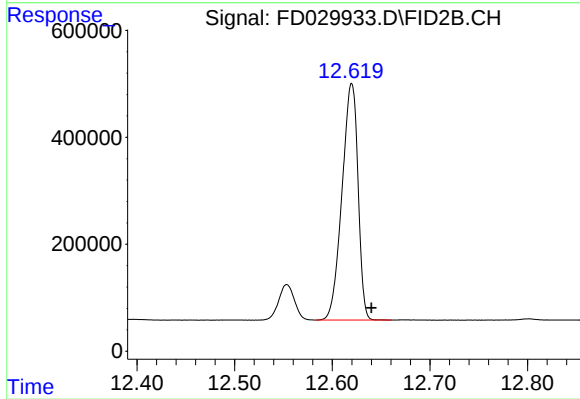
#10 Anthracene (C19.43)

R.T.: 10.887 min  
Delta R.T.: -0.020 min  
Response: 5189024  
Conc: 30.69 ug/ml



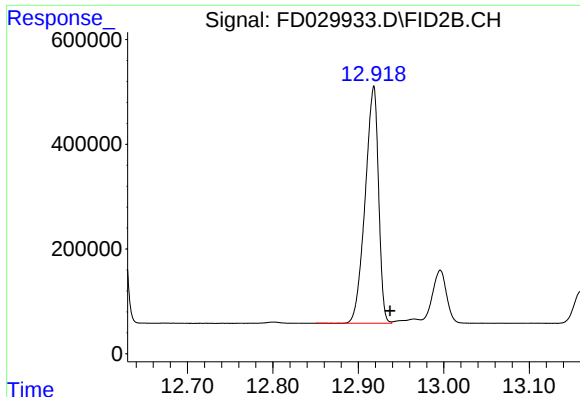
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min  
Delta R.T.: -0.021 min  
Response: 4661551  
Conc: 27.47 ug/ml



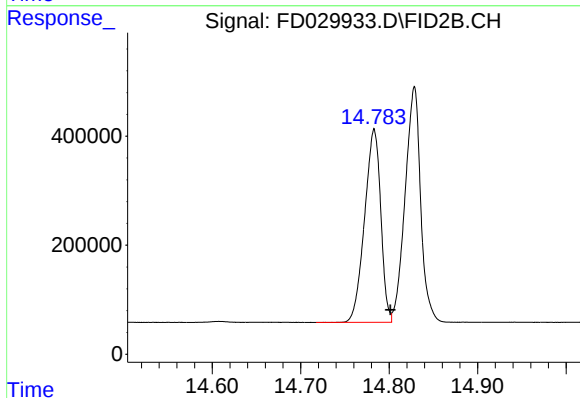
#12 Fluoranthene (C21.85)

R.T.: 12.620 min  
Delta R.T.: -0.020 min  
Response: 5042396  
Conc: 29.45 ug/ml



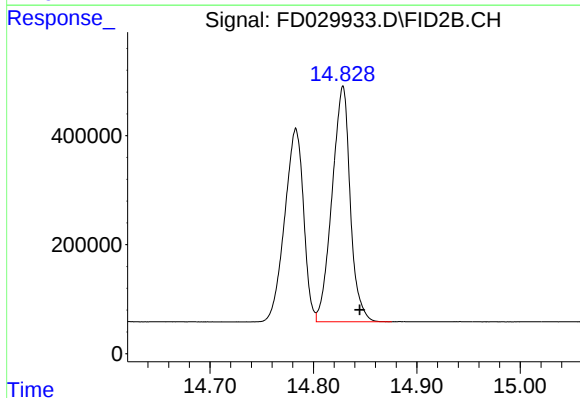
#13 Pyrene (C20.8)

R.T.: 12.918 min  
Delta R.T.: -0.019 min  
Response: 4920427  
Conc: 28.92 ug/ml



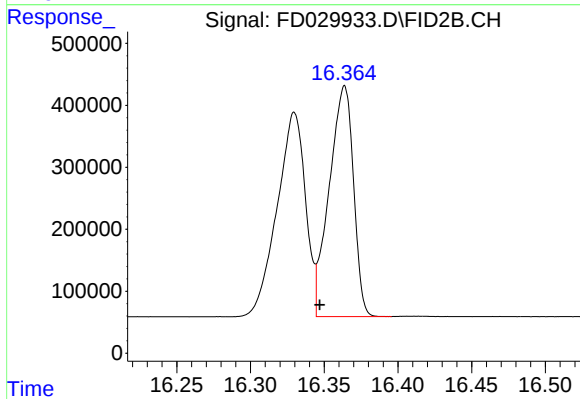
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min  
Delta R.T.: -0.018 min  
Response: 4496243  
Conc: 28.84 ug/ml



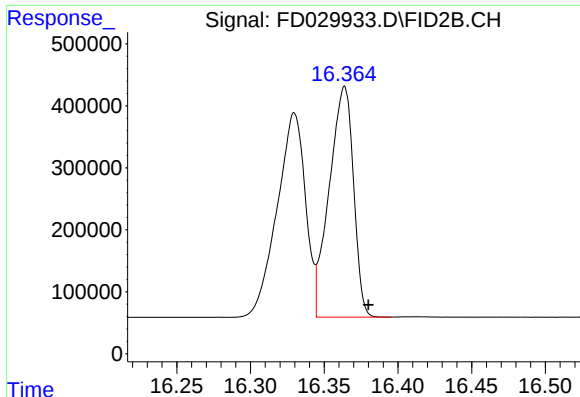
#15 Chrysene (C27.41)

R.T.: 14.829 min  
Delta R.T.: -0.016 min  
Response: 5284657  
Conc: 33.91 ug/ml



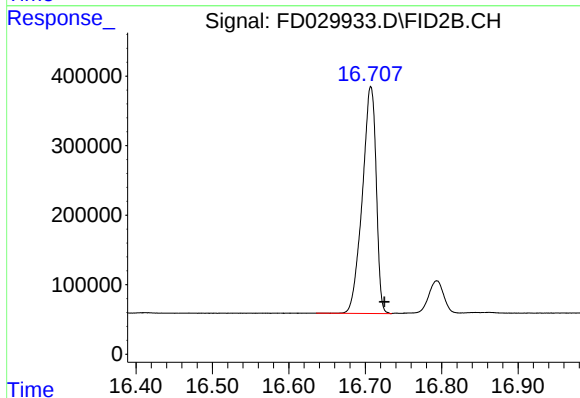
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.364 min  
Delta R.T.: 0.017 min  
Response: 4263766  
Conc: 29.20 ug/ml



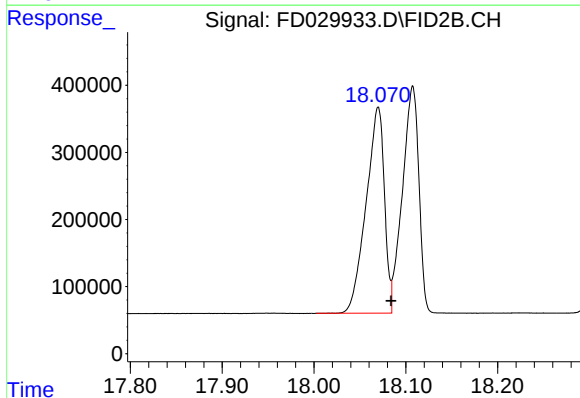
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.364 min  
Delta R.T.: -0.016 min  
Response: 4263766  
Conc: 29.48 ug/ml



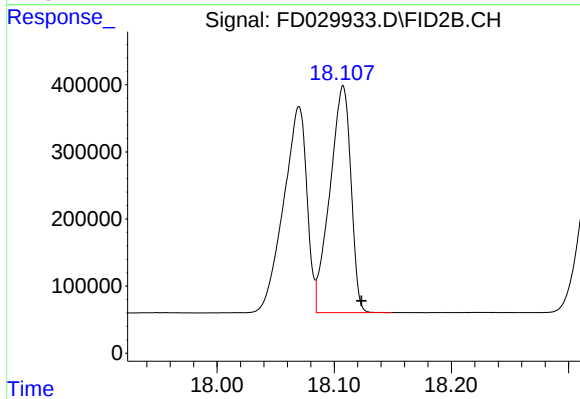
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.707 min  
Delta R.T.: -0.018 min  
Response: 4116897  
Conc: 29.36 ug/ml



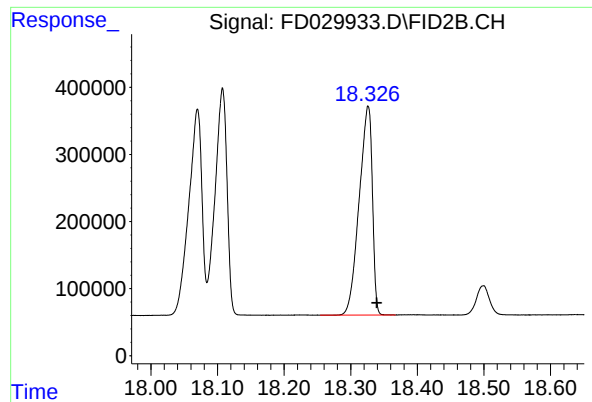
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.070 min  
Delta R.T.: -0.014 min  
Response: 4256115  
Conc: 33.41 ug/ml



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

R.T.: 18.108 min  
Delta R.T.: -0.016 min  
Response: 4207102  
Conc: 33.64 ug/ml



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

R.T.: 18.326 min  
Delta R.T.: -0.013 min  
Response: 4282557  
Conc: 34.33 ug/ml