

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110618AR\  
 Data File : FD026384.D  
 Signal(s) : FID2B.CH  
 Acq On : 07 Nov 2018 10:12  
 Operator : AJ\SJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Nov 07 10:38:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 101718.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 18 11:23:05 2018  
 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...      | 7.400  | 1447590    | 19.581 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.16%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.252  | 1017838    | 19.828 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.66%       |
| 11) S ortho-Terphenyl (SURR)       | 11.294 | 1597949    | 20.228 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.46%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.202  | 1569986    | 19.625 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.735  | 1691504    | 19.683 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.786  | 1653109    | 19.674 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.056  | 1606386    | 19.776 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.350  | 1678733    | 19.814 ug/ml |
| 8) T Fluorene (C16.55)             | 9.129  | 1665907    | 19.758 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.520 | 1691200    | 20.058 ug/ml |
| 10) T Anthracene (C19.43)          | 10.593 | 1645653    | 20.010 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.325 | 1758412    | 20.663 ug/ml |
| 13) T Pyrene (C20.8)               | 12.618 | 1776444    | 20.726 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.529 | 1740530    | 20.922 ug/ml |
| 15) T Chrysene (C27.41)            | 14.529 | 1740530    | 20.718 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.067 | 1808740    | 20.213 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.067 | 1808740    | 20.291 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.410 | 1788445    | 19.834 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.771 | 1715146    | 18.301 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.814 | 1689844    | 18.647 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.024 | 1763150    | 18.319 ug/ml |
| -----                              |        |            |              |

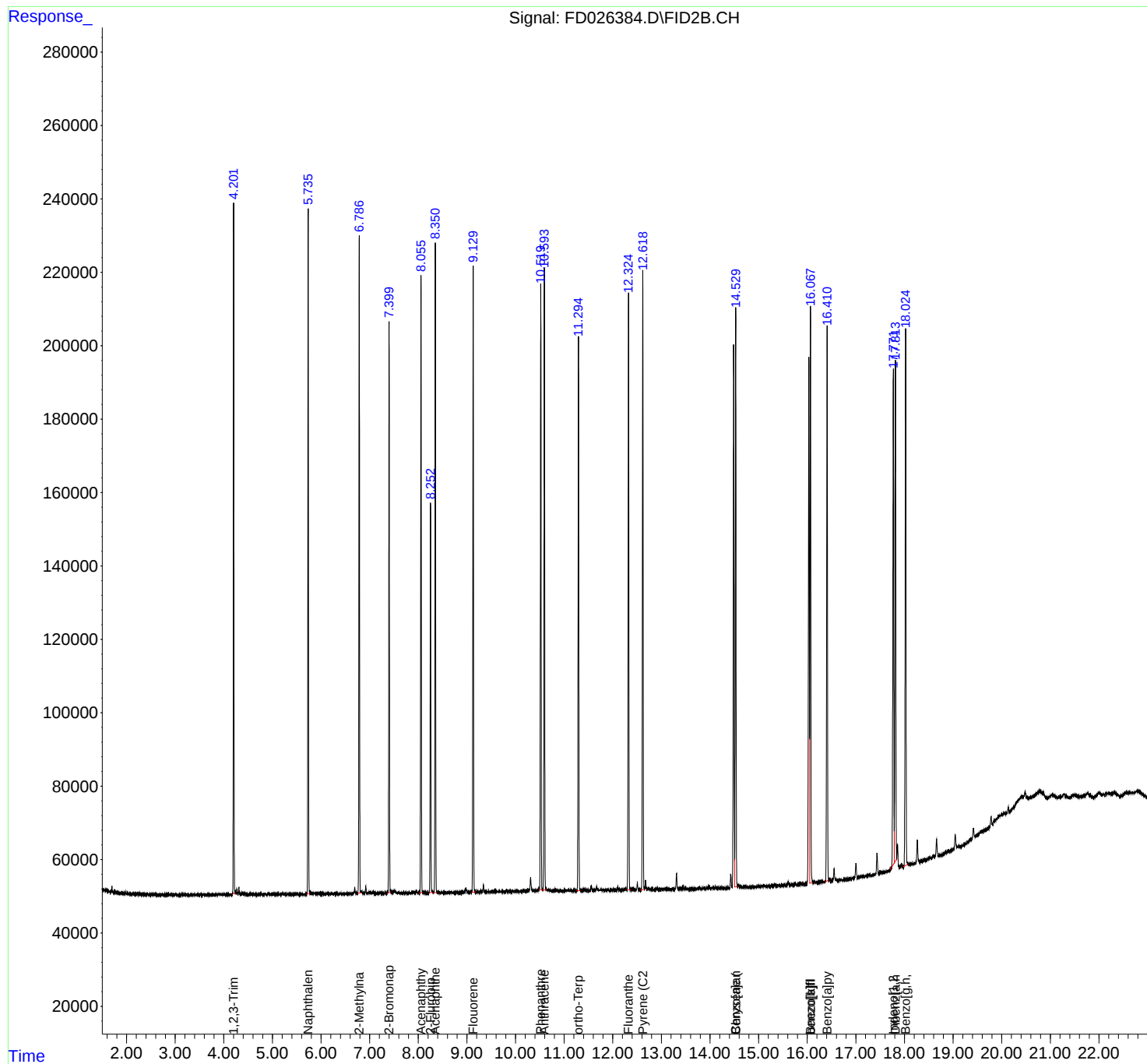
(f)=RT Delta > 1/2 Window

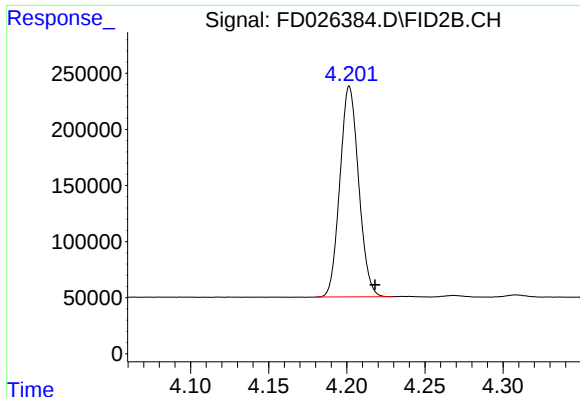
(m)=manual int.

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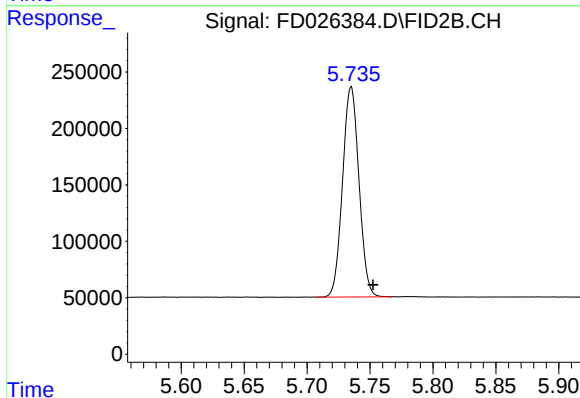
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





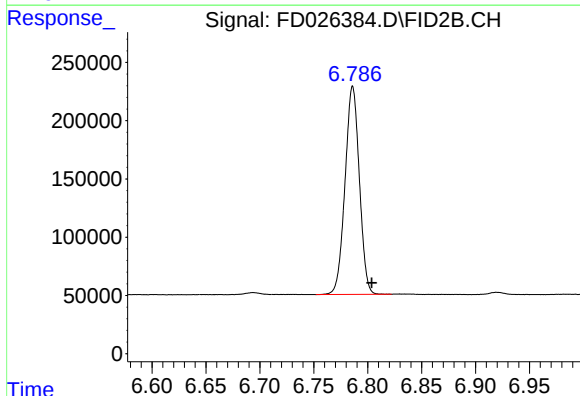
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.202 min  
Delta R.T.: -0.016 min  
Response: 1569986  
Conc: 19.62 ug/ml



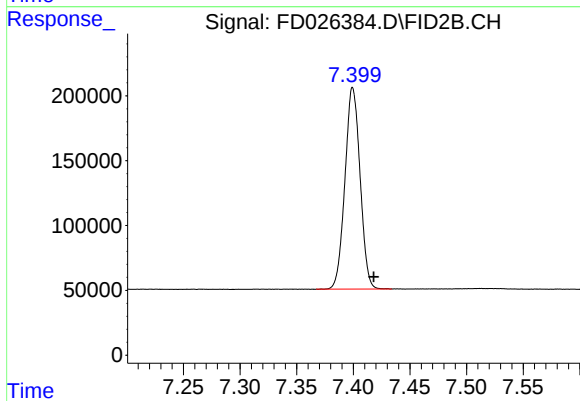
#2 Naphthalene (C11.7)

R.T.: 5.735 min  
Delta R.T.: -0.017 min  
Response: 1691504  
Conc: 19.68 ug/ml



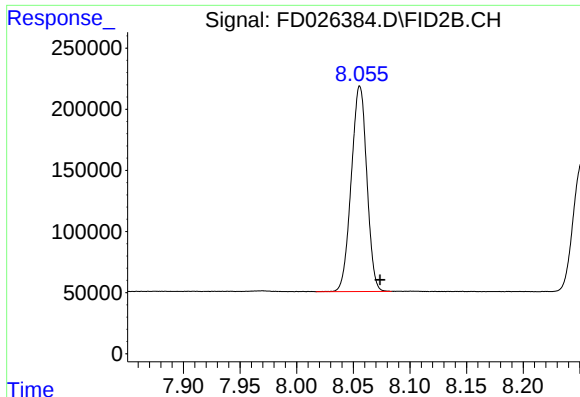
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min  
Delta R.T.: -0.018 min  
Response: 1653109  
Conc: 19.67 ug/ml



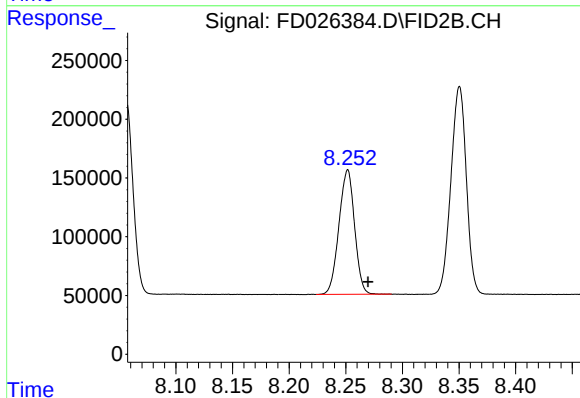
#4 2-Bromonaphthalene (SURR)

R.T.: 7.400 min  
Delta R.T.: -0.019 min  
Response: 1447590  
Conc: 19.58 ug/ml



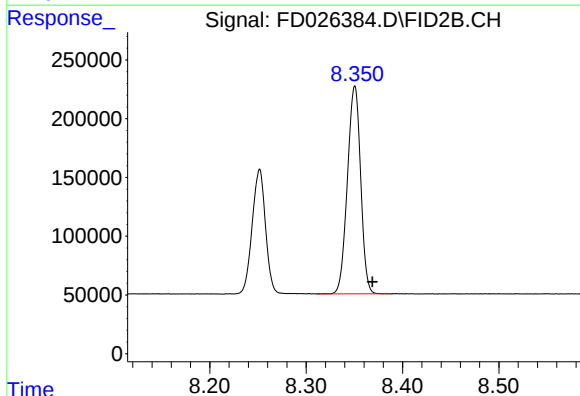
#5 Acenaphthylene (C15.06)

R.T.: 8.056 min  
Delta R.T.: -0.018 min  
Response: 1606386  
Conc: 19.78 ug/ml



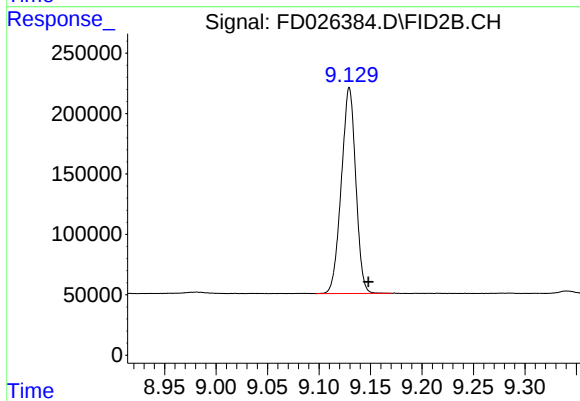
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.252 min  
Delta R.T.: -0.018 min  
Response: 1017838  
Conc: 19.83 ug/ml



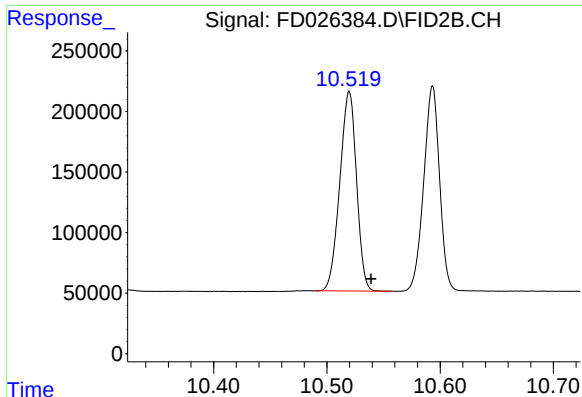
#7 Acenaphthene (C15.5)

R.T.: 8.350 min  
Delta R.T.: -0.018 min  
Response: 1678733  
Conc: 19.81 ug/ml



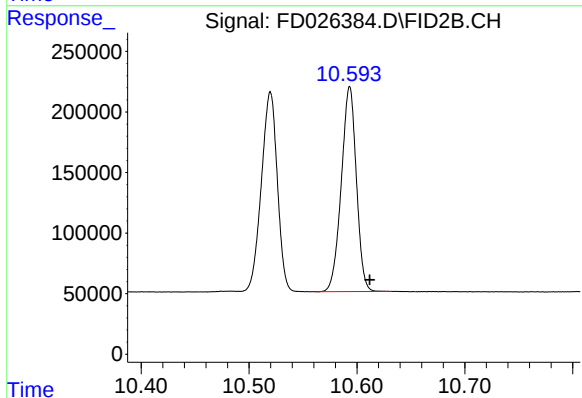
#8 Fluorene (C16.55)

R.T.: 9.129 min  
Delta R.T.: -0.019 min  
Response: 1665907  
Conc: 19.76 ug/ml



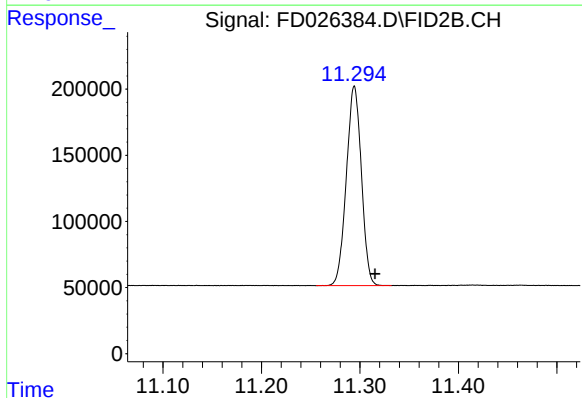
#9 Phenanthrene (C19.36)

R.T.: 10.520 min  
Delta R.T.: -0.019 min  
Response: 1691200  
Conc: 20.06 ug/ml



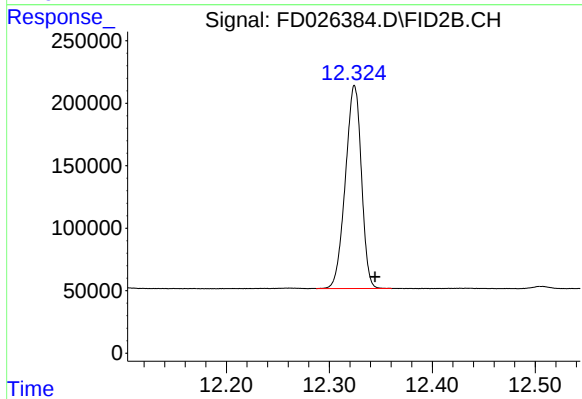
#10 Anthracene (C19.43)

R.T.: 10.593 min  
Delta R.T.: -0.019 min  
Response: 1645653  
Conc: 20.01 ug/ml



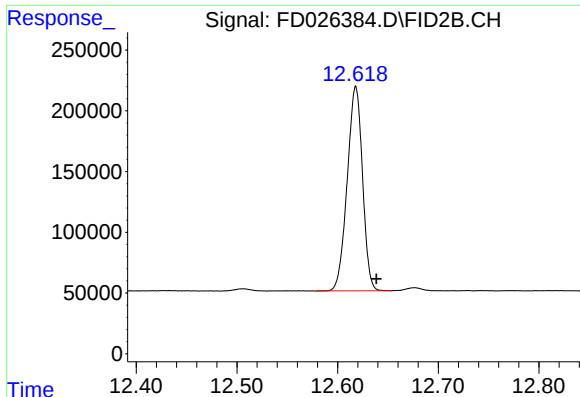
#11 ortho-Terphenyl (SURR)

R.T.: 11.294 min  
Delta R.T.: -0.021 min  
Response: 1597949  
Conc: 20.23 ug/ml



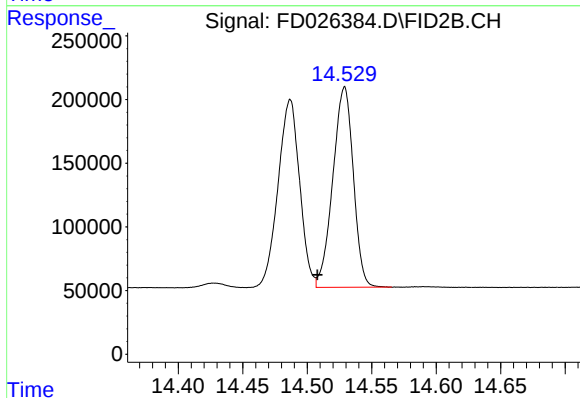
#12 Fluoranthene (C21.85)

R.T.: 12.325 min  
Delta R.T.: -0.020 min  
Response: 1758412  
Conc: 20.66 ug/ml



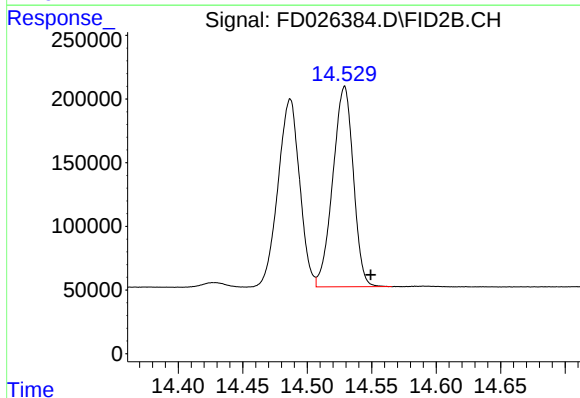
#13 Pyrene (C20.8)

R.T.: 12.618 min  
Delta R.T.: -0.020 min  
Response: 1776444  
Conc: 20.73 ug/ml



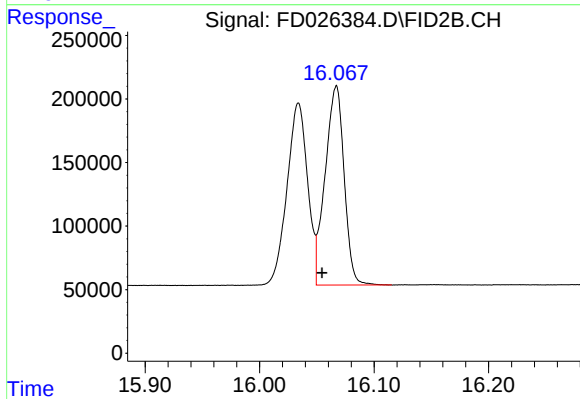
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min  
Delta R.T.: 0.021 min  
Response: 1740530  
Conc: 20.92 ug/ml



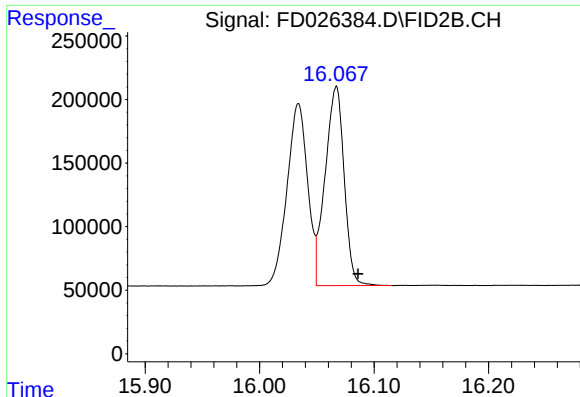
#15 Chrysene (C27.41)

R.T.: 14.529 min  
Delta R.T.: -0.020 min  
Response: 1740530  
Conc: 20.72 ug/ml



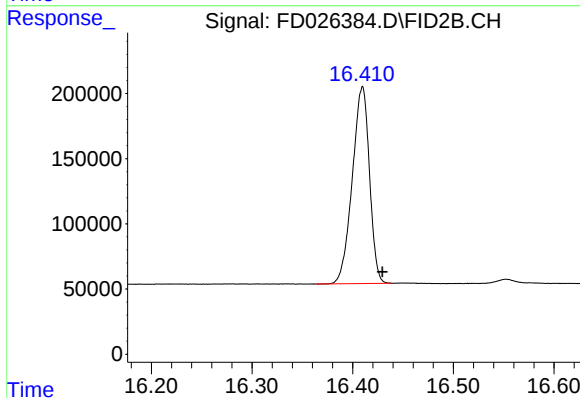
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.067 min  
Delta R.T.: 0.012 min  
Response: 1808740  
Conc: 20.21 ug/ml



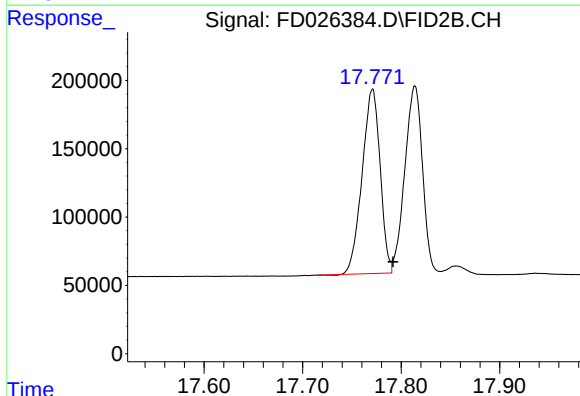
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.067 min  
Delta R.T.: -0.019 min  
Response: 1808740  
Conc: 20.29 ug/ml



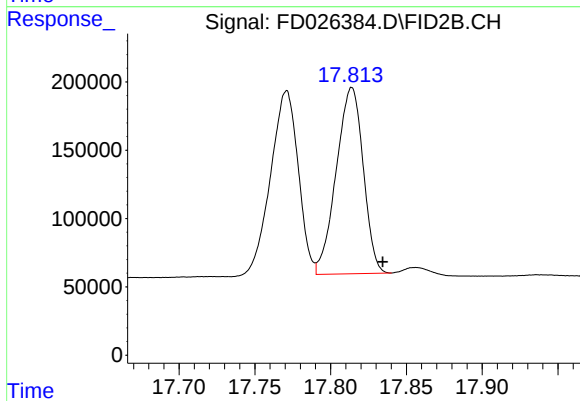
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.410 min  
Delta R.T.: -0.020 min  
Response: 1788445  
Conc: 19.83 ug/ml



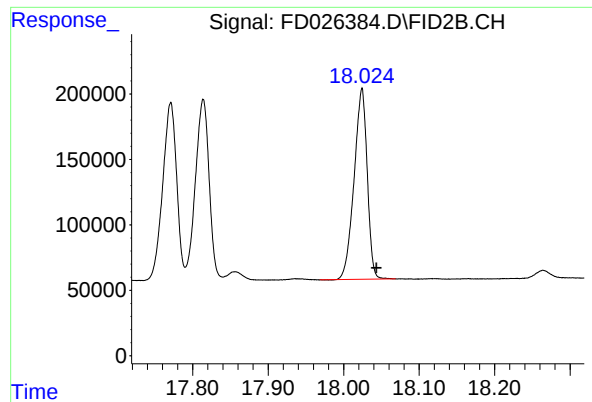
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min  
Delta R.T.: -0.021 min  
Response: 1715146  
Conc: 18.30 ug/ml



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

R.T.: 17.814 min  
Delta R.T.: -0.020 min  
Response: 1689844  
Conc: 18.65 ug/ml



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

R.T.: 18.024 min  
Delta R.T.: -0.019 min  
Response: 1763150  
Conc: 18.32 ug/ml