

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090319AR\  
 Data File : FD030481.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Sep 2019 8:32  
 Operator : DD\AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 04 11:31:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 11:30:16 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...      | 7.610  | 1590301    | 9.606 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 19.21%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.472  | 1074145    | 9.552 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 19.10%      |
| 11) S ortho-Terphenyl (SURR)       | 11.504 | 1687764    | 9.666 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 19.33%      |
| Target Compounds                   |        |            |             |
| 1) T 1,2,3-Trimethylbenzen...      | 4.417  | 1769866    | 9.702 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.952  | 1817287    | 9.567 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.002  | 1786437    | 9.553 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.275  | 1721809    | 9.672 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.569  | 1779236    | 9.622 ug/ml |
| 8) T Flouorene (C16.55)            | 9.348  | 1746979    | 9.589 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.741 | 1729842    | 9.571 ug/ml |
| 10) T Anthracene (C19.43)          | 10.815 | 1687709    | 9.612 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.547 | 1706935    | 9.585 ug/ml |
| 13) T Pyrene (C20.8)               | 12.844 | 1696859    | 9.625 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.709 | 1586245    | 9.591 ug/ml |
| 15) T Chrysene (C27.41)            | 14.750 | 1609076    | 9.666 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.254 | 1526577    | 9.621 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.285 | 1542368    | 9.735 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.632 | 1502579    | 9.675 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.992 | 1385901    | 9.660 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.030 | 1422423    | 9.911 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.244 | 1378261    | 9.730 ug/ml |
| -----                              |        |            |             |

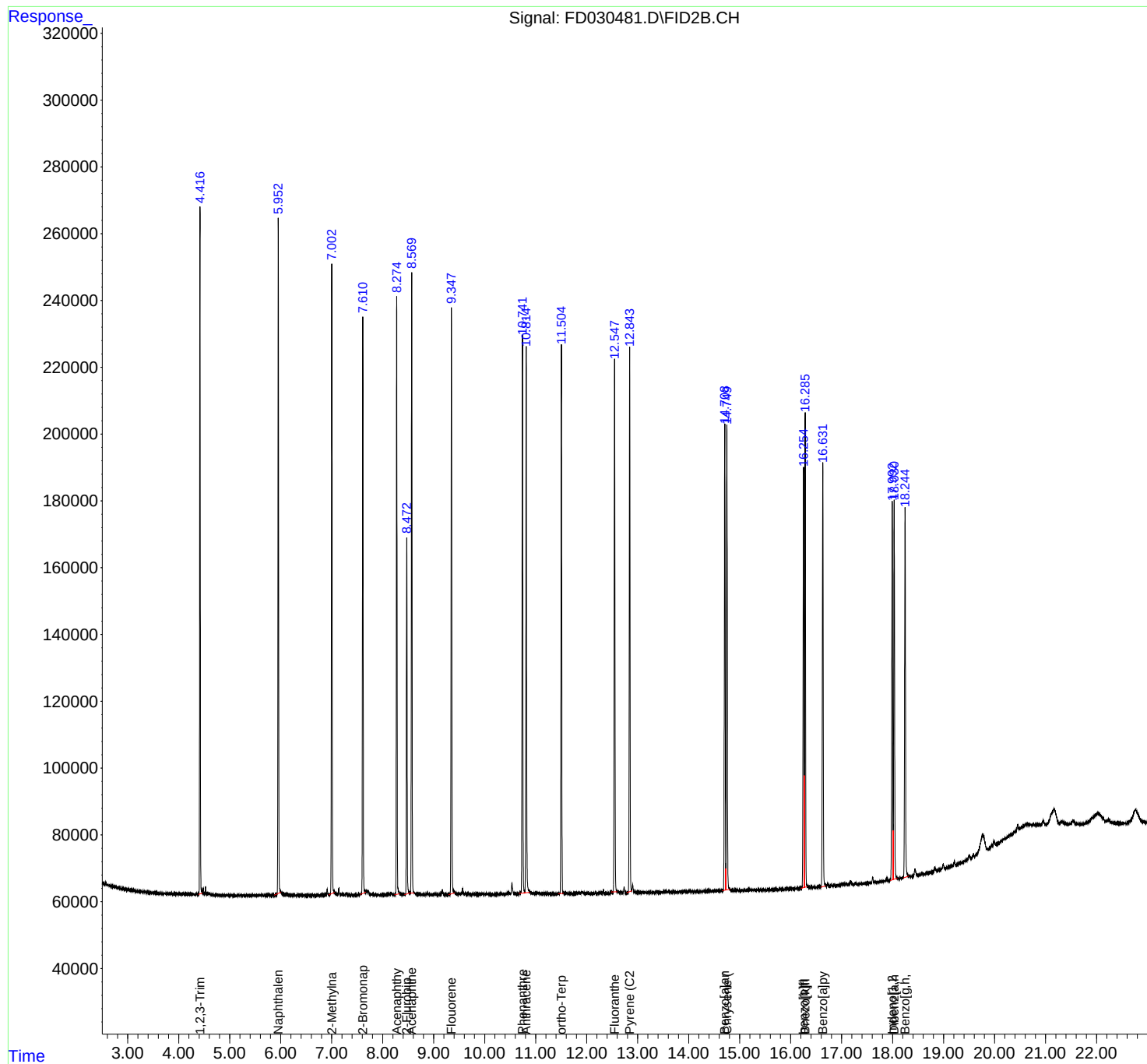
(f)=RT Delta > 1/2 Window

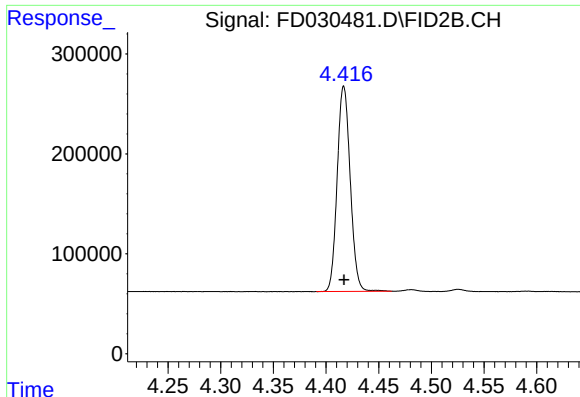
(m)=manual int.

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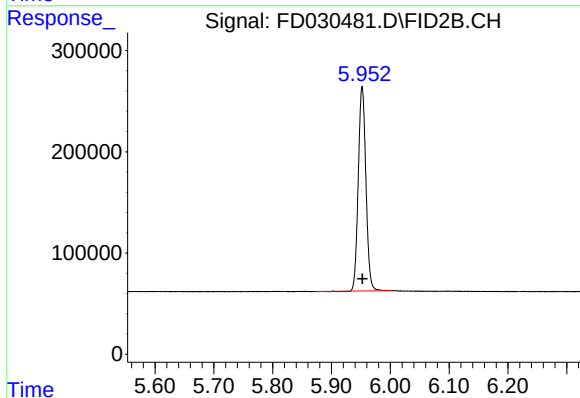
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





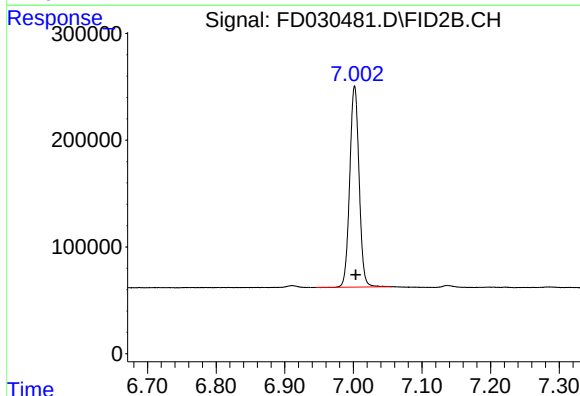
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.417 min  
Delta R.T.: 0.000 min  
Response: 1769866  
Conc: 9.70 ug/ml



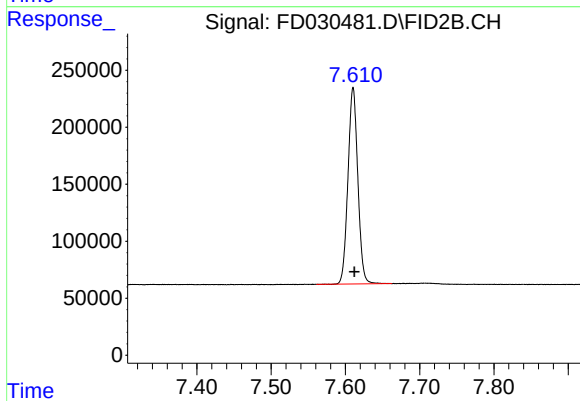
#2 Naphthalene (C11.7)

R.T.: 5.952 min  
Delta R.T.: 0.000 min  
Response: 1817287  
Conc: 9.57 ug/ml



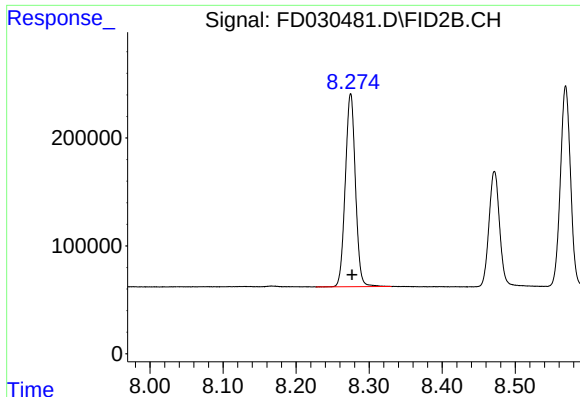
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.002 min  
Delta R.T.: -0.002 min  
Response: 1786437  
Conc: 9.55 ug/ml



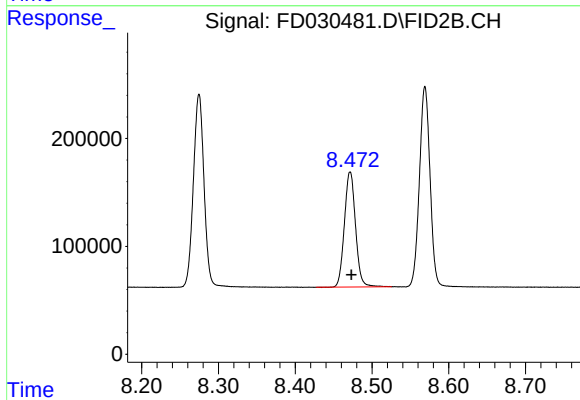
#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min  
Delta R.T.: -0.002 min  
Response: 1590301  
Conc: 9.61 ug/ml



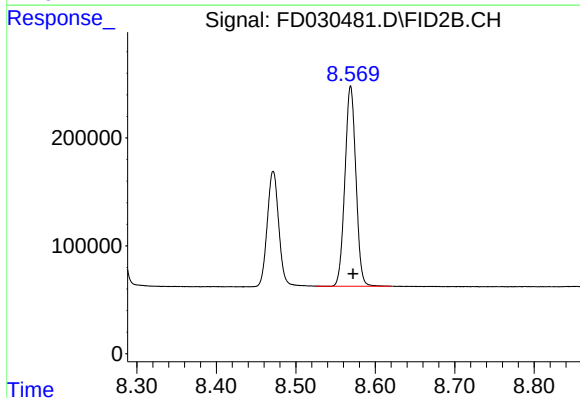
#5 Acenaphthylene (C15.06)

R.T.: 8.275 min  
Delta R.T.: -0.002 min  
Response: 1721809  
Conc: 9.67 ug/ml



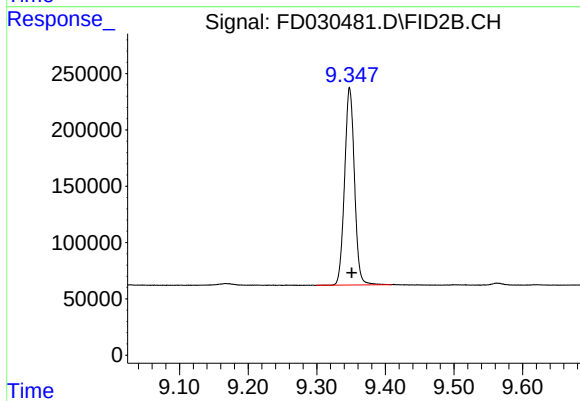
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.472 min  
Delta R.T.: -0.002 min  
Response: 1074145  
Conc: 9.55 ug/ml



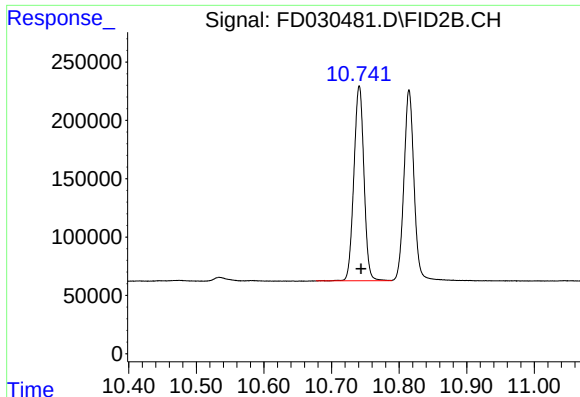
#7 Acenaphthene (C15.5)

R.T.: 8.569 min  
Delta R.T.: -0.003 min  
Response: 1779236  
Conc: 9.62 ug/ml



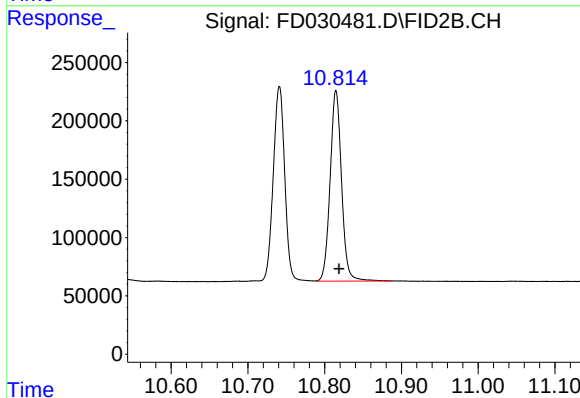
#8 Fluorene (C16.55)

R.T.: 9.348 min  
Delta R.T.: -0.003 min  
Response: 1746979  
Conc: 9.59 ug/ml



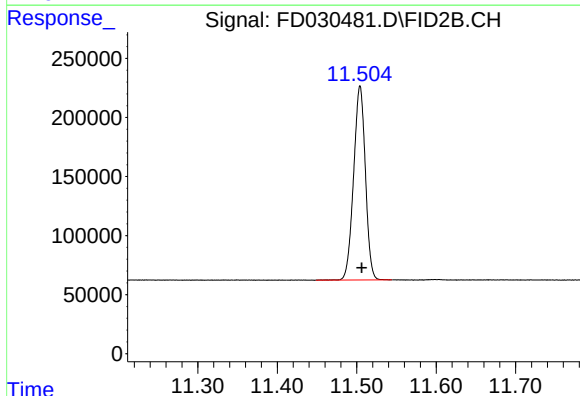
#9 Phenanthrene (C19.36)

R.T.: 10.741 min  
Delta R.T.: -0.002 min  
Response: 1729842  
Conc: 9.57 ug/ml



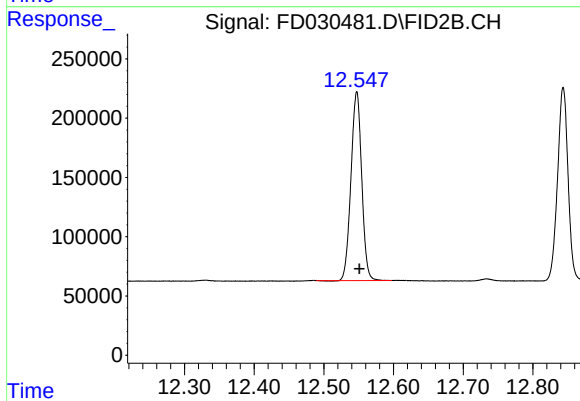
#10 Anthracene (C19.43)

R.T.: 10.815 min  
Delta R.T.: -0.004 min  
Response: 1687709  
Conc: 9.61 ug/ml



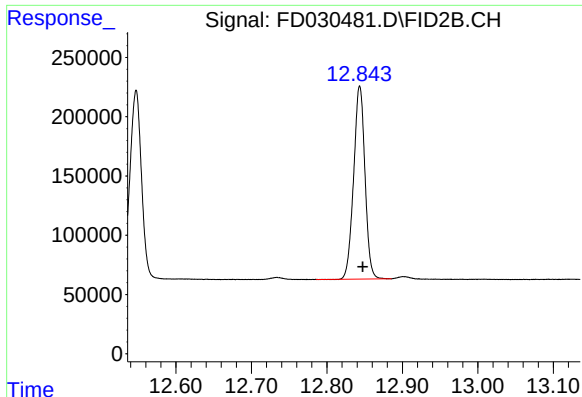
#11 ortho-Terphenyl (SURR)

R.T.: 11.504 min  
Delta R.T.: -0.002 min  
Response: 1687764  
Conc: 9.67 ug/ml



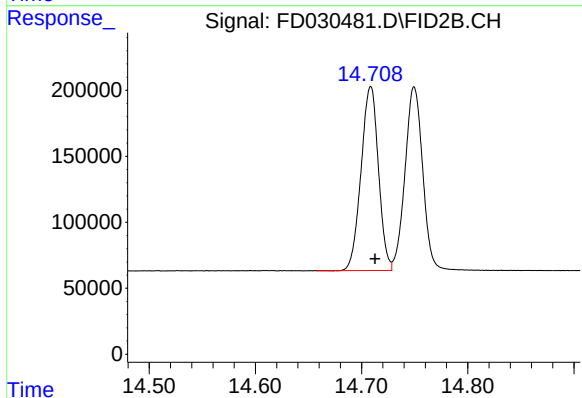
#12 Fluoranthene (C21.85)

R.T.: 12.547 min  
Delta R.T.: -0.004 min  
Response: 1706935  
Conc: 9.58 ug/ml



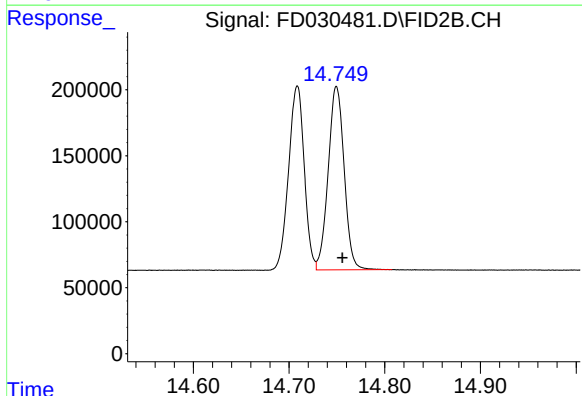
#13 Pyrene (C20.8)

R.T.: 12.844 min  
Delta R.T.: -0.004 min  
Response: 1696859  
Conc: 9.62 ug/ml



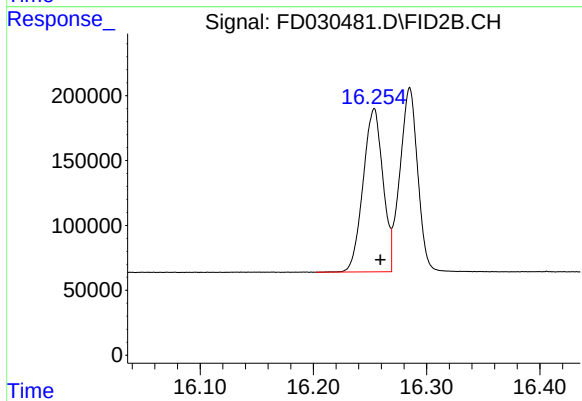
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min  
Delta R.T.: -0.004 min  
Response: 1586245  
Conc: 9.59 ug/ml



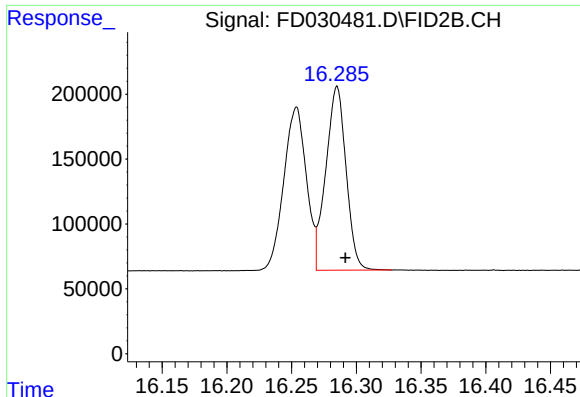
#15 Chrysene (C27.41)

R.T.: 14.750 min  
Delta R.T.: -0.006 min  
Response: 1609076  
Conc: 9.67 ug/ml



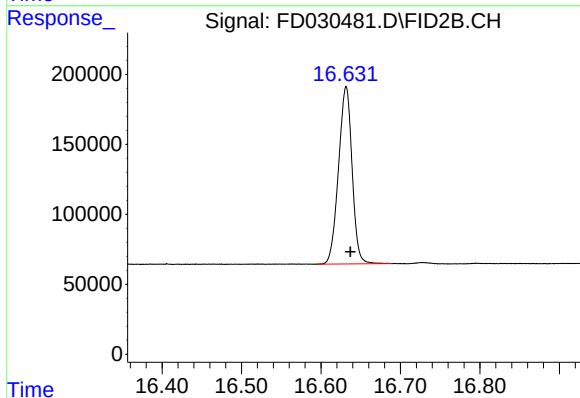
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.254 min  
Delta R.T.: -0.005 min  
Response: 1526577  
Conc: 9.62 ug/ml



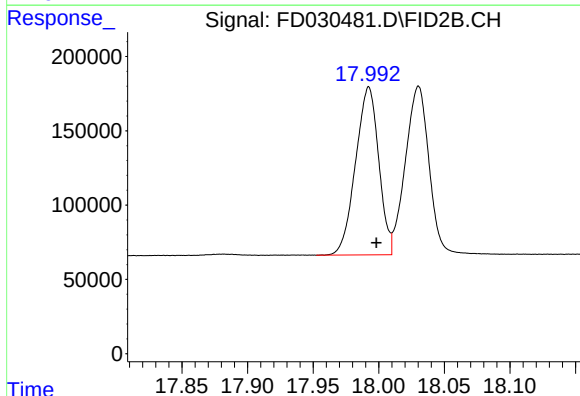
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min  
Delta R.T.: -0.006 min  
Response: 1542368  
Conc: 9.74 ug/ml



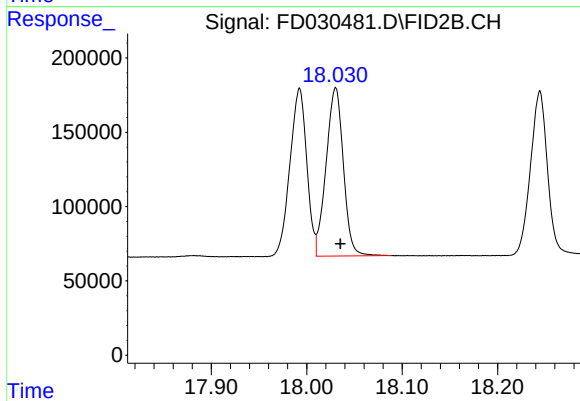
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min  
Delta R.T.: -0.005 min  
Response: 1502579  
Conc: 9.67 ug/ml



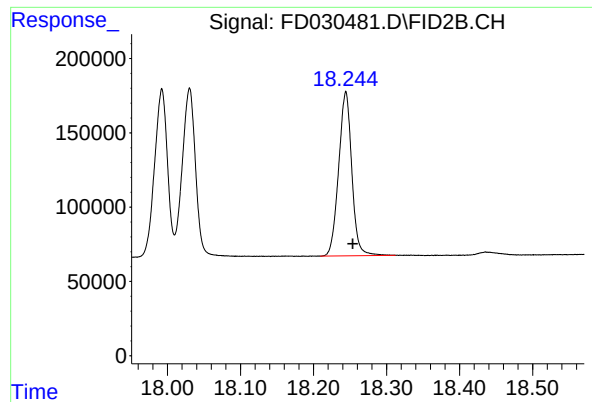
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min  
Delta R.T.: -0.006 min  
Response: 1385901  
Conc: 9.66 ug/ml



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

R.T.: 18.030 min  
Delta R.T.: -0.005 min  
Response: 1422423  
Conc: 9.91 ug/ml



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

R.T.: 18.244 min  
Delta R.T.: -0.009 min  
Response: 1378261  
Conc: 9.73 ug/ml