

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030424AR\  
 Data File : FD047378.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Mar 2024 11:48  
 Operator : YP/AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 04 12:28:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 030424.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 04 12:28:21 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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...      | 7.461  | 1706171    | 10.500 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.00%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.314  | 1086165    | 10.232 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 20.46%       |
| 11) S ortho-Terphenyl (SURR)       | 11.348 | 1934080    | 10.572 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 21.14%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.277  | 1842856    | 10.615 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.802  | 1882810    | 10.499 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 1879993    | 10.478 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.117  | 1734005    | 10.582 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.410  | 1823692    | 10.543 ug/ml |
| 8) T Flouorene (C16.55)            | 9.189  | 1729611    | 10.378 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.576 | 1659658    | 10.331 ug/ml |
| 10) T Anthracene (C19.43)          | 10.651 | 1517582    | 10.307 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.378 | 1631070    | 10.356 ug/ml |
| 13) T Pyrene (C20.8)               | 12.672 | 1588466    | 10.400 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.535 | 1375052    | 10.144 ug/ml |
| 15) T Chrysene (C27.41)            | 14.576 | 1522650    | 10.505 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.076 | 1439172    | 10.345 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.106 | 1465741    | 10.590 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.451 | 1420058    | 10.447 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.808 | 1230062    | 9.685 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.850 | 1403558    | 10.874 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.057 | 1386633    | 10.435 ug/ml |
| -----                              |        |            |              |

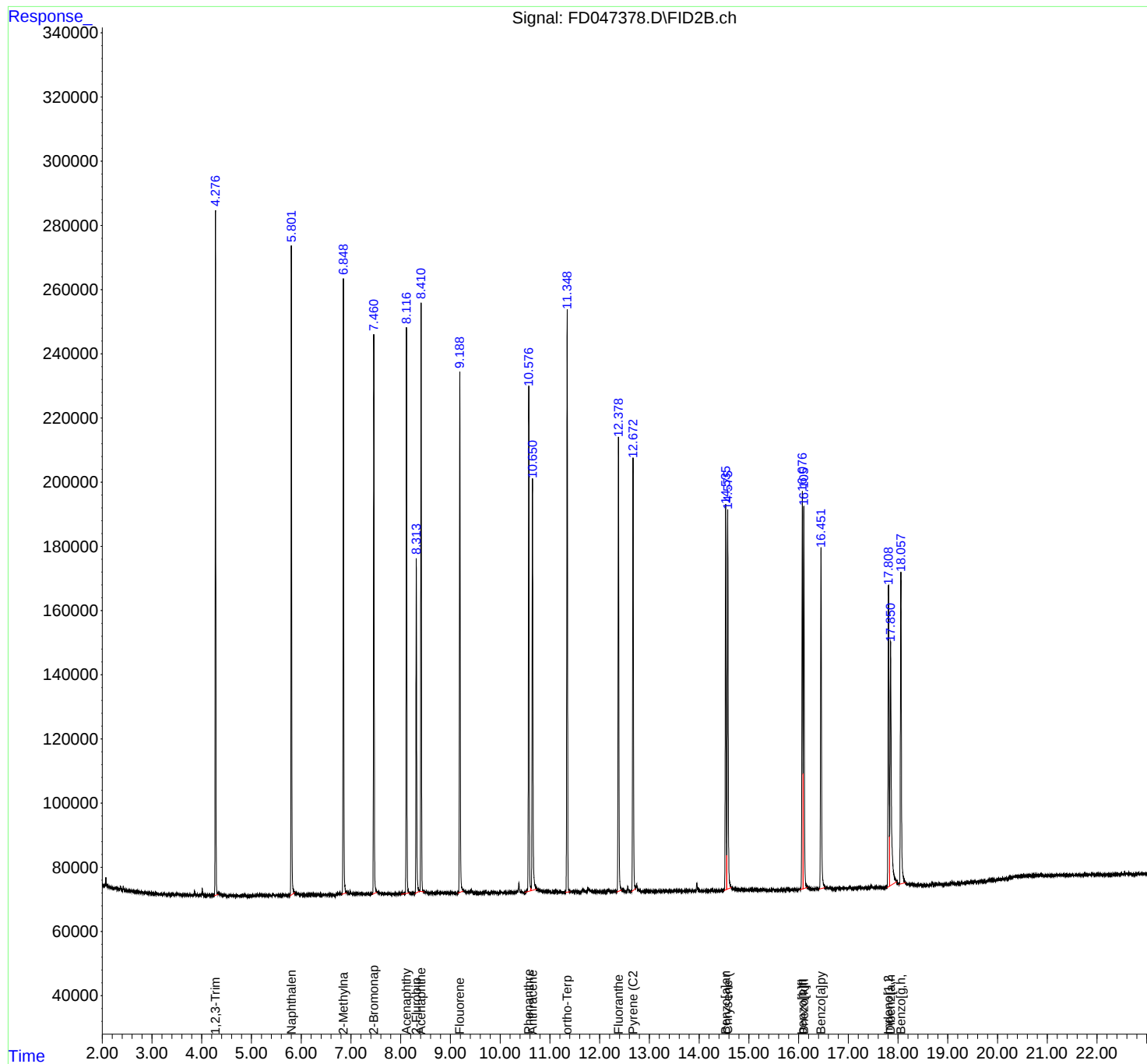
(f)=RT Delta > 1/2 Window

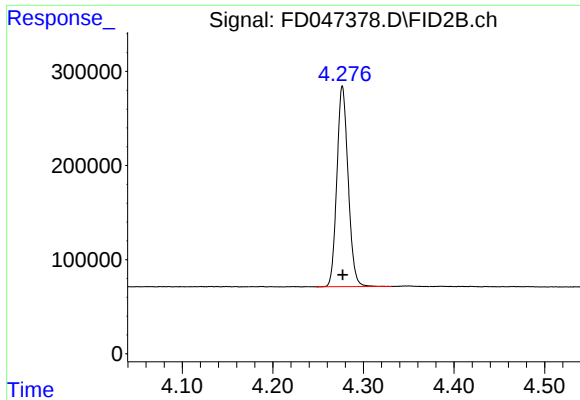
(m)=manual int.

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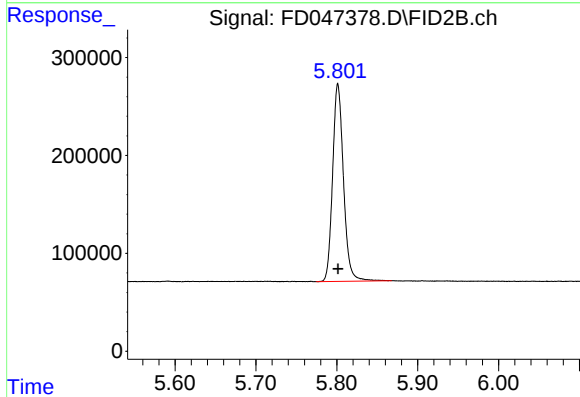
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





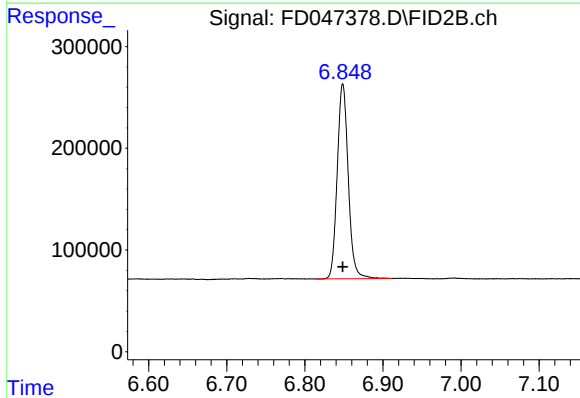
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 1842856  
Conc: 10.62 ug/ml



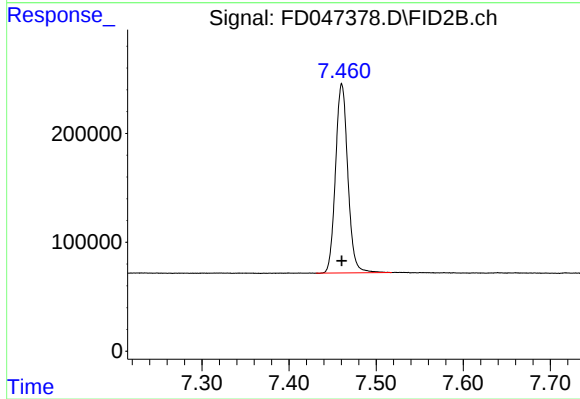
#2 Naphthalene (C11.7)

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 1882810  
Conc: 10.50 ug/ml



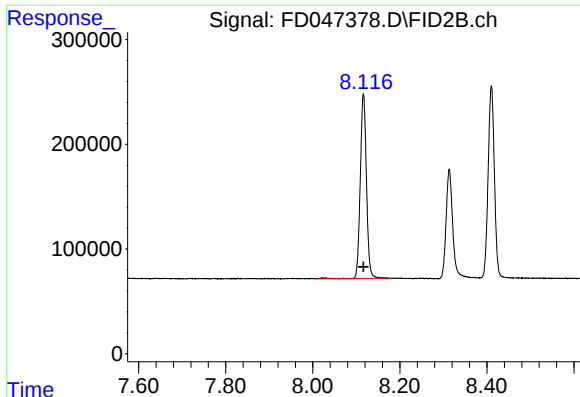
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 1879993  
Conc: 10.48 ug/ml



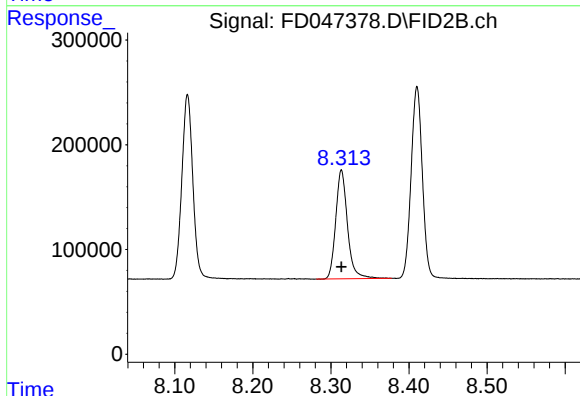
#4 2-Bromonaphthalene (SURR)

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 1706171  
Conc: 10.50 ug/ml



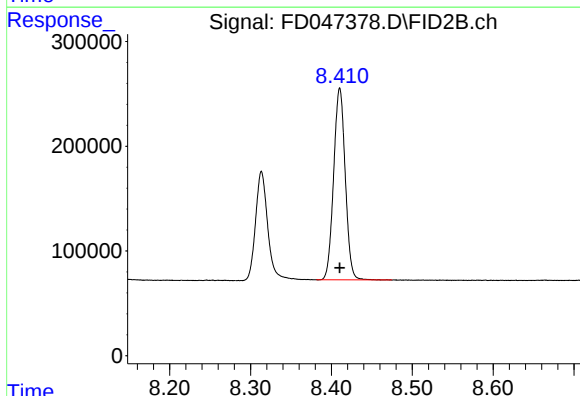
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min  
Delta R.T.: 0.000 min  
Response: 1734005  
Conc: 10.58 ug/ml



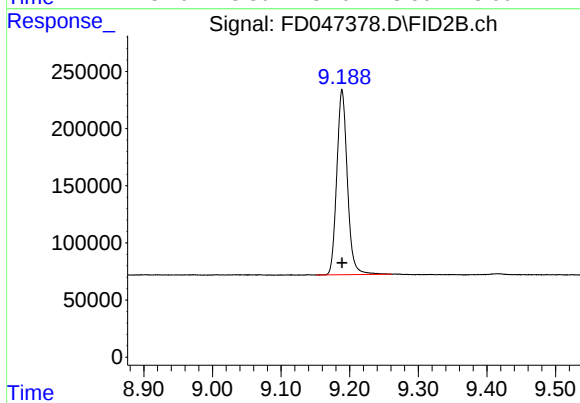
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 1086165  
Conc: 10.23 ug/ml



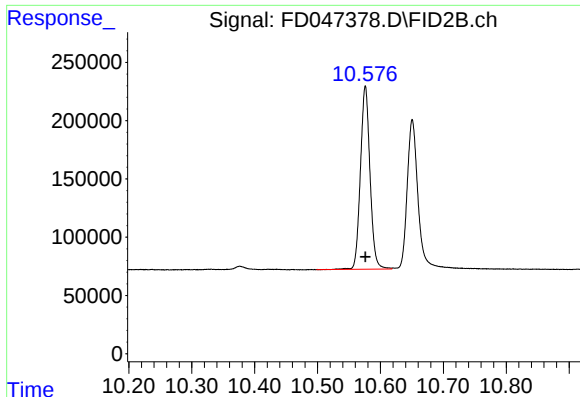
#7 Acenaphthene (C15.5)

R.T.: 8.410 min  
Delta R.T.: 0.000 min  
Response: 1823692  
Conc: 10.54 ug/ml



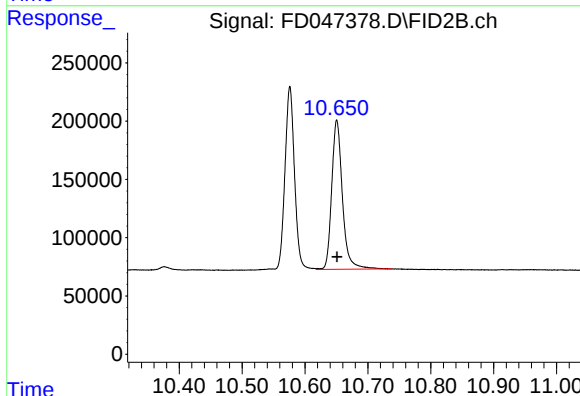
#8 Flouorene (C16.55)

R.T.: 9.189 min  
Delta R.T.: 0.000 min  
Response: 1729611  
Conc: 10.38 ug/ml



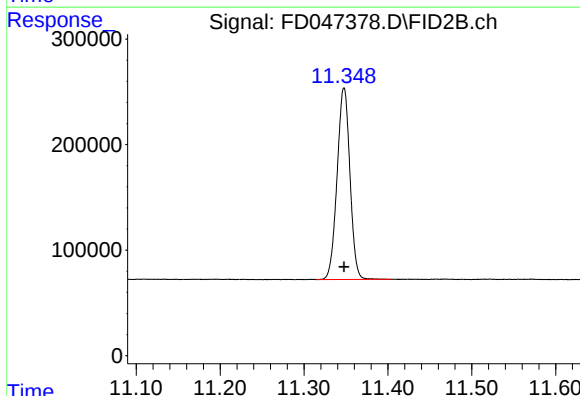
#9 Phenanthrene (C19.36)

R.T.: 10.576 min  
Delta R.T.: 0.000 min  
Response: 1659658  
Conc: 10.33 ug/ml



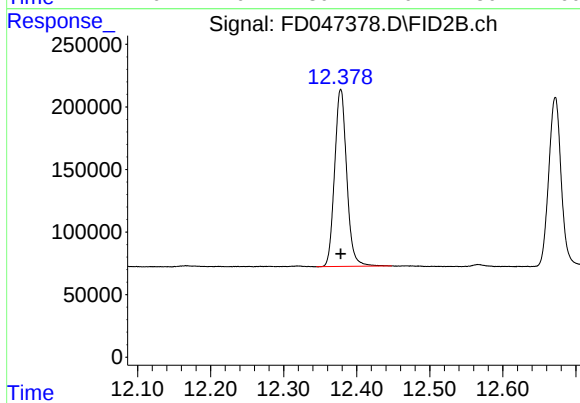
#10 Anthracene (C19.43)

R.T.: 10.651 min  
Delta R.T.: 0.000 min  
Response: 1517582  
Conc: 10.31 ug/ml



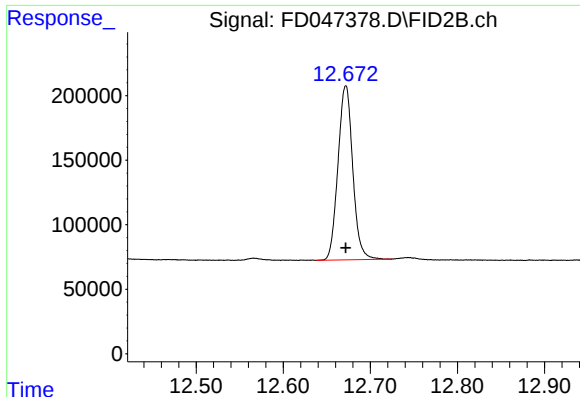
#11 ortho-Terphenyl (SURR)

R.T.: 11.348 min  
Delta R.T.: 0.000 min  
Response: 1934080  
Conc: 10.57 ug/ml



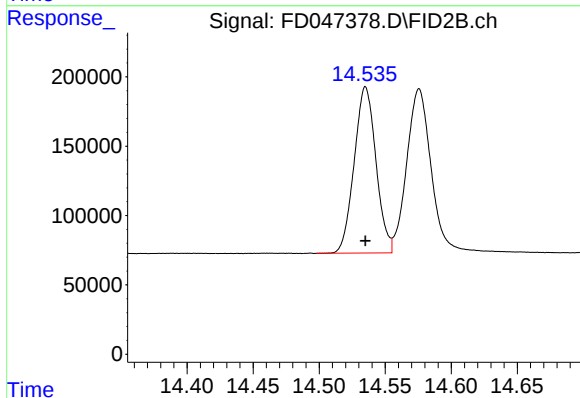
#12 Fluoranthene (C21.85)

R.T.: 12.378 min  
Delta R.T.: 0.000 min  
Response: 1631070  
Conc: 10.36 ug/ml



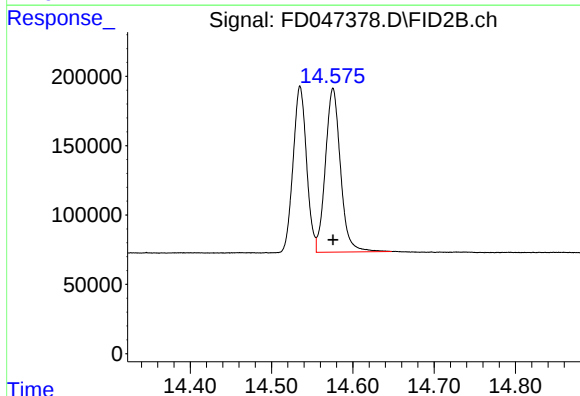
#13 Pyrene (C20.8)

R.T.: 12.672 min  
Delta R.T.: 0.000 min  
Response: 1588466  
Conc: 10.40 ug/ml



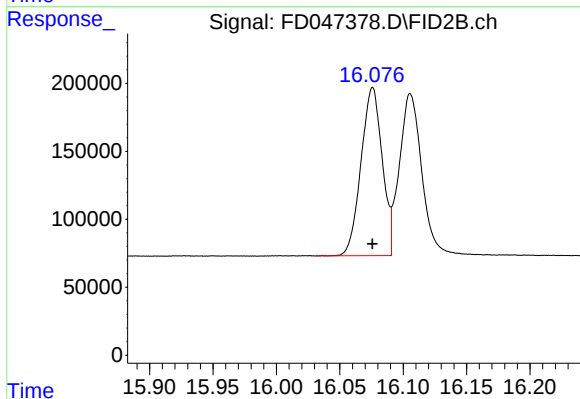
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min  
Delta R.T.: 0.000 min  
Response: 1375052  
Conc: 10.14 ug/ml



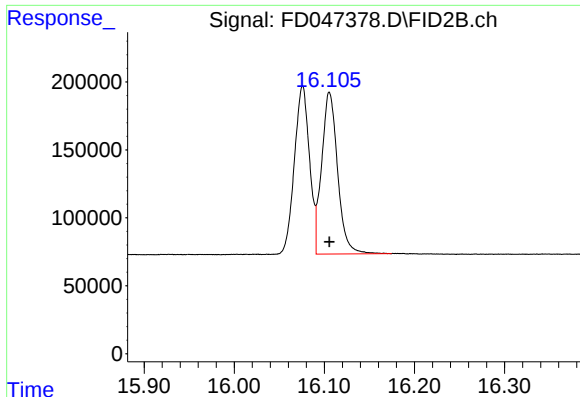
#15 Chrysene (C27.41)

R.T.: 14.576 min  
Delta R.T.: 0.000 min  
Response: 1522650  
Conc: 10.50 ug/ml



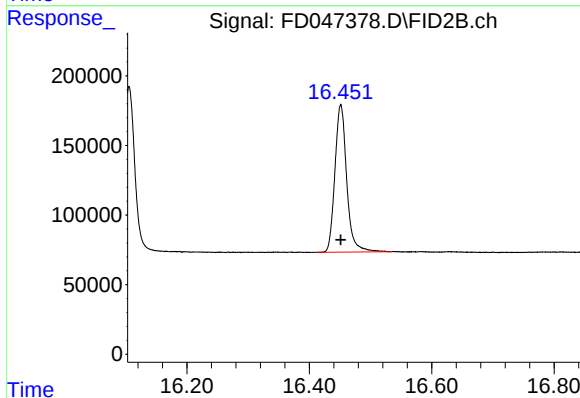
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min  
Delta R.T.: 0.000 min  
Response: 1439172  
Conc: 10.34 ug/ml



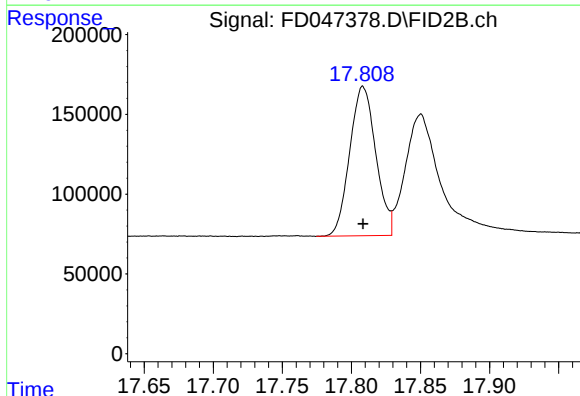
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min  
Delta R.T.: 0.000 min  
Response: 1465741  
Conc: 10.59 ug/ml



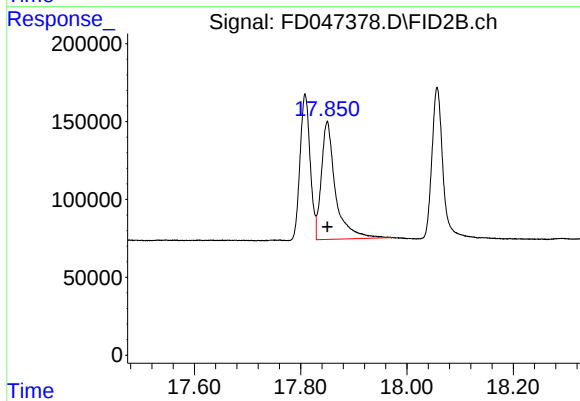
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min  
Delta R.T.: 0.000 min  
Response: 1420058  
Conc: 10.45 ug/ml



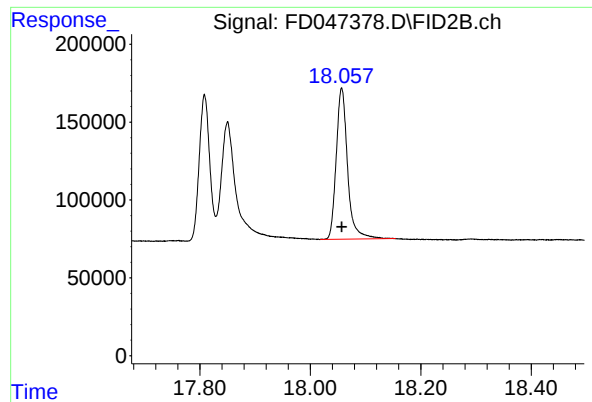
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min  
Delta R.T.: 0.000 min  
Response: 1230062  
Conc: 9.69 ug/ml



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

R.T.: 17.850 min  
Delta R.T.: 0.000 min  
Response: 1403558  
Conc: 10.87 ug/ml



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

R.T.: 18.057 min  
Delta R.T.: 0.000 min  
Response: 1386633  
Conc: 10.43 ug/ml