

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD02223AR\  
 Data File : FD045119.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Feb 2023 02:18  
 Operator : YP/AJ  
 Sample : 01627-01  
 Misc : 2.5 PPM SOIL LOD  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 23 05:57:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 022123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 22 04:55:52 2023  
 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...      | 7.554  | 7035930    | 52.460 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 104.92%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.409  | 4676775    | 52.184 ug/ml |
| Spiked Amount 50.000 Range 0 - 130 |        | Recovery = | 104.37%      |
| 11) S ortho-Terphenyl (SURR)       | 11.451 | 7485898    | 44.508 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 89.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.358  | 350144     | 2.339 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.889  | 405227     | 2.581 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.939  | 403880     | 2.582 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.210  | 388769     | 2.723 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.505  | 394327     | 2.615 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.283  | 405734     | 2.753 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.674 | 375552     | 2.594 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.748 | 344778     | 2.547 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.478 | 427486     | 2.982 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.773 | 452462     | 3.231 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.679 | 429142     | 3.373 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.729 | 103308     | 0.780 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.210 | 358327     | 2.732 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.210 | 358327     | 2.763 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.554 | 309958     | 2.415 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.954 | 318097     | 2.533 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.954 | 318097     | 2.601 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.161 | 329003     | 2.593 ug/ml  |
| -----                              |        |            |              |

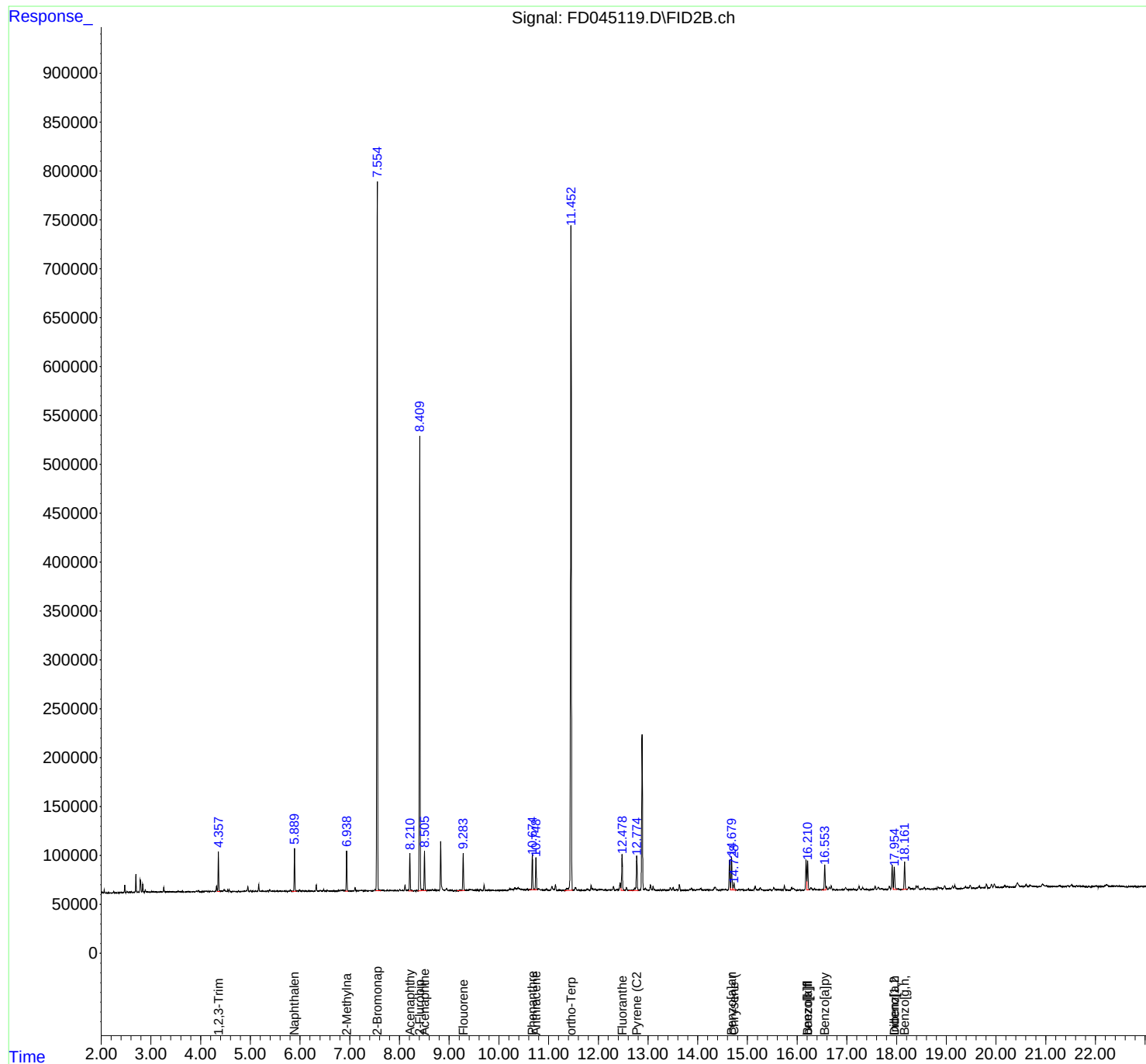
(f)=RT Delta > 1/2 Window

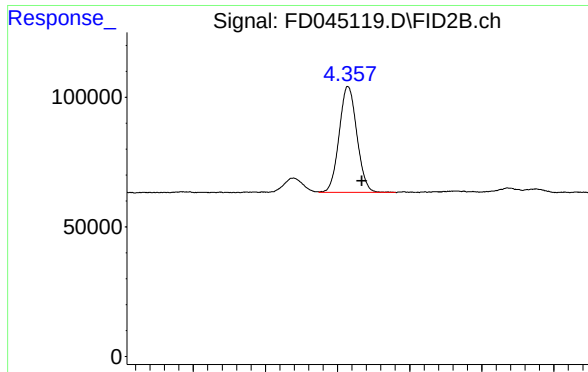
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD022223AR\  
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Signal(s) : FID2B.ch  
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Operator : YP/AJ  
Sample : 01627-01  
Misc : 2.5 PPM SOIL LOD  
ALS Vial : 56 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Wed Feb 22 04:55:52 2023  
Response via : Initial Calibration  
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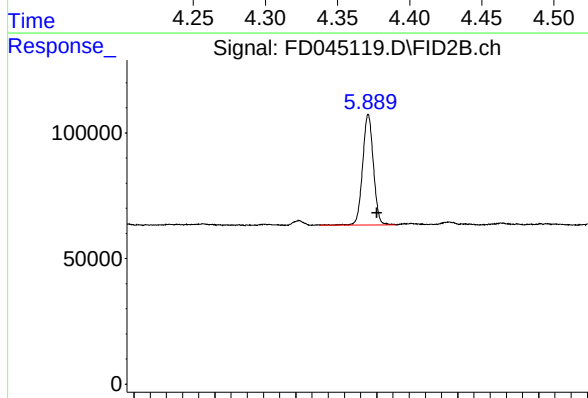
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





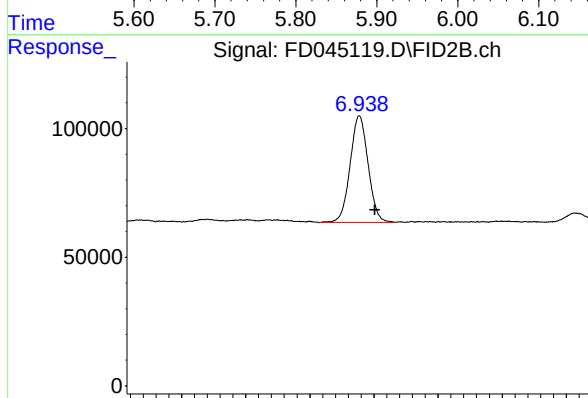
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.358 min  
Delta R.T.: -0.009 min  
Response: 350144  
Conc: 2.34 ug/ml



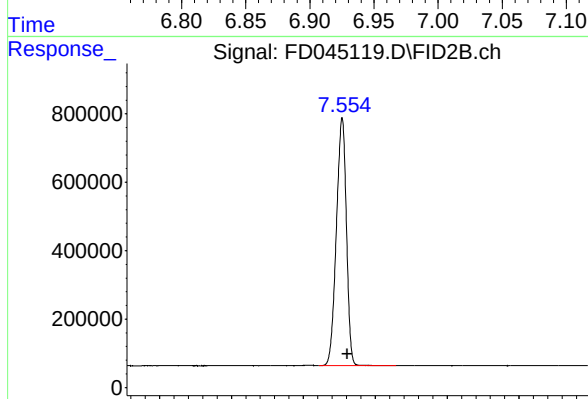
#2 Naphthalene (C11.7)

R.T.: 5.889 min  
Delta R.T.: -0.011 min  
Response: 405227  
Conc: 2.58 ug/ml



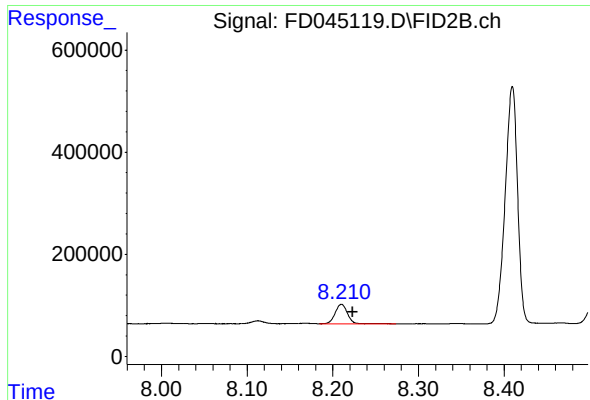
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.939 min  
Delta R.T.: -0.012 min  
Response: 403880  
Conc: 2.58 ug/ml



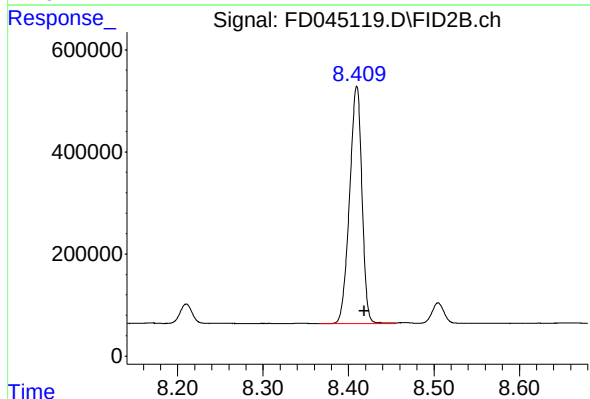
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min  
Delta R.T.: -0.007 min  
Response: 7035930  
Conc: 52.46 ug/ml



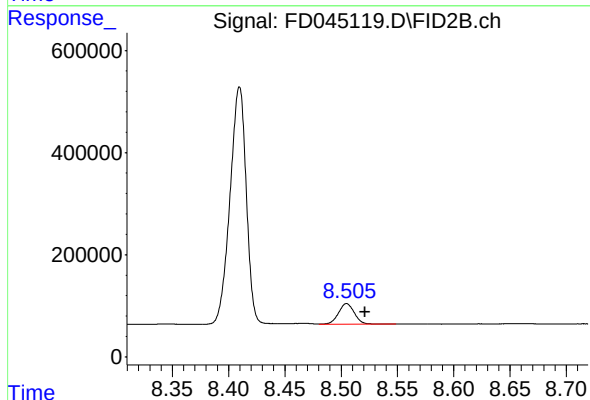
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min  
Delta R.T.: -0.013 min  
Response: 388769  
Conc: 2.72 ug/ml



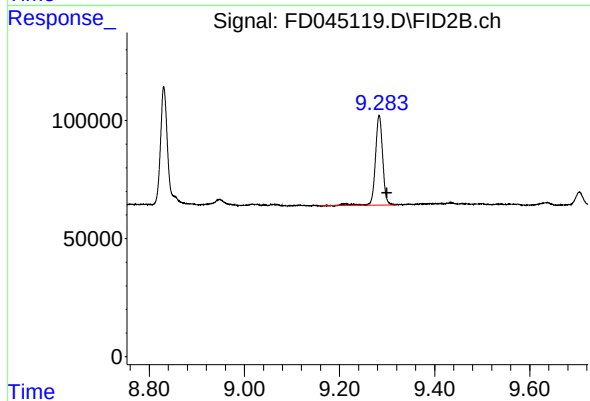
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.409 min  
Delta R.T.: -0.009 min  
Response: 4676775  
Conc: 52.18 ug/ml



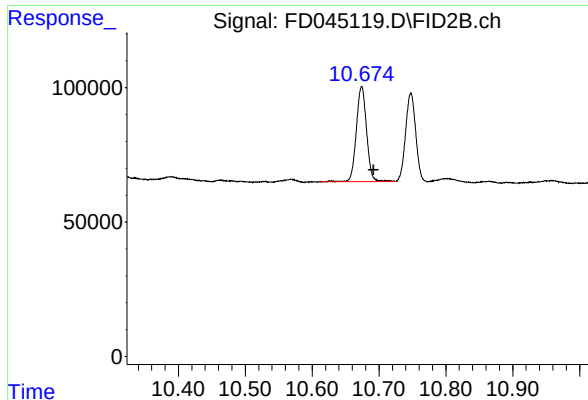
#7 Acenaphthene (C15.5)

R.T.: 8.505 min  
Delta R.T.: -0.016 min  
Response: 394327  
Conc: 2.61 ug/ml



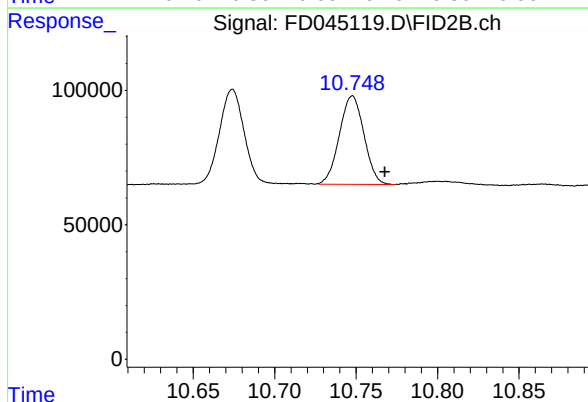
#8 Flouorene (C16.55)

R.T.: 9.283 min  
Delta R.T.: -0.016 min  
Response: 405734  
Conc: 2.75 ug/ml



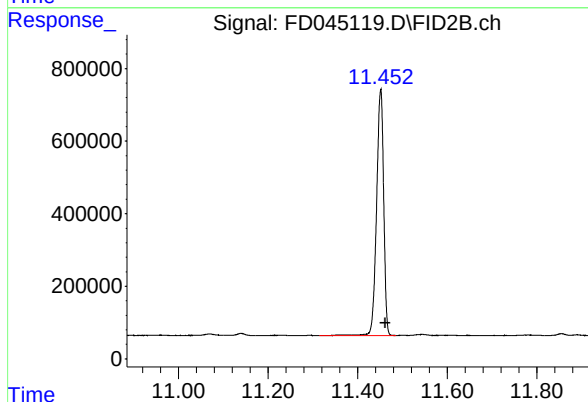
#9 Phenanthrene (C19.36)

R.T.: 10.674 min  
Delta R.T.: -0.018 min  
Response: 375552  
Conc: 2.59 ug/ml



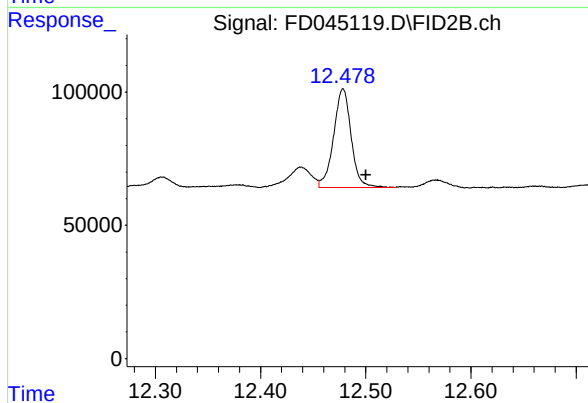
#10 Anthracene (C19.43)

R.T.: 10.748 min  
Delta R.T.: -0.020 min  
Response: 344778  
Conc: 2.55 ug/ml



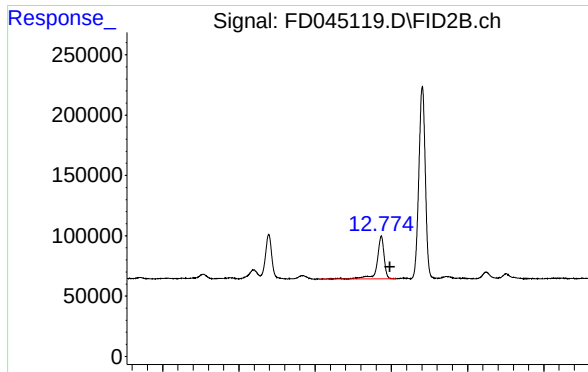
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min  
Delta R.T.: -0.011 min  
Response: 7485898  
Conc: 44.51 ug/ml



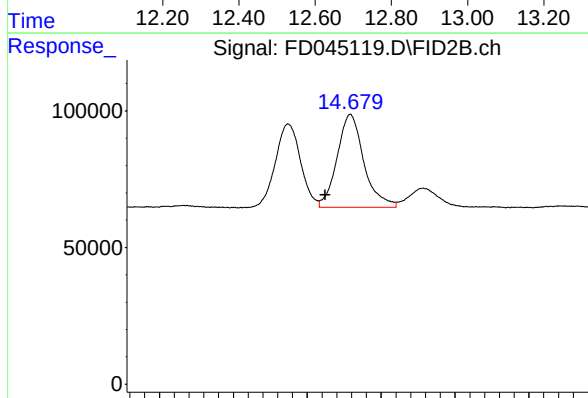
#12 Fluoranthene (C21.85)

R.T.: 12.478 min  
Delta R.T.: -0.022 min  
Response: 427486  
Conc: 2.98 ug/ml



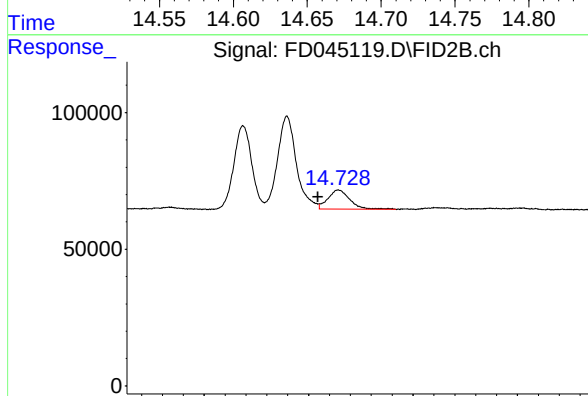
#13 Pyrene (C20.8)

R.T.: 12.773 min  
Delta R.T.: -0.024 min  
Response: 452462  
Conc: 3.23 ug/ml



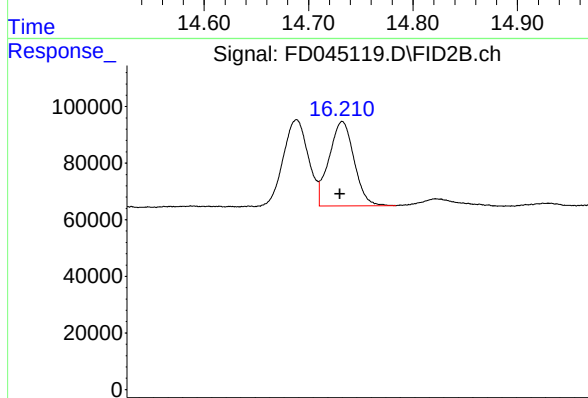
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.679 min  
Delta R.T.: 0.017 min  
Response: 429142  
Conc: 3.37 ug/ml



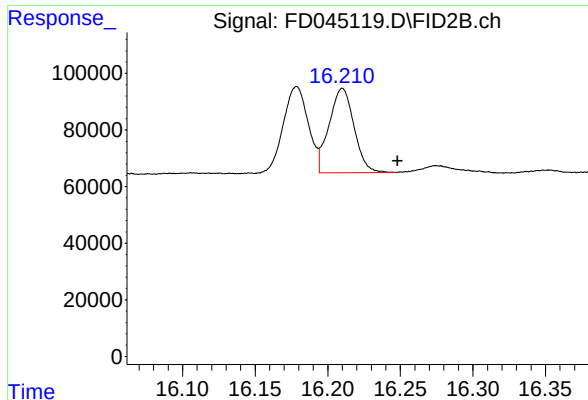
#15 Chrysene (C27.41)

R.T.: 14.729 min  
Delta R.T.: 0.020 min  
Response: 103308  
Conc: 0.78 ug/ml



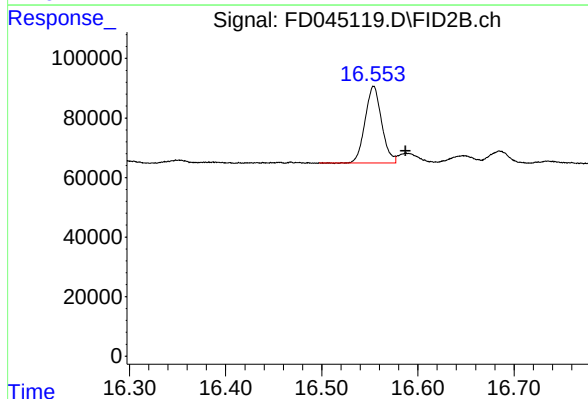
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.210 min  
Delta R.T.: 0.002 min  
Response: 358327  
Conc: 2.73 ug/ml



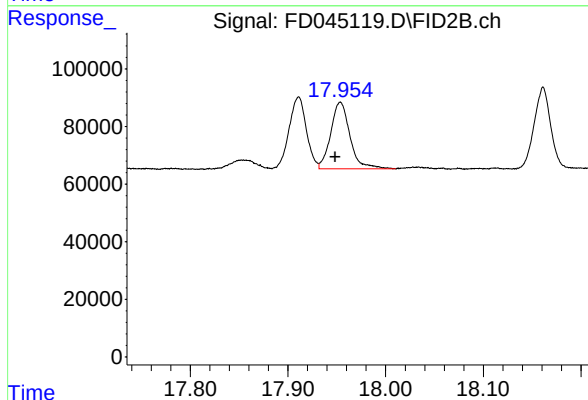
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.210 min  
Delta R.T.: -0.038 min  
Response: 358327  
Conc: 2.76 ug/ml



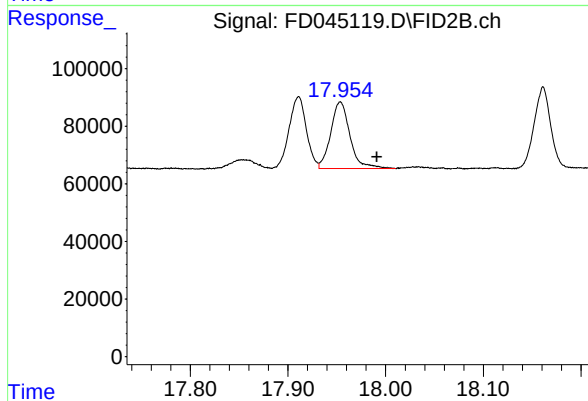
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min  
Delta R.T.: -0.033 min  
Response: 309958  
Conc: 2.41 ug/ml



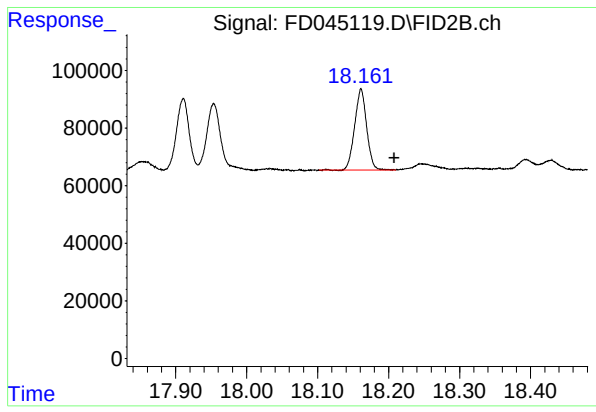
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.954 min  
Delta R.T.: 0.005 min  
Response: 318097  
Conc: 2.53 ug/ml



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

R.T.: 17.954 min  
Delta R.T.: -0.037 min  
Response: 318097  
Conc: 2.60 ug/ml



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

R.T.: 18.161 min  
Delta R.T.: -0.047 min  
Response: 329003  
Conc: 2.59 ug/ml