

Data Path : Z:\bestpcbsrv\HPCHEM1\FID D\Data\FD071018AR\  
 Data File : FD024920.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Jul 2018 23:25  
 Operator : AJ\SJ  
 Sample : J3880-11  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jul 11 01:36:32 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 22 09:02:19 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...      | 7.479   | 5402345    | 59.056 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 118.11%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.336   | 3583924    | 56.508 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 113.02%      |
| 11) S ortho-Terphenyl (SURR)       | 11.383  | 2968608    | 29.581 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 59.16%       |
| Target Compounds                   |         |            |              |
| 2) T Naphthalene (C11.7)           | 5.810   | 178510     | 1.759 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.606  | 824758     | 8.022 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.679  | 215999     | 2.119 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.417  | 1545606    | 15.501 ug/ml |
| 13) T Pyrene (C20.8)               | 12.712  | 1252877    | 12.599 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.585  | 841894     | 8.968 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.625  | 830453     | 8.778 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.137  | 1114034    | 10.773 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.164  | 461699     | 4.375 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.511  | 791707     | 7.618 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.874  | 502264     | 4.712 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.874f | 502264     | 4.802 ug/ml  |
| 21) T Benzo[a,h,i]perylene ...     | 18.127  | 508023     | 4.783 ug/ml  |
| -----                              |         |            |              |

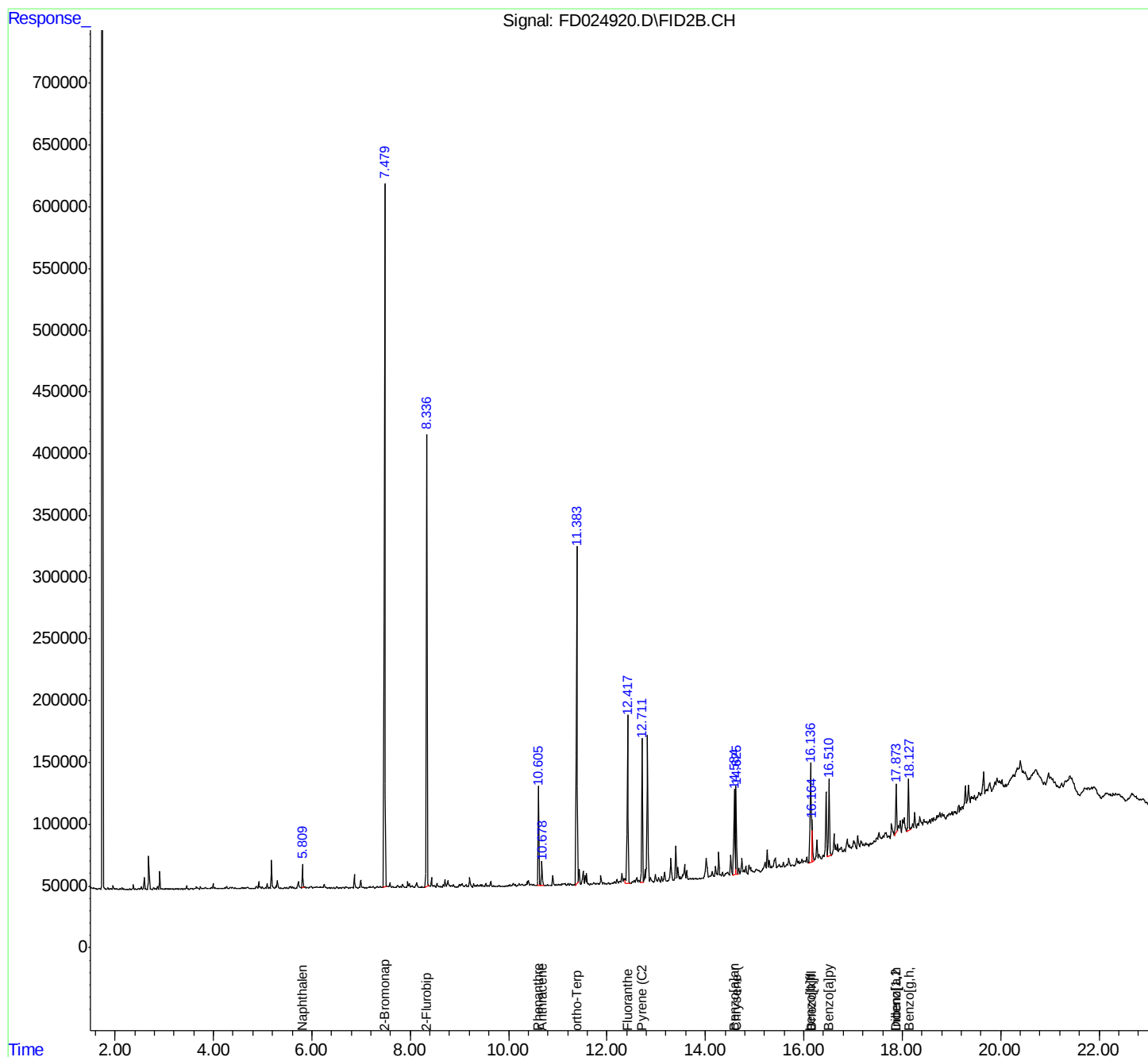
(f)=RT Delta > 1/2 Window

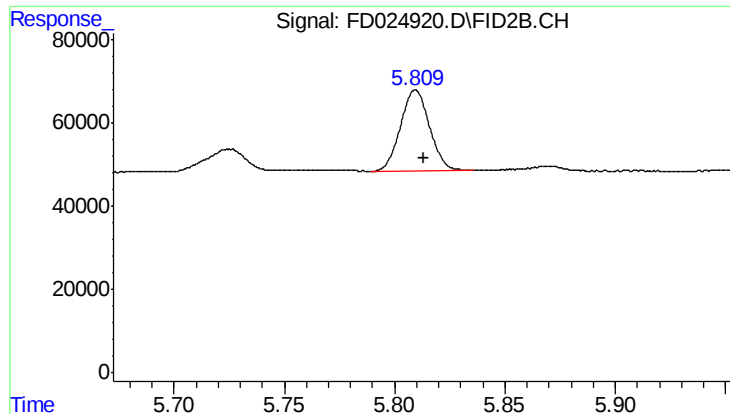
(m)=manual int.

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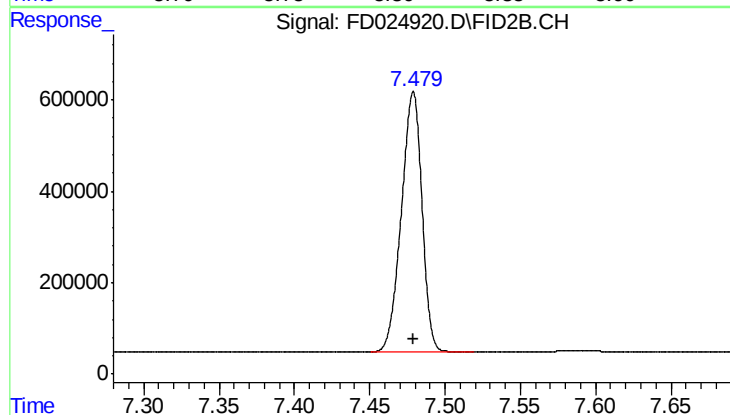
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Signal Info : 20M x 0.18mm x 0.18µm





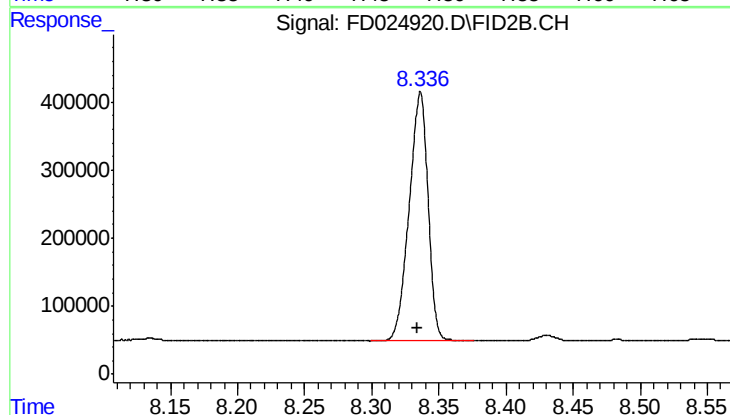
#2 Naphthalene (C11.7)

R.T.: 5.810 min  
Delta R.T.: -0.004 min  
Response: 178510  
Conc: 1.76 ug/ml



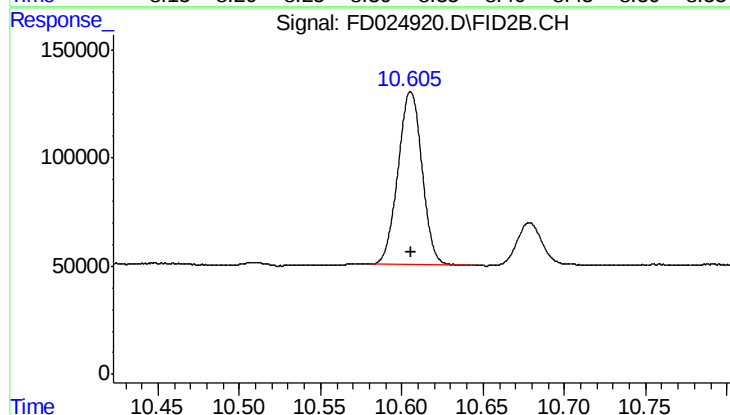
#4 2-Bromonaphthalene (SURR)

R.T.: 7.479 min  
Delta R.T.: 0.000 min  
Response: 5402345  
Conc: 59.06 ug/ml



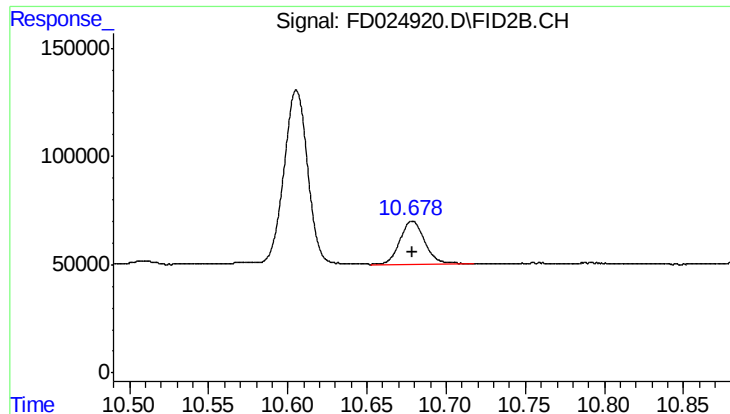
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min  
Delta R.T.: 0.003 min  
Response: 3583924  
Conc: 56.51 ug/ml



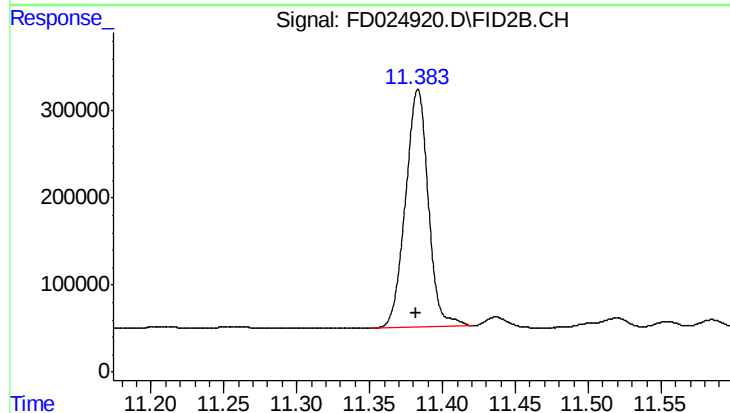
#9 Phenanthrene (C19.36)

R.T.: 10.606 min  
Delta R.T.: 0.000 min  
Response: 824758  
Conc: 8.02 ug/ml



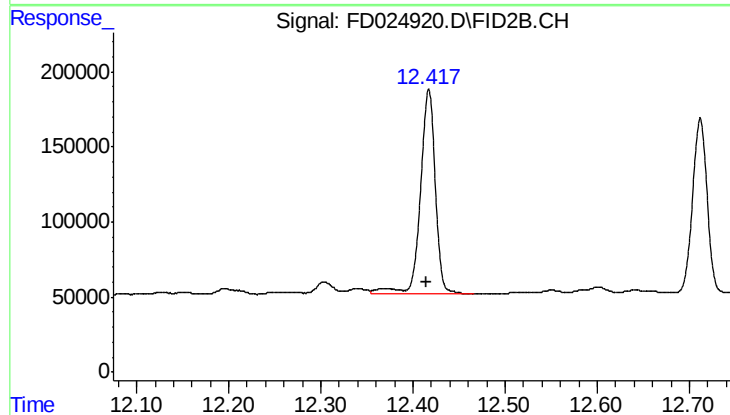
#10 Anthracene (C19.43)

R.T.: 10.679 min  
Delta R.T.: 0.000 min  
Response: 215999  
Conc: 2.12 ug/ml



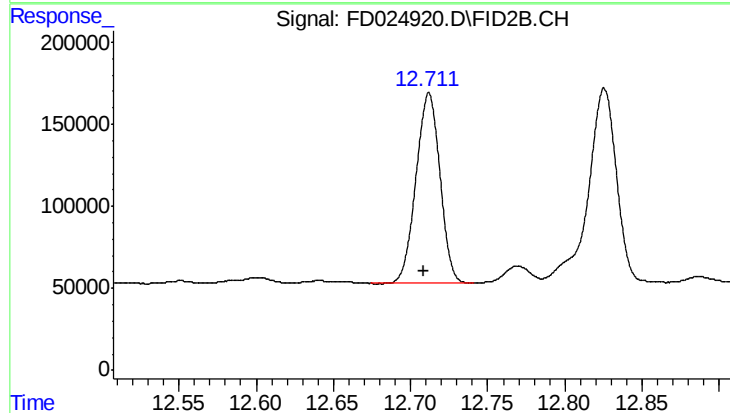
#11 ortho-Terphenyl (SURRE)

R.T.: 11.383 min  
Delta R.T.: 0.002 min  
Response: 2968608  
Conc: 29.58 ug/ml



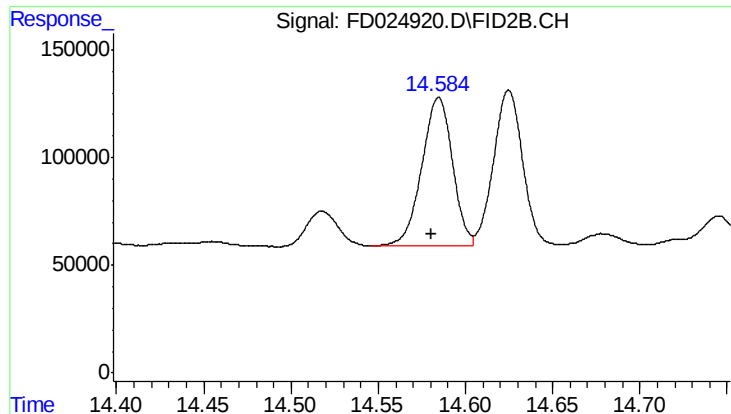
#12 Fluoranthene (C21.85)

R.T.: 12.417 min  
Delta R.T.: 0.003 min  
Response: 1545606  
Conc: 15.50 ug/ml



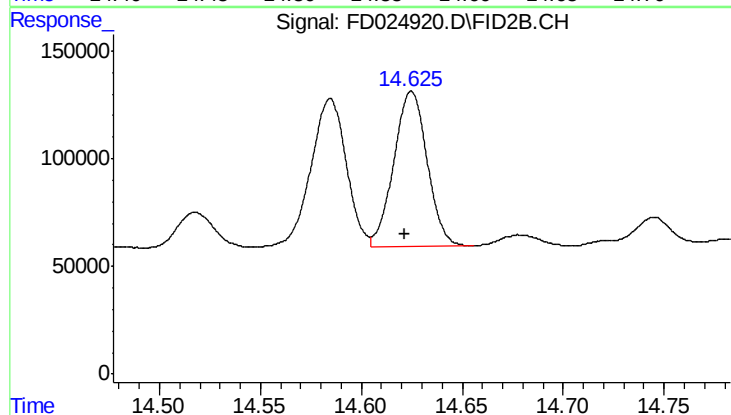
#13 Pyrene (C20.8)

R.T.: 12.712 min  
Delta R.T.: 0.003 min  
Response: 1252877  
Conc: 12.60 ug/ml



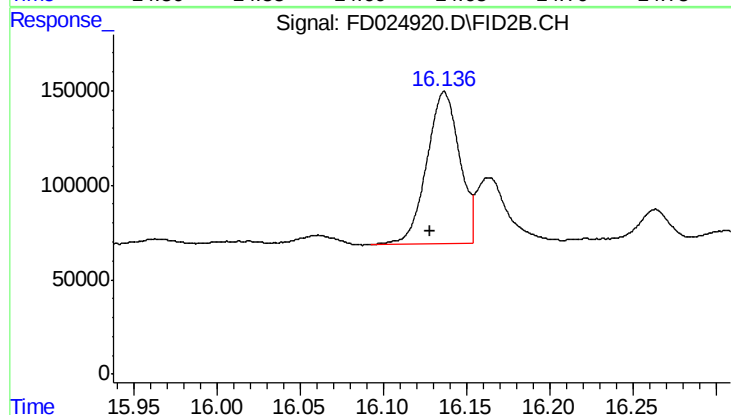
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.585 min  
Delta R.T.: 0.004 min  
Response: 841894  
Conc: 8.97 ug/ml



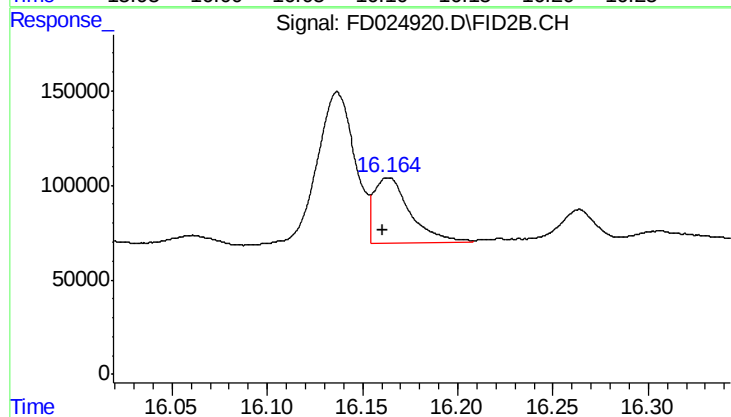
#15 Chrysene (C27.41)

R.T.: 14.625 min  
Delta R.T.: 0.003 min  
Response: 830453  
Conc: 8.78 ug/ml



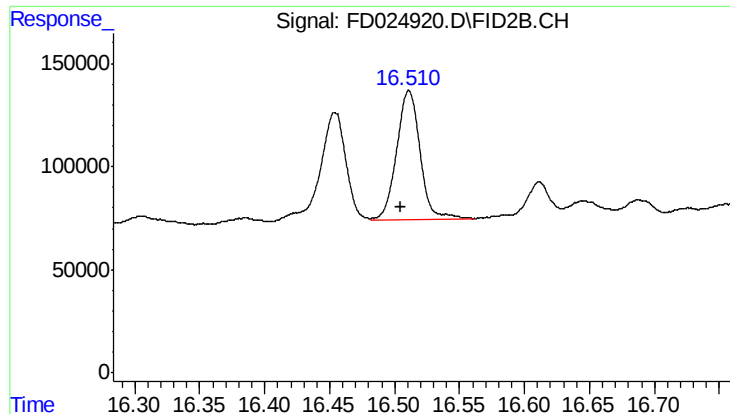
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.137 min  
Delta R.T.: 0.008 min  
Response: 1114034  
Conc: 10.77 ug/ml



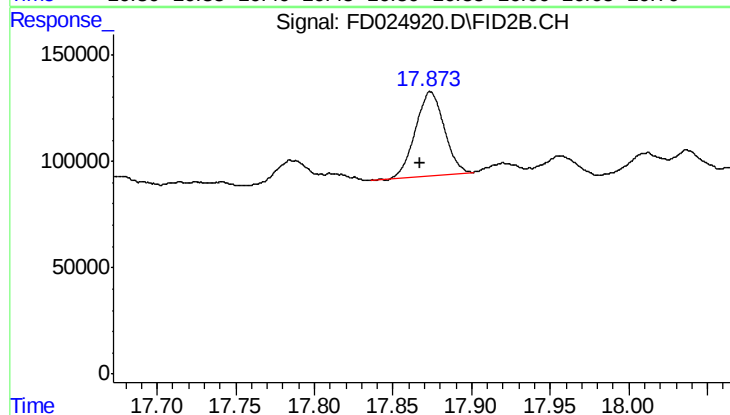
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.164 min  
Delta R.T.: 0.003 min  
Response: 461699  
Conc: 4.38 ug/ml



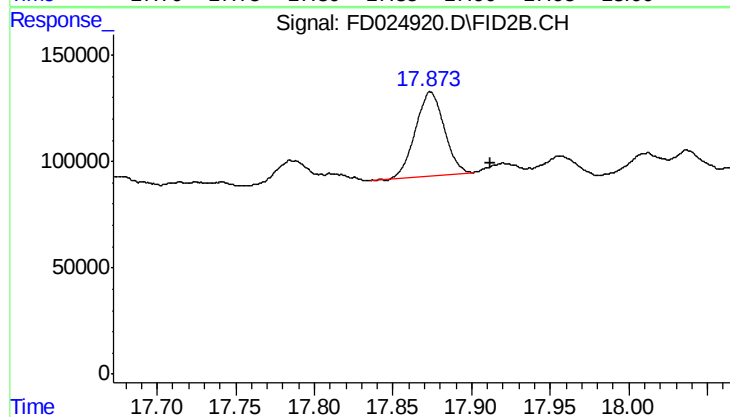
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.511 min  
Delta R.T.: 0.006 min  
Response: 791707  
Conc: 7.62 ug/ml



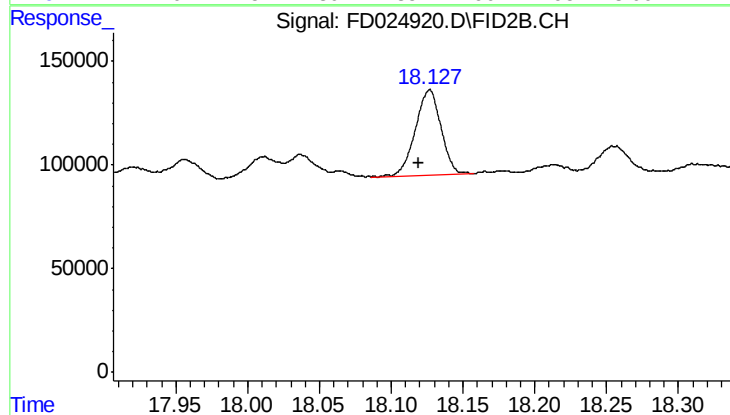
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.874 min  
Delta R.T.: 0.007 min  
Response: 502264  
Conc: 4.71 ug/ml



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

R.T.: 17.874 min  
Delta R.T.: -0.038 min  
Response: 502264  
Conc: 4.80 ug/ml



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

R.T.: 18.127 min  
Delta R.T.: 0.008 min  
Response: 508023  
Conc: 4.78 ug/ml