

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102720AR\  
 Data File : FD035170.D  
 Signal(s) : FID2B.CH  
 Acq On : 27 Oct 2020 20:00  
 Operator : DD\AJ  
 Sample : L4521-09  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Oct 28 01:32:29 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 23 08:22:01 2020  
 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...      | 7.647  | 6227762    | 54.029 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 108.06%      |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.511  | 4301506    | 54.109 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 108.22%      |
| 11) S ortho-Terphenyl (SURR)       | 11.552 | 5943906    | 45.093 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 90.19%       |
| Target Compounds                   |        |            |              |
| 7) T Acenaphthene (C15.5)          | 8.607  | 312774     | 2.312 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.389  | 238837     | 1.841 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.787 | 4234831    | 33.413 ug/ml |
| 10) T Anthracene (C19.43)          | 10.861 | 497408     | 3.892 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.607 | 8773266    | 70.425 ug/ml |
| 13) T Pyrene (C20.8)               | 12.902 | 6976523    | 57.083 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.768 | 3043756    | 28.714 ug/ml |
| 15) T Chrysene (C27.41)            | 14.809 | 3558760    | 30.412 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.322 | 3750856    | 36.545 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.347 | 1262158    | 12.035 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.698 | 2563747    | 27.069 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.062 | 1804426    | 20.346 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.099 | 418586     | 4.129 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.314 | 1527889    | 15.990 ug/ml |
| -----                              |        |            |              |

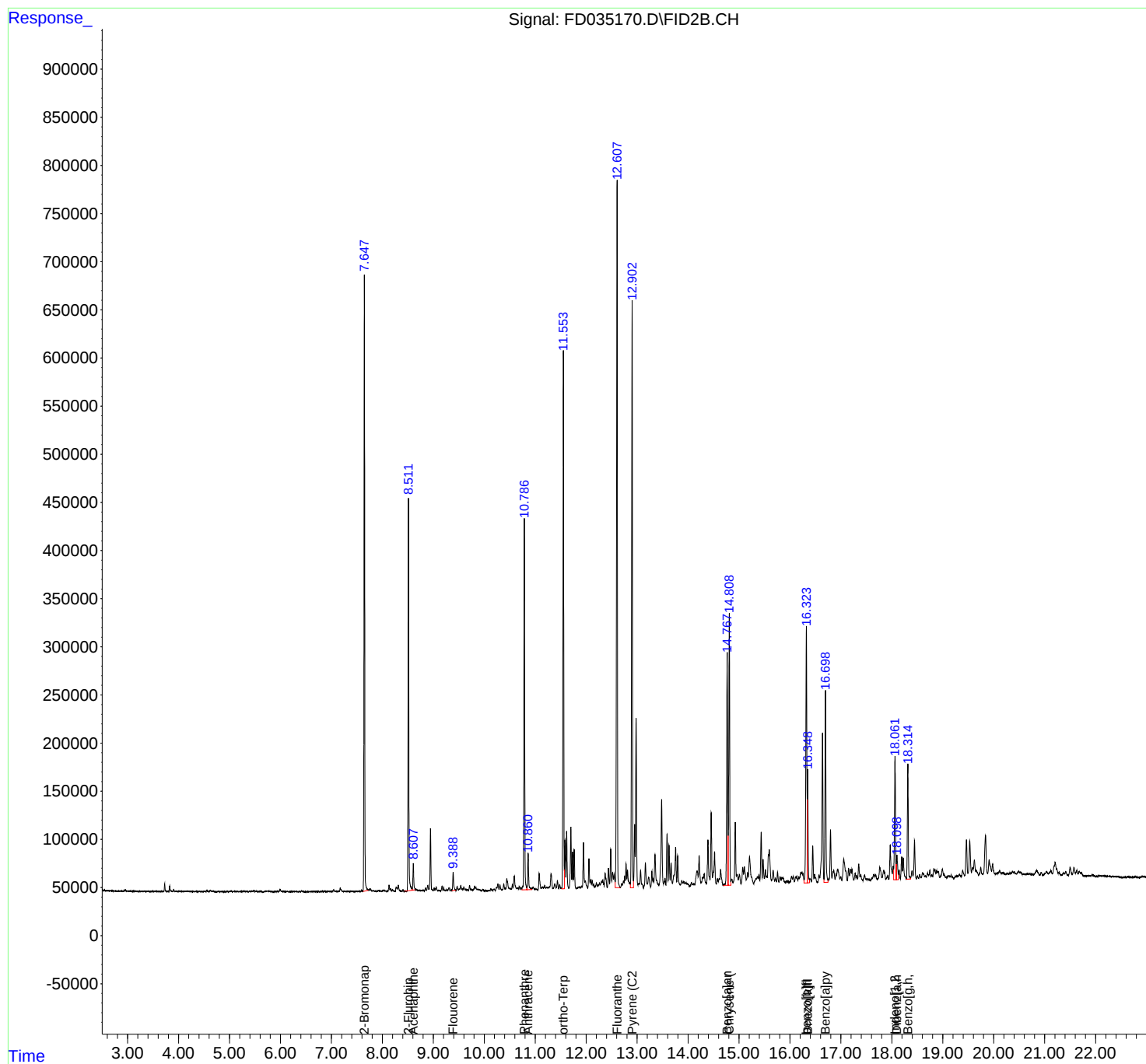
(f)=RT Delta > 1/2 Window

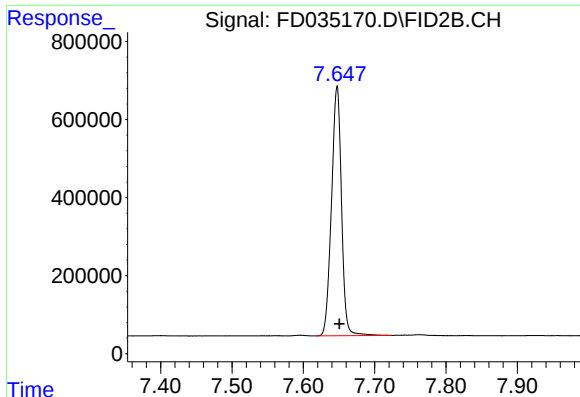
(m)=manual int.

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Sample : L4521-09  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
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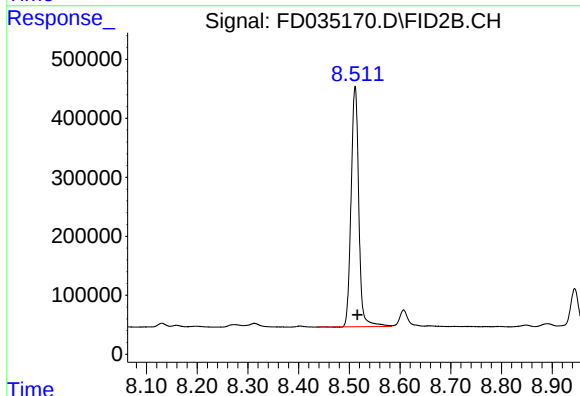
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





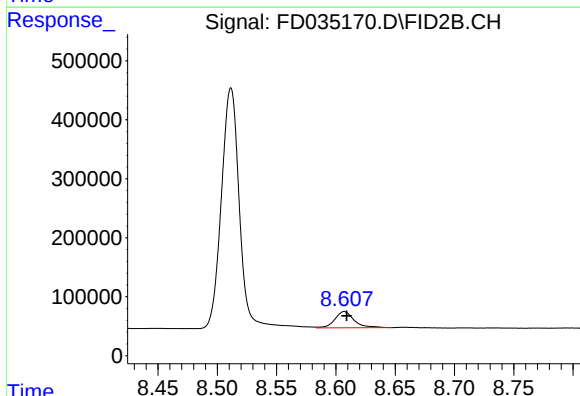
#4 2-Bromonaphthalene (SURRE)

R.T.: 7.647 min  
Delta R.T.: -0.003 min  
Response: 6227762  
Conc: 54.03 ug/ml



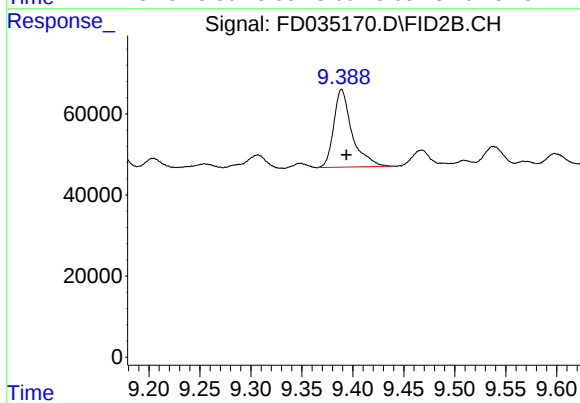
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.511 min  
Delta R.T.: -0.005 min  
Response: 4301506  
Conc: 54.11 ug/ml



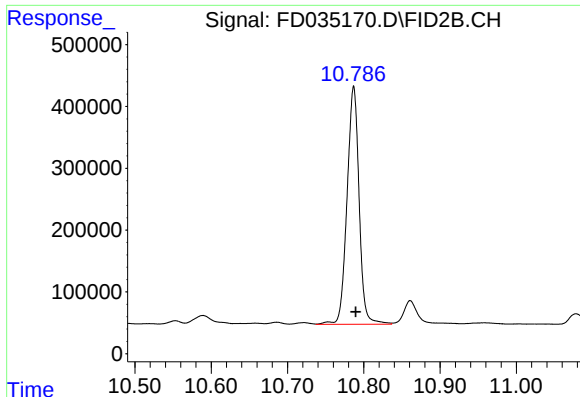
#7 Acenaphthene (C15.5)

R.T.: 8.607 min  
Delta R.T.: -0.002 min  
Response: 312774  
Conc: 2.31 ug/ml



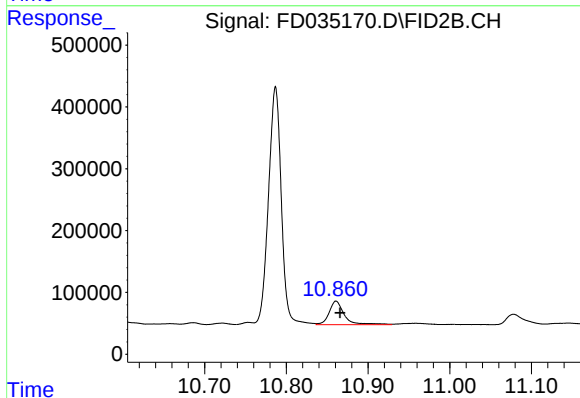
#8 Fluorene (C16.55)

R.T.: 9.389 min  
Delta R.T.: -0.005 min  
Response: 238837  
Conc: 1.84 ug/ml



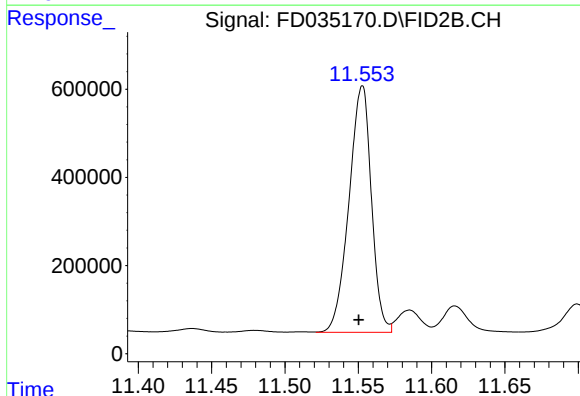
#9 Phenanthrene (C19.36)

R.T.: 10.787 min  
Delta R.T.: -0.003 min  
Response: 4234831  
Conc: 33.41 ug/ml



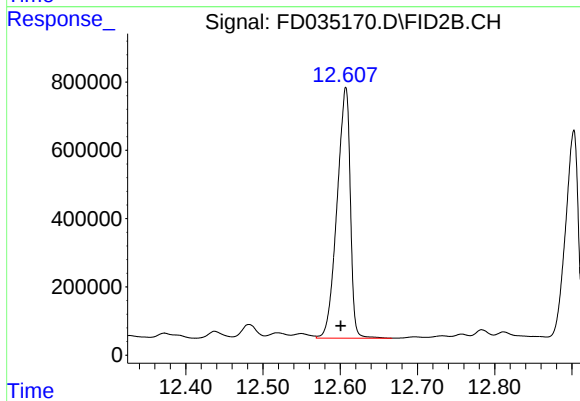
#10 Anthracene (C19.43)

R.T.: 10.861 min  
Delta R.T.: -0.005 min  
Response: 497408  
Conc: 3.89 ug/ml



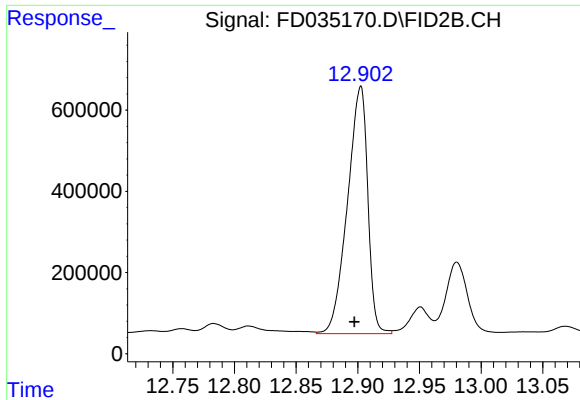
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min  
Delta R.T.: 0.002 min  
Response: 5943906  
Conc: 45.09 ug/ml



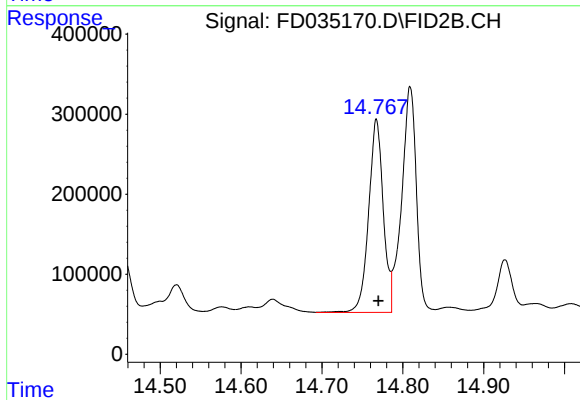
#12 Fluoranthene (C21.85)

R.T.: 12.607 min  
Delta R.T.: 0.006 min  
Response: 8773266  
Conc: 70.43 ug/ml



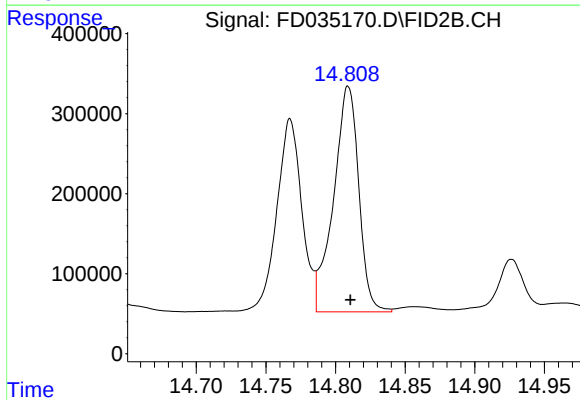
#13 Pyrene (C20.8)

R.T.: 12.902 min  
Delta R.T.: 0.004 min  
Response: 6976523  
Conc: 57.08 ug/ml



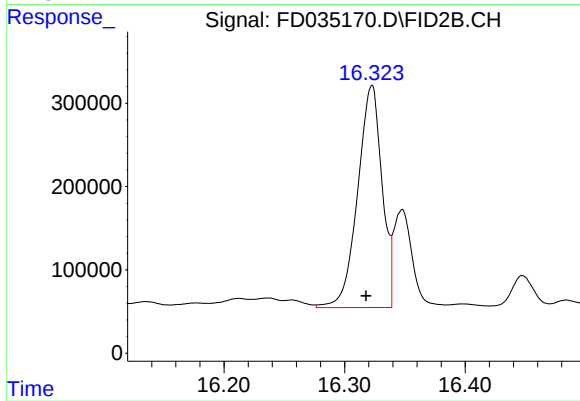
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min  
Delta R.T.: -0.002 min  
Response: 3043756  
Conc: 28.71 ug/ml



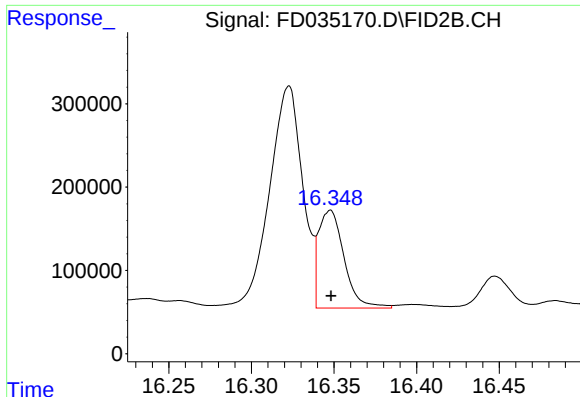
#15 Chrysene (C27.41)

R.T.: 14.809 min  
Delta R.T.: -0.002 min  
Response: 3558760  
Conc: 30.41 ug/ml



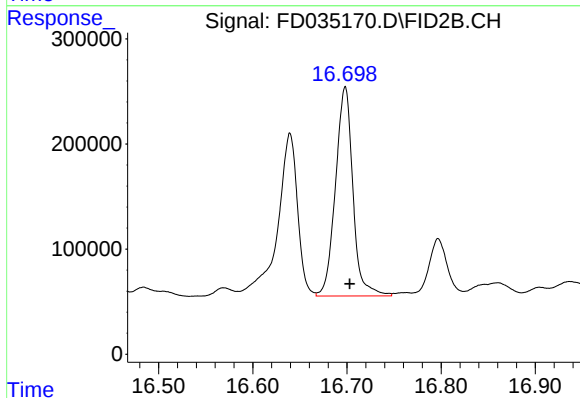
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.322 min  
Delta R.T.: 0.004 min  
Response: 3750856  
Conc: 36.55 ug/ml



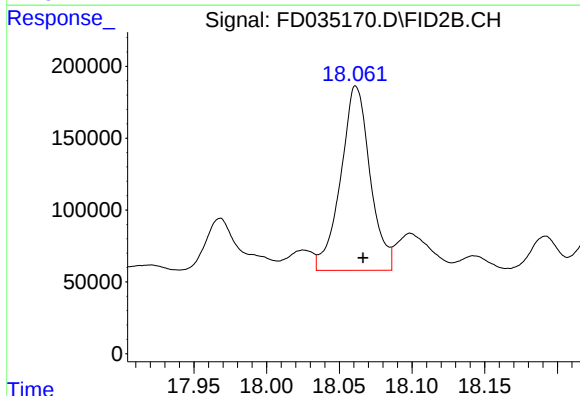
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.347 min  
Delta R.T.: 0.000 min  
Response: 1262158  
Conc: 12.04 ug/ml



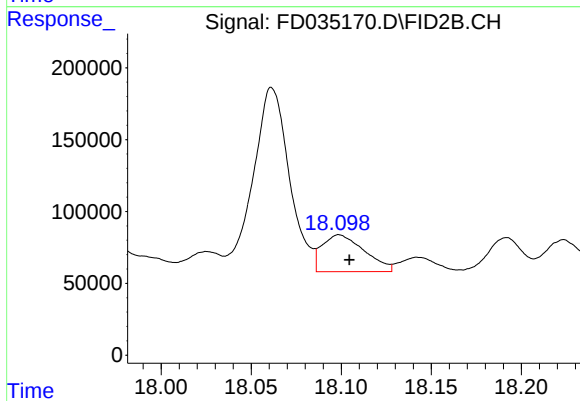
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.698 min  
Delta R.T.: -0.005 min  
Response: 2563747  
Conc: 27.07 ug/ml



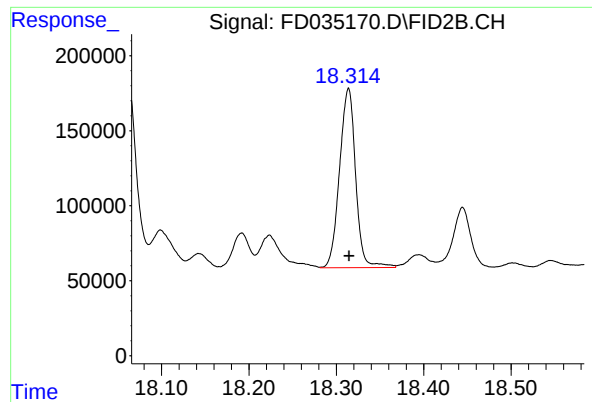
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min  
Delta R.T.: -0.005 min  
Response: 1804426  
Conc: 20.35 ug/ml



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

R.T.: 18.099 min  
Delta R.T.: -0.006 min  
Response: 418586  
Conc: 4.13 ug/ml



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

R.T.: 18.314 min  
Delta R.T.: -0.001 min  
Response: 1527889  
Conc: 15.99 ug/ml