

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120723AR\  
 Data File : FD047006.D  
 Signal(s) : FID2B.ch  
 Acq On : 07 Dec 2023 09:51  
 Operator : YP/AJ  
 Sample : 05620-01DL3 50X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 07 10:36:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112423.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 24 13:30:33 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...      | 7.475   | 213150     | 1.232 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 2.46%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.333   | 56997      | 0.524 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |         | Recovery = | 1.05%       |
| 11) S ortho-Terphenyl (SURR)       | 11.362  | 155300     | 0.780 ug/ml |
| Spiked Amount 50.000               |         | Recovery = | 1.56%       |
| Target Compounds                   |         |            |             |
| 2) T Naphthalene (C11.7)           | 5.760f  | 339021     | 1.780 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.838   | 90097      | 0.468 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.425   | 46127      | 0.249 ug/ml |
| 8) T Flouorene (C16.55)            | 9.185   | 64750      | 0.375 ug/ml |
| 10) T Anthracene (C19.43)          | 10.636  | 256013     | 1.656 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.610f | 49212      | 0.380 ug/ml |
| 15) T Chrysene (C27.41)            | 14.610  | 49212      | 0.343 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.113  | 34884      | 0.261 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.113  | 34884      | 0.255 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.493  | 52196      | 0.398 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.811  | 47662      | 0.399 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.887  | 163429     | 1.258 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.100  | 186476     | 1.425 ug/ml |
| -----                              |         |            |             |

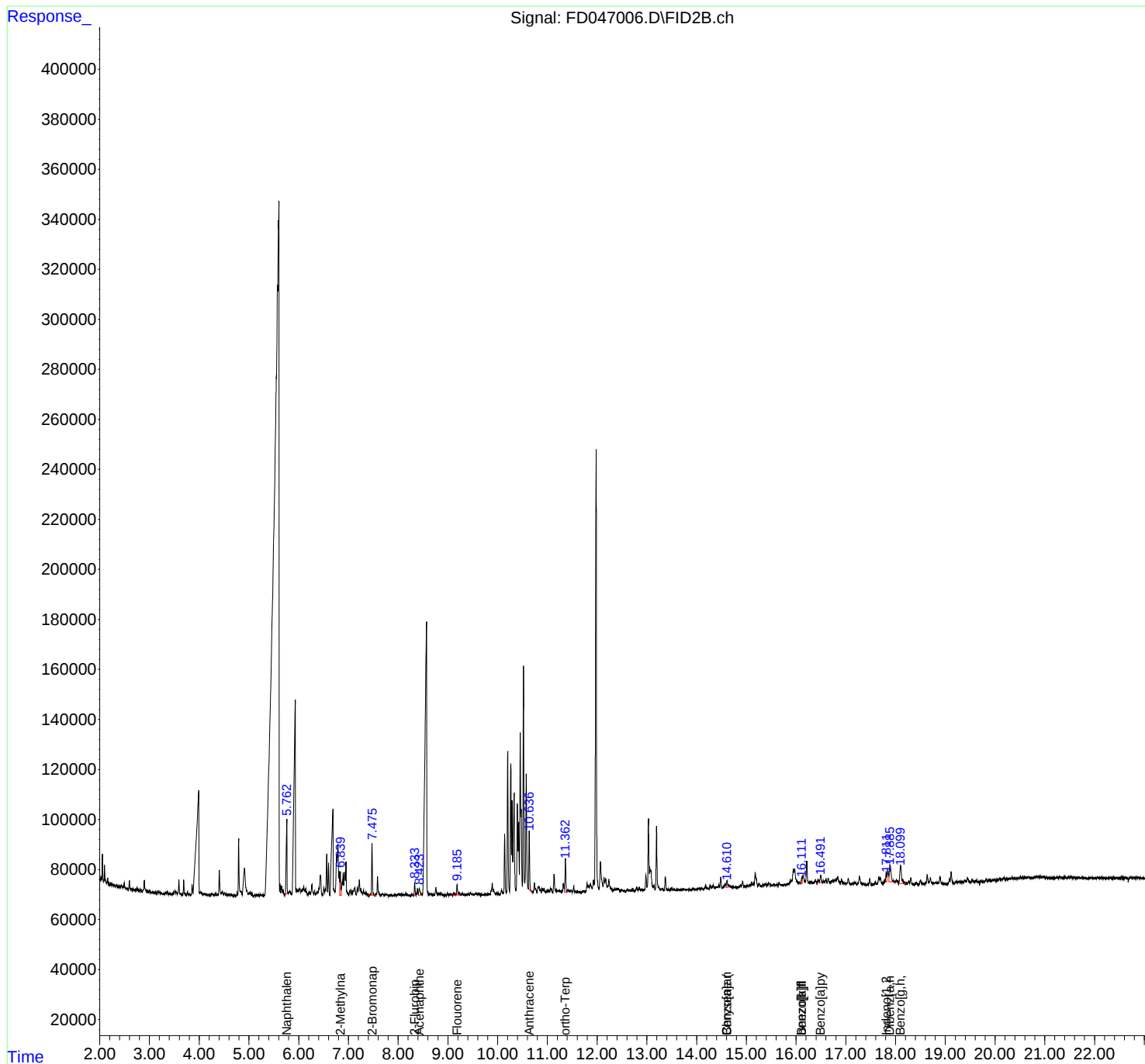
(f)=RT Delta > 1/2 Window

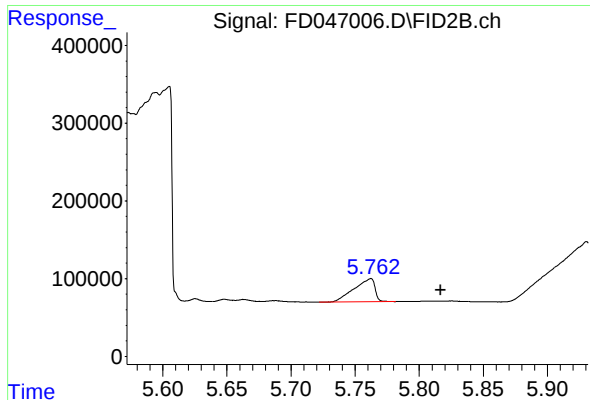
(m)=manual int.

```
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Acq On    : 07 Dec 2023  09:51  
Operator  : YP/AJ  
Sample    : 05620-01DL3 50X  
Misc      :  
ALS Vial  : 61   Sample Multiplier: 1
```

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112423.M  
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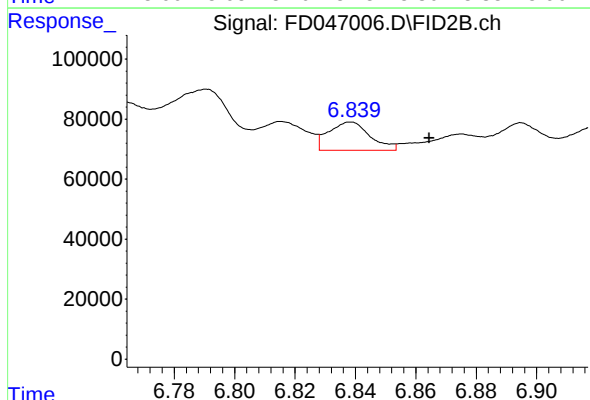




#2 Naphthalene (C11.7)

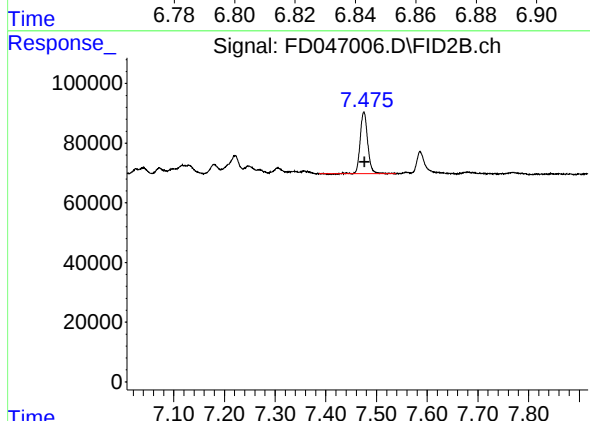
R.T.: 5.760 min  
Delta R.T.: -0.056 min  
Response: 339021  
Conc: 1.78 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



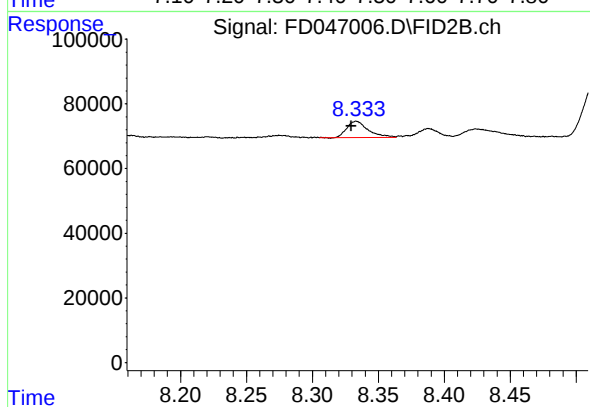
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.838 min  
Delta R.T.: -0.026 min  
Response: 90097  
Conc: 0.47 ug/ml



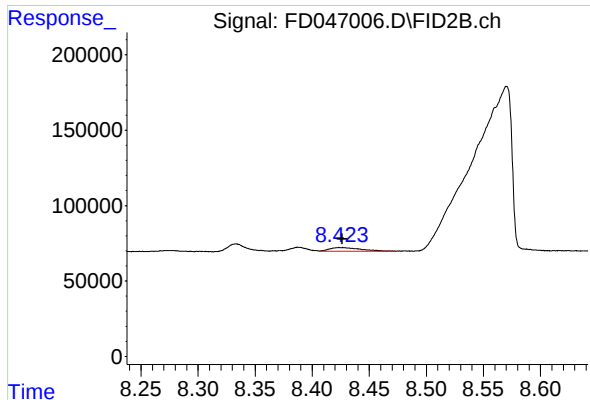
#4 2-Bromonaphthalene (SURR)

R.T.: 7.475 min  
Delta R.T.: -0.001 min  
Response: 213150  
Conc: 1.23 ug/ml



#6 2-Fluorobiphenyl (SURR)

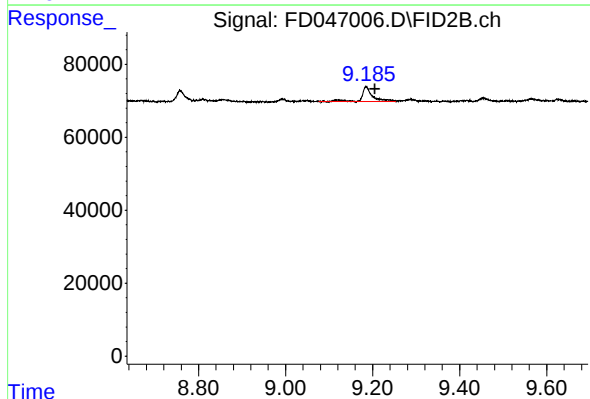
R.T.: 8.333 min  
Delta R.T.: 0.004 min  
Response: 56997  
Conc: 0.52 ug/ml



#7 Acenaphthene (C15.5)

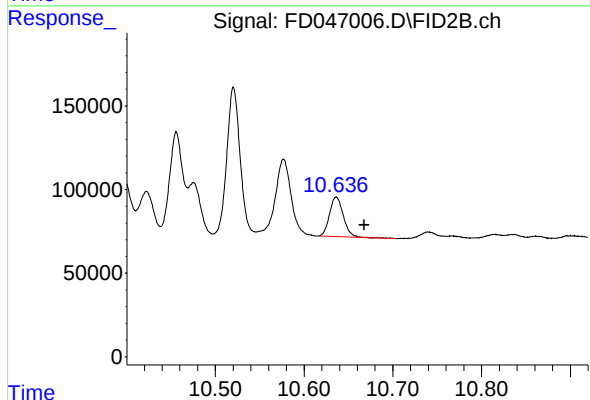
R.T.: 8.425 min  
Delta R.T.: -0.001 min  
Response: 46127  
Conc: 0.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



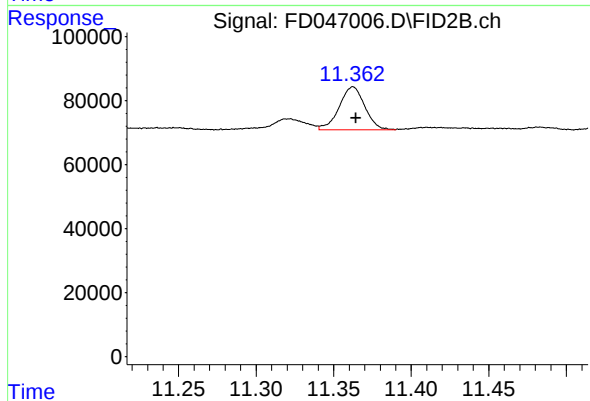
#8 Fluorene (C16.55)

R.T.: 9.185 min  
Delta R.T.: -0.021 min  
Response: 64750  
Conc: 0.38 ug/ml



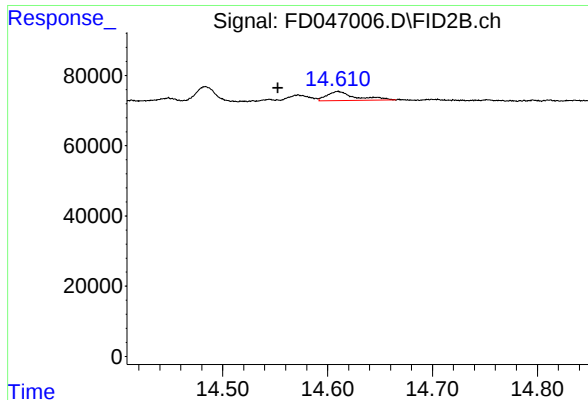
#10 Anthracene (C19.43)

R.T.: 10.636 min  
Delta R.T.: -0.032 min  
Response: 256013  
Conc: 1.66 ug/ml



#11 ortho-Terphenyl (SURR)

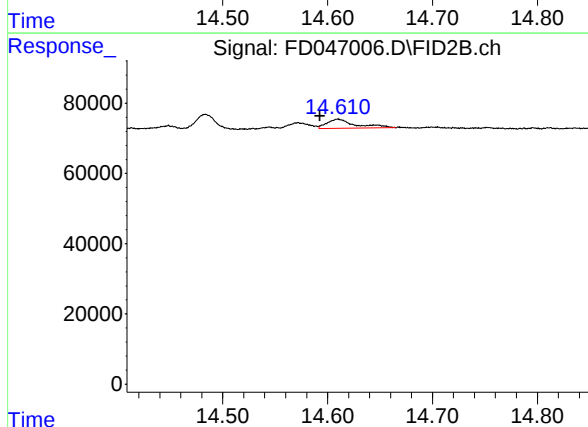
R.T.: 11.362 min  
Delta R.T.: -0.002 min  
Response: 155300  
Conc: 0.78 ug/ml



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

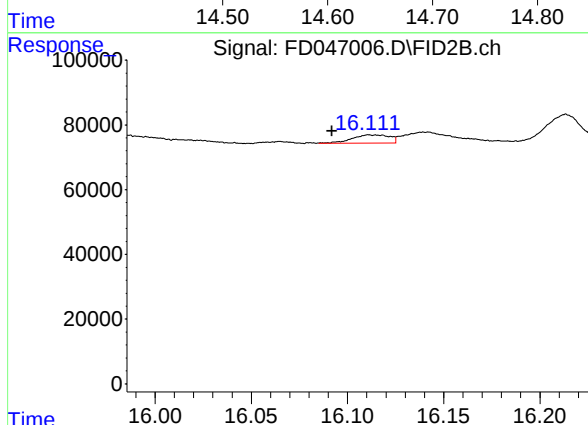
R.T.: 14.610 min  
Delta R.T.: 0.057 min  
Response: 49212  
Conc: 0.38 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



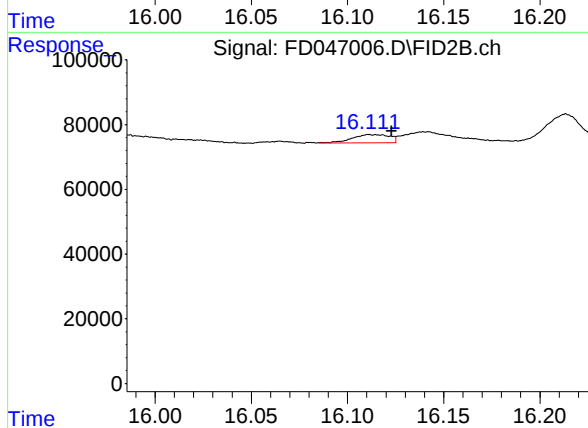
#15 Chrysene (C27.41)

R.T.: 14.610 min  
Delta R.T.: 0.017 min  
Response: 49212  
Conc: 0.34 ug/ml



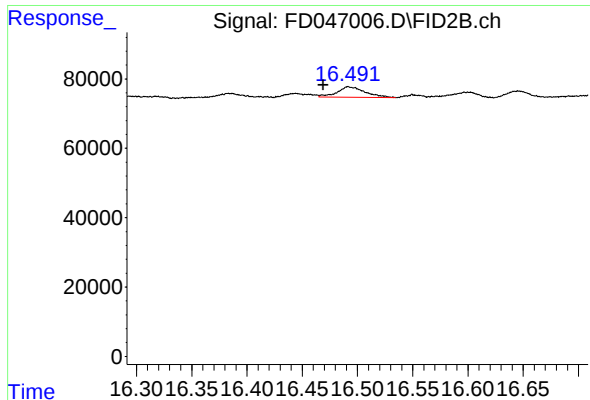
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.113 min  
Delta R.T.: 0.021 min  
Response: 34884  
Conc: 0.26 ug/ml



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

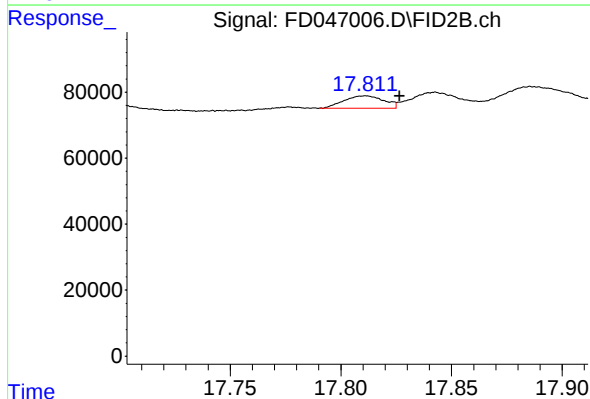
R.T.: 16.113 min  
Delta R.T.: -0.010 min  
Response: 34884  
Conc: 0.26 ug/ml



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

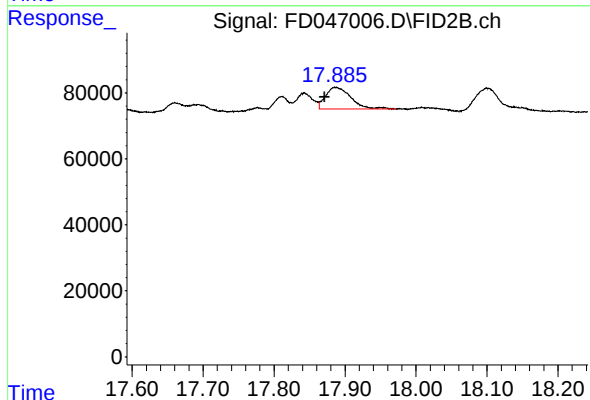
R.T.: 16.493 min  
Delta R.T.: 0.024 min  
Response: 52196  
Conc: 0.40 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



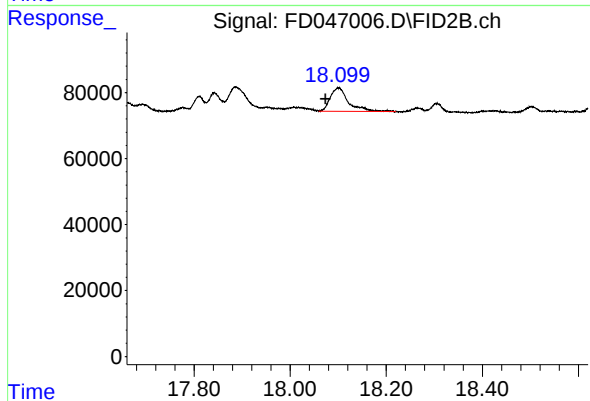
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min  
Delta R.T.: -0.016 min  
Response: 47662  
Conc: 0.40 ug/ml



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

R.T.: 17.887 min  
Delta R.T.: 0.015 min  
Response: 163429  
Conc: 1.26 ug/ml



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

R.T.: 18.100 min  
Delta R.T.: 0.026 min  
Response: 186476  
Conc: 1.43 ug/ml