Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120718AR\
Data File : FD026770.D
Signal(s) : FID2B.CH
Acq On : 07 Dec 2018 20:31
Operator : AJ\SJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 08 06:20:09 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
Quant Title : GC Extractables
QLast Update : Sat Dec 08 06:14:28 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... | 7.379 | 842552 | 10.433 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 20.87% |
| 6) S 2-Flurobiphenyl (SURR) | 8.228 | 575991 | 10.388 ug/ml |
| Spiked Amount 50.000 Range | 0 - 131 | Recovery = | 20.78% |
| 11) S ortho-Terphenyl (SURR) | 11.271 | 990167 | 10.741 ug/ml |
| Spiked Amount 50.000 | | Recovery = | 21.48% |
| Target Compounds | | | |
| 1) T 1,2,3-Trimethylbenzen... | 4.184 | 890580 | 10.303 ug/ml |
| 2) T Naphthalene (C11.7) | 5.714 | 966575 | 10.359 ug/ml |
| 3) T 2-Methylnaphthalene (... | 6.764 | 955638 | 10.368 ug/ml |
| 5) T Acenaphthylene (C15.06) | 8.032 | 932492 | 10.447 ug/ml |
| 7) T Acenaphthene (C15.5) | 8.327 | 978030 | 10.473 ug/ml |
| 8) T Flouorene (C16.55) | 9.105 | 975265 | 10.511 ug/ml |
| 9) T Phenanthrene (C19.36) | 10.493 | 978778 | 10.528 ug/ml |
| 10) T Anthracene (C19.43) | 10.567 | 973206 | 10.534 ug/ml |
| 12) T Fluoranthene (C21.85) | 12.298 | 995787 | 10.583 ug/ml |
| 13) T Pyrene (C20.8) | 12.591 | 998269 | 10.571 ug/ml |
| 14) T Benzo[a]anthracene (C... | 14.460 | 957180 | 10.354 ug/ml |
| 15) T Chrysene (C27.41) | 14.501 | 963199 | 10.382 ug/ml |
| 16) T benzo[b]fluoranthene ... | 16.004 | 999423 | 10.206 ug/ml |
| 17) T Bnezo[k]fluoranthene ... | 16.036 | 997893 | 10.256 ug/ml |
| 18) T Benzo[a]pyrene (C31.34) | 16.379 | 1006391 | 10.200 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren... | 17.740 | 1065377 | 10.277 ug/ml |
| 20) T Dibenz[a,h]anthracene... | 17.783 | 1016861 | 10.226 ug/ml |
| 21) T Benzo[g,h,i]perylene ... | 17.990 | 1051556 | 10.200 ug/ml |

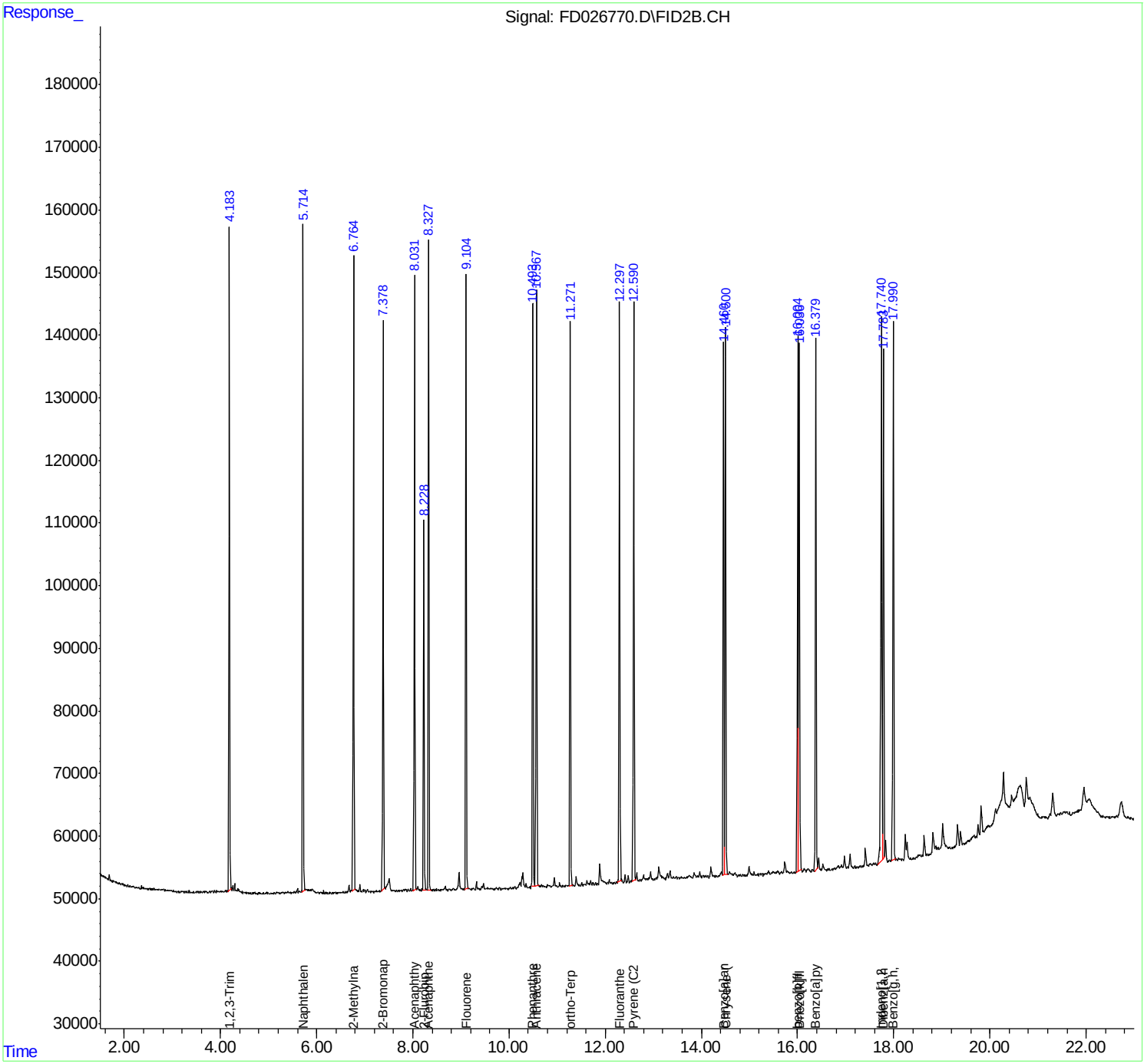
(f)=RT Delta > 1/2 Window (m)=manual int.

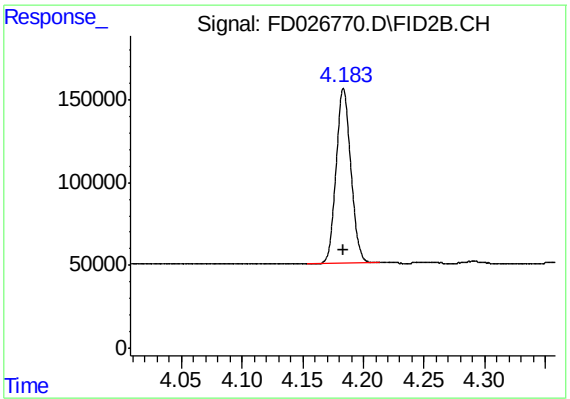
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120718AR\
Data File : FD026770.D
Signal(s) : FID2B.CH
Acq On : 07 Dec 2018 20:31
Operator : AJ\SJ
Sample : 10 PPM AROMATIC HC STD4
Misc :
ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Dec 08 06:20:09 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
Quant Title : GC Extractables
QLast Update : Sat Dec 08 06:14:28 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

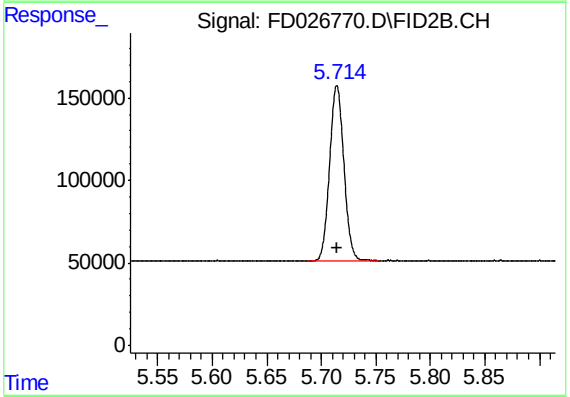
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





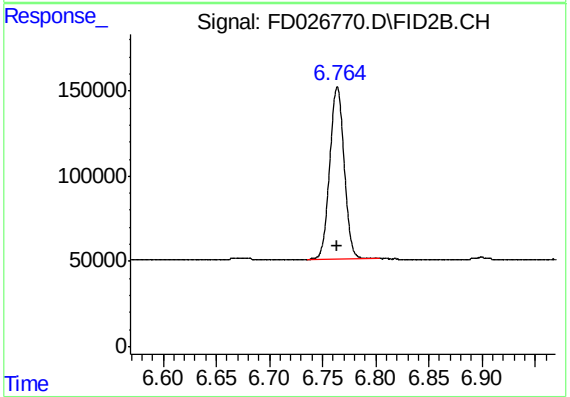

#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 890580
Conc: 10.30 ug/ml



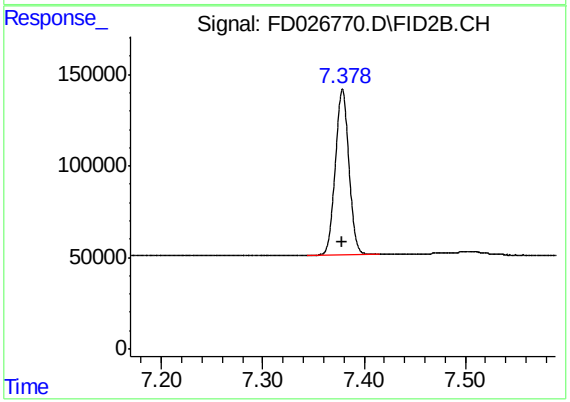

#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 966575
Conc: 10.36 ug/ml



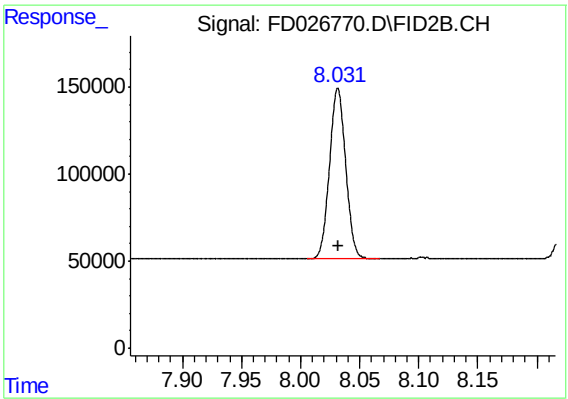

#3 2-Methylnaphthalene (C12.89)

R.T.: 6.764 min
Delta R.T.: 0.000 min
Response: 955638
Conc: 10.37 ug/ml



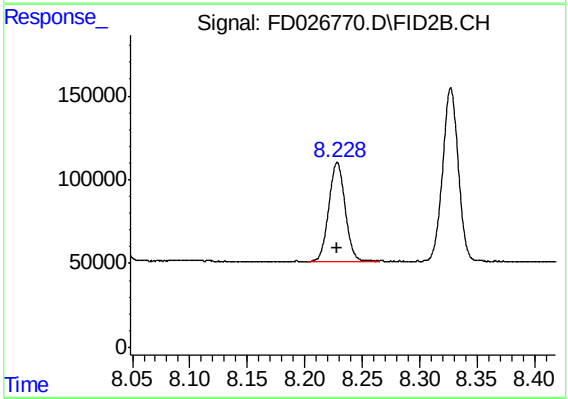

#4 2-Bromonaphthalene (SURR)

R.T.: 7.379 min
Delta R.T.: 0.000 min
Response: 842552
Conc: 10.43 ug/ml



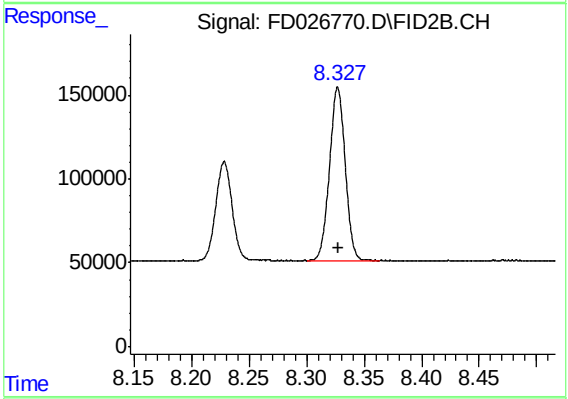

#5 Acenaphthylene (C15.06)

```
      R.T.:    8.032 min
Delta R.T.:    0.000 min
  Response:    932492
      Conc:  10.45 ug/ml
```



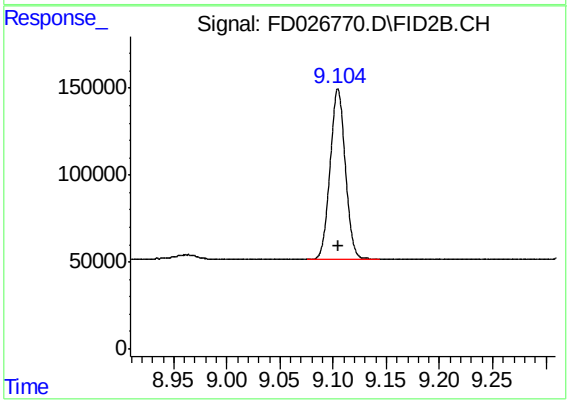

#6 2-Flurobiphenyl (SURR)

```
      R.T.:    8.228 min
Delta R.T.:    0.000 min
  Response:    575991
      Conc:  10.39 ug/ml
```



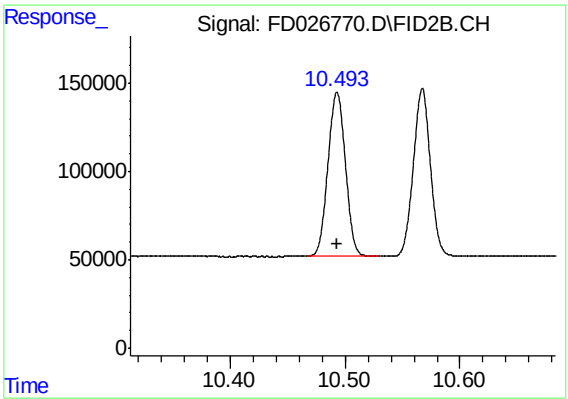

#7 Acenaphthene (C15.5)

```
      R.T.:    8.327 min
Delta R.T.:    0.000 min
  Response:    978030
      Conc:  10.47 ug/ml
```



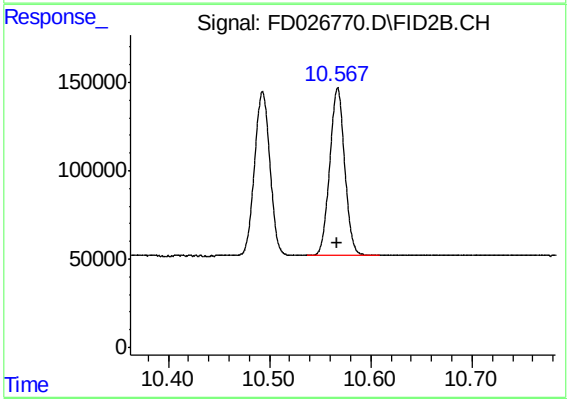

#8 Flouorene (C16.55)

```
      R.T.:    9.105 min
Delta R.T.:    0.000 min
  Response:    975265
      Conc:  10.51 ug/ml
```



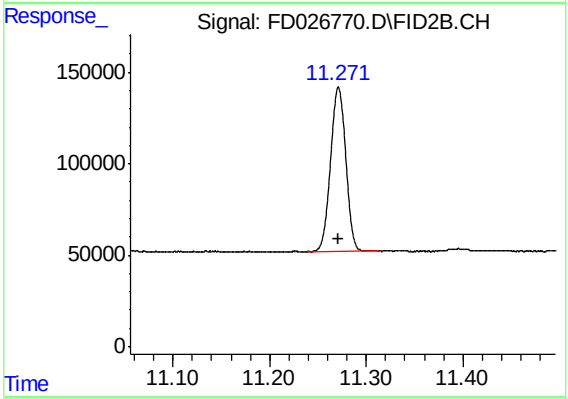

#9 Phenanthrene (C19.36)

R.T.: 10.493 min
Delta R.T.: 0.000 min
Response: 978778
Conc: 10.53 ug/ml



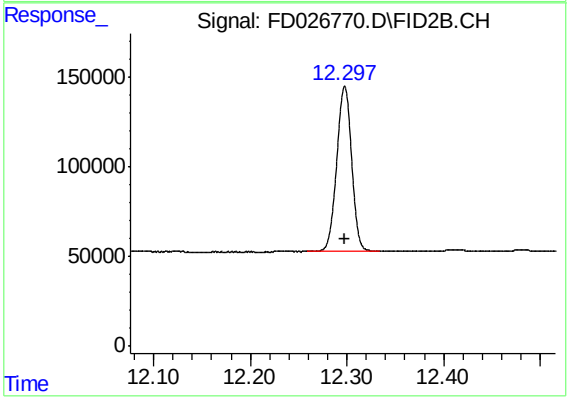

#10 Anthracene (C19.43)

R.T.: 10.567 min
Delta R.T.: 0.000 min
Response: 973206
Conc: 10.53 ug/ml



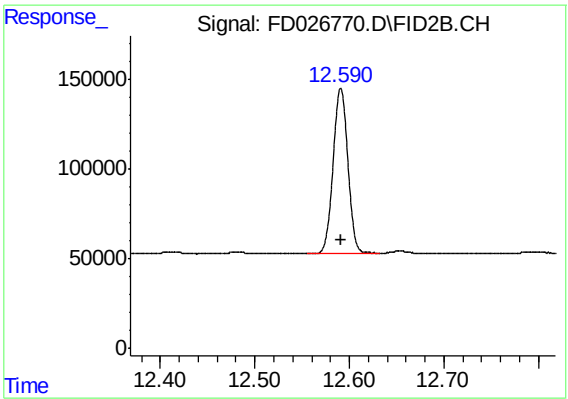

#11 ortho-Terphenyl (SURR)

R.T.: 11.271 min
Delta R.T.: 0.000 min
Response: 990167
Conc: 10.74 ug/ml



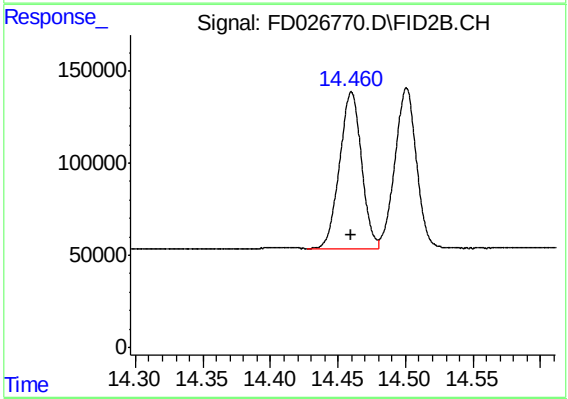

#12 Fluoranthene (C21.85)

R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 995787
Conc: 10.58 ug/ml



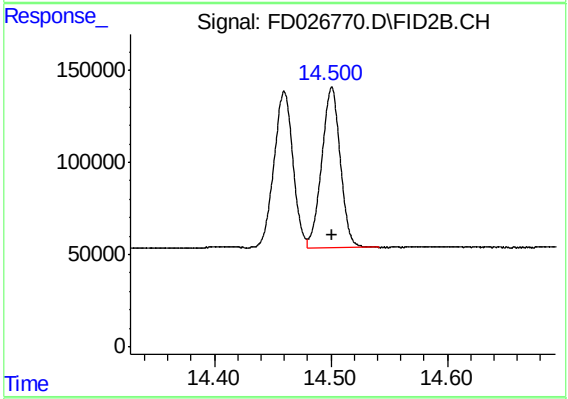

#13 Pyrene (C20.8)

R.T.: 12.591 min
Delta R.T.: 0.000 min
Response: 998269
Conc: 10.57 ug/ml



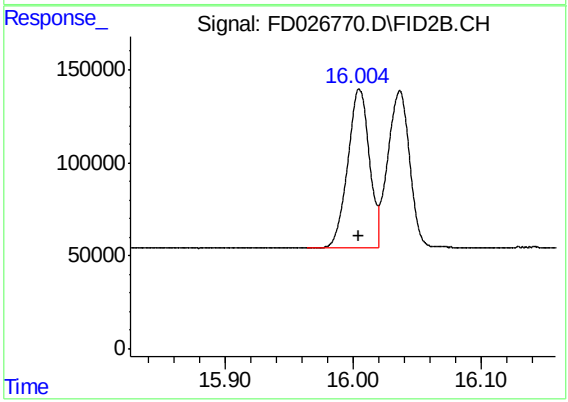

#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min
Delta R.T.: 0.000 min
Response: 957180
Conc: 10.35 ug/ml



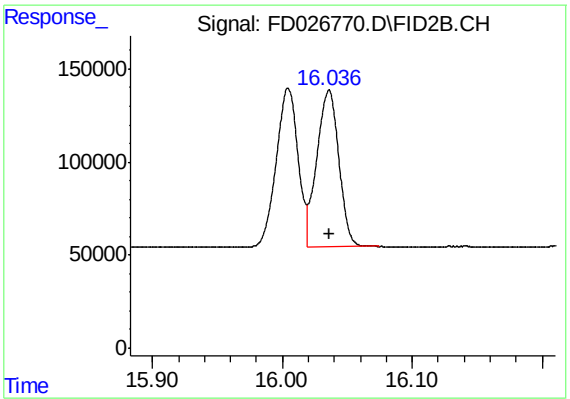

#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: 0.000 min
Response: 963199
Conc: 10.38 ug/ml



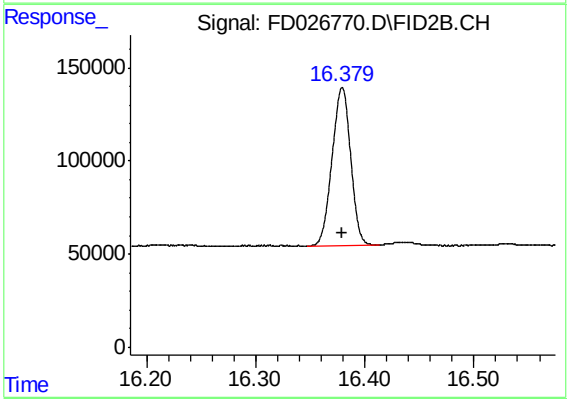

#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.004 min
Delta R.T.: 0.000 min
Response: 999423
Conc: 10.21 ug/ml



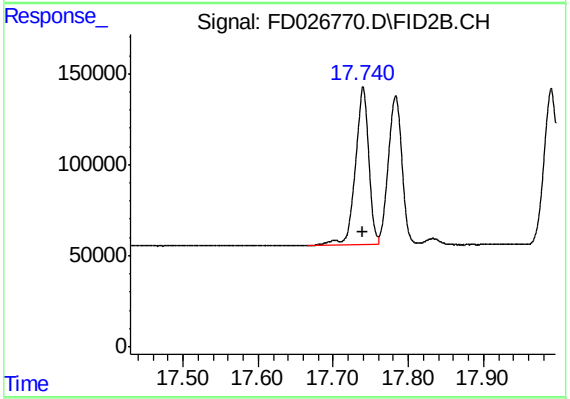

#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.036 min
Delta R.T.: 0.000 min
Response: 997893
Conc: 10.26 ug/ml



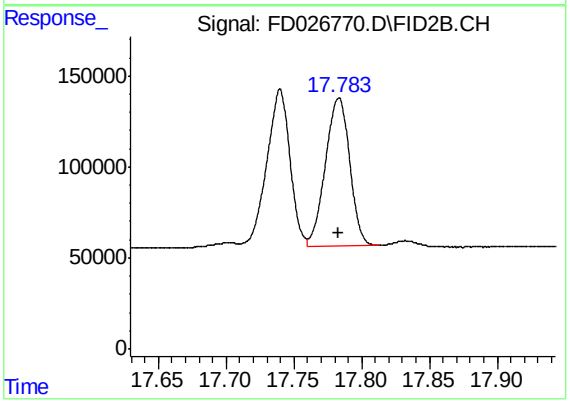

#18 Benzo[a]pyrene (C31.34)

R.T.: 16.379 min
Delta R.T.: 0.000 min
Response: 1006391
Conc: 10.20 ug/ml



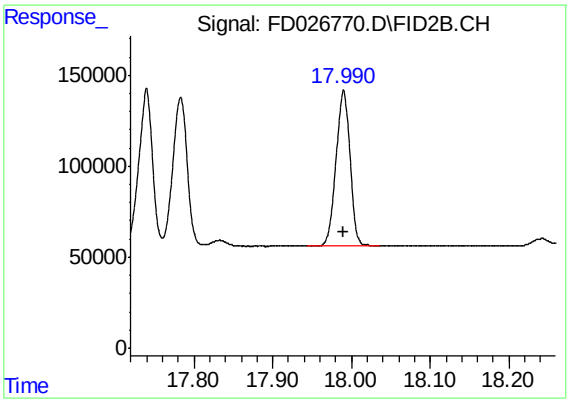

#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.000 min
Response: 1065377
Conc: 10.28 ug/ml




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

R.T.: 17.783 min
Delta R.T.: 0.000 min
Response: 1016861
Conc: 10.23 ug/ml




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

R.T.: 17.990 min
Delta R.T.: 0.000 min
Response: 1051556
Conc: 10.20 ug/ml