

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD092022AR\  
 Data File : FD043925.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Sep 2022 06:41  
 Operator : YP/AJ  
 Sample : N4630-09 10X  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 WC-17-4-2-GR

Integration File: autoint1.e  
 Quant Time: Sep 21 07:11:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 091522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 14 19:37:45 2022  
 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...      | 7.431  | 559391     | 4.251 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 8.50%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.290  | 322401     | 4.469 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 8.94%        |
| 11) S ortho-Terphenyl (SURR)       | 11.314 | 706113     | 3.790 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 7.58%        |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.244  | 34535      | 0.230 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.782  | 128360     | 0.901 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.818  | 465567     | 3.182 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.378  | 407408     | 2.328 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.159  | 470946     | 3.204 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.548 | 2078687    | 14.364 ug/ml |
| 10) T Anthracene (C19.43)          | 10.630 | 397675     | 2.710 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.359 | 1539685    | 10.039 ug/ml |
| 13) T Pyrene (C20.8)               | 12.650 | 899525     | 6.047 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.525 | 672287     | 6.014 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.563 | 841446     | 5.384 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.075 | 1624545    | 13.931 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.075 | 1624545    | 10.942 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.455 | 876889     | 7.239 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.826 | 317366     | 3.338 ug/ml  |
| 20) T Dibenzo[a,h]anthracene...    | 17.826 | 317366     | 2.642 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.073 | 751628     | 6.596 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

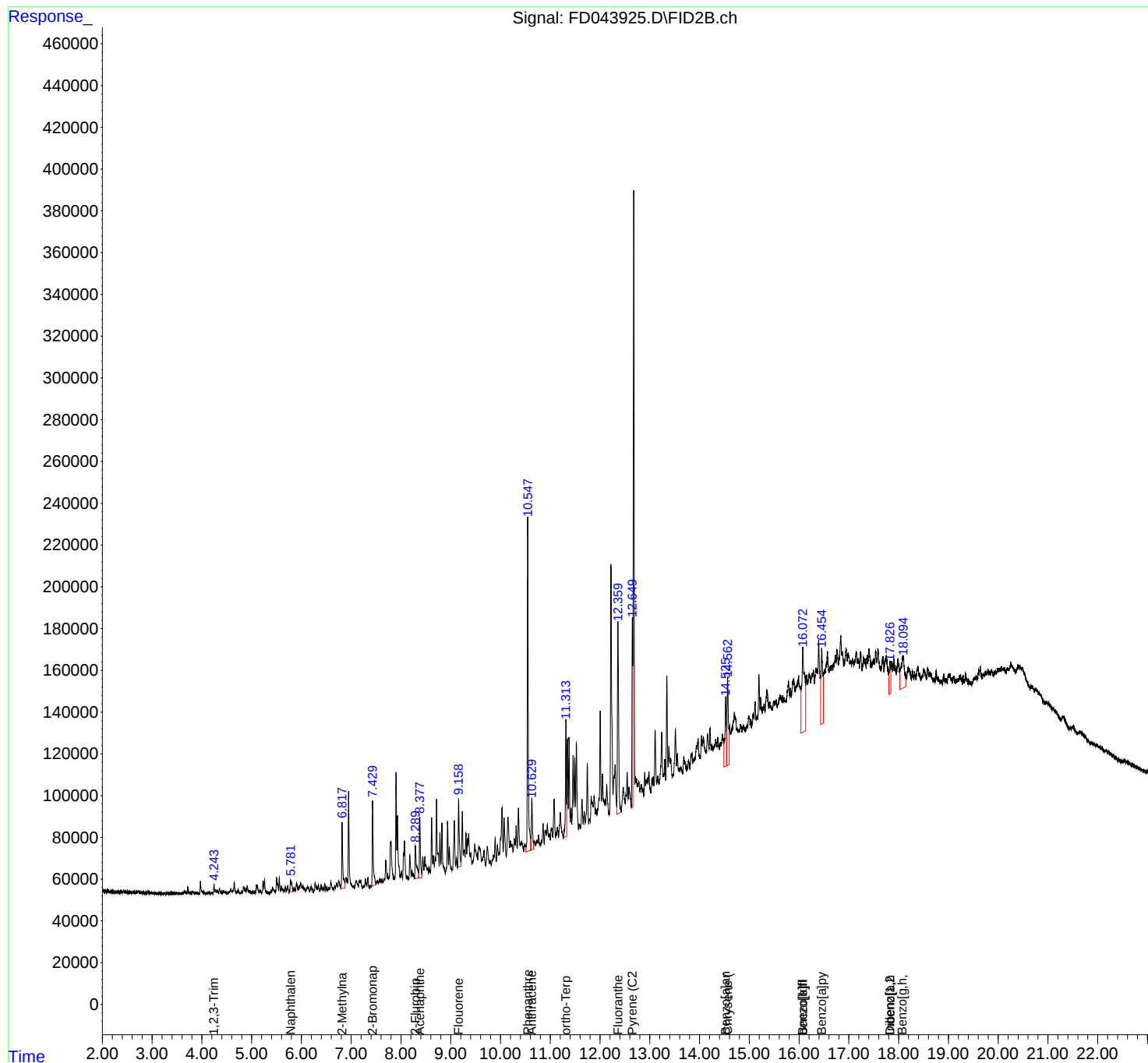
(m)=manual int.

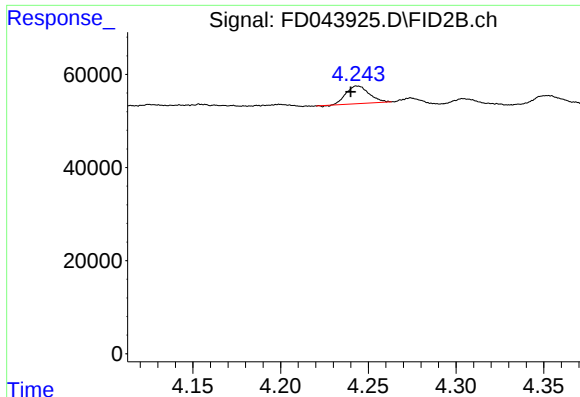
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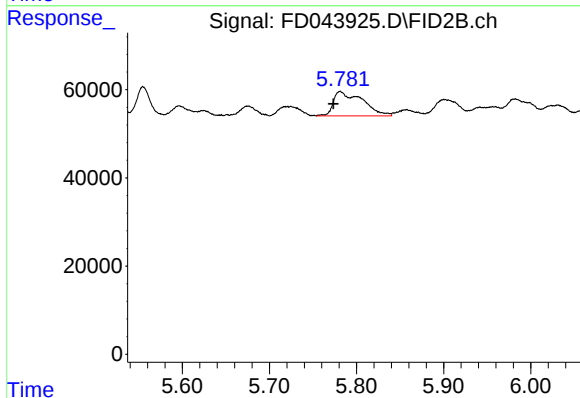




#1 1,2,3-Trimethylbenzene (C10.1)

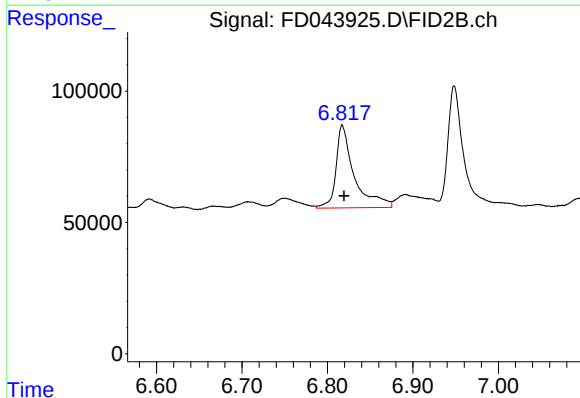
R.T.: 4.244 min  
Delta R.T.: 0.004 min  
Response: 34535  
Conc: 0.23 ug/ml

Instrument :  
FID\_D  
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WC-17-4-2-GR



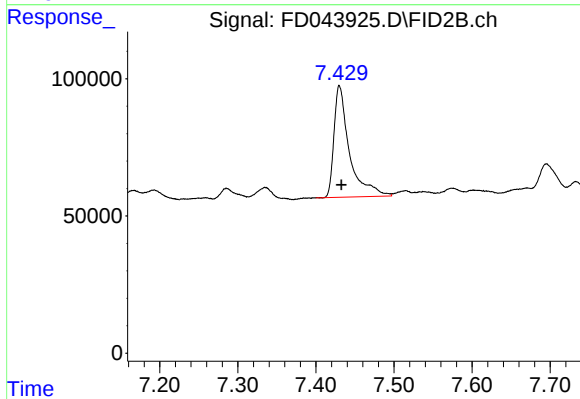
#2 Naphthalene (C11.7)

R.T.: 5.782 min  
Delta R.T.: 0.008 min  
Response: 128360  
Conc: 0.90 ug/ml



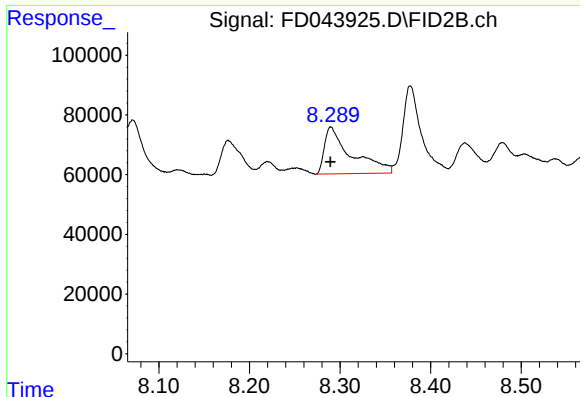
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.818 min  
Delta R.T.: -0.001 min  
Response: 465567  
Conc: 3.18 ug/ml



#4 2-Bromonaphthalene (SURR)

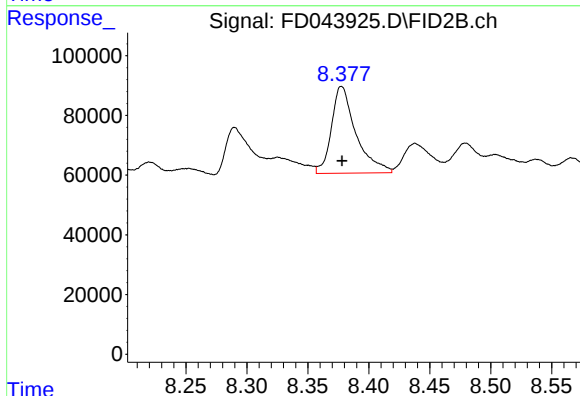
R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 559391  
Conc: 4.25 ug/ml



#6 2-Fluorobiphenyl (SURR)

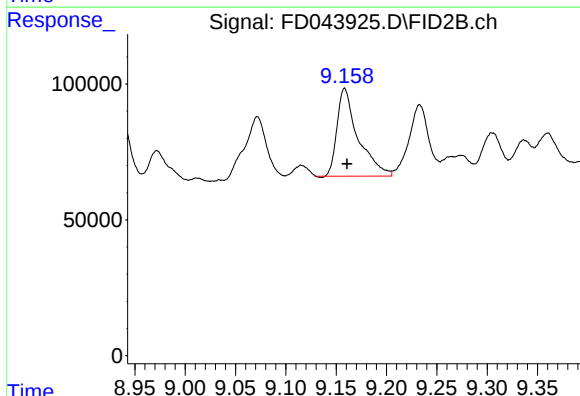
R.T.: 8.290 min  
Delta R.T.: 0.000 min  
Response: 322401  
Conc: 4.47 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
WC-17-4-2-GR



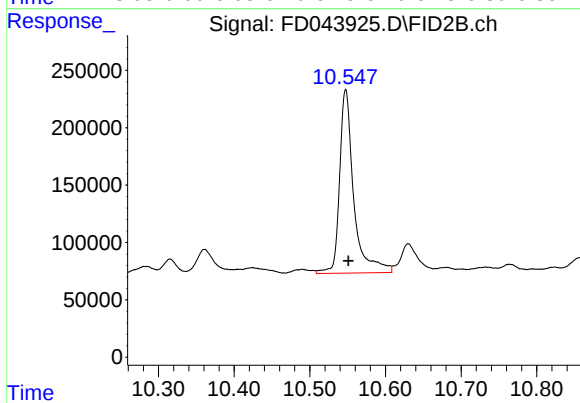
#7 Acenaphthene (C15.5)

R.T.: 8.378 min  
Delta R.T.: 0.000 min  
Response: 407408  
Conc: 2.33 ug/ml



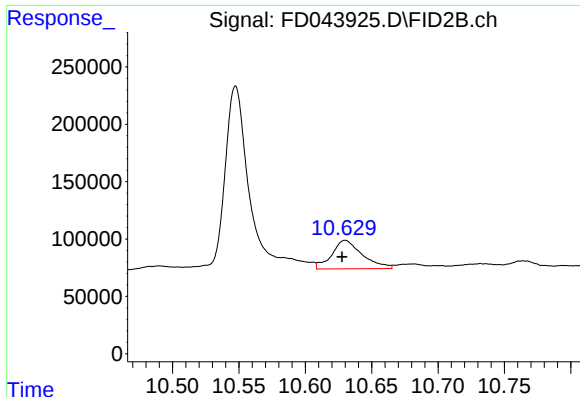
#8 Flouorene (C16.55)

R.T.: 9.159 min  
Delta R.T.: -0.002 min  
Response: 470946  
Conc: 3.20 ug/ml



#9 Phenanthrene (C19.36)

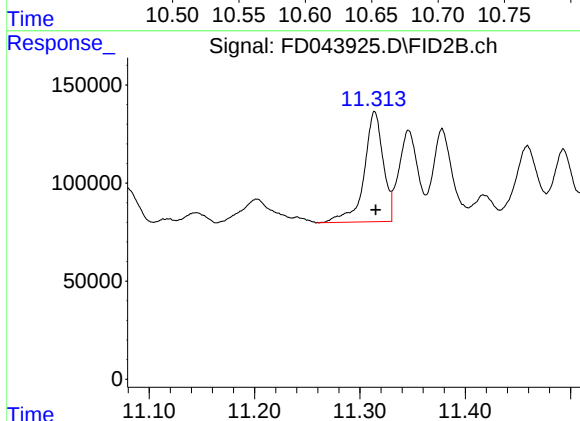
R.T.: 10.548 min  
Delta R.T.: -0.004 min  
Response: 2078687  
Conc: 14.36 ug/ml



#10 Anthracene (C19.43)

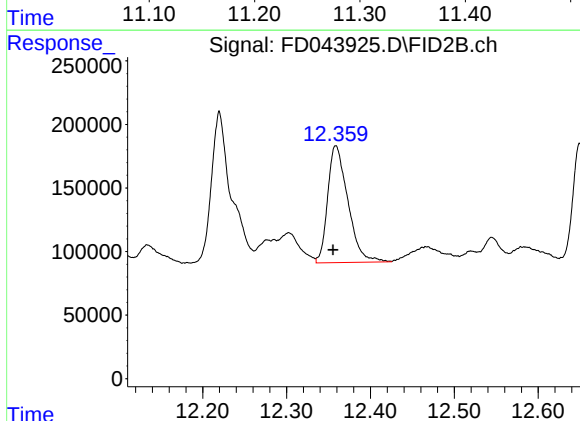
R.T.: 10.630 min  
Delta R.T.: 0.002 min  
Response: 397675  
Conc: 2.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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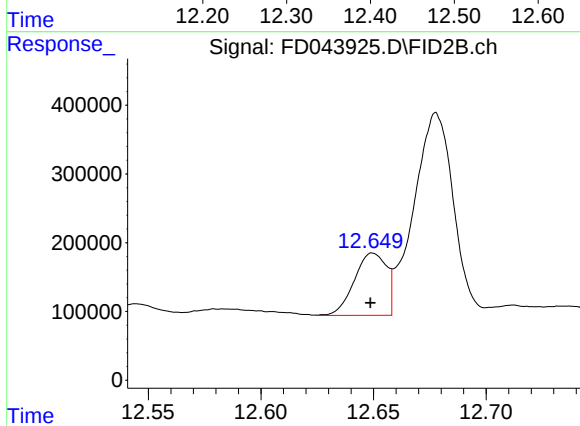
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min  
Delta R.T.: 0.000 min  
Response: 706113  
Conc: 3.79 ug/ml



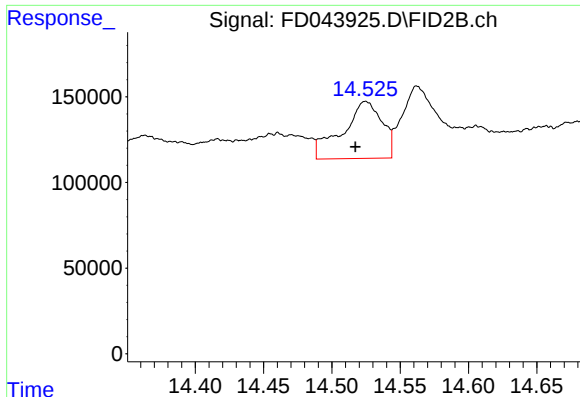
#12 Fluoranthene (C21.85)

R.T.: 12.359 min  
Delta R.T.: 0.004 min  
Response: 1539685  
Conc: 10.04 ug/ml



#13 Pyrene (C20.8)

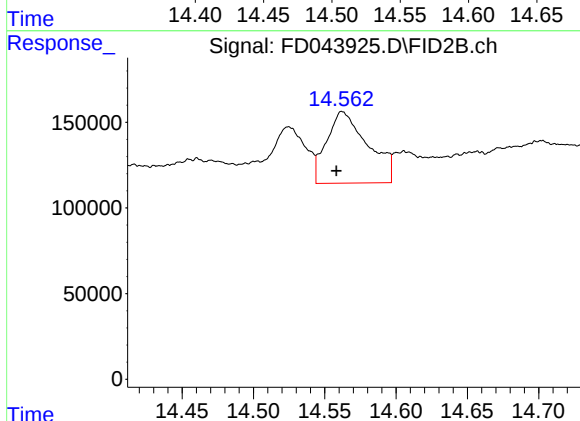
R.T.: 12.650 min  
Delta R.T.: 0.001 min  
Response: 899525  
Conc: 6.05 ug/ml



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

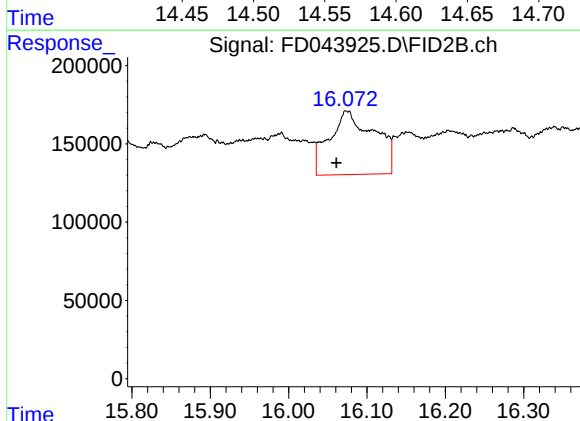
R.T.: 14.525 min  
Delta R.T.: 0.008 min  
Response: 672287  
Conc: 6.01 ug/ml

Instrument :  
FID\_D  
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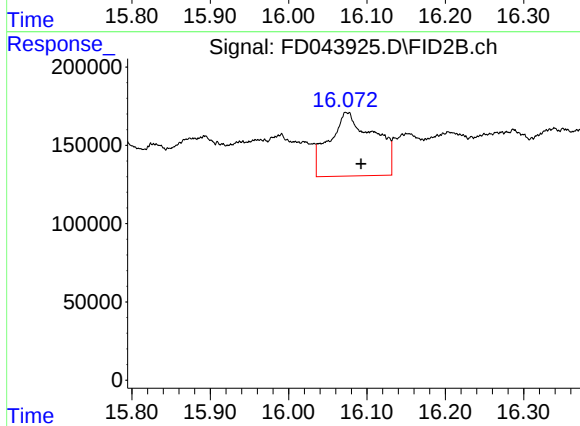
#15 Chrysene (C27.41)

R.T.: 14.563 min  
Delta R.T.: 0.005 min  
Response: 841446  
Conc: 5.38 ug/ml



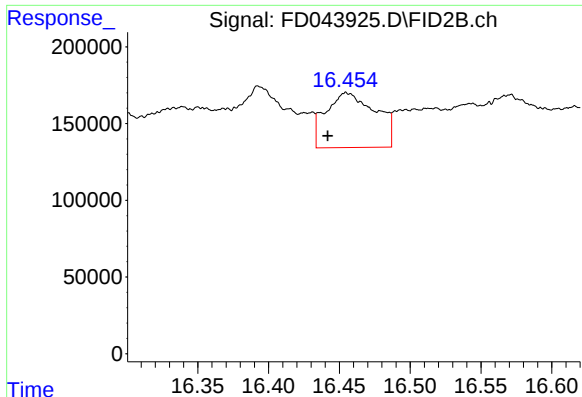
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.075 min  
Delta R.T.: 0.014 min  
Response: 1624545  
Conc: 13.93 ug/ml



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

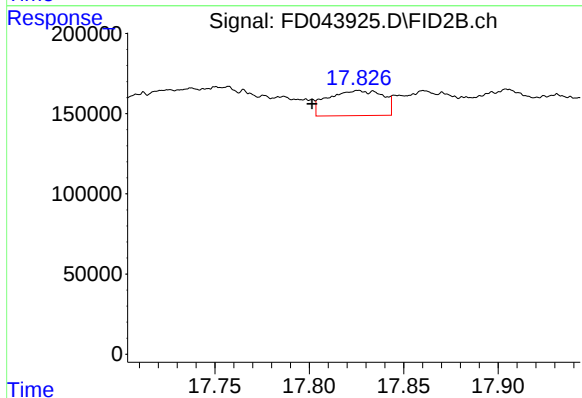
R.T.: 16.075 min  
Delta R.T.: -0.018 min  
Response: 1624545  
Conc: 10.94 ug/ml



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

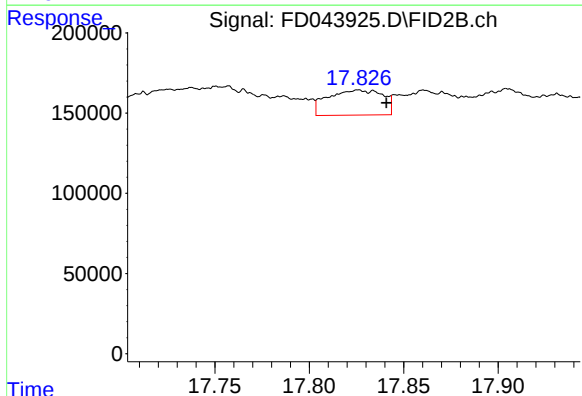
R.T.: 16.455 min  
Delta R.T.: 0.014 min  
Response: 876889  
Conc: 7.24 ug/ml

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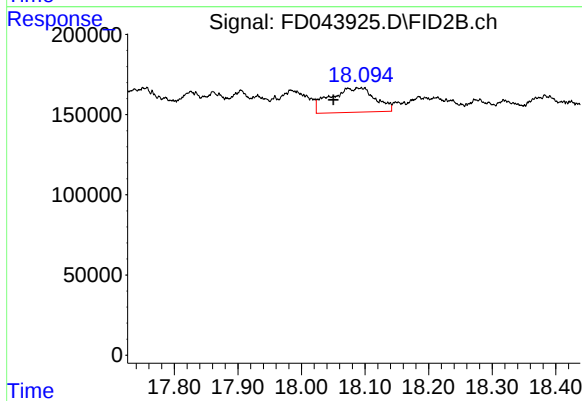
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min  
Delta R.T.: 0.024 min  
Response: 317366  
Conc: 3.34 ug/ml



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

R.T.: 17.826 min  
Delta R.T.: -0.015 min  
Response: 317366  
Conc: 2.64 ug/ml



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

R.T.: 18.073 min  
Delta R.T.: 0.023 min  
Response: 751628  
Conc: 6.60 ug/ml