

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062323AR\  
 Data File : FD045934.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Jun 2023 19:59  
 Operator : YP/AJ  
 Sample : 03329-21  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 24 00:31:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 27 06:44:25 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...      | 7.521  | 6627513    | 36.761 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 73.52%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.376  | 4101160    | 34.112 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 68.22%       |
| 11) S ortho-Terphenyl (SURR)       | 11.415 | 6191283    | 27.718 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 55.44%       |
| Target Compounds                   |        |            |              |
| 2) T Naphthalene (C11.7)           | 5.859  | 127442     | 0.601 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.908  | 70820      | 0.335 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.178  | 108094     | 0.571 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.472  | 160274     | 0.793 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.250  | 181688     | 0.917 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.641 | 1862661    | 9.736 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.713 | 423972     | 2.489 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.446 | 3210445    | 17.377 ug/ml |
| 13) T Pyrene (C20.8)               | 12.740 | 2714568    | 15.199 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.643 | 1479076    | 9.447 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.643 | 1479076    | 8.965 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.173 | 603508     | 3.988 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.173 | 603508     | 3.898 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.518 | 1327434    | 9.077 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.916 | 217545     | 1.485 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 17.956 | 94561      | 0.630 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.163 | 21816      | 0.148 ug/ml  |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

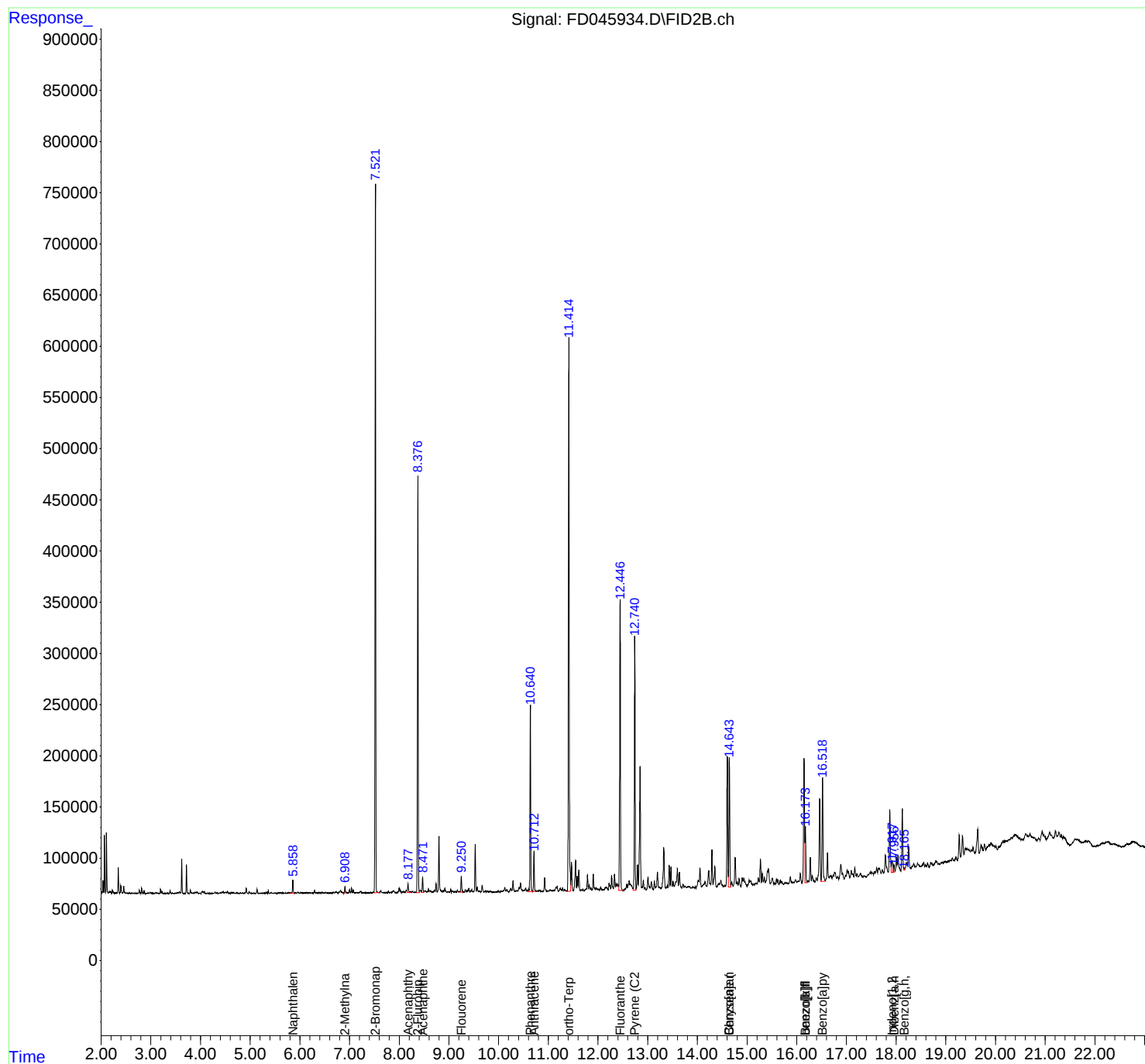
(m)=manual int.

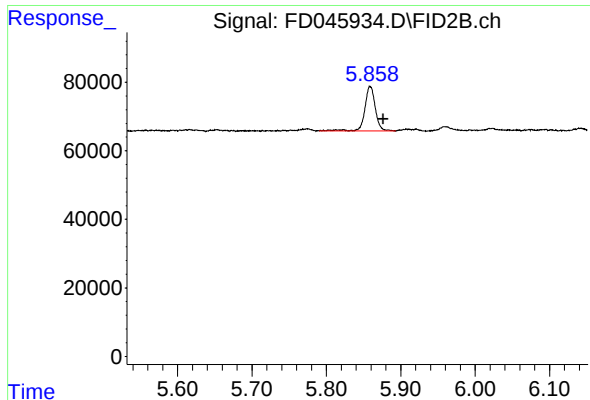
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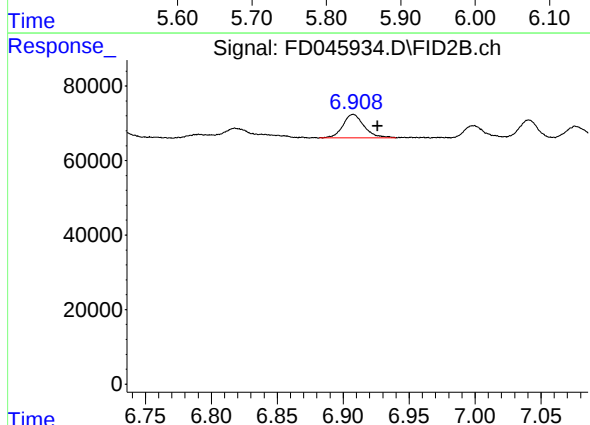




#2 Naphthalene (C11.7)

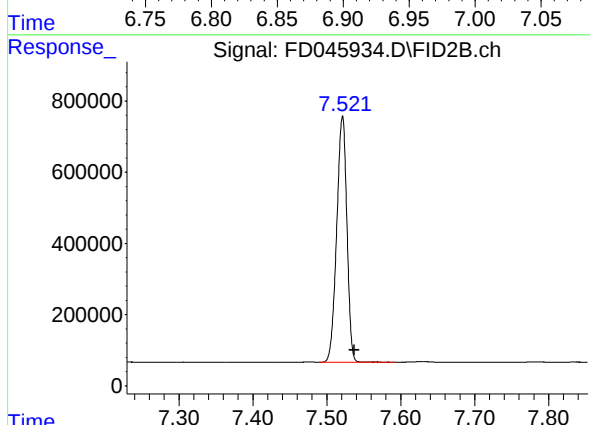
R.T.: 5.859 min  
Delta R.T.: -0.017 min  
Response: 127442  
Conc: 0.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



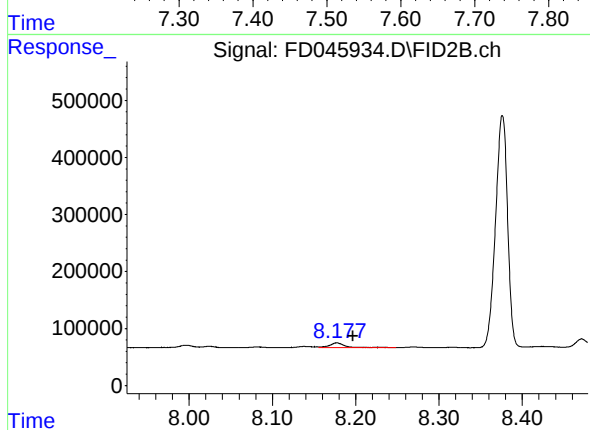
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min  
Delta R.T.: -0.018 min  
Response: 70820  
Conc: 0.34 ug/ml



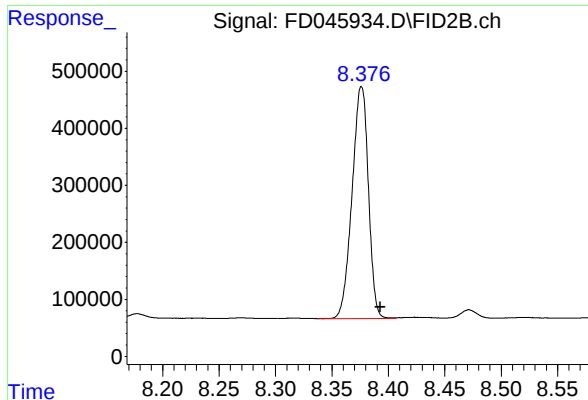
#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min  
Delta R.T.: -0.016 min  
Response: 6627513  
Conc: 36.76 ug/ml



#5 Acenaphthylene (C15.06)

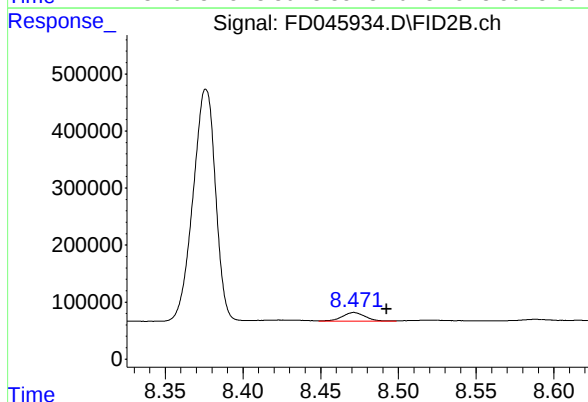
R.T.: 8.178 min  
Delta R.T.: -0.019 min  
Response: 108094  
Conc: 0.57 ug/ml



#6 2-Fluorobiphenyl (SURR)

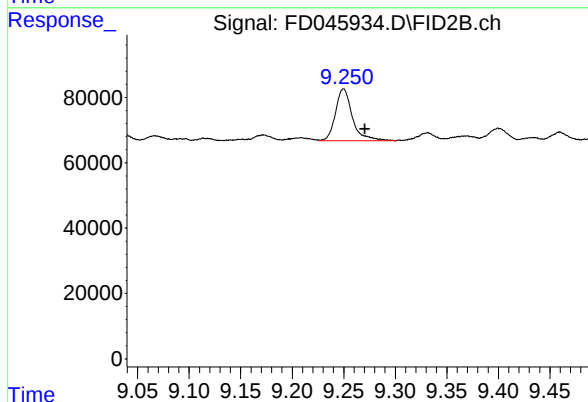
R.T.: 8.376 min  
Delta R.T.: -0.017 min  
Response: 4101160  
Conc: 34.11 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



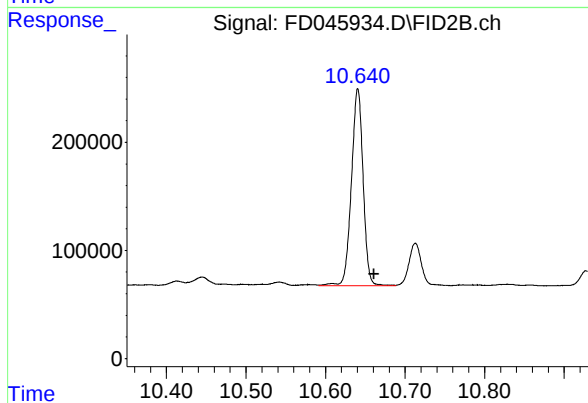
#7 Acenaphthene (C15.5)

R.T.: 8.472 min  
Delta R.T.: -0.021 min  
Response: 160274  
Conc: 0.79 ug/ml



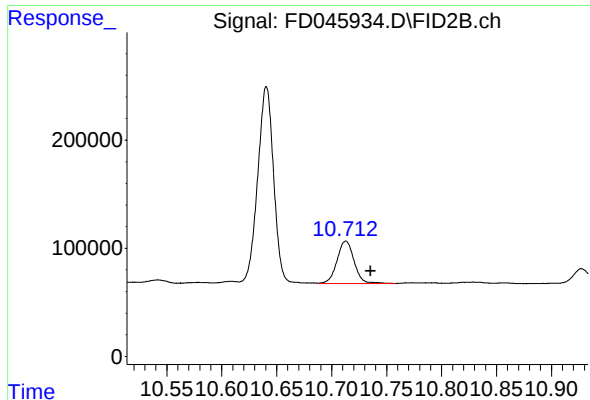
#8 Flouorene (C16.55)

R.T.: 9.250 min  
Delta R.T.: -0.021 min  
Response: 181688  
Conc: 0.92 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.641 min  
Delta R.T.: -0.021 min  
Response: 1862661  
Conc: 9.74 ug/ml



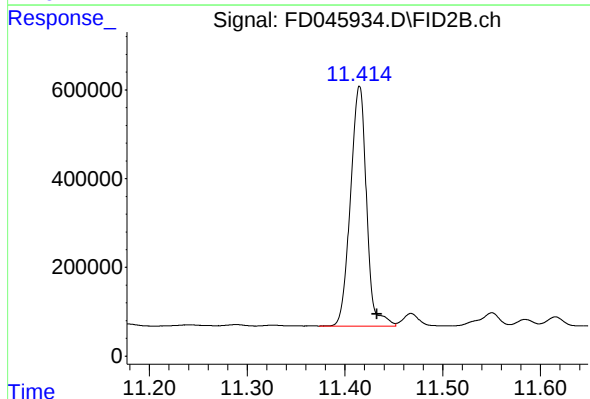
#10 Anthracene (C19.43)

R.T.: 10.713 min  
Delta R.T.: -0.022 min  
Response: 423972  
Conc: 2.49 ug/ml

Instrument :

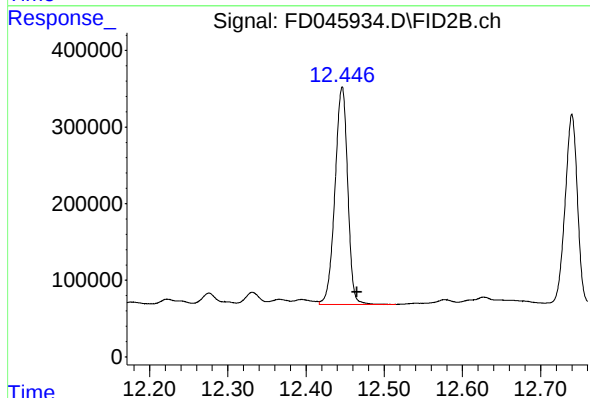
FID\_D

ClientSampleId :



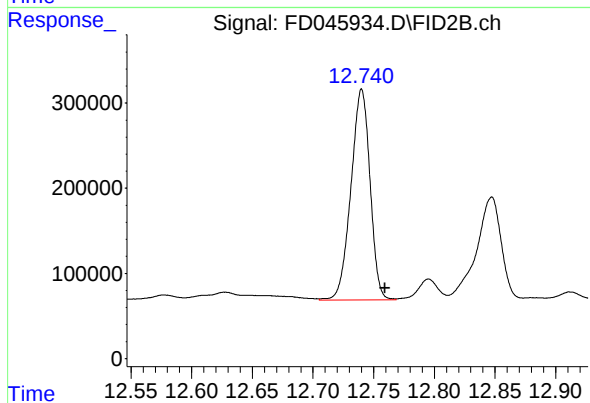
#11 ortho-Terphenyl (SURR)

R.T.: 11.415 min  
Delta R.T.: -0.018 min  
Response: 6191283  
Conc: 27.72 ug/ml



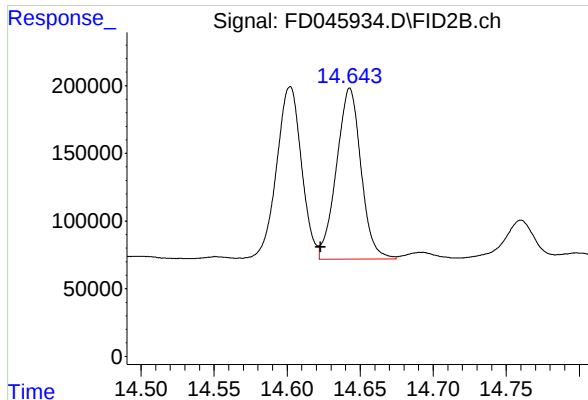
#12 Fluoranthene (C21.85)

R.T.: 12.446 min  
Delta R.T.: -0.019 min  
Response: 3210445  
Conc: 17.38 ug/ml



#13 Pyrene (C20.8)

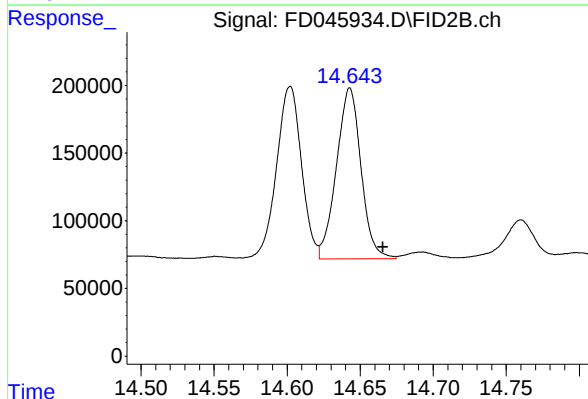
R.T.: 12.740 min  
Delta R.T.: -0.019 min  
Response: 2714568  
Conc: 15.20 ug/ml



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

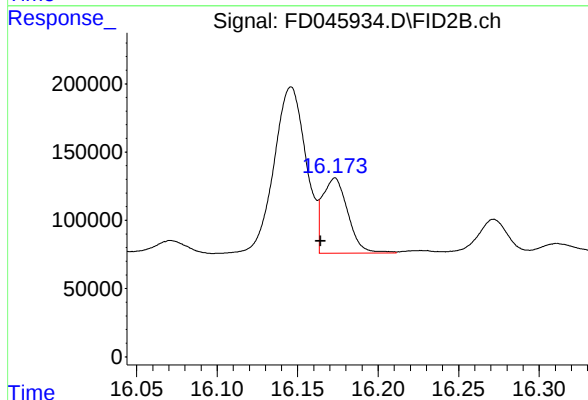
R.T.: 14.643 min  
Delta R.T.: 0.020 min  
Response: 1479076  
Conc: 9.45 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



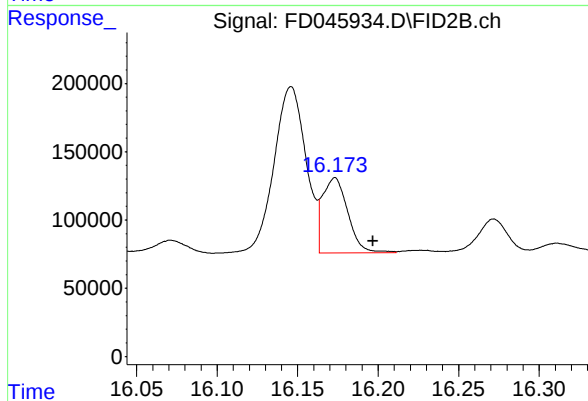
#15 Chrysene (C27.41)

R.T.: 14.643 min  
Delta R.T.: -0.023 min  
Response: 1479076  
Conc: 8.97 ug/ml



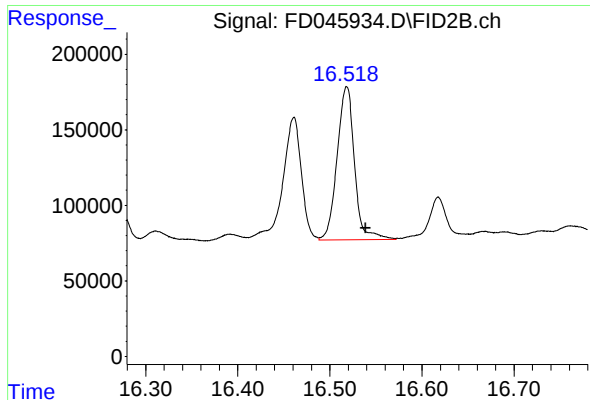
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.173 min  
Delta R.T.: 0.008 min  
Response: 603508  
Conc: 3.99 ug/ml



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

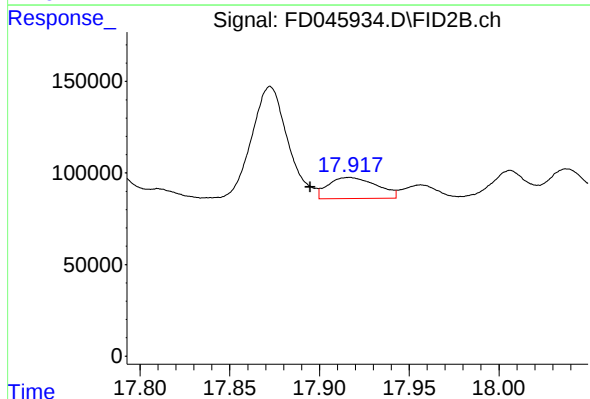
R.T.: 16.173 min  
Delta R.T.: -0.024 min  
Response: 603508  
Conc: 3.90 ug/ml



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

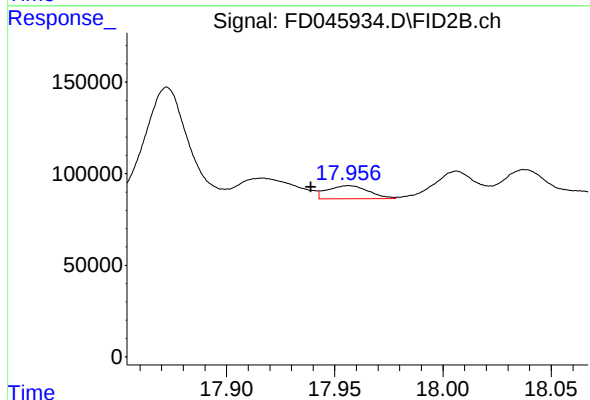
R.T.: 16.518 min  
Delta R.T.: -0.021 min  
Response: 1327434  
Conc: 9.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



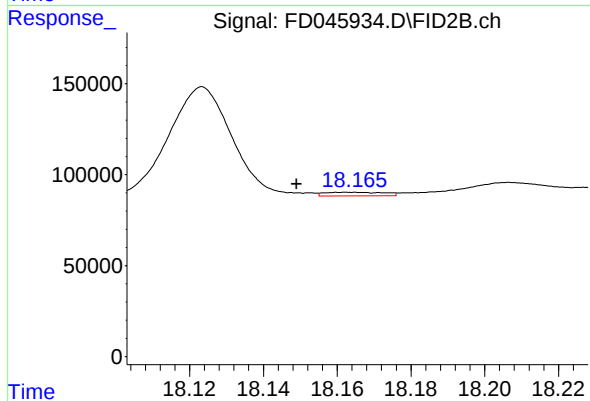
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.916 min  
Delta R.T.: 0.021 min  
Response: 217545  
Conc: 1.49 ug/ml



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

R.T.: 17.956 min  
Delta R.T.: 0.017 min  
Response: 94561  
Conc: 0.63 ug/ml



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

R.T.: 18.163 min  
Delta R.T.: 0.014 min  
Response: 21816  
Conc: 0.15 ug/ml