

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062723AR\  
 Data File : FD046039.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Jun 2023 20:52  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Jun 29 02:16:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062423.M  
 Quant Title : GC Extractables  
 QLast Update : Sun Jun 25 04:38:13 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...      | 7.517  | 4117731    | 19.108 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.22%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.372  | 2648419    | 19.136 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.27%       |
| 11) S ortho-Terphenyl (SURR)       | 11.411 | 4849862    | 19.130 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.26%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.328  | 4733497    | 19.002 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.857  | 4846090    | 18.995 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.906  | 4809610    | 19.079 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.176  | 4176795    | 19.230 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.472  | 4495726    | 19.072 ug/ml |
| 8) T Fluorene (C16.55)             | 9.250  | 4341865    | 19.190 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.640 | 4072785    | 19.087 ug/ml |
| 10) T Anthracene (C19.43)          | 10.713 | 3085655    | 19.420 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.445 | 3886893    | 18.993 ug/ml |
| 13) T Pyrene (C20.8)               | 12.740 | 3800758    | 19.548 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.604 | 3480413    | 19.352 ug/ml |
| 15) T Chrysene (C27.41)            | 14.646 | 3764512    | 19.180 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.147 | 3753357    | 20.012 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.179 | 3772809    | 19.073 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.522 | 3539104    | 20.313 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.880 | 3679923    | 19.773 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.922 | 4231992    | 23.018 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.134 | 3696961    | 19.786 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

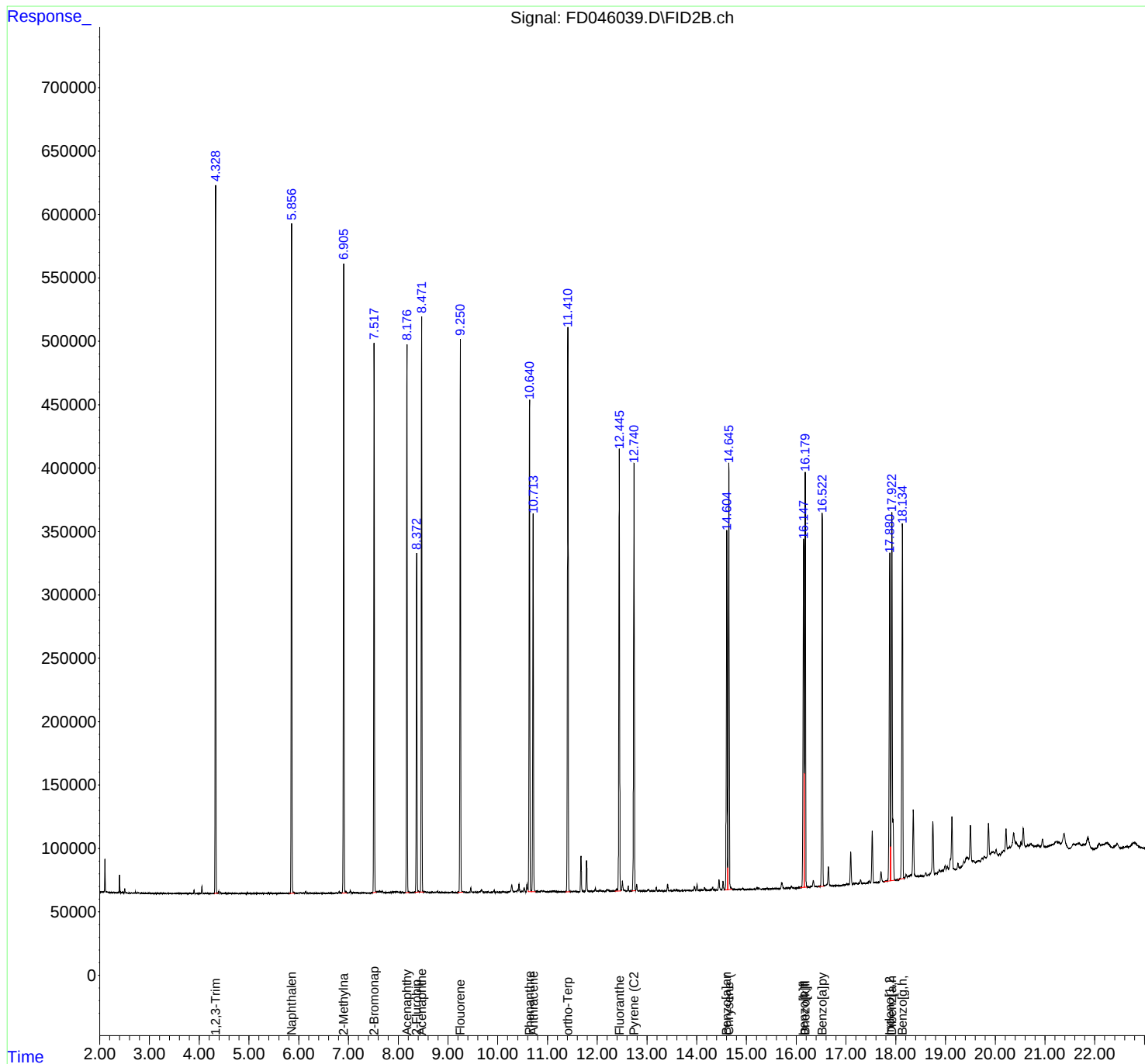
(m)=manual int.

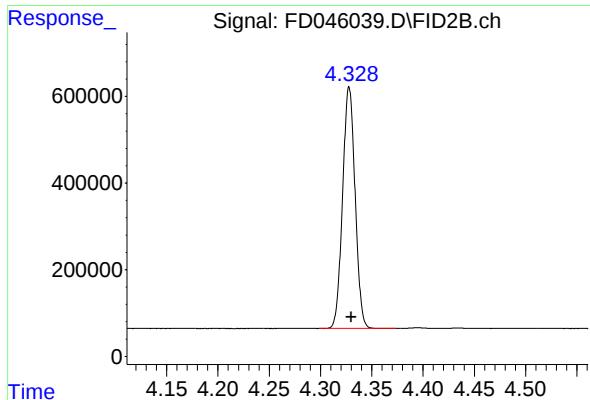
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062723AR\  
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Volume Inj. : 1 µl  
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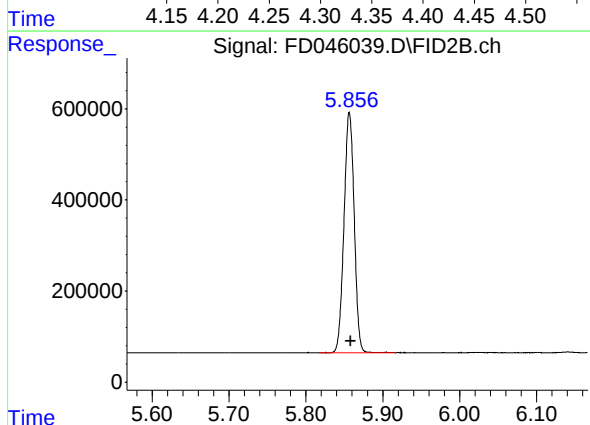




#1 1,2,3-Trimethylbenzene (C10.1)

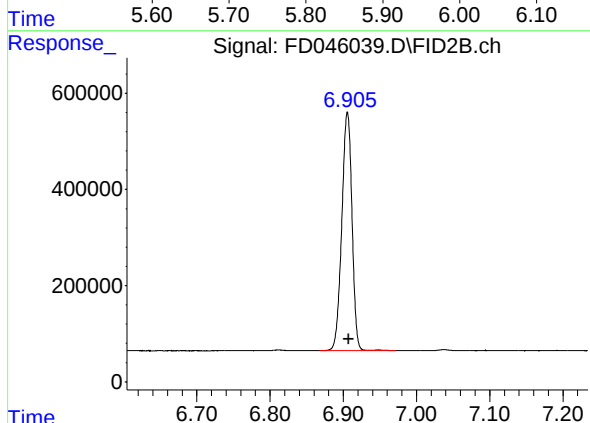
R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 4733497  
Conc: 19.00 ug/ml

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20 PPM AROMATIC HC STD



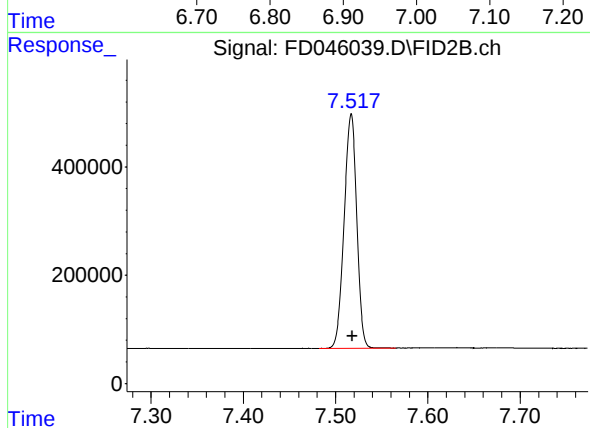
#2 Naphthalene (C11.7)

R.T.: 5.857 min  
Delta R.T.: -0.002 min  
Response: 4846090  
Conc: 19.00 ug/ml



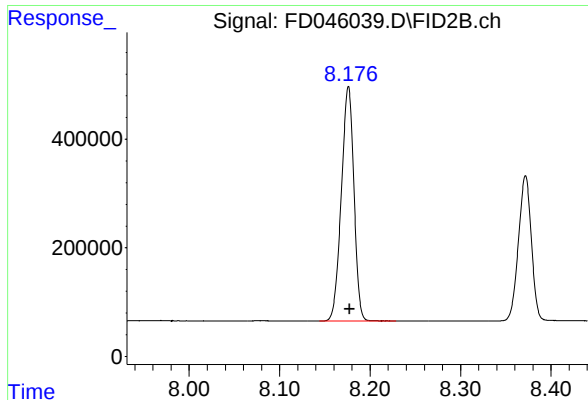
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.906 min  
Delta R.T.: -0.002 min  
Response: 4809610  
Conc: 19.08 ug/ml



#4 2-Bromonaphthalene (SURR)

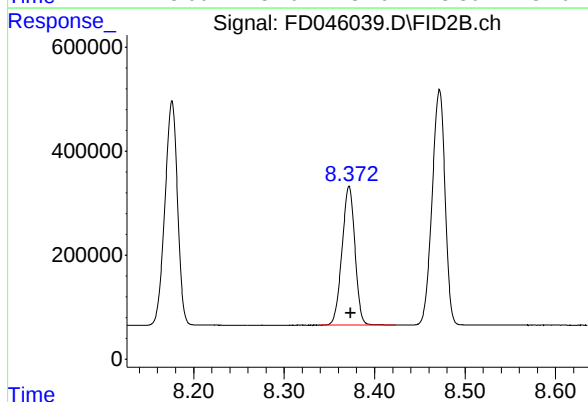
R.T.: 7.517 min  
Delta R.T.: -0.002 min  
Response: 4117731  
Conc: 19.11 ug/ml



#5 Acenaphthylene (C15.06)

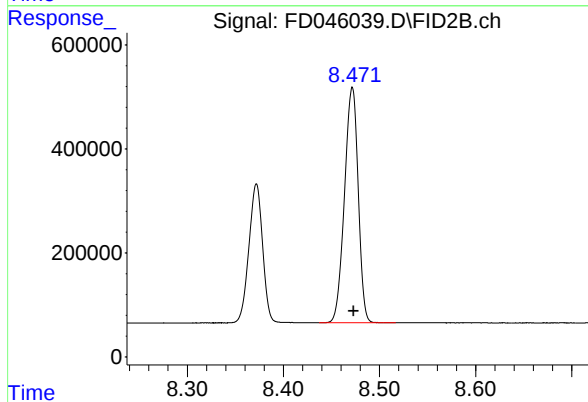
R.T.: 8.176 min  
Delta R.T.: -0.002 min  
Response: 4176795  
Conc: 19.23 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



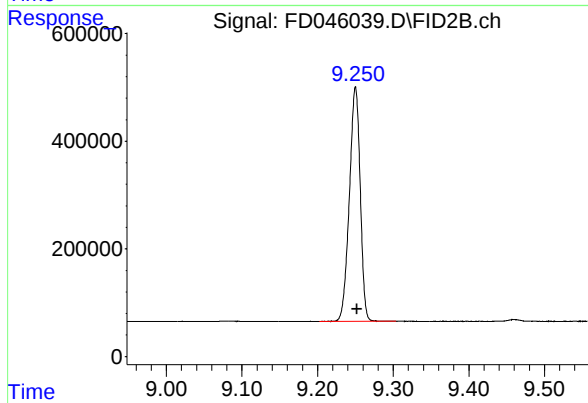
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.372 min  
Delta R.T.: -0.002 min  
Response: 2648419  
Conc: 19.14 ug/ml



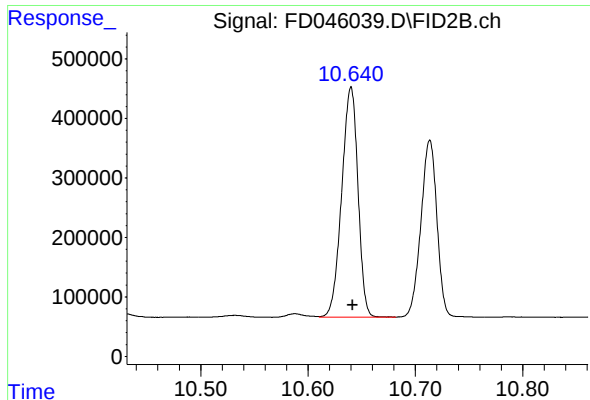
#7 Acenaphthene (C15.5)

R.T.: 8.472 min  
Delta R.T.: -0.002 min  
Response: 4495726  
Conc: 19.07 ug/ml



#8 Fluorene (C16.55)

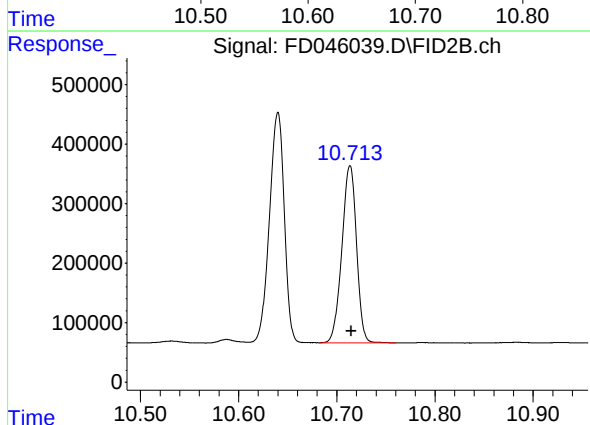
R.T.: 9.250 min  
Delta R.T.: -0.002 min  
Response: 4341865  
Conc: 19.19 ug/ml



#9 Phenanthrene (C19.36)

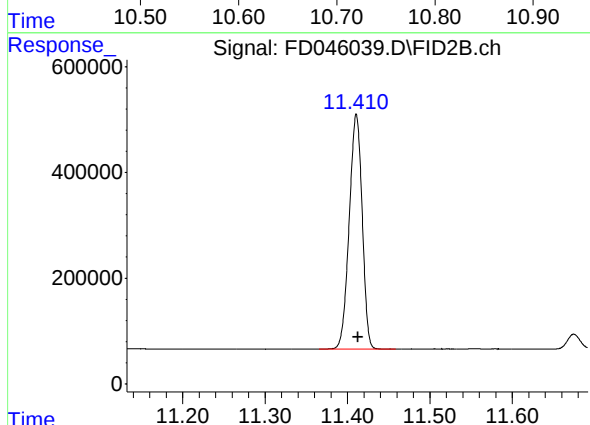
R.T.: 10.640 min  
Delta R.T.: -0.002 min  
Response: 4072785  
Conc: 19.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



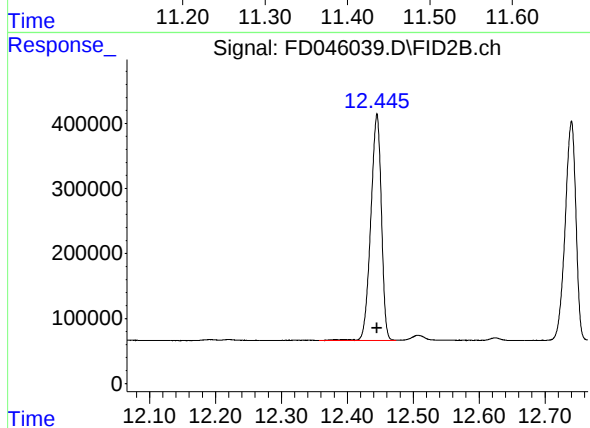
#10 Anthracene (C19.43)

R.T.: 10.713 min  
Delta R.T.: -0.001 min  
Response: 3085655  
Conc: 19.42 ug/ml



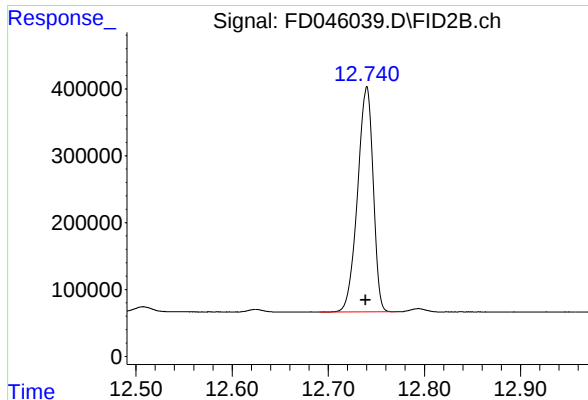
#11 ortho-Terphenyl (SURRE)

R.T.: 11.411 min  
Delta R.T.: -0.002 min  
Response: 4849862  
Conc: 19.13 ug/ml



#12 Fluoranthene (C21.85)

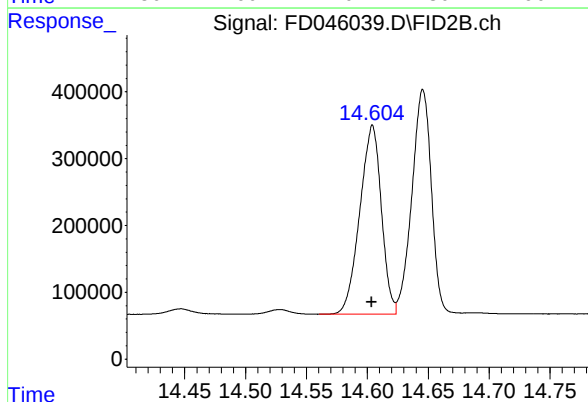
R.T.: 12.445 min  
Delta R.T.: 0.000 min  
Response: 3886893  
Conc: 18.99 ug/ml



#13 Pyrene (C20.8)

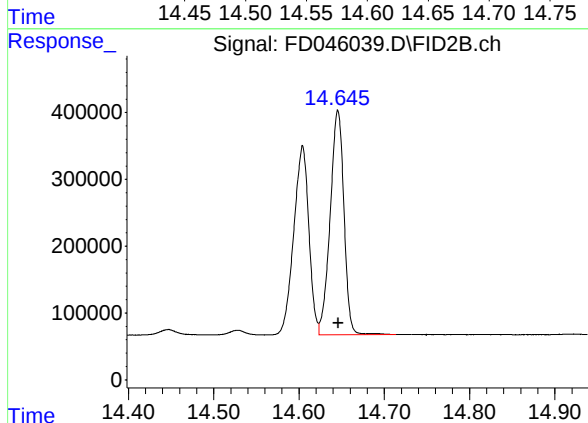
R.T.: 12.740 min  
Delta R.T.: 0.000 min  
Response: 3800758  
Conc: 19.55 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



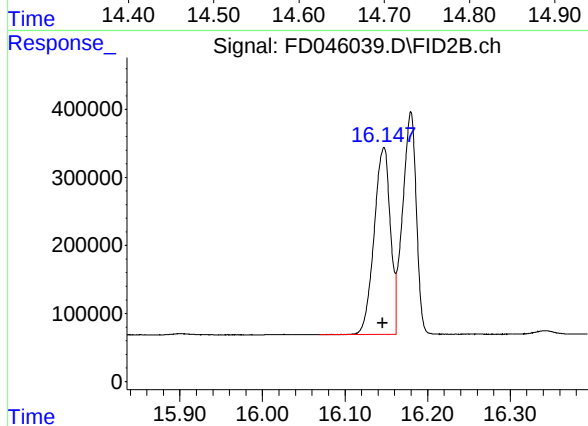
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min  
Delta R.T.: 0.000 min  
Response: 3480413  
Conc: 19.35 ug/ml



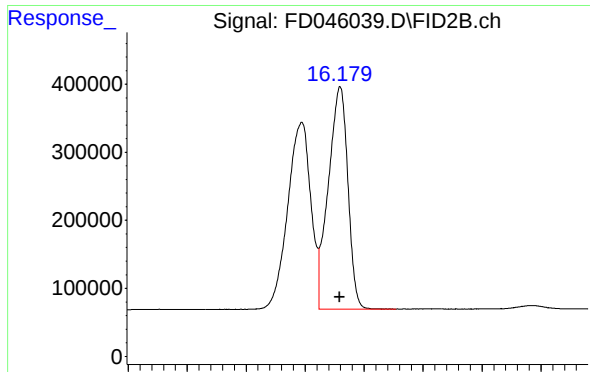
#15 Chrysene (C27.41)

R.T.: 14.646 min  
Delta R.T.: 0.000 min  
Response: 3764512  
Conc: 19.18 ug/ml



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

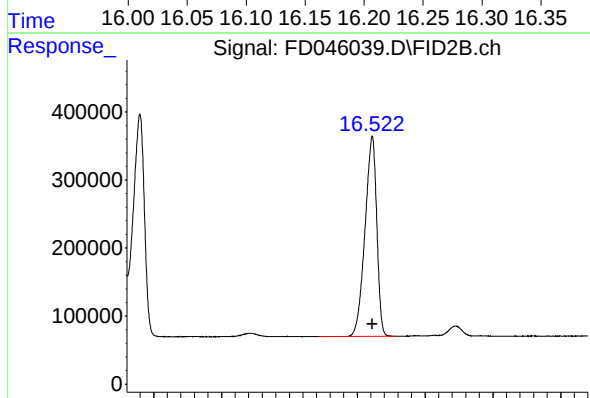
R.T.: 16.147 min  
Delta R.T.: 0.000 min  
Response: 3753357  
Conc: 20.01 ug/ml



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

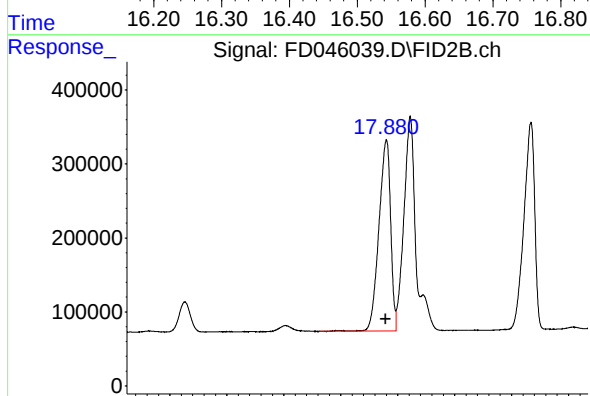
R.T.: 16.179 min  
Delta R.T.: 0.000 min  
Response: 3772809  
Conc: 19.07 ug/ml

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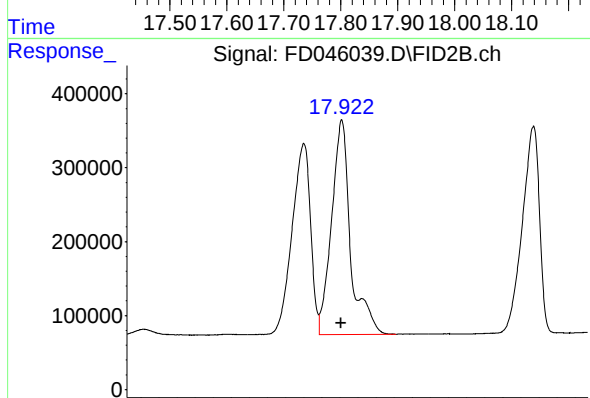
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min  
Delta R.T.: 0.000 min  
Response: 3539104  
Conc: 20.31 ug/ml



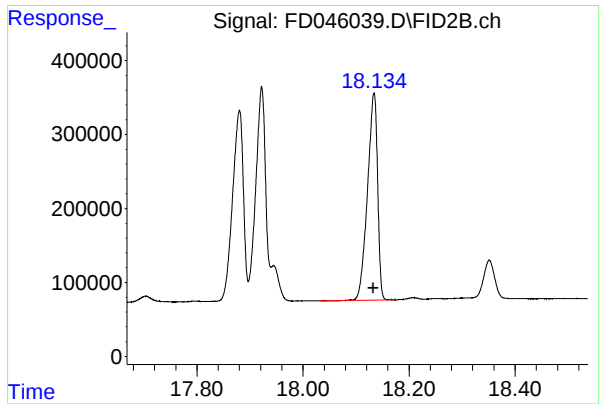
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.880 min  
Delta R.T.: 0.001 min  
Response: 3679923  
Conc: 19.77 ug/ml



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

R.T.: 17.922 min  
Delta R.T.: 0.000 min  
Response: 4231992  
Conc: 23.02 ug/ml



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

R.T.: 18.134 min

Delta R.T.: 0.000 min

Response: 3696961

Conc: 19.79 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD