

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD082323AR\  
 Data File : FD046378.D  
 Signal(s) : FID2B.ch  
 Acq On : 23 Aug 2023 13:39  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Aug 24 01:06:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 082223.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 22 12:26:56 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...      | 7.496  | 3420394    | 20.253 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 40.51%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.350  | 2287459    | 20.554 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.11%        |
| 11) S ortho-Terphenyl (SURR)       | 11.388 | 4126908    | 21.042 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 42.08%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.311  | 3484816    | 19.831 ug/ml  |
| 2) T Naphthalene (C11.7)           | 5.837  | 3696704    | 20.057 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 6.885  | 3759973    | 20.250 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.154  | 3475006    | 20.420 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.450  | 3690144    | 20.483 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.227  | 3616747    | 20.680 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 10.616 | 3602663    | 20.998 ug/ml  |
| 10) T Anthracene (C19.43)          | 10.690 | 3481806    | 20.640 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.419 | 3576146    | 21.495 ug/ml  |
| 13) T Pyrene (C20.8)               | 12.713 | 3471607    | 21.540 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 14.577 | 3065695    | 21.791 ug/ml  |
| 15) T Chrysene (C27.41)            | 14.619 | 3236133    | 21.817 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.118 | 2988722    | 21.995 ug/mlm |
| 17) T Bnezo[k]fluoranthene ...     | 16.151 | 2978033    | 21.952 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 16.492 | 2847154    | 21.608 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.850 | 2577596    | 20.665 ug/mlm |
| 20) T Dibenz[a,h]anthracene...     | 17.891 | 2587726    | 20.651 ug/ml  |
| 21) T Benzo[g,h,i]perylene ...     | 18.102 | 2619934    | 20.430 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

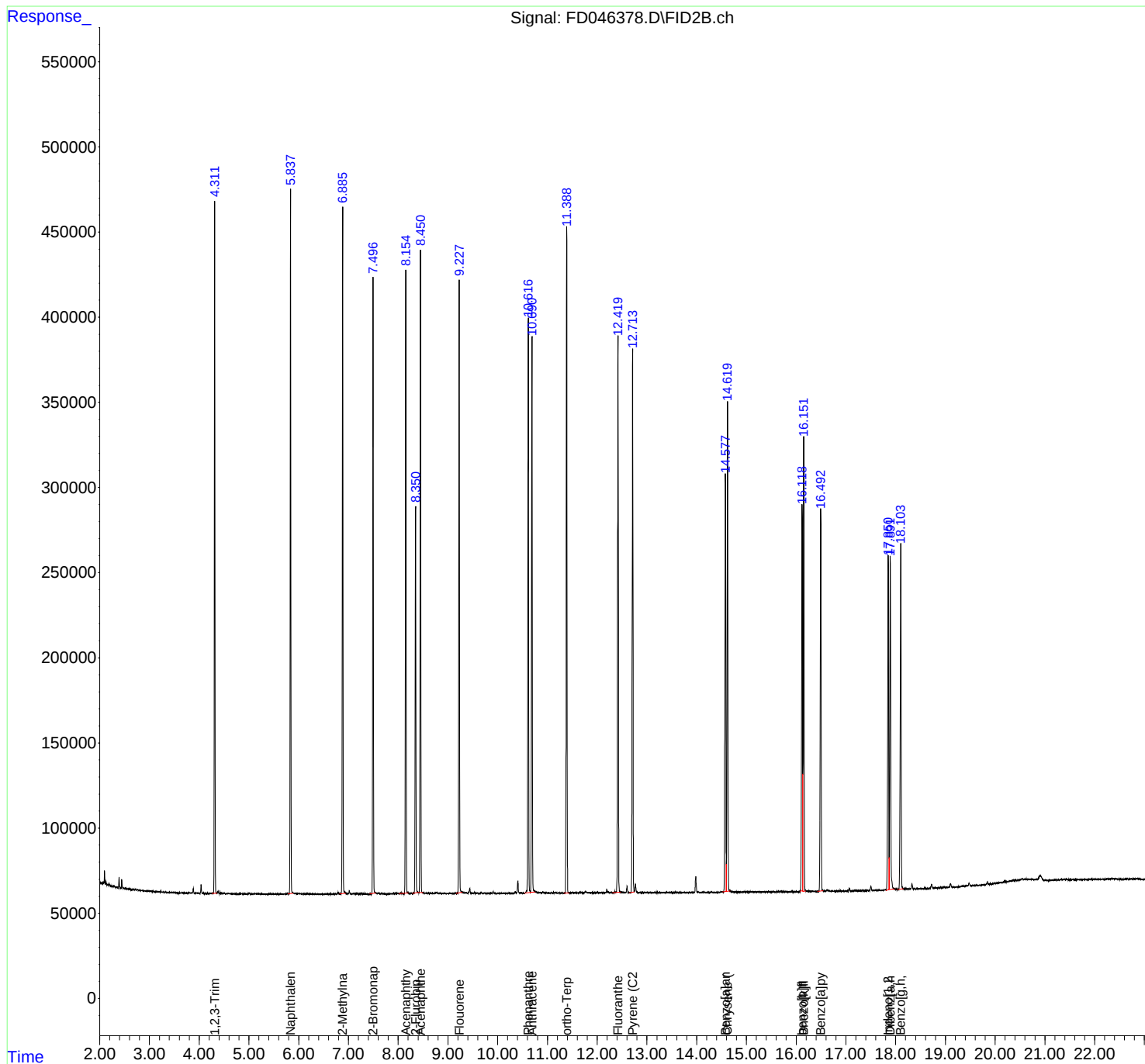
(m)=manual int.

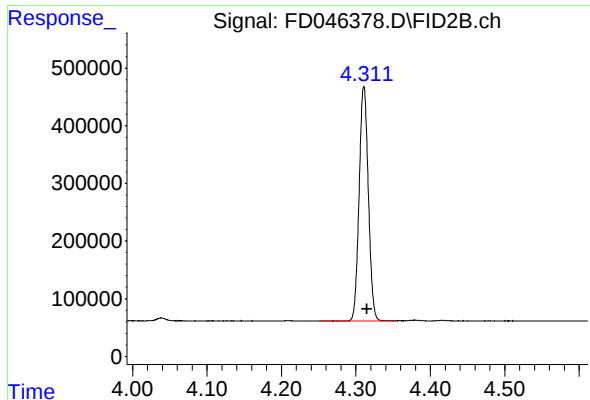
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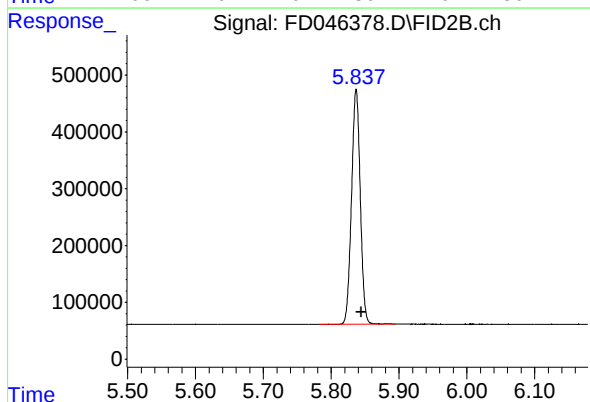




#1 1,2,3-Trimethylbenzene (C10.1)

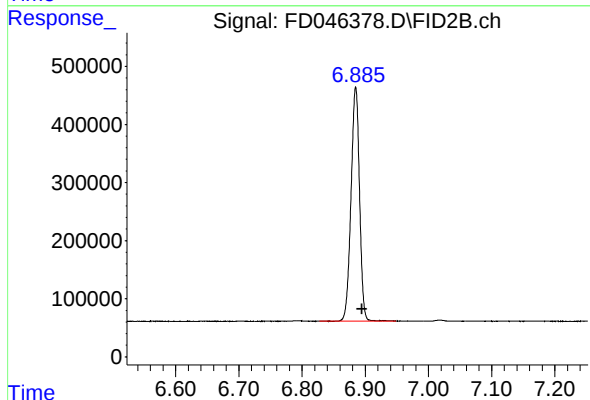
R.T.: 4.311 min  
Delta R.T.: -0.004 min  
Response: 3484816  
Conc: 19.83 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



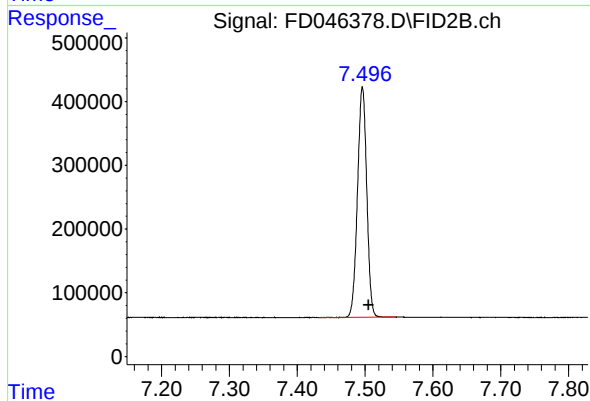
#2 Naphthalene (C11.7)

R.T.: 5.837 min  
Delta R.T.: -0.008 min  
Response: 3696704  
Conc: 20.06 ug/ml



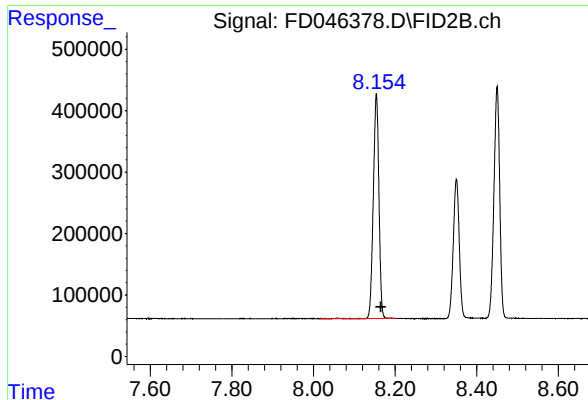
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.885 min  
Delta R.T.: -0.010 min  
Response: 3759973  
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

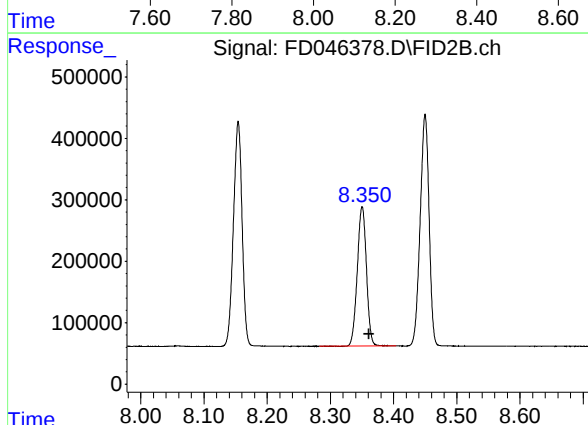
R.T.: 7.496 min  
Delta R.T.: -0.009 min  
Response: 3420394  
Conc: 20.25 ug/ml



#5 Acenaphthylene (C15.06)

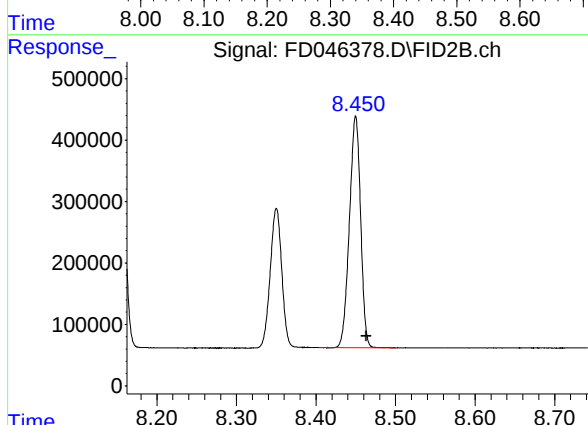
R.T.: 8.154 min  
Delta R.T.: -0.011 min  
Response: 3475006  
Conc: 20.42 ug/ml

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



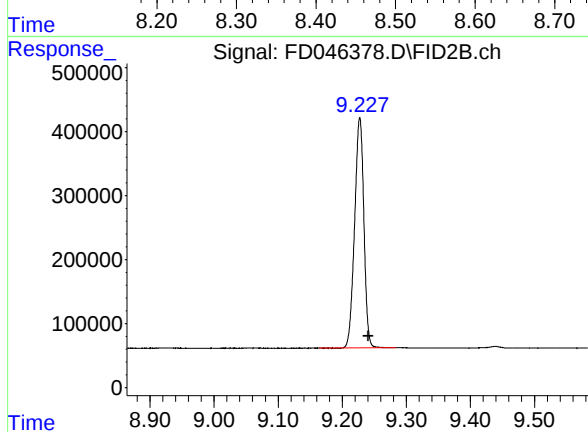
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min  
Delta R.T.: -0.011 min  
Response: 2287459  
Conc: 20.55 ug/ml



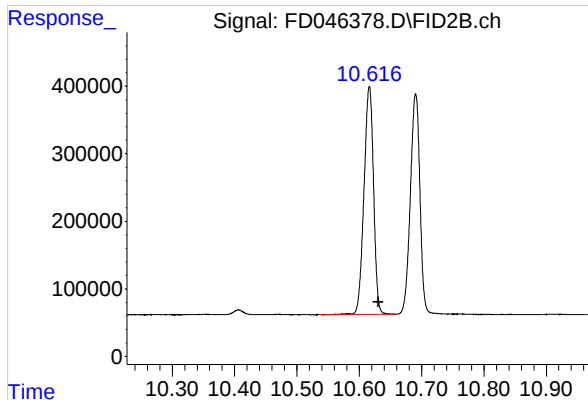
#7 Acenaphthene (C15.5)

R.T.: 8.450 min  
Delta R.T.: -0.014 min  
Response: 3690144  
Conc: 20.48 ug/ml



#8 Flouorene (C16.55)

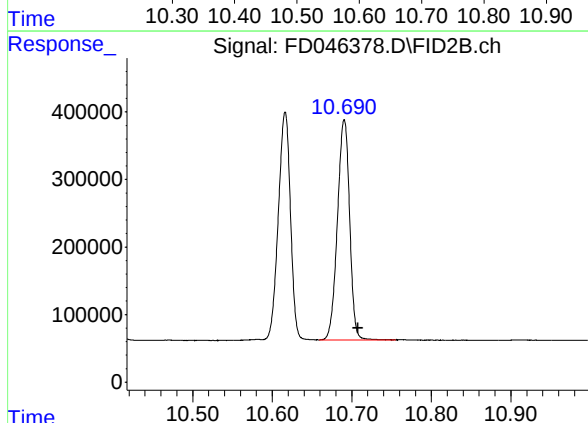
R.T.: 9.227 min  
Delta R.T.: -0.013 min  
Response: 3616747  
Conc: 20.68 ug/ml



#9 Phenanthrene (C19.36)

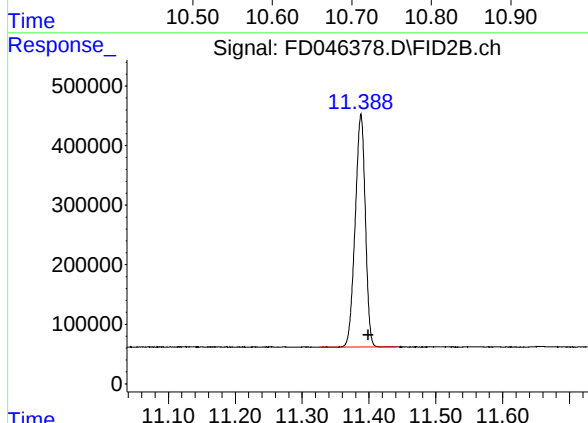
R.T.: 10.616 min  
Delta R.T.: -0.014 min  
Response: 3602663  
Conc: 21.00 ug/ml

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



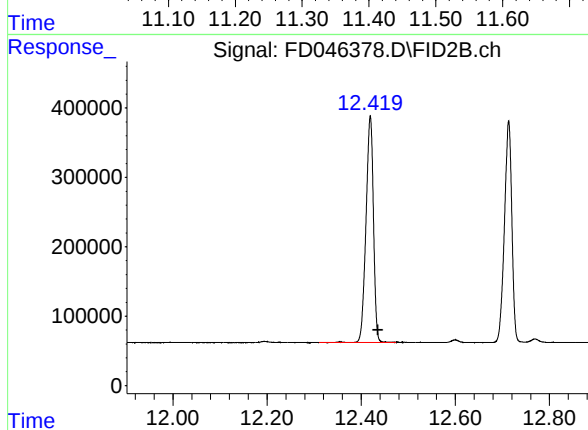
#10 Anthracene (C19.43)

R.T.: 10.690 min  
Delta R.T.: -0.017 min  
Response: 3481806  
Conc: 20.64 ug/ml



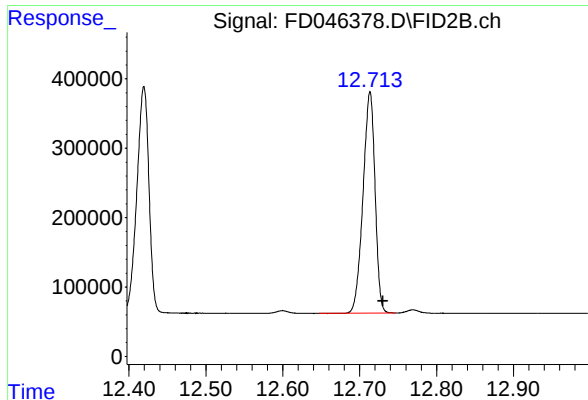
#11 ortho-Terphenyl (SURRE)

R.T.: 11.388 min  
Delta R.T.: -0.011 min  
Response: 4126908  
Conc: 21.04 ug/ml



#12 Fluoranthene (C21.85)

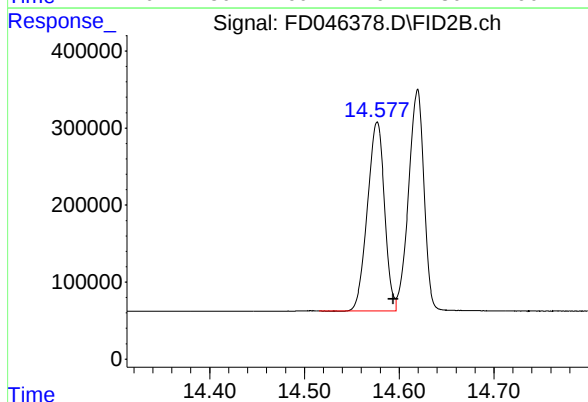
R.T.: 12.419 min  
Delta R.T.: -0.017 min  
Response: 3576146  
Conc: 21.50 ug/ml



#13 Pyrene (C20.8)

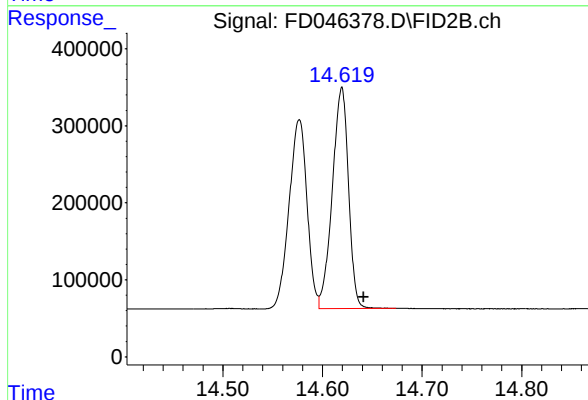
R.T.: 12.713 min  
Delta R.T.: -0.017 min  
Response: 3471607  
Conc: 21.54 ug/ml

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



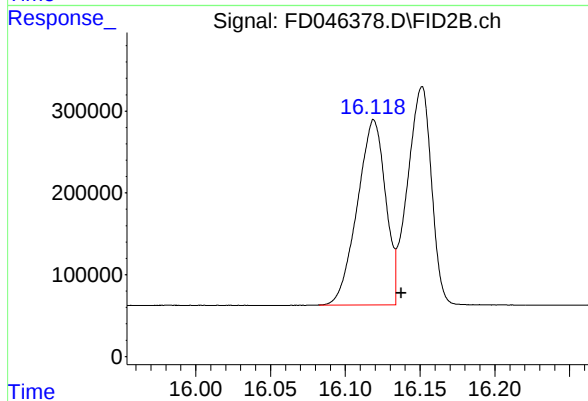
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.577 min  
Delta R.T.: -0.017 min  
Response: 3065695  
Conc: 21.79 ug/ml



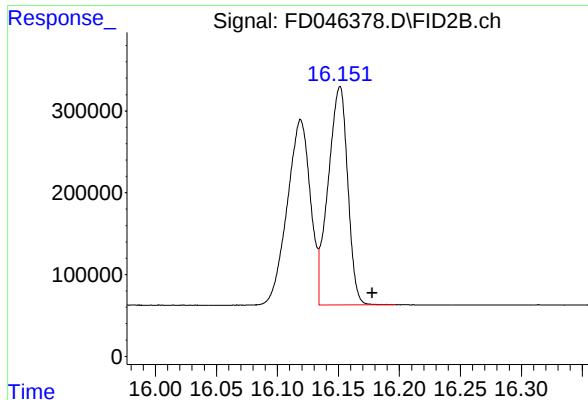
#15 Chrysene (C27.41)

R.T.: 14.619 min  
Delta R.T.: -0.022 min  
Response: 3236133  
Conc: 21.82 ug/ml



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

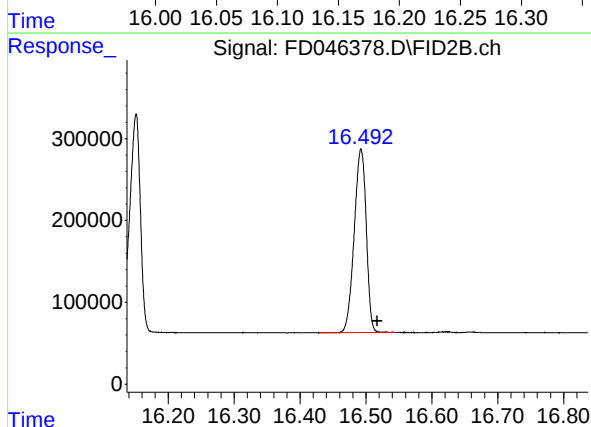
R.T.: 16.118 min  
Delta R.T.: -0.019 min  
Response: 2988722  
Conc: 22.00 ug/ml m



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

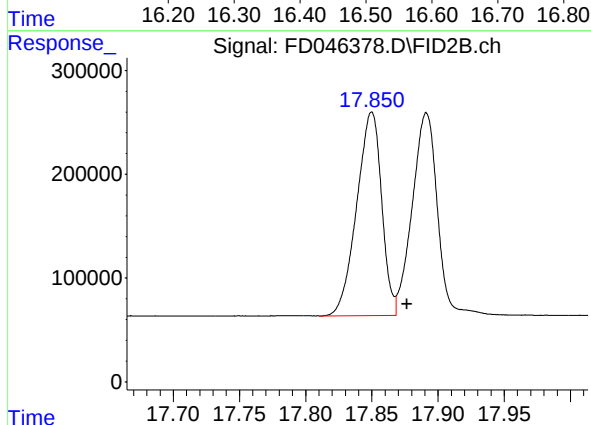
R.T.: 16.151 min  
Delta R.T.: -0.027 min  
Response: 2978033  
Conc: 21.95 ug/ml

Instrument :  
FID\_D  
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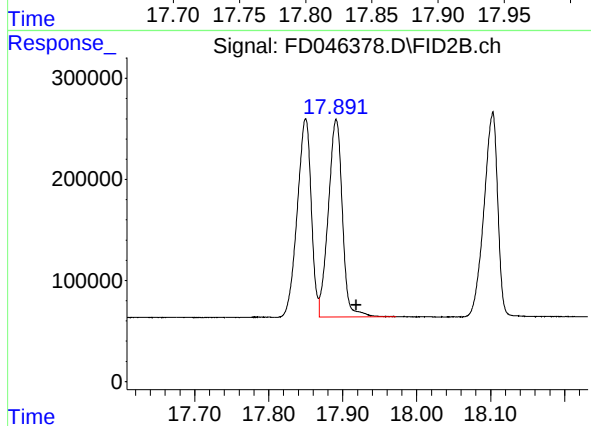
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min  
Delta R.T.: -0.025 min  
Response: 2847154  
Conc: 21.61 ug/ml



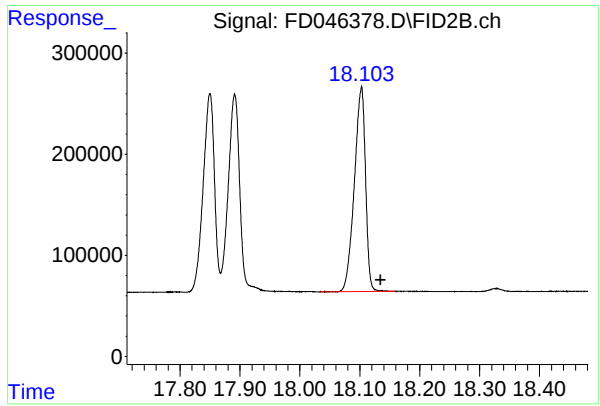
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min  
Delta R.T.: -0.027 min  
Response: 2577596  
Conc: 20.66 ug/ml m



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

R.T.: 17.891 min  
Delta R.T.: -0.027 min  
Response: 2587726  
Conc: 20.65 ug/ml



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

R.T.: 18.102 min

Delta R.T.: -0.032 min

Response: 2619934

Conc: 20.43 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD