

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062723AR\  
 Data File : FD046018.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Jun 2023 04:56  
 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 28 08:43:16 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...      | 7.518  | 4100891    | 19.030 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.06%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.374  | 2632105    | 19.018 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.04%       |
| 11) S ortho-Terphenyl (SURR)       | 11.413 | 4819607    | 19.011 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.02%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.328  | 4766069    | 19.133 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.858  | 4845050    | 18.991 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.907  | 4790594    | 19.003 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.178  | 4158149    | 19.144 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.474  | 4481128    | 19.010 ug/ml |
| 8) T Fluorene (C16.55)             | 9.252  | 4309917    | 19.049 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.642 | 4029489    | 18.884 ug/ml |
| 10) T Anthracene (C19.43)          | 10.715 | 3048212    | 19.184 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.446 | 3837177    | 18.750 ug/ml |
| 13) T Pyrene (C20.8)               | 12.741 | 3761285    | 19.345 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.604 | 3403735    | 18.926 ug/ml |
| 15) T Chrysene (C27.41)            | 14.647 | 3694458    | 18.823 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.148 | 3698141    | 19.717 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.181 | 3710046    | 18.756 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.524 | 3497219    | 20.072 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.881 | 3654027    | 19.634 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.924 | 4105283    | 22.329 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.136 | 3644963    | 19.507 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

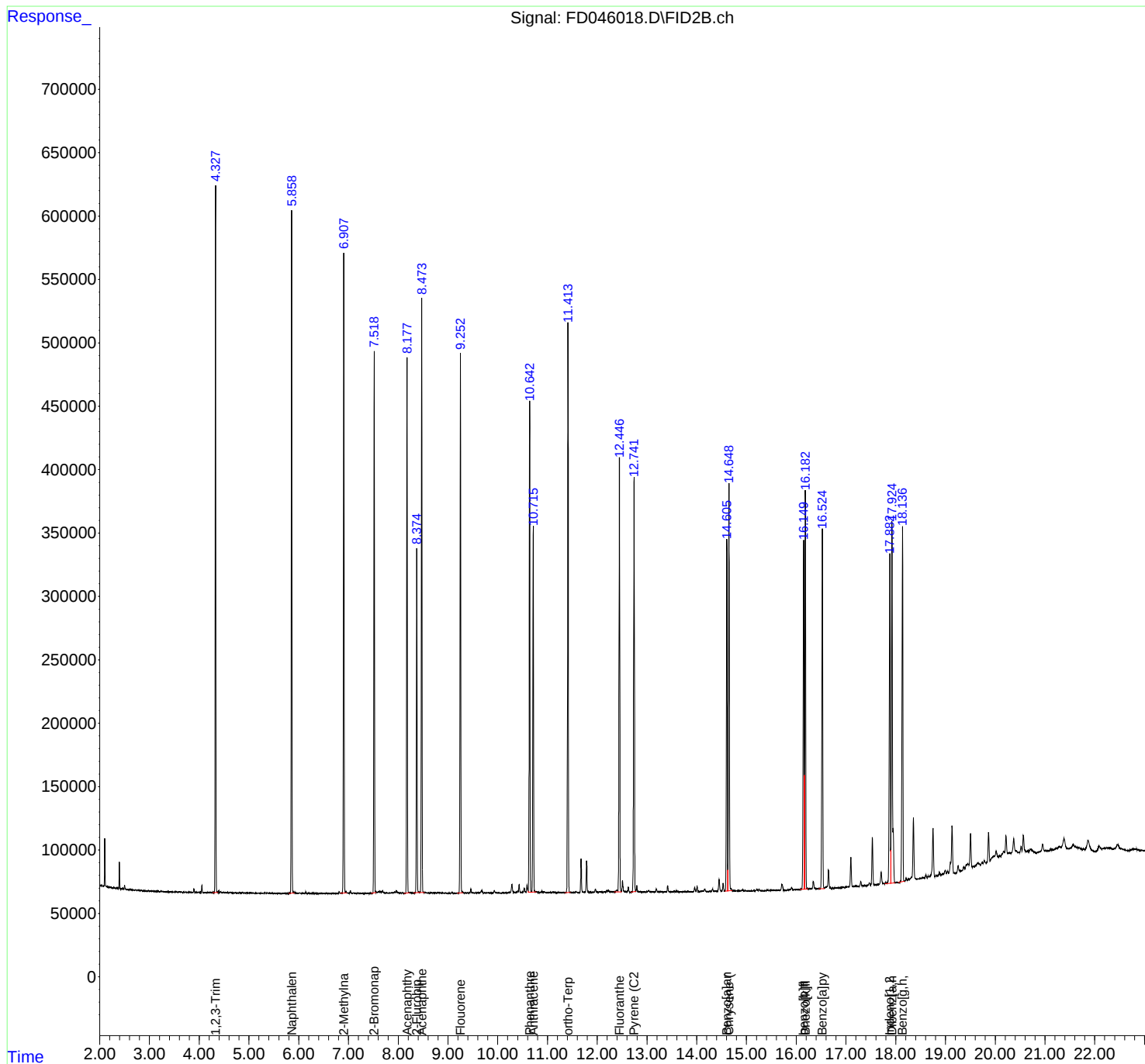
(m)=manual int.

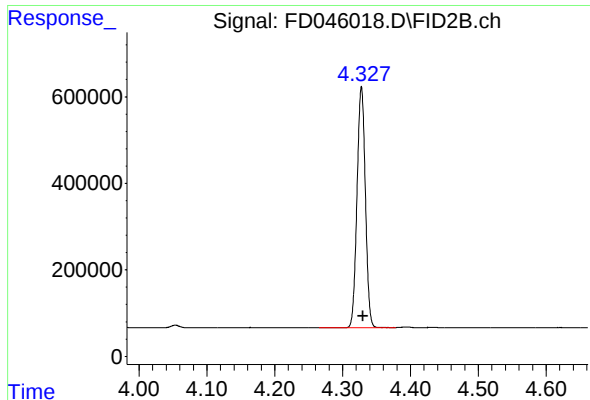
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062723AR\  
Data File : FD046018.D  
Signal(s) : FID2B.ch  
Acq On : 28 Jun 2023 04:56  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jun 28 08:43:16 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

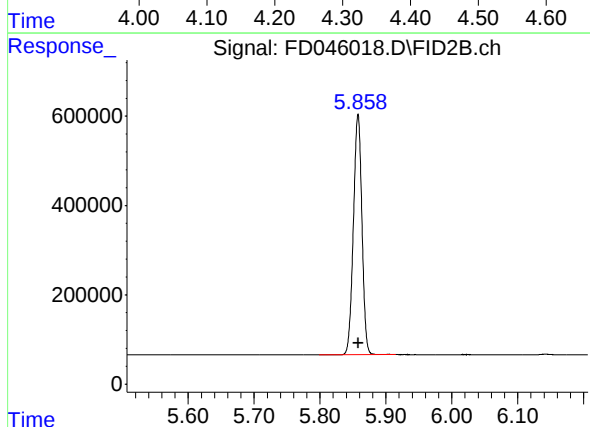




#1 1,2,3-Trimethylbenzene (C10.1)

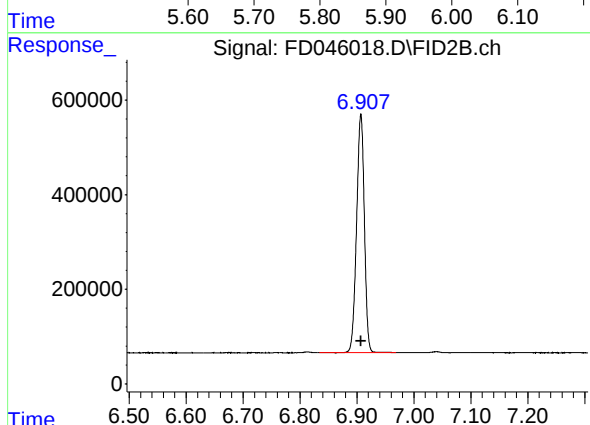
R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 4766069  
Conc: 19.13 ug/ml

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



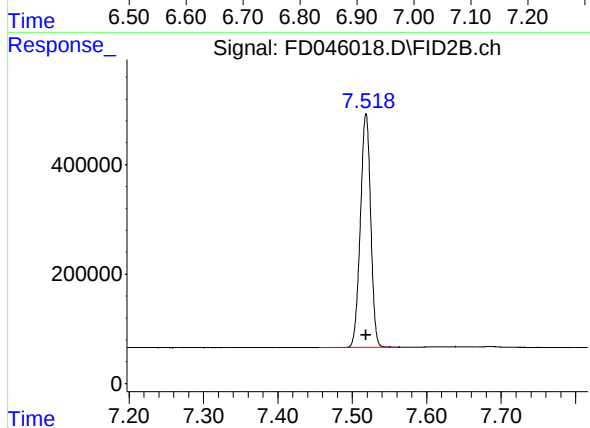
#2 Naphthalene (C11.7)

R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 4845050  
Conc: 18.99 ug/ml



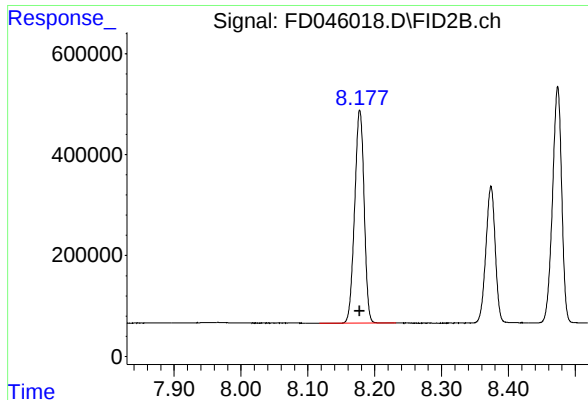
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min  
Delta R.T.: 0.000 min  
Response: 4790594  
Conc: 19.00 ug/ml



#4 2-Bromonaphthalene (SURR)

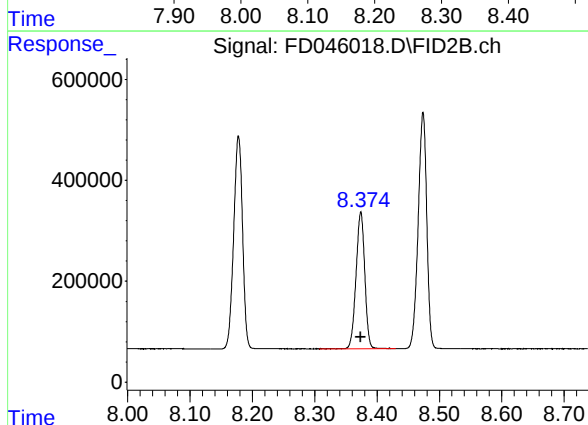
R.T.: 7.518 min  
Delta R.T.: 0.000 min  
Response: 4100891  
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

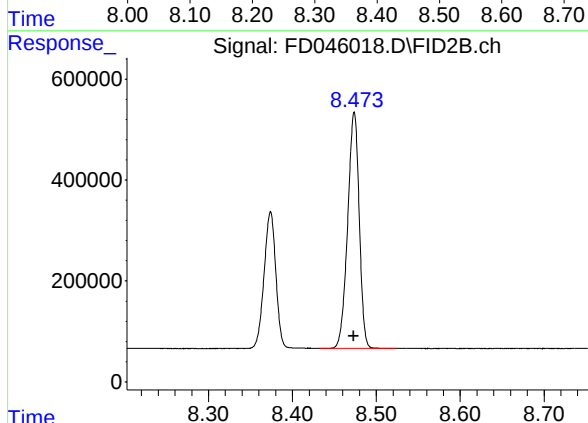
R.T.: 8.178 min  
Delta R.T.: 0.000 min  
Response: 4158149  
Conc: 19.14 ug/ml

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



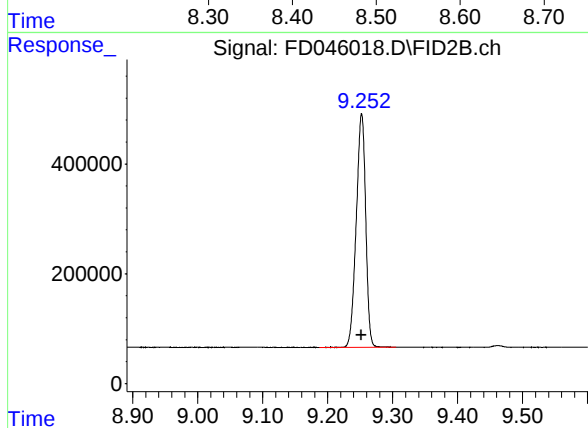
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min  
Delta R.T.: 0.000 min  
Response: 2632105  
Conc: 19.02 ug/ml



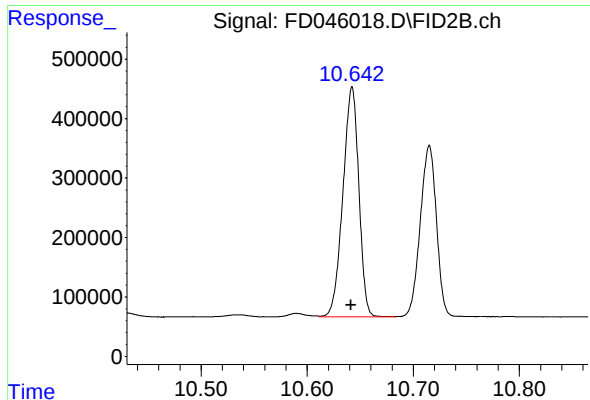
#7 Acenaphthene (C15.5)

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 4481128  
Conc: 19.01 ug/ml



#8 Flouorene (C16.55)

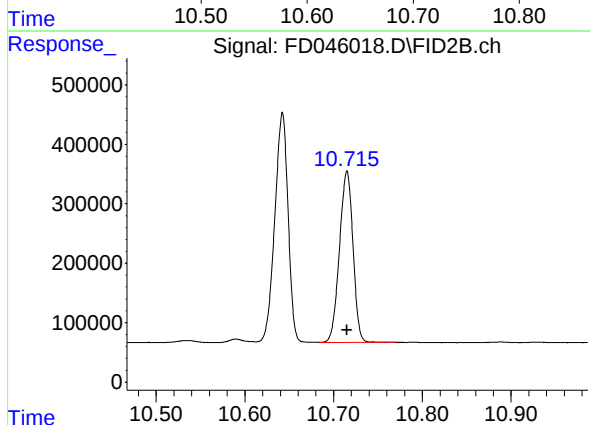
R.T.: 9.252 min  
Delta R.T.: 0.000 min  
Response: 4309917  
Conc: 19.05 ug/ml



#9 Phenanthrene (C19.36)

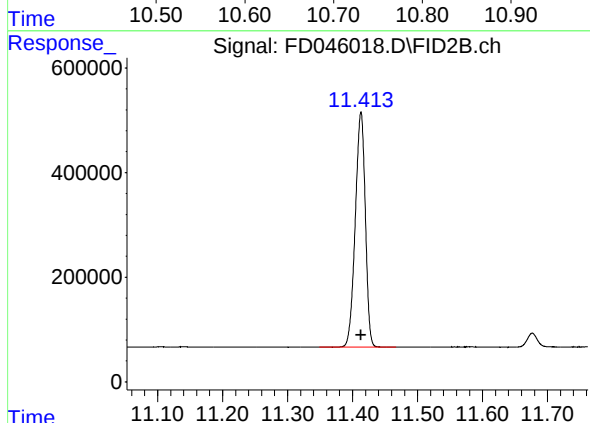
R.T.: 10.642 min  
Delta R.T.: 0.000 min  
Response: 4029489  
Conc: 18.88 ug/ml

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



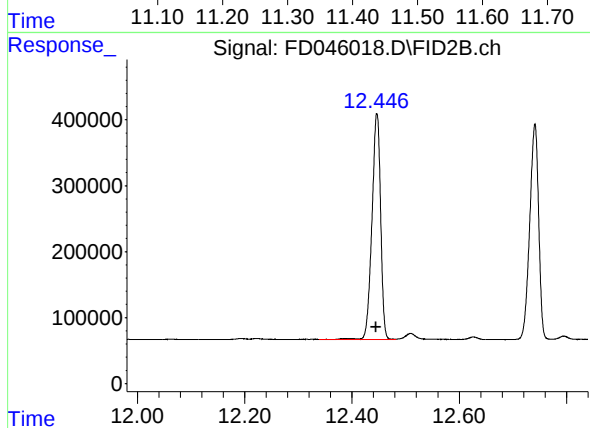
#10 Anthracene (C19.43)

R.T.: 10.715 min  
Delta R.T.: 0.000 min  
Response: 3048212  
Conc: 19.18 ug/ml



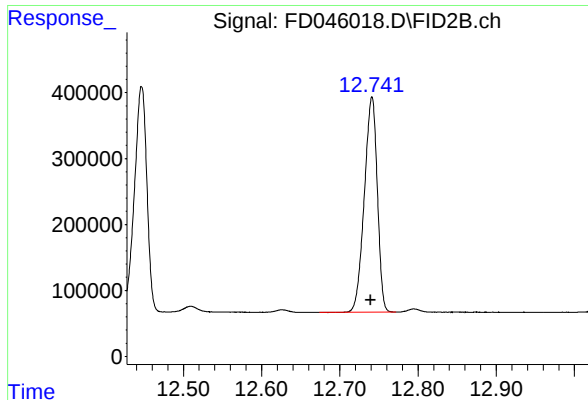
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min  
Delta R.T.: 0.000 min  
Response: 4819607  
Conc: 19.01 ug/ml



#12 Fluoranthene (C21.85)

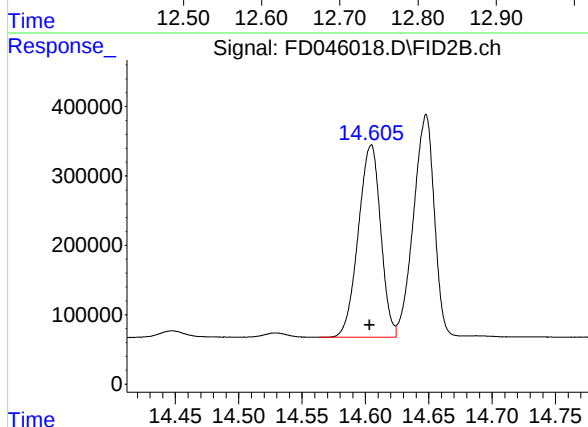
R.T.: 12.446 min  
Delta R.T.: 0.001 min  
Response: 3837177  
Conc: 18.75 ug/ml



#13 Pyrene (C20.8)

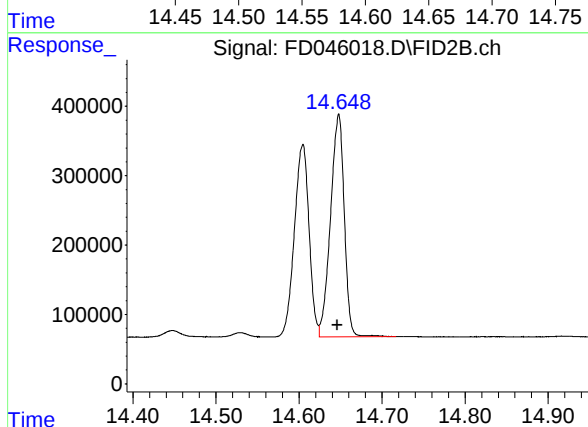
R.T.: 12.741 min  
Delta R.T.: 0.002 min  
Response: 3761285  
Conc: 19.34 ug/ml

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



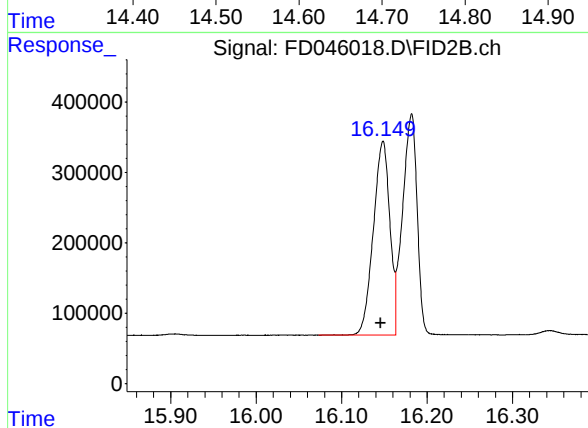
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.604 min  
Delta R.T.: 0.000 min  
Response: 3403735  
Conc: 18.93 ug/ml



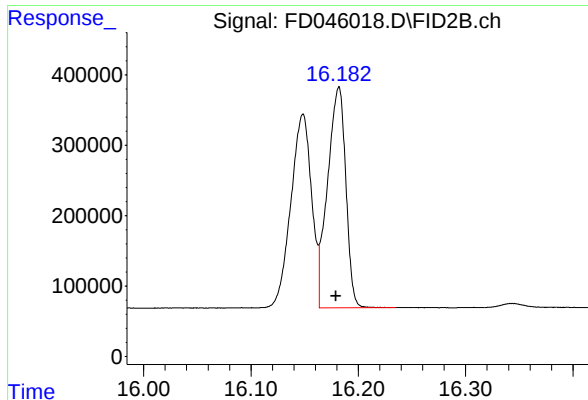
#15 Chrysene (C27.41)

R.T.: 14.647 min  
Delta R.T.: 0.001 min  
Response: 3694458  
Conc: 18.82 ug/ml



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

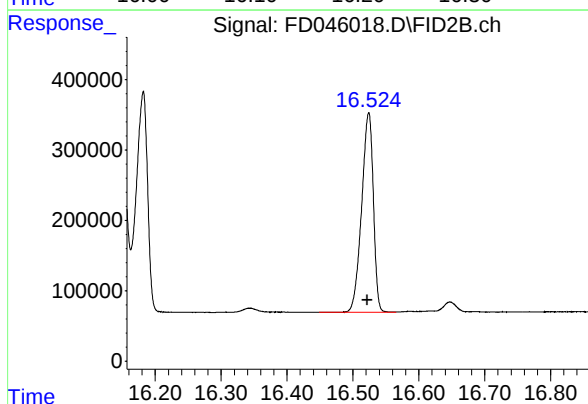
R.T.: 16.148 min  
Delta R.T.: 0.002 min  
Response: 3698141  
Conc: 19.72 ug/ml



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

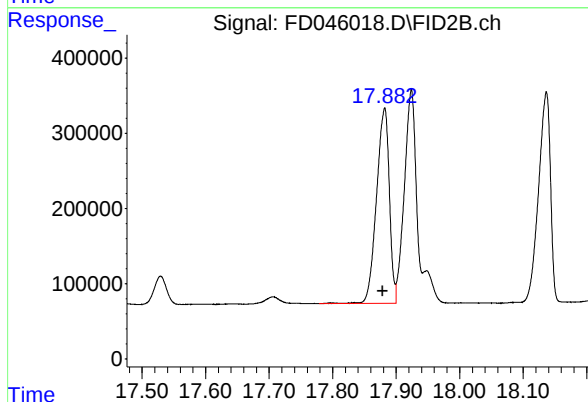
R.T.: 16.181 min  
Delta R.T.: 0.002 min  
Response: 3710046  
Conc: 18.76 ug/ml

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



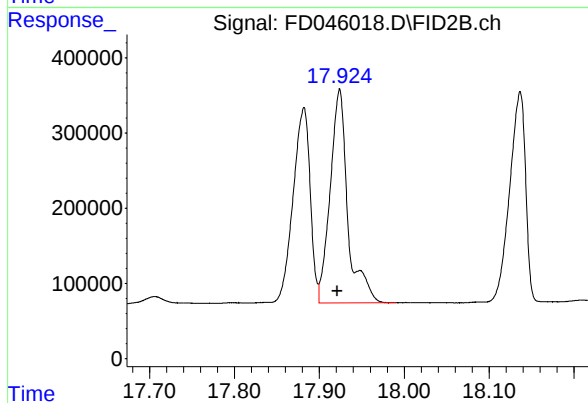
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min  
Delta R.T.: 0.002 min  
Response: 3497219  
Conc: 20.07 ug/ml



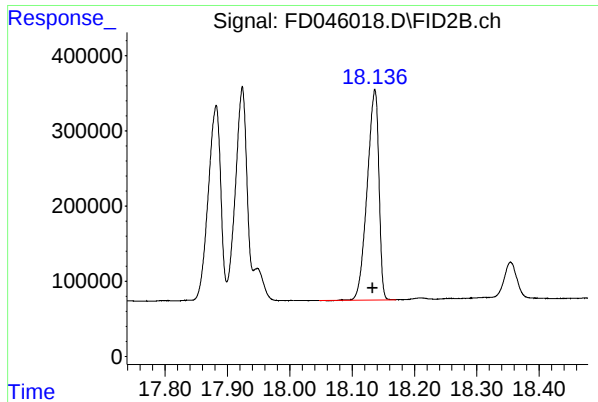
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min  
Delta R.T.: 0.003 min  
Response: 3654027  
Conc: 19.63 ug/ml



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

R.T.: 17.924 min  
Delta R.T.: 0.002 min  
Response: 4105283  
Conc: 22.33 ug/ml



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

R.T.: 18.136 min  
Delta R.T.: 0.003 min  
Response: 3644963  
Conc: 19.51 ug/ml

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