

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072823AR\  
 Data File : FD046231.D  
 Signal(s) : FID2B.ch  
 Acq On : 28 Jul 2023 15:29  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 29 02:53:14 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071923.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 03:07:14 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...      | 7.502  | 3231754    | 21.620 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.24%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.357  | 2047895    | 21.876 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.75%       |
| 11) S ortho-Terphenyl (SURR)       | 11.395 | 3888645    | 22.267 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.53%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.314  | 3873869    | 21.262 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.842  | 3880050    | 21.483 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.891  | 3793069    | 21.551 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.161  | 3290723    | 21.568 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.456  | 3546955    | 21.752 ug/ml |
| 8) T Flouorene (C16.55)            | 9.235  | 3351265    | 22.025 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.624 | 3217442    | 22.344 ug/ml |
| 10) T Anthracene (C19.43)          | 10.698 | 2673357    | 20.428 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.427 | 3150261    | 22.545 ug/ml |
| 13) T Pyrene (C20.8)               | 12.722 | 3087494    | 22.277 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.586 | 2912112    | 22.186 ug/ml |
| 15) T Chrysene (C27.41)            | 14.628 | 3107150    | 22.036 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.129 | 3093358    | 22.618 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.160 | 3022675    | 22.052 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.504 | 2930453    | 22.509 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.860 | 2683552    | 22.312 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.902 | 2755322    | 21.544 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.113 | 2828659    | 22.296 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

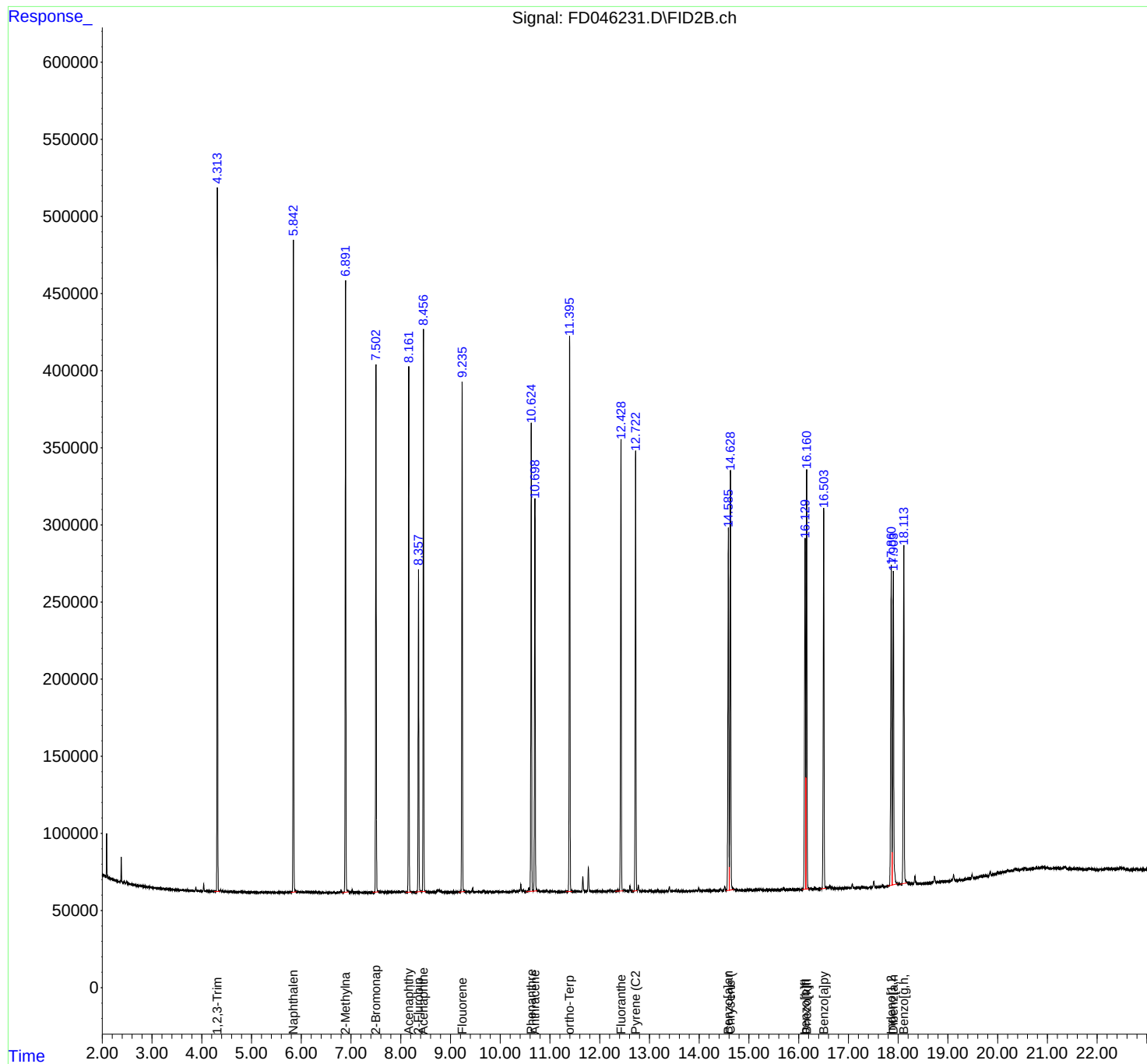
(m)=manual int.

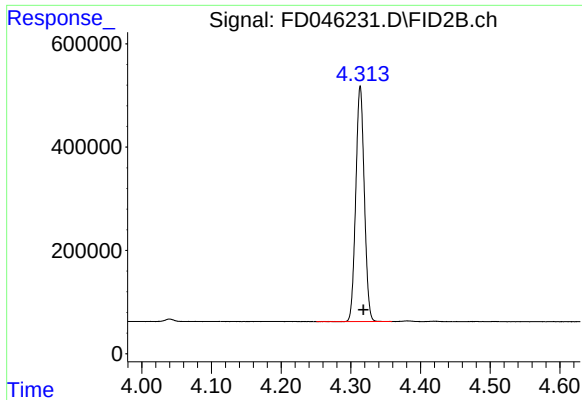
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072823AR\  
Data File : FD046231.D  
Signal(s) : FID2B.ch  
Acq On : 28 Jul 2023 15:29  
Operator : YP/AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
FID\_D  
ClientSampleId :

Integration File: autoint1.e  
Quant Time: Jul 29 02:53:14 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071923.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 20 03:07:14 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

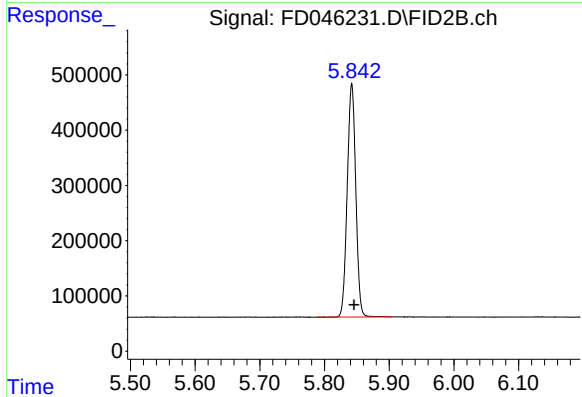




#1 1,2,3-Trimethylbenzene (C10.1)

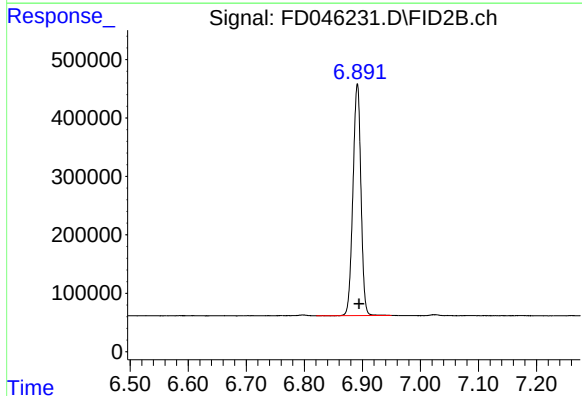
R.T.: 4.314 min  
Delta R.T.: -0.004 min  
Response: 3873869  
Conc: 21.26 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



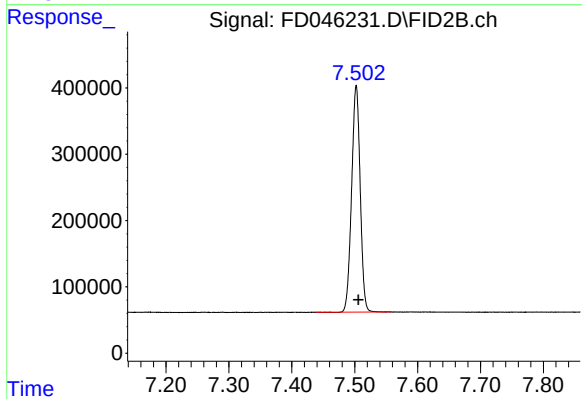
#2 Naphthalene (C11.7)

R.T.: 5.842 min  
Delta R.T.: -0.004 min  
Response: 3880050  
Conc: 21.48 ug/ml



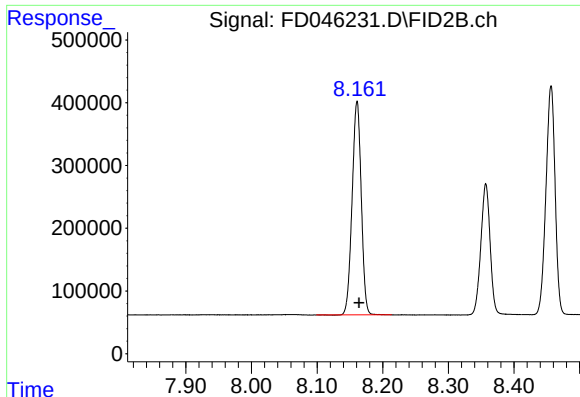
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min  
Delta R.T.: -0.003 min  
Response: 3793069  
Conc: 21.55 ug/ml



#4 2-Bromonaphthalene (SURR)

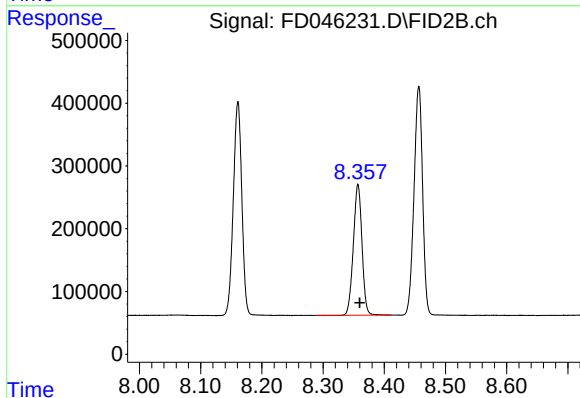
R.T.: 7.502 min  
Delta R.T.: -0.003 min  
Response: 3231754  
Conc: 21.62 ug/ml



#5 Acenaphthylene (C15.06)

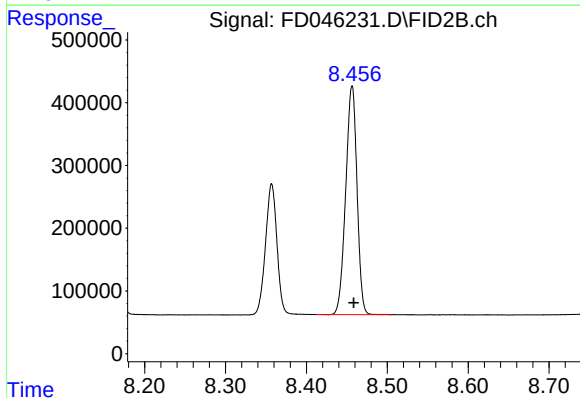
R.T.: 8.161 min  
Delta R.T.: -0.003 min  
Response: 3290723  
Conc: 21.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



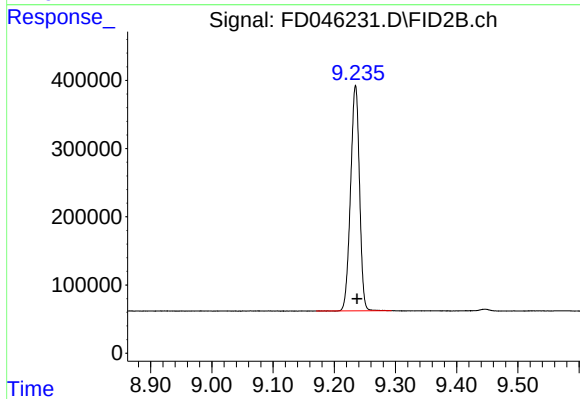
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.357 min  
Delta R.T.: -0.003 min  
Response: 2047895  
Conc: 21.88 ug/ml



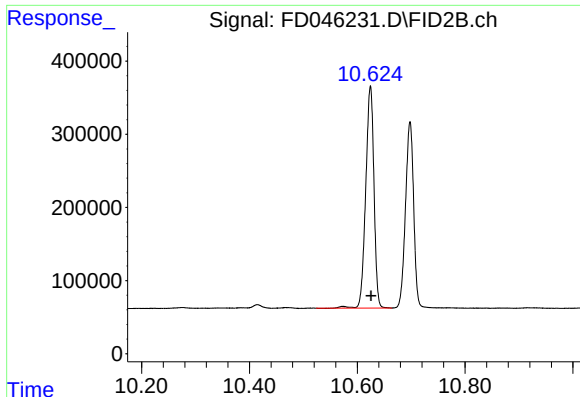
#7 Acenaphthene (C15.5)

R.T.: 8.456 min  
Delta R.T.: -0.002 min  
Response: 3546955  
Conc: 21.75 ug/ml



#8 Fluorene (C16.55)

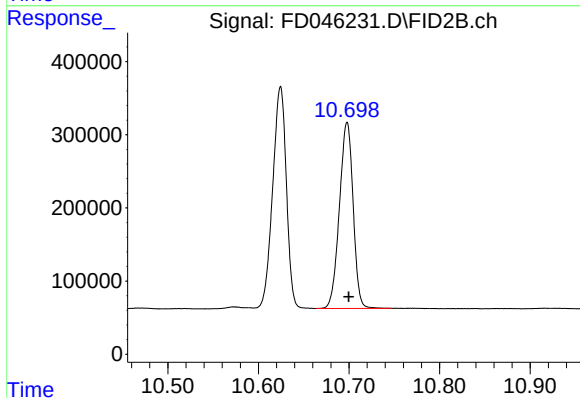
R.T.: 9.235 min  
Delta R.T.: -0.002 min  
Response: 3351265  
Conc: 22.02 ug/ml



#9 Phenanthrene (C19.36)

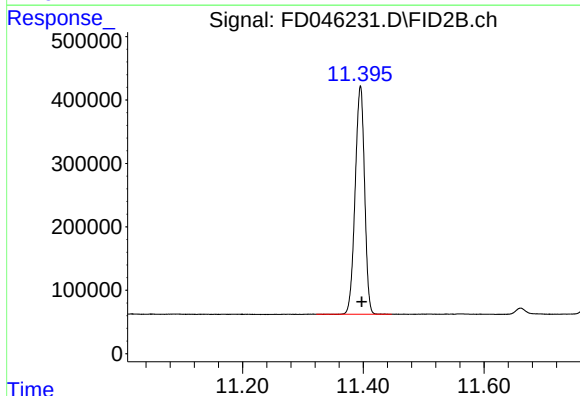
R.T.: 10.624 min  
Delta R.T.: -0.002 min  
Response: 3217442  
Conc: 22.34 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



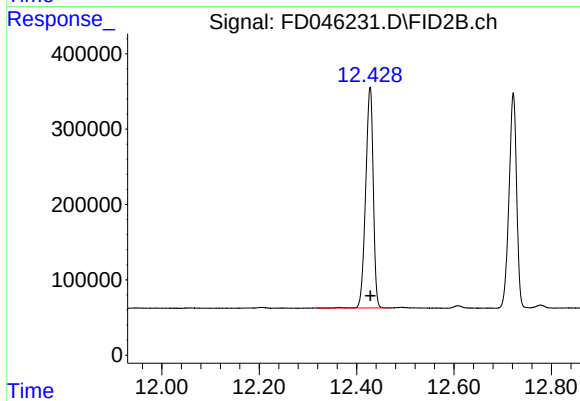
#10 Anthracene (C19.43)

R.T.: 10.698 min  
Delta R.T.: -0.002 min  
Response: 2673357  
Conc: 20.43 ug/ml



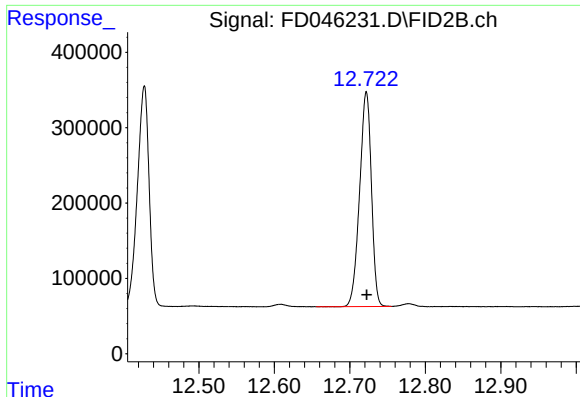
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min  
Delta R.T.: -0.003 min  
Response: 3888645  
Conc: 22.27 ug/ml



#12 Fluoranthene (C21.85)

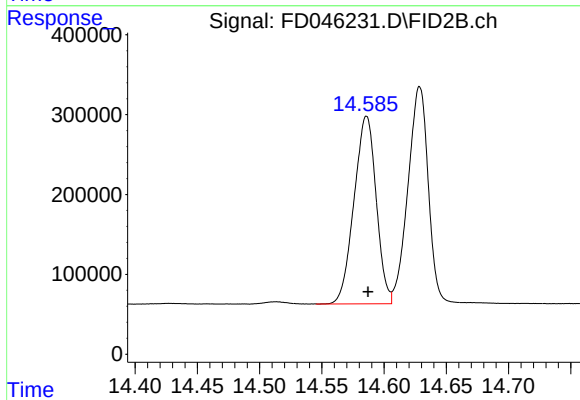
R.T.: 12.427 min  
Delta R.T.: 0.000 min  
Response: 3150261  
Conc: 22.55 ug/ml



#13 Pyrene (C20.8)

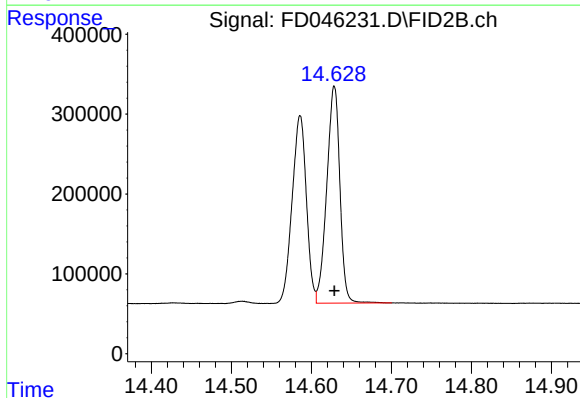
R.T.: 12.722 min  
Delta R.T.: 0.000 min  
Response: 3087494  
Conc: 22.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



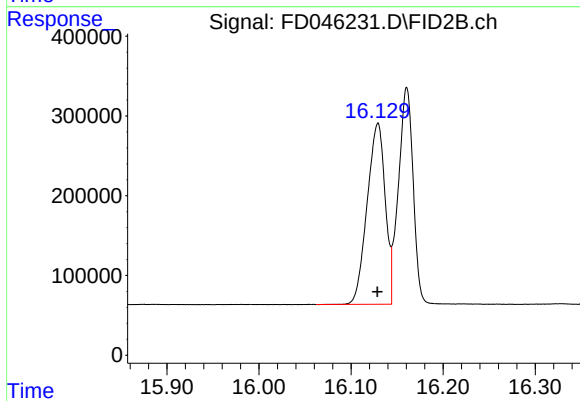
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min  
Delta R.T.: -0.001 min  
Response: 2912112  
Conc: 22.19 ug/ml



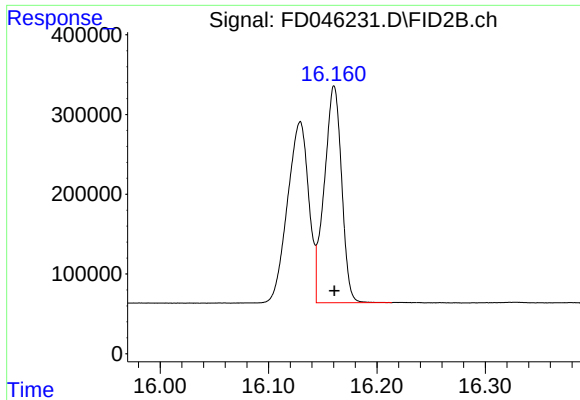
#15 Chrysene (C27.41)

R.T.: 14.628 min  
Delta R.T.: 0.000 min  
Response: 3107150  
Conc: 22.04 ug/ml



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

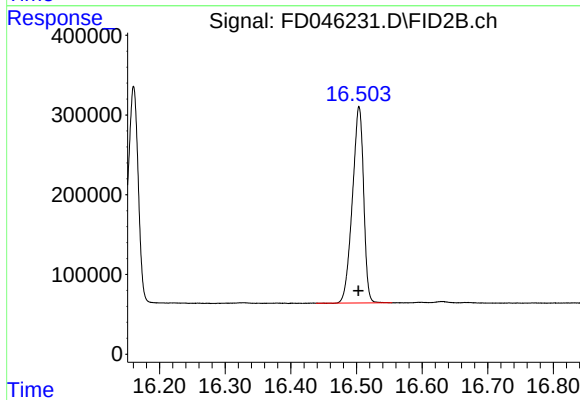
R.T.: 16.129 min  
Delta R.T.: 0.000 min  
Response: 3093358  
Conc: 22.62 ug/ml



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

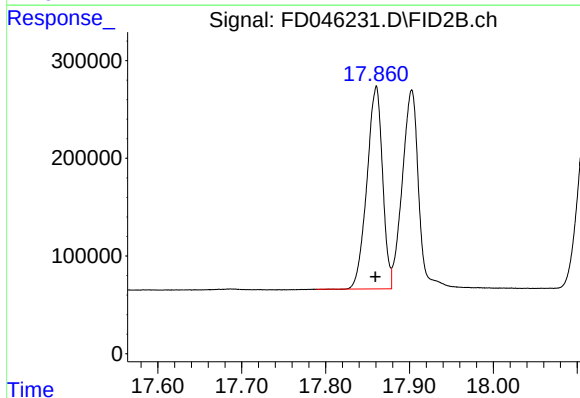
R.T.: 16.160 min  
Delta R.T.: 0.000 min  
Response: 3022675  
Conc: 22.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



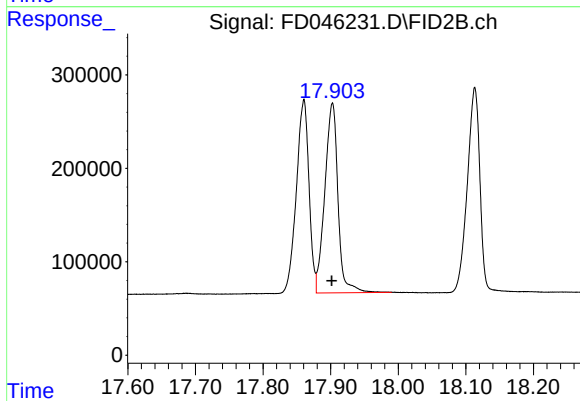
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min  
Delta R.T.: 0.000 min  
Response: 2930453  
Conc: 22.51 ug/ml



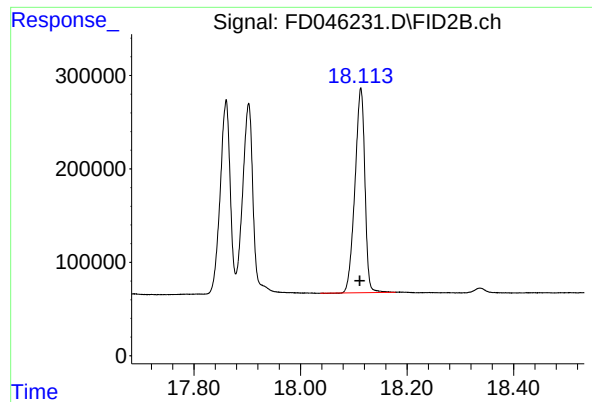
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min  
Delta R.T.: 0.000 min  
Response: 2683552  
Conc: 22.31 ug/ml



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

R.T.: 17.902 min  
Delta R.T.: 0.000 min  
Response: 2755322  
Conc: 21.54 ug/ml



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

R.T.: 18.113 min  
Delta R.T.: 0.002 min  
Response: 2828659  
Conc: 22.30 ug/ml

Instrument :

FID\_D

ClientSampleId :