

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091323AR\  
 Data File : FD046466.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Sep 2023 14:31  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Sep 14 02:58:30 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...      | 7.490  | 3737114    | 22.128 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.26%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.344  | 2446201    | 21.980 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.96%       |
| 11) S ortho-Terphenyl (SURR)       | 11.383 | 4364034    | 22.251 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.50%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.302  | 3923842    | 22.330 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.829  | 4100022    | 22.246 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.878  | 4122609    | 22.204 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.148  | 3734028    | 21.942 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.443  | 3989500    | 22.144 ug/ml |
| 8) T Fluorene (C16.55)             | 9.221  | 3845266    | 21.986 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.610 | 3736652    | 21.778 ug/ml |
| 10) T Anthracene (C19.43)          | 10.684 | 3245628    | 19.240 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.413 | 3656418    | 21.978 ug/ml |
| 13) T Pyrene (C20.8)               | 12.707 | 3506051    | 21.753 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.613 | 3127274    | 22.228 ug/ml |
| 15) T Chrysene (C27.41)            | 14.613 | 3127274    | 21.083 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.145 | 2949242    | 21.705 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.145 | 2949242    | 21.739 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.487 | 2799479    | 21.246 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.885 | 2738312    | 21.953 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.885 | 2738312    | 21.853 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.096 | 2766941    | 21.576 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

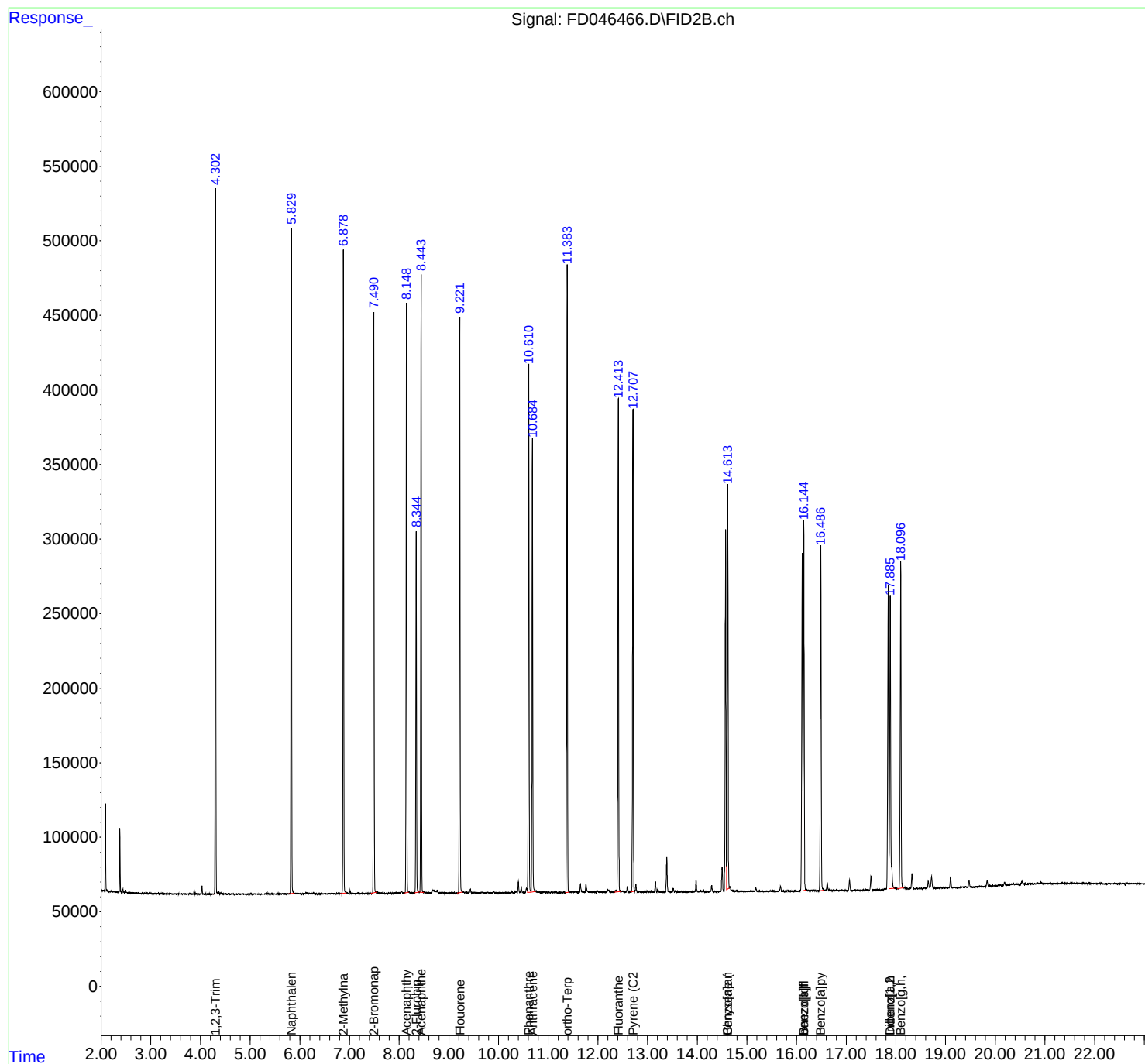
(m)=manual int.

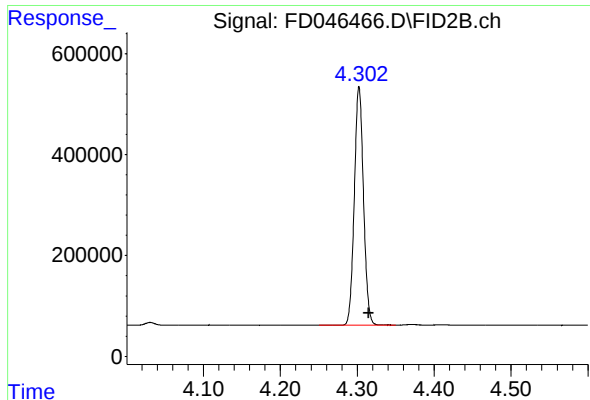
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD091323AR\  
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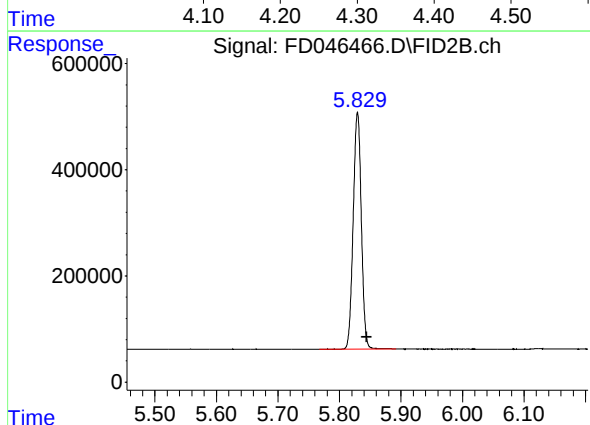




#1 1,2,3-Trimethylbenzene (C10.1)

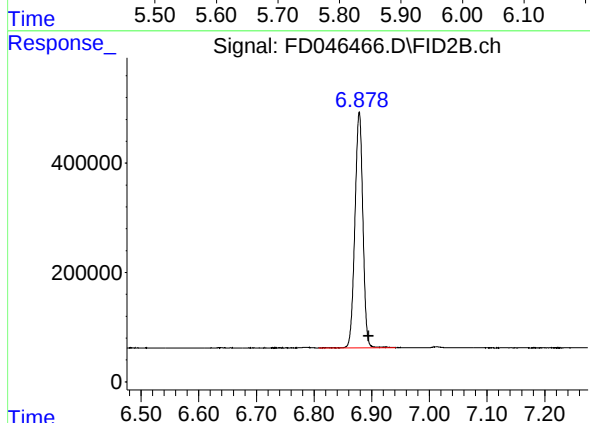
R.T.: 4.302 min  
Delta R.T.: -0.013 min  
Response: 3923842  
Conc: 22.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



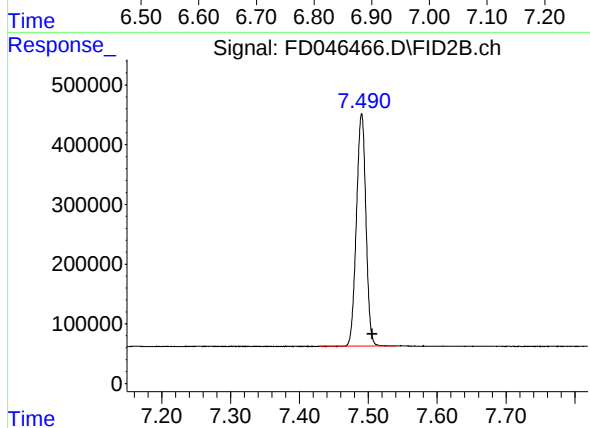
#2 Naphthalene (C11.7)

R.T.: 5.829 min  
Delta R.T.: -0.015 min  
Response: 4100022  
Conc: 22.25 ug/ml



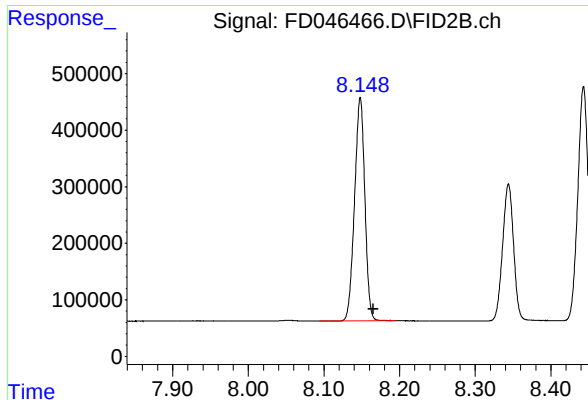
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min  
Delta R.T.: -0.017 min  
Response: 4122609  
Conc: 22.20 ug/ml



#4 2-Bromonaphthalene (SURR)

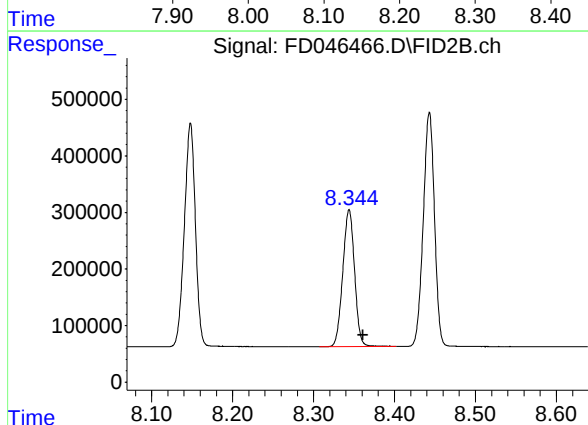
R.T.: 7.490 min  
Delta R.T.: -0.015 min  
Response: 3737114  
Conc: 22.13 ug/ml



#5 Acenaphthylene (C15.06)

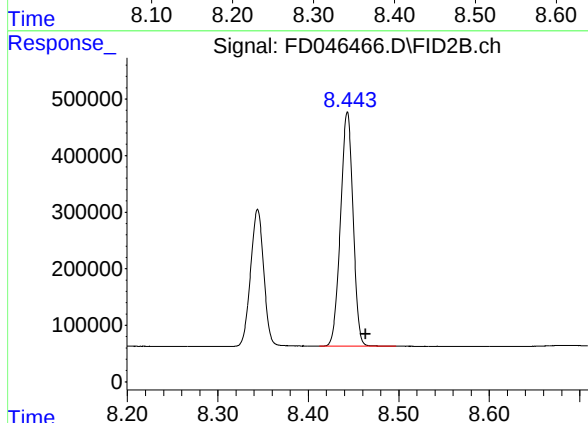
R.T.: 8.148 min  
Delta R.T.: -0.017 min  
Response: 3734028  
Conc: 21.94 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



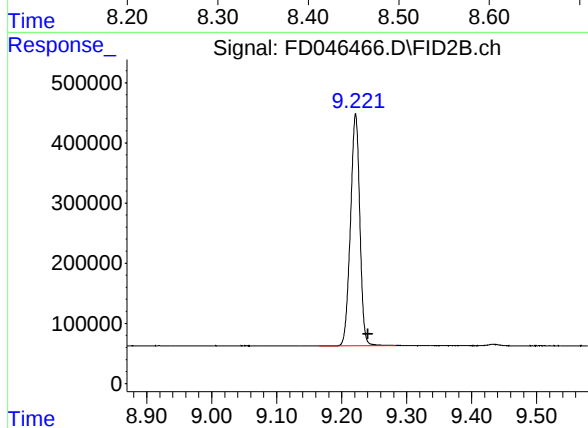
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min  
Delta R.T.: -0.017 min  
Response: 2446201  
Conc: 21.98 ug/ml



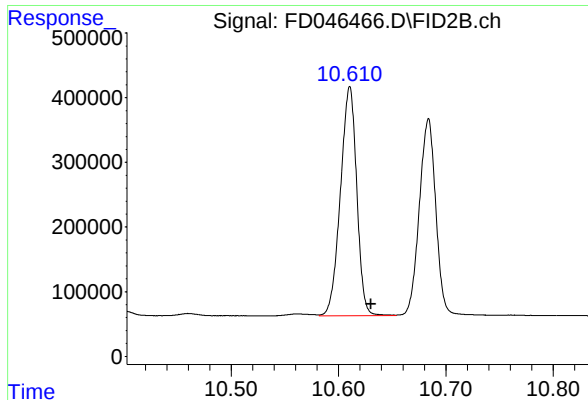
#7 Acenaphthene (C15.5)

R.T.: 8.443 min  
Delta R.T.: -0.020 min  
Response: 3989500  
Conc: 22.14 ug/ml



#8 Fluorene (C16.55)

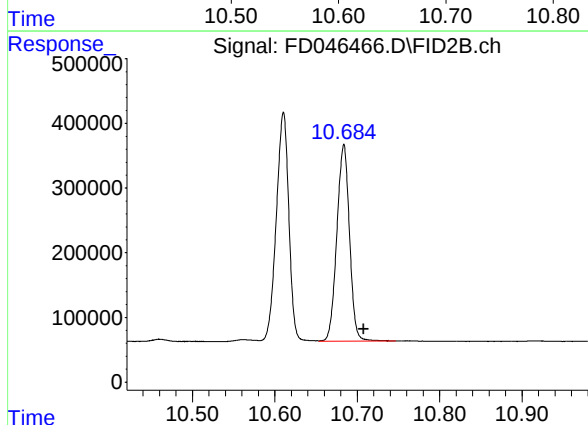
R.T.: 9.221 min  
Delta R.T.: -0.019 min  
Response: 3845266  
Conc: 21.99 ug/ml



#9 Phenanthrene (C19.36)

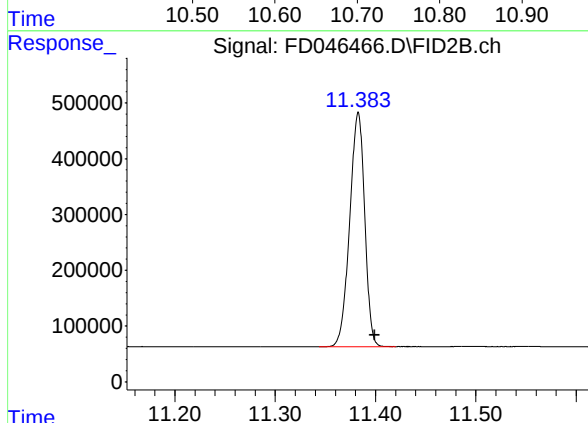
R.T.: 10.610 min  
Delta R.T.: -0.020 min  
Response: 3736652  
Conc: 21.78 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



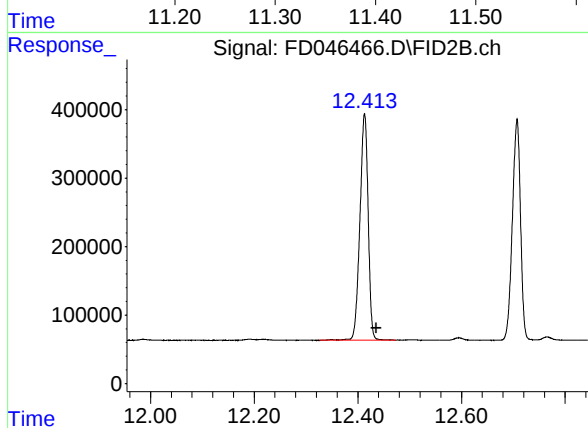
#10 Anthracene (C19.43)

R.T.: 10.684 min  
Delta R.T.: -0.024 min  
Response: 3245628  
Conc: 19.24 ug/ml



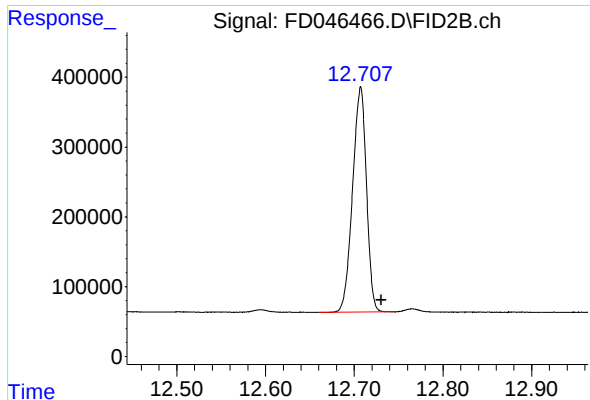
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min  
Delta R.T.: -0.017 min  
Response: 4364034  
Conc: 22.25 ug/ml



#12 Fluoranthene (C21.85)

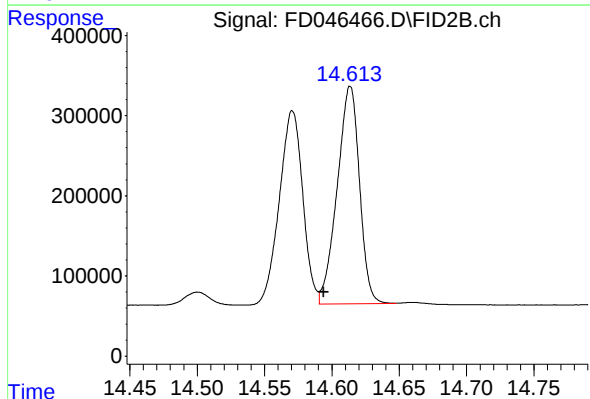
R.T.: 12.413 min  
Delta R.T.: -0.023 min  
Response: 3656418  
Conc: 21.98 ug/ml



#13 Pyrene (C20.8)

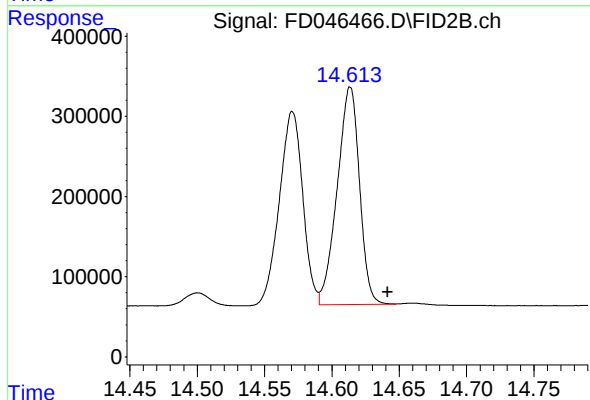
R.T.: 12.707 min  
Delta R.T.: -0.024 min  
Response: 3506051  
Conc: 21.75 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



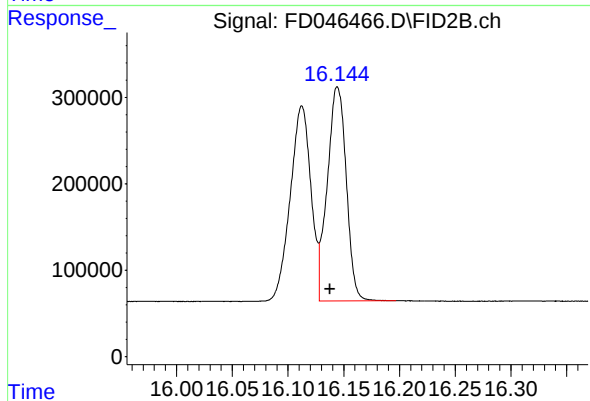
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min  
Delta R.T.: 0.019 min  
Response: 3127274  
Conc: 22.23 ug/ml



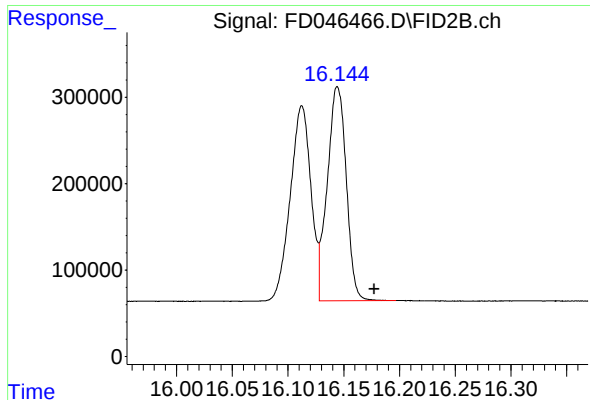
#15 Chrysene (C27.41)

R.T.: 14.613 min  
Delta R.T.: -0.028 min  
Response: 3127274  
Conc: 21.08 ug/ml



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

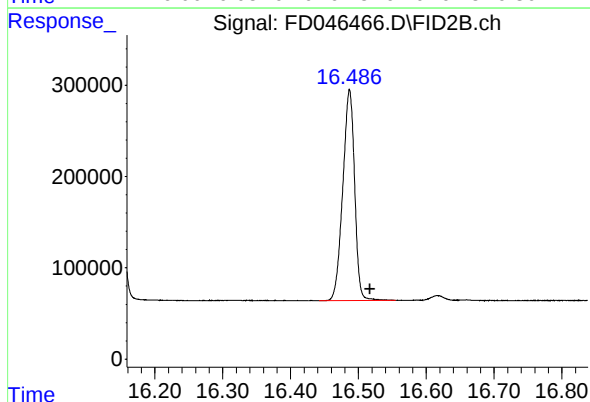
R.T.: 16.145 min  
Delta R.T.: 0.007 min  
Response: 2949242  
Conc: 21.70 ug/ml



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

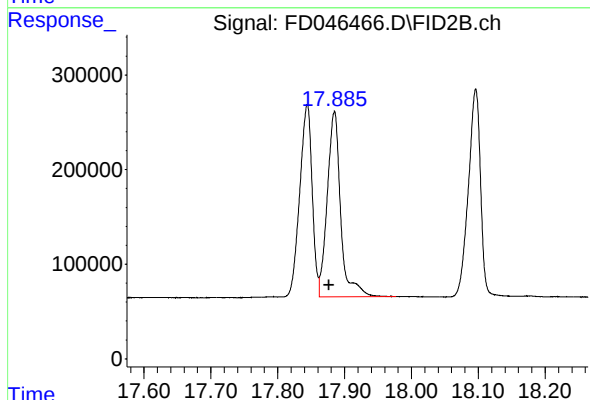
R.T.: 16.145 min  
Delta R.T.: -0.033 min  
Response: 2949242  
Conc: 21.74 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



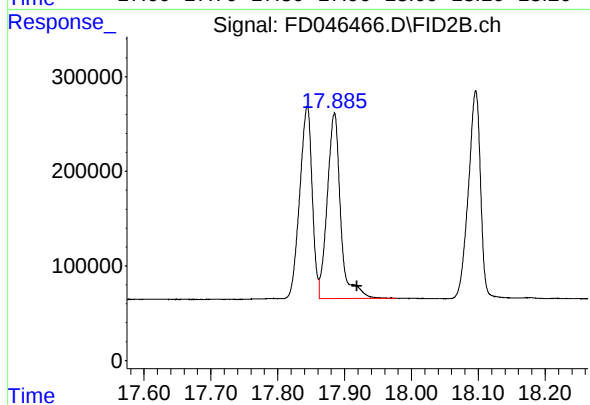
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min  
Delta R.T.: -0.030 min  
Response: 2799479  
Conc: 21.25 ug/ml



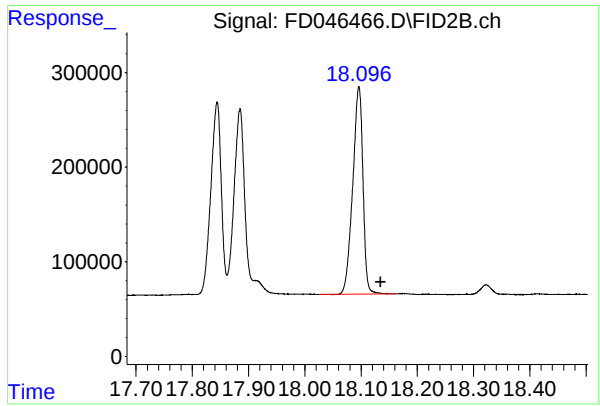
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min  
Delta R.T.: 0.008 min  
Response: 2738312  
Conc: 21.95 ug/ml



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

R.T.: 17.885 min  
Delta R.T.: -0.034 min  
Response: 2738312  
Conc: 21.85 ug/ml



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

R.T.: 18.096 min  
Delta R.T.: -0.038 min  
Response: 2766941  
Conc: 21.58 ug/ml

Instrument :

FID\_D

ClientSampleId :