

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112023AR\  
 Data File : FD046926.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Nov 2023 07:27  
 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: Nov 21 08:01:36 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102723.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Oct 28 02:49:53 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...      | 7.476  | 3729949    | 20.452 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.90%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.329  | 2482673    | 21.096 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.19%       |
| 11) S ortho-Terphenyl (SURR)       | 11.366 | 4512023    | 21.308 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.62%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.290  | 3803247    | 19.693 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.816  | 4023828    | 20.095 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.863  | 4102549    | 20.412 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.132  | 3823627    | 20.789 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.427  | 4065591    | 20.755 ug/ml |
| 8) T Fluorene (C16.55)             | 9.206  | 3973699    | 21.483 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.594 | 3860428    | 21.699 ug/ml |
| 10) T Anthracene (C19.43)          | 10.668 | 3670557    | 21.539 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.397 | 3828359    | 22.166 ug/ml |
| 13) T Pyrene (C20.8)               | 12.690 | 3730238    | 22.434 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.554 | 3116454    | 22.151 ug/ml |
| 15) T Chrysene (C27.41)            | 14.596 | 3303550    | 21.183 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.095 | 3190700    | 22.293 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.127 | 3242053    | 22.145 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.469 | 3088287    | 22.033 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.826 | 2697329    | 21.352 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.867 | 2732970    | 19.563 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.077 | 3005384    | 21.525 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

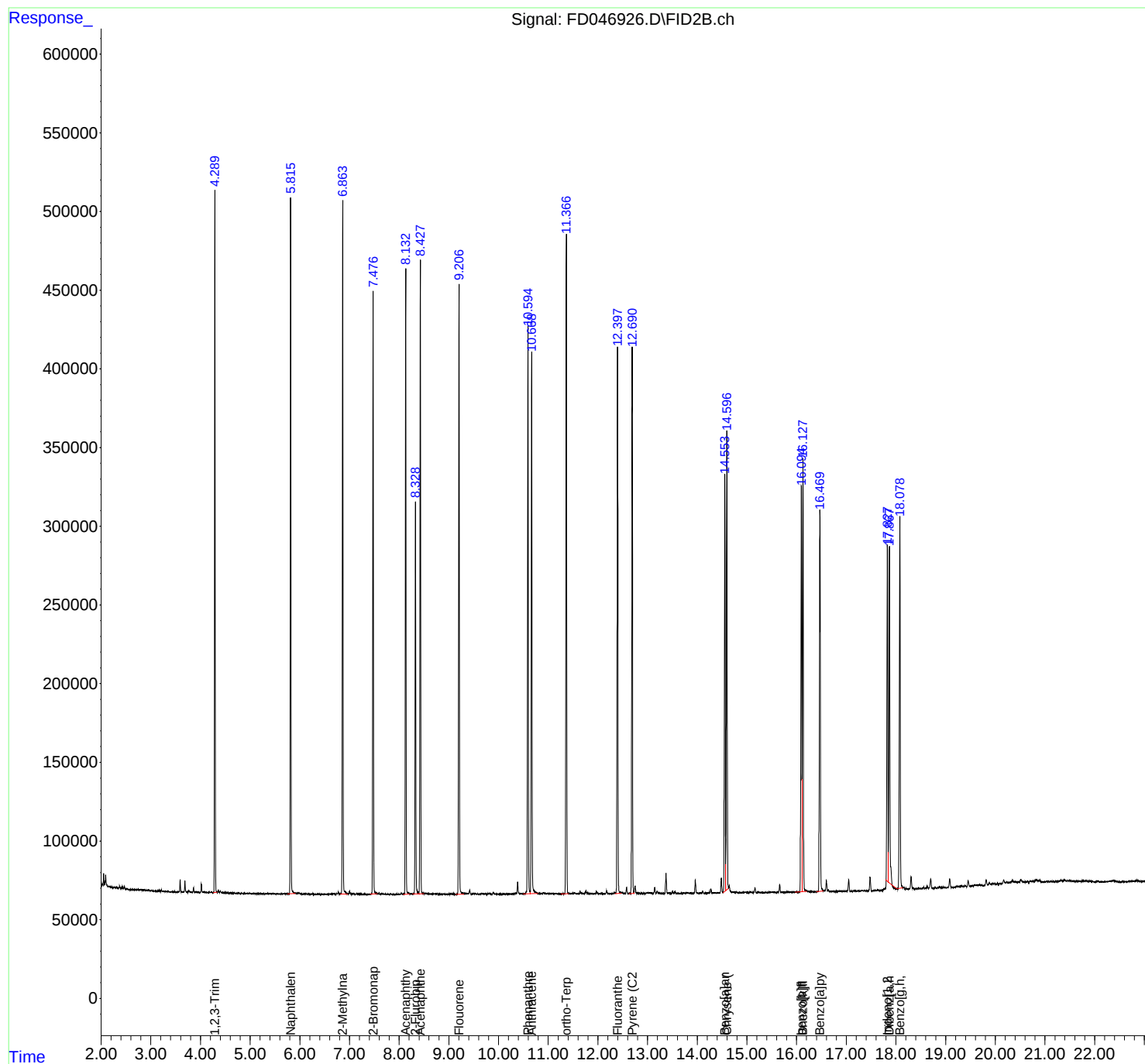
(m)=manual int.

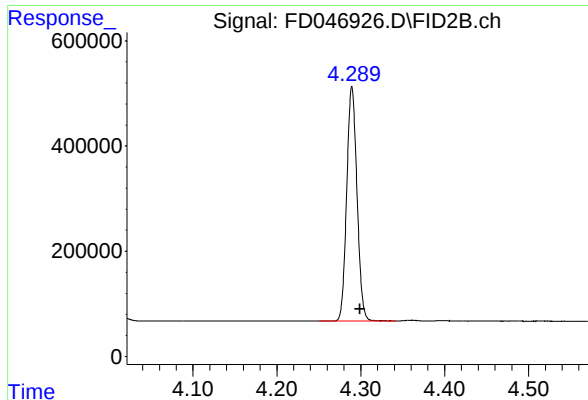
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112023AR\  
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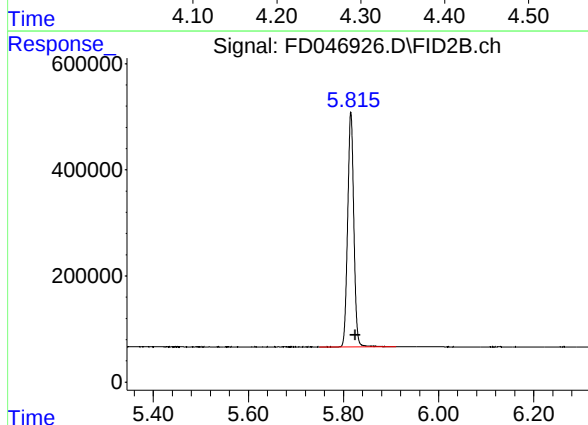




#1 1,2,3-Trimethylbenzene (C10.1)

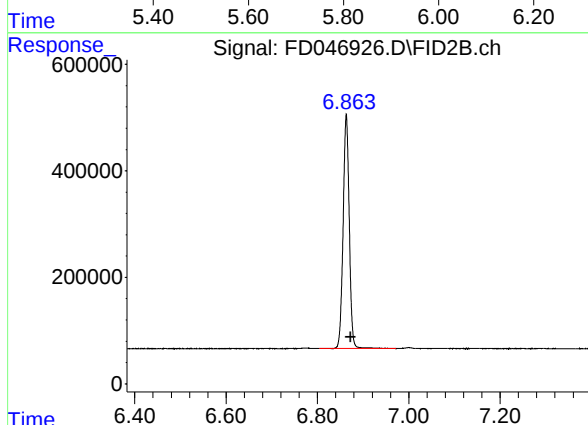
R.T.: 4.290 min  
Delta R.T.: -0.009 min  
Response: 3803247  
Conc: 19.69 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



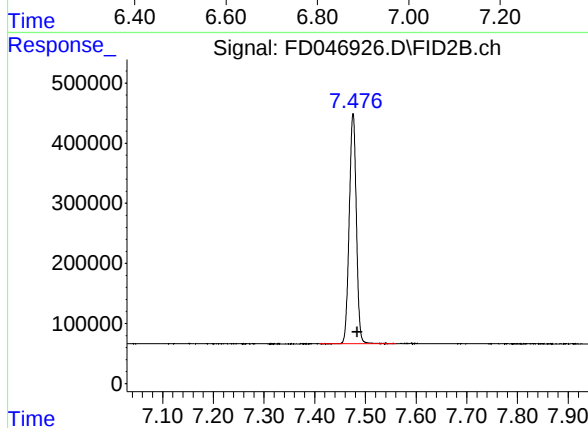
#2 Naphthalene (C11.7)

R.T.: 5.816 min  
Delta R.T.: -0.009 min  
Response: 4023828  
Conc: 20.09 ug/ml



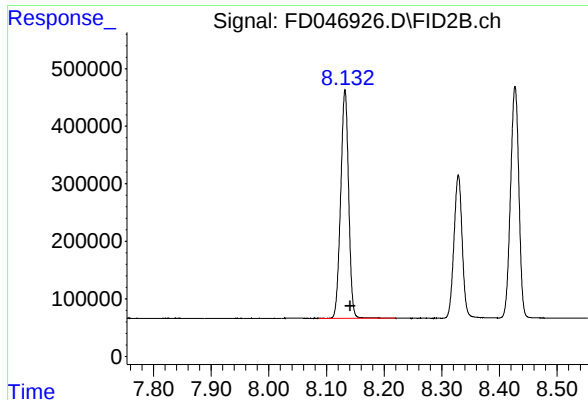
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.863 min  
Delta R.T.: -0.009 min  
Response: 4102549  
Conc: 20.41 ug/ml



#4 2-Bromonaphthalene (SURR)

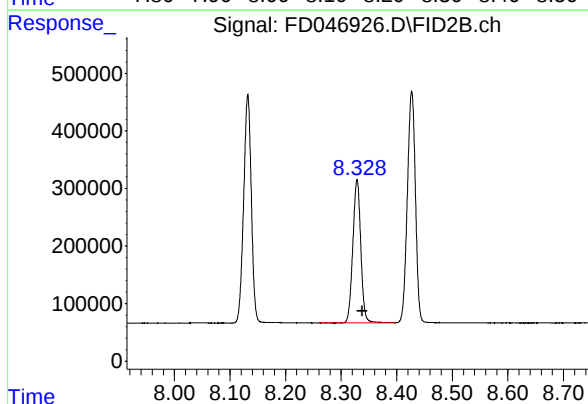
R.T.: 7.476 min  
Delta R.T.: -0.009 min  
Response: 3729949  
Conc: 20.45 ug/ml



#5 Acenaphthylene (C15.06)

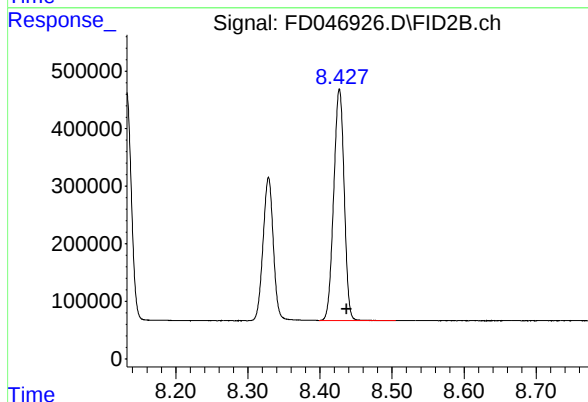
R.T.: 8.132 min  
Delta R.T.: -0.010 min  
Response: 3823627  
Conc: 20.79 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



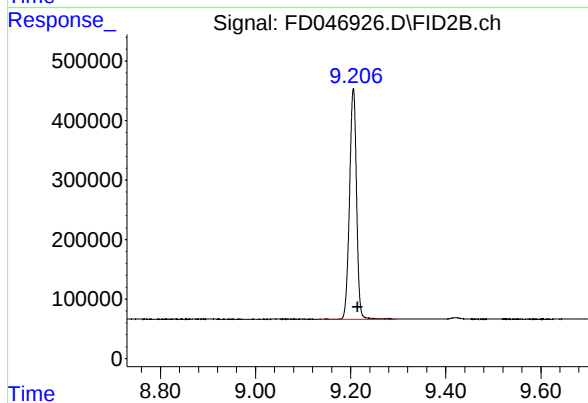
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min  
Delta R.T.: -0.009 min  
Response: 2482673  
Conc: 21.10 ug/ml



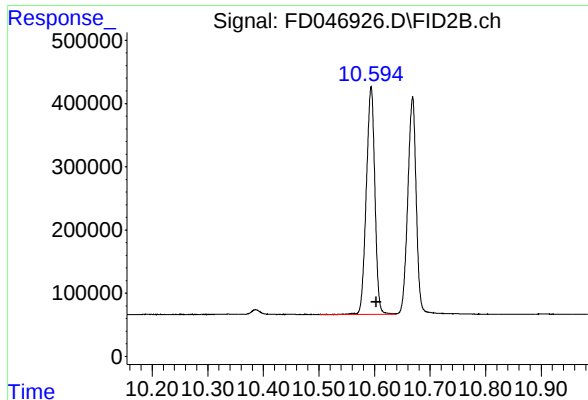
#7 Acenaphthene (C15.5)

R.T.: 8.427 min  
Delta R.T.: -0.010 min  
Response: 4065591  
Conc: 20.75 ug/ml



#8 Fluorene (C16.55)

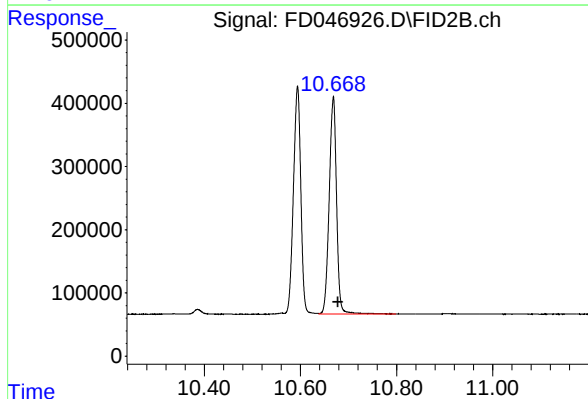
R.T.: 9.206 min  
Delta R.T.: -0.009 min  
Response: 3973699  
Conc: 21.48 ug/ml



#9 Phenanthrene (C19.36)

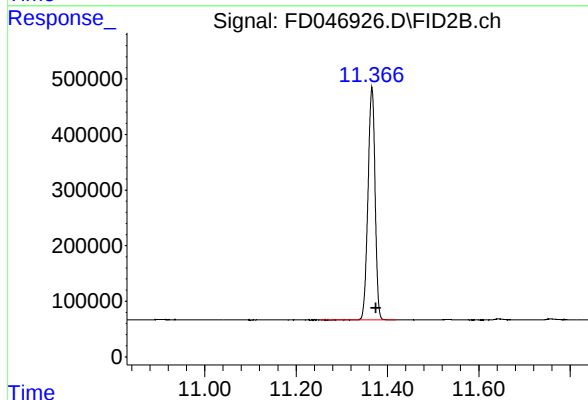
R.T.: 10.594 min  
Delta R.T.: -0.010 min  
Response: 3860428  
Conc: 21.70 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



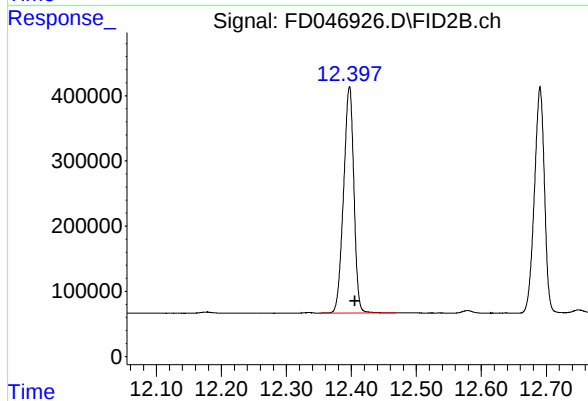
#10 Anthracene (C19.43)

R.T.: 10.668 min  
Delta R.T.: -0.010 min  
Response: 3670557  
Conc: 21.54 ug/ml



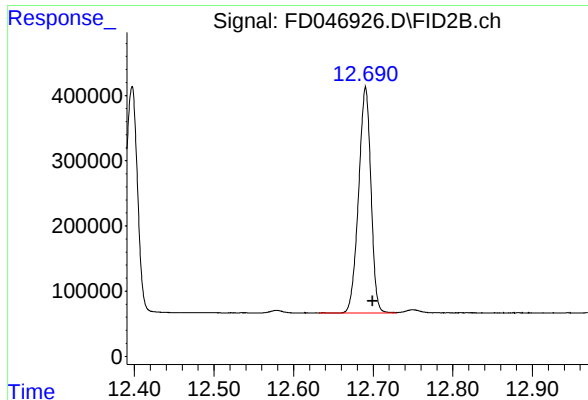
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min  
Delta R.T.: -0.009 min  
Response: 4512023  
Conc: 21.31 ug/ml



#12 Fluoranthene (C21.85)

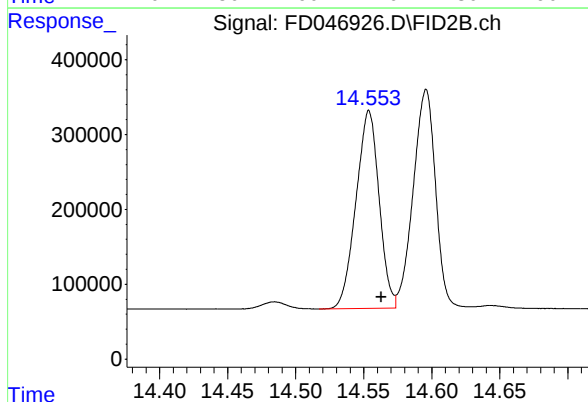
R.T.: 12.397 min  
Delta R.T.: -0.009 min  
Response: 3828359  
Conc: 22.17 ug/ml



#13 Pyrene (C20.8)

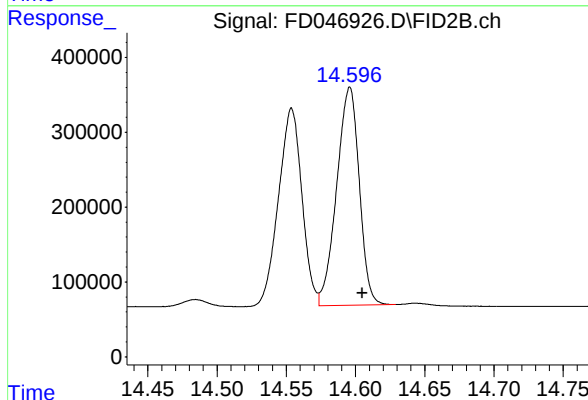
R.T.: 12.690 min  
Delta R.T.: -0.009 min  
Response: 3730238  
Conc: 22.43 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



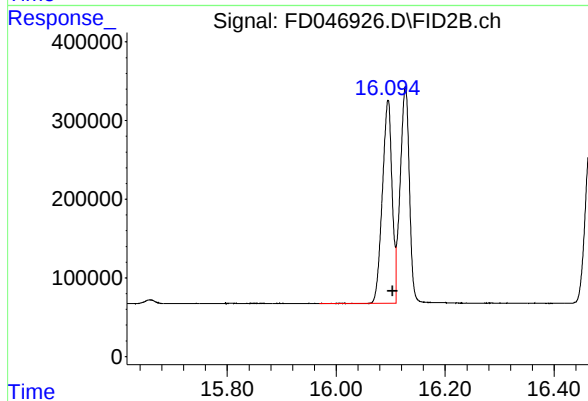
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min  
Delta R.T.: -0.009 min  
Response: 3116454  
Conc: 22.15 ug/ml



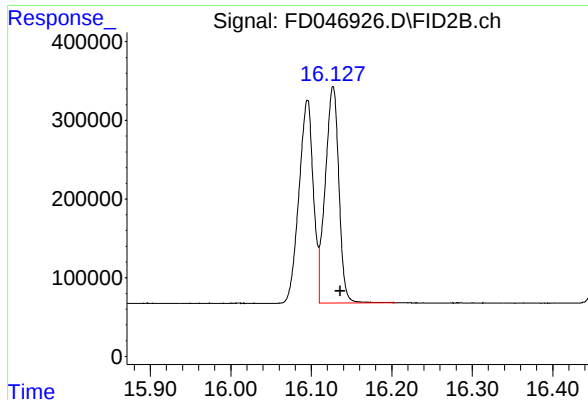
#15 Chrysene (C27.41)

R.T.: 14.596 min  
Delta R.T.: -0.009 min  
Response: 3303550  
Conc: 21.18 ug/ml



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

R.T.: 16.095 min  
Delta R.T.: -0.009 min  
Response: 3190700  
Conc: 22.29 ug/ml



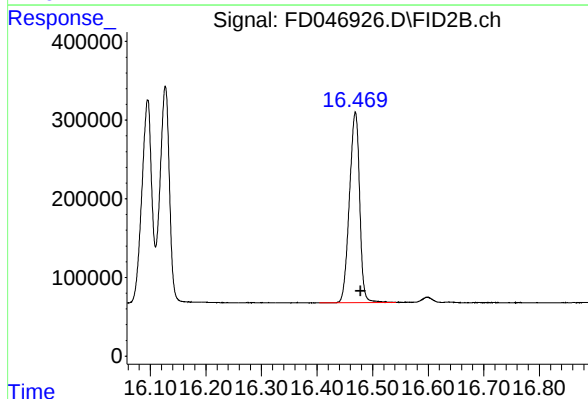
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min  
Delta R.T.: -0.009 min  
Response: 3242053  
Conc: 22.14 ug/ml

Instrument :

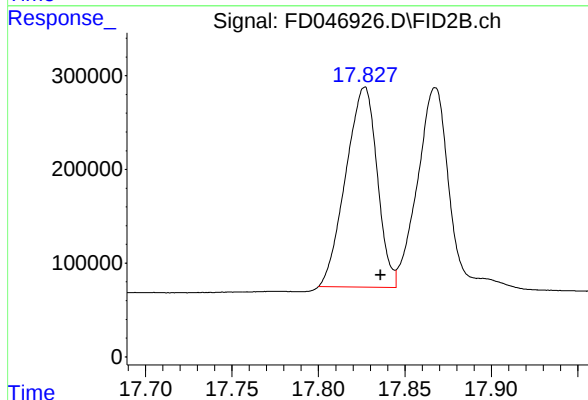
FID\_D

ClientSampleId :



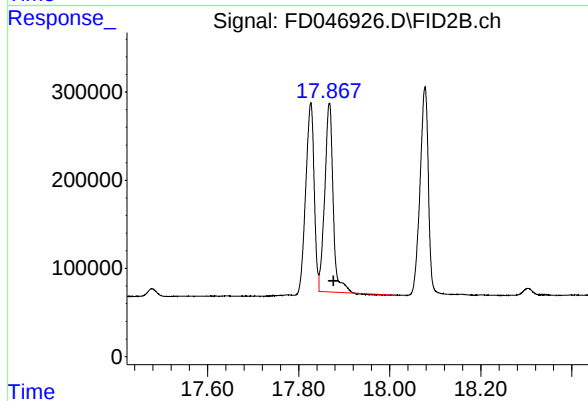
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min  
Delta R.T.: -0.010 min  
Response: 3088287  
Conc: 22.03 ug/ml



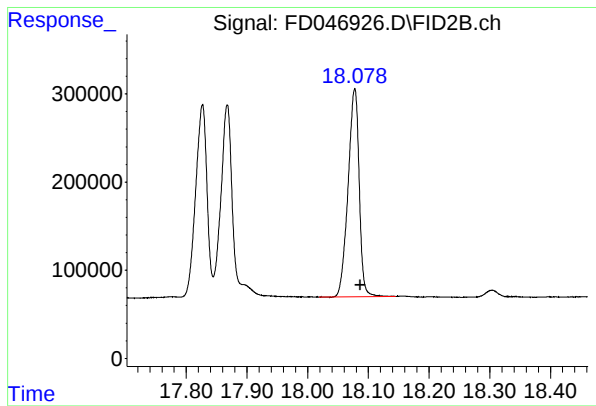
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min  
Delta R.T.: -0.010 min  
Response: 2697329  
Conc: 21.35 ug/ml



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

R.T.: 17.867 min  
Delta R.T.: -0.010 min  
Response: 2732970  
Conc: 19.56 ug/ml



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

R.T.: 18.077 min  
Delta R.T.: -0.010 min  
Response: 3005384  
Conc: 21.52 ug/ml

Instrument :

FID\_D

ClientSampleId :