

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040924AR\  
 Data File : FD047512.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Apr 2024 12:01  
 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: Apr 09 13:01:20 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 040224.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 01 16:48:10 2024  
 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...      | 7.456  | 3144744    | 21.035 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.07%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.308  | 2087859    | 21.368 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 42.74%       |
| 11) S ortho-Terphenyl (SURR)       | 11.344 | 3628029    | 21.164 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.33%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.271  | 3295557    | 20.856 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.797  | 3432876    | 20.978 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.844  | 3457383    | 21.020 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.111  | 3126446    | 20.713 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.406  | 3366516    | 21.019 ug/ml |
| 8) T Flouorene (C16.55)            | 9.184  | 3266554    | 21.115 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.572 | 3177234    | 21.355 ug/ml |
| 10) T Anthracene (C19.43)          | 10.647 | 2574347    | 18.928 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.375 | 3169128    | 21.438 ug/ml |
| 13) T Pyrene (C20.8)               | 12.669 | 3066767    | 21.250 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.533 | 2810629    | 21.372 ug/ml |
| 15) T Chrysene (C27.41)            | 14.575 | 3042360    | 21.575 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.076 | 2959624    | 21.214 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.108 | 2994422    | 21.529 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.452 | 2898024    | 21.107 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.812 | 2842169    | 21.070 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.851 | 3039804    | 22.618 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.062 | 2964381    | 21.359 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

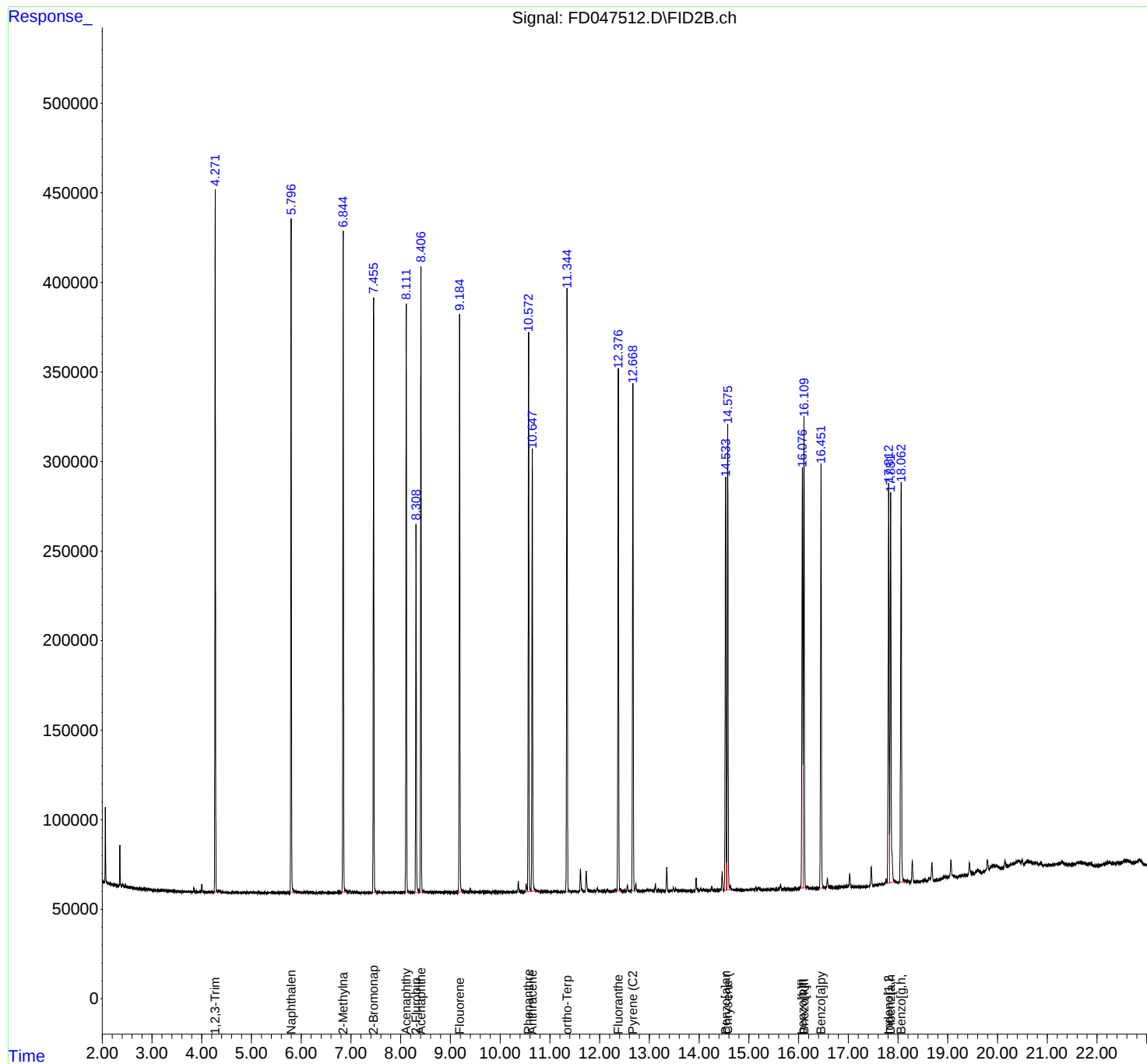
(m)=manual int.

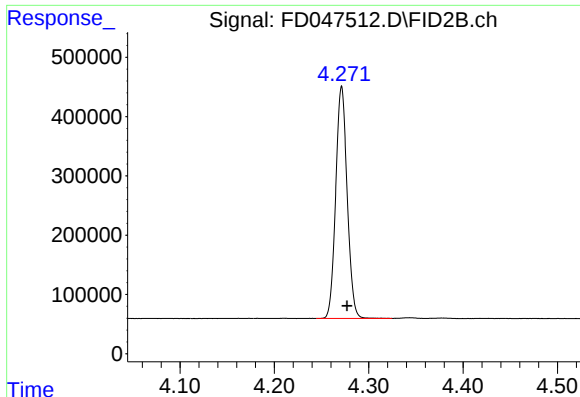
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD040924AR\  
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

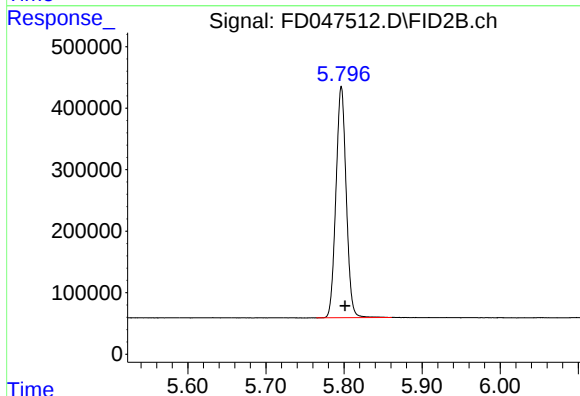




#1 1,2,3-Trimethylbenzene (C10.1)

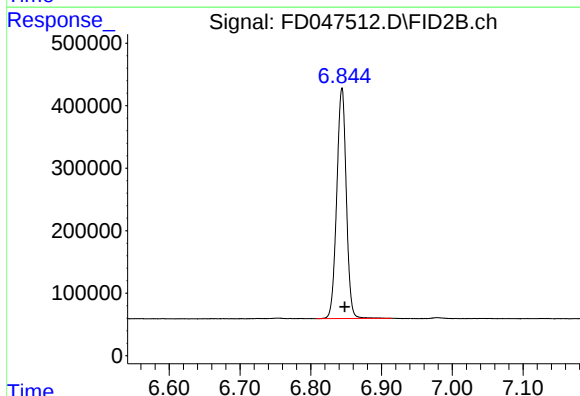
R.T.: 4.271 min  
Delta R.T.: -0.006 min  
Response: 3295557  
Conc: 20.86 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



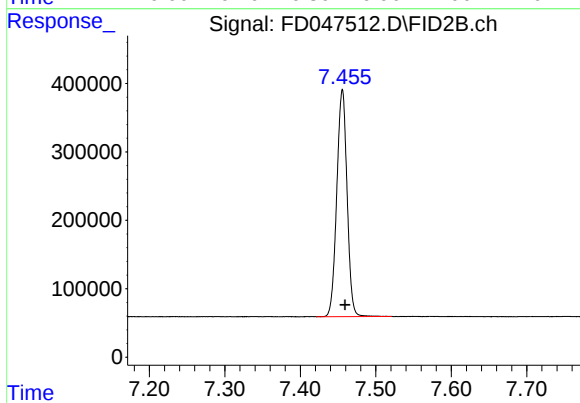
#2 Naphthalene (C11.7)

R.T.: 5.797 min  
Delta R.T.: -0.005 min  
Response: 3432876  
Conc: 20.98 ug/ml



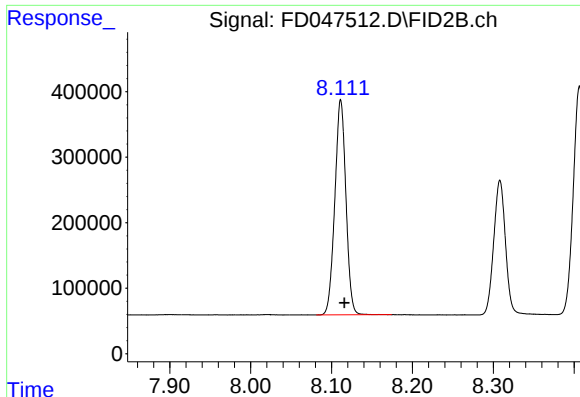
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min  
Delta R.T.: -0.004 min  
Response: 3457383  
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

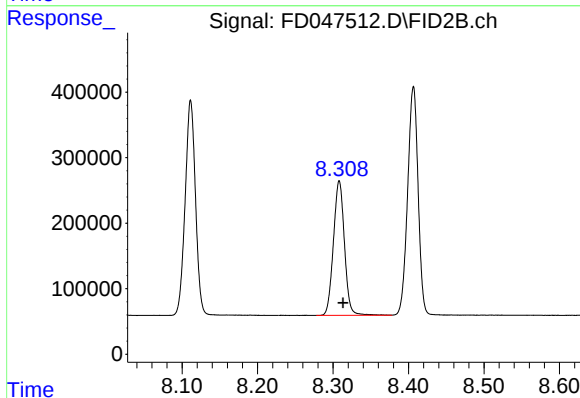
R.T.: 7.456 min  
Delta R.T.: -0.004 min  
Response: 3144744  
Conc: 21.03 ug/ml



#5 Acenaphthylene (C15.06)

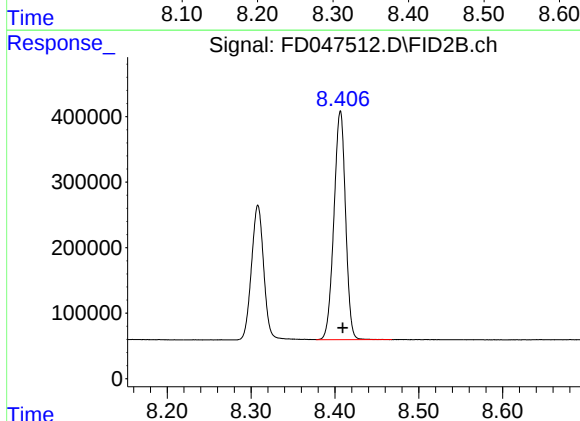
R.T.: 8.111 min  
Delta R.T.: -0.004 min  
Response: 3126446  
Conc: 20.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



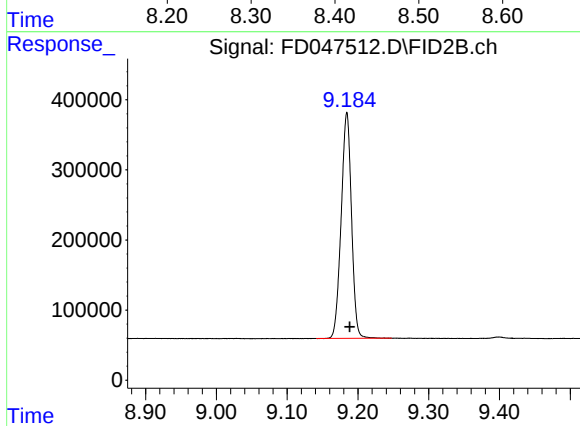
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min  
Delta R.T.: -0.005 min  
Response: 2087859  
Conc: 21.37 ug/ml



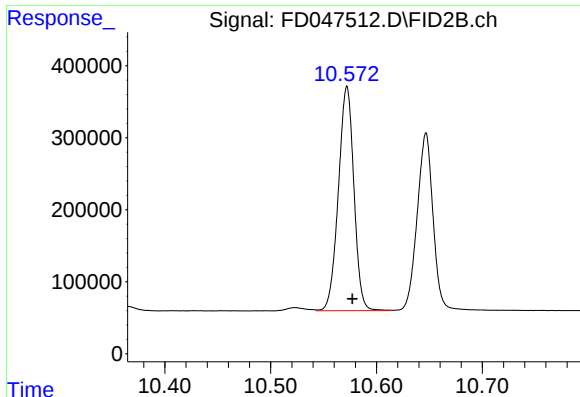
#7 Acenaphthene (C15.5)

R.T.: 8.406 min  
Delta R.T.: -0.003 min  
Response: 3366516  
Conc: 21.02 ug/ml



#8 Fluorene (C16.55)

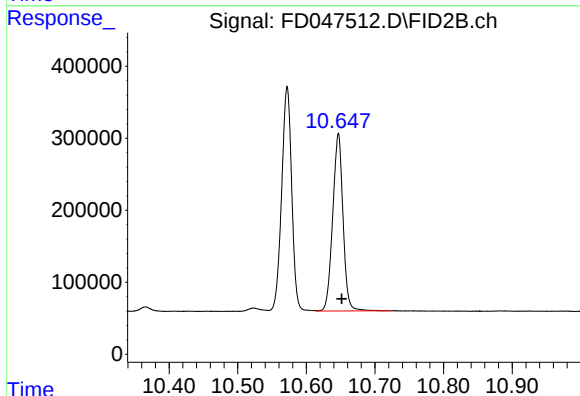
R.T.: 9.184 min  
Delta R.T.: -0.004 min  
Response: 3266554  
Conc: 21.12 ug/ml



#9 Phenanthrene (C19.36)

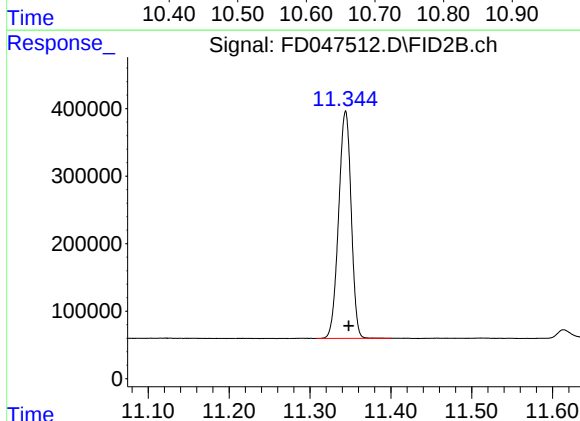
R.T.: 10.572 min  
Delta R.T.: -0.005 min  
Response: 3177234  
Conc: 21.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



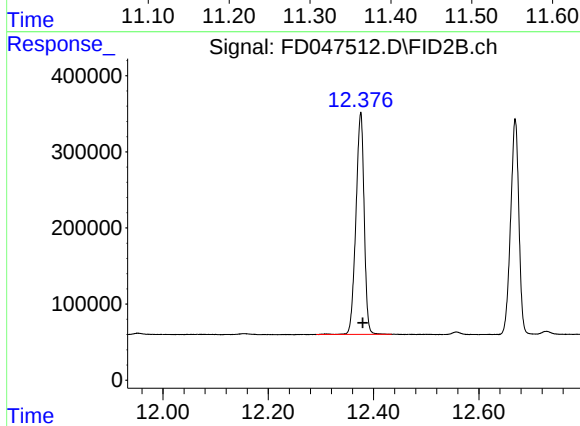
#10 Anthracene (C19.43)

R.T.: 10.647 min  
Delta R.T.: -0.005 min  
Response: 2574347  
Conc: 18.93 ug/ml



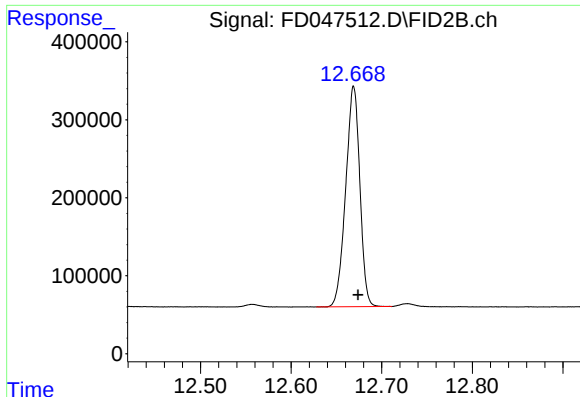
#11 ortho-Terphenyl (SURR)

R.T.: 11.344 min  
Delta R.T.: -0.004 min  
Response: 3628029  
Conc: 21.16 ug/ml



#12 Fluoranthene (C21.85)

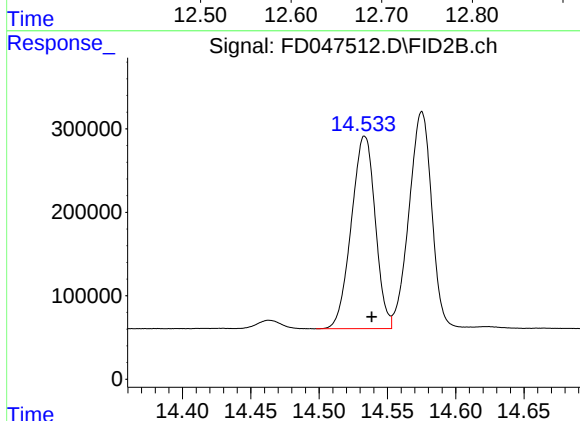
R.T.: 12.375 min  
Delta R.T.: -0.005 min  
Response: 3169128  
Conc: 21.44 ug/ml



#13 Pyrene (C20.8)

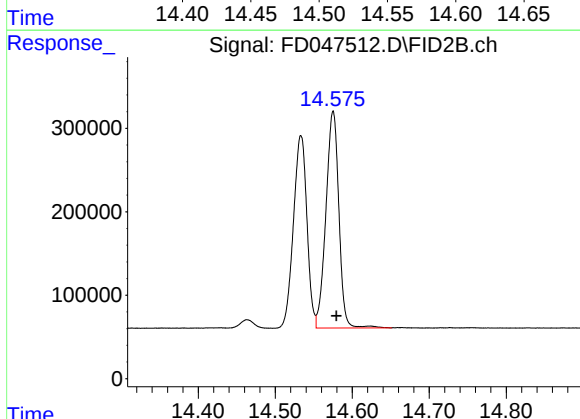
R.T.: 12.669 min  
Delta R.T.: -0.005 min  
Response: 3066767  
Conc: 21.25 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



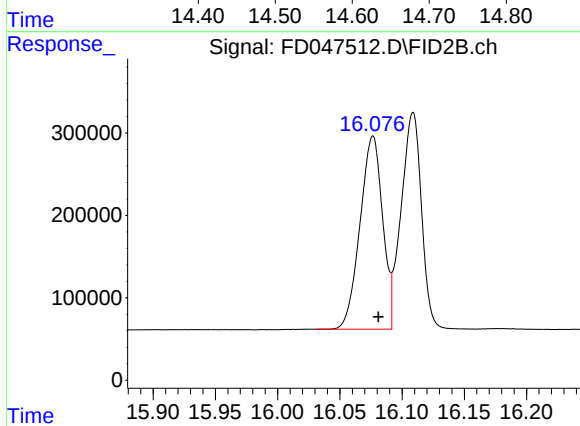
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.533 min  
Delta R.T.: -0.005 min  
Response: 2810629  
Conc: 21.37 ug/ml



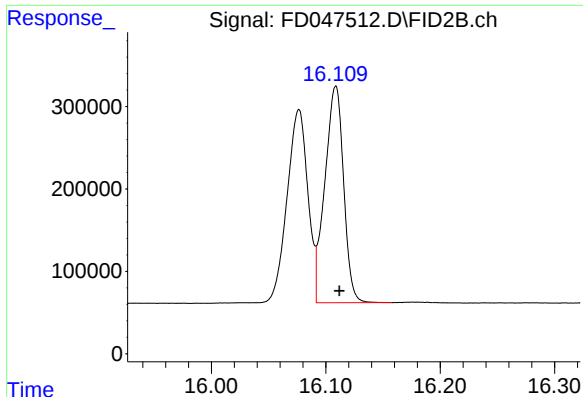
#15 Chrysene (C27.41)

R.T.: 14.575 min  
Delta R.T.: -0.004 min  
Response: 3042360  
Conc: 21.58 ug/ml



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

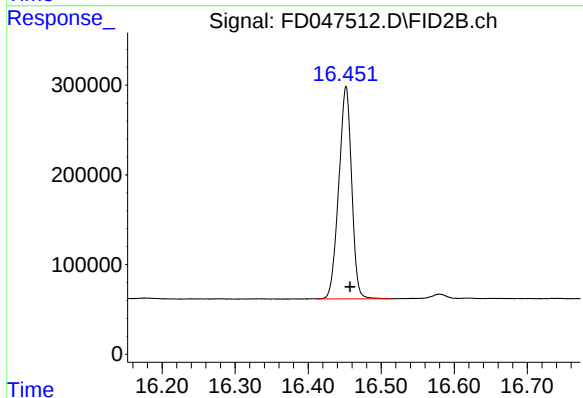
R.T.: 16.076 min  
Delta R.T.: -0.005 min  
Response: 2959624  
Conc: 21.21 ug/ml



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

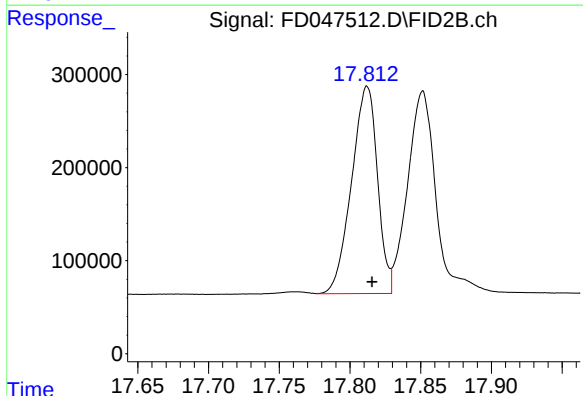
R.T.: 16.108 min  
Delta R.T.: -0.003 min  
Response: 2994422  
Conc: 21.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



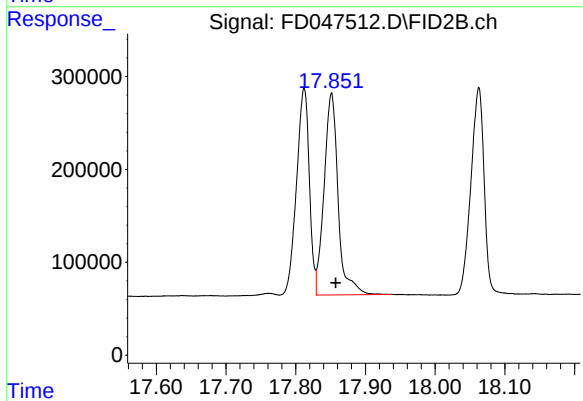
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.452 min  
Delta R.T.: -0.006 min  
Response: 2898024  
Conc: 21.11 ug/ml



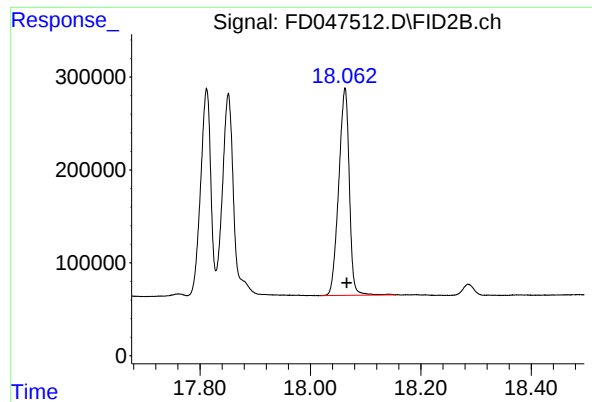
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min  
Delta R.T.: -0.004 min  
Response: 2842169  
Conc: 21.07 ug/ml



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

R.T.: 17.851 min  
Delta R.T.: -0.006 min  
Response: 3039804  
Conc: 22.62 ug/ml



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

R.T.: 18.062 min  
Delta R.T.: -0.003 min  
Response: 2964381  
Conc: 21.36 ug/ml

Instrument :

FID\_D

ClientSampleId :