

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071524AR\  
 Data File : FD048001.D  
 Signal(s) : FID2B.ch  
 Acq On : 15 Jul 2024 14:43  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 15 17:28:31 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:13:15 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...      | 7.409  | 2960506    | 19.919 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.84%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.261  | 1938135    | 20.479 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.96%       |
| 11) S ortho-Terphenyl (SURR)       | 11.299 | 3369366    | 20.137 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.27%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.229  | 3332015    | 19.898 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.750  | 3494277    | 20.220 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.796  | 3477601    | 20.047 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.064  | 3448240    | 20.121 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.358  | 3476319    | 20.039 ug/ml |
| 8) T Flouorene (C16.55)            | 9.137  | 3317848    | 20.428 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.525 | 3210886    | 20.218 ug/ml |
| 10) T Anthracene (C19.43)          | 10.600 | 3168587    | 20.067 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.331 | 3216347    | 20.314 ug/ml |
| 13) T Pyrene (C20.8)               | 12.624 | 3185728    | 20.146 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.492 | 2834205    | 20.759 ug/ml |
| 15) T Chrysene (C27.41)            | 14.534 | 3167828    | 19.651 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.038 | 2957792    | 20.549 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.070 | 2933262    | 19.639 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.414 | 2917700    | 20.600 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.777 | 2258712    | 20.027 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.818 | 2883939    | 19.843 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.027 | 2933249    | 19.904 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

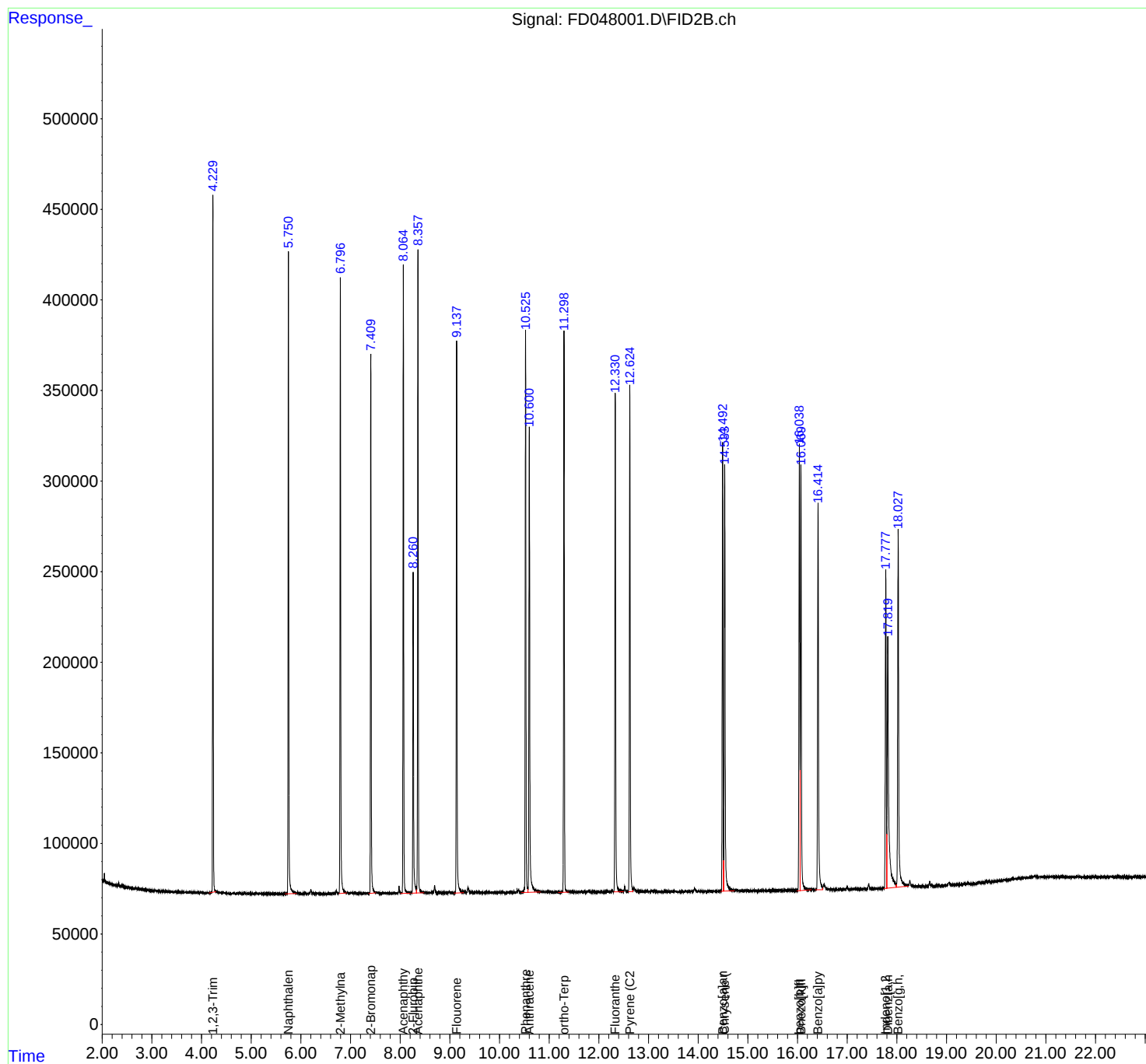
(m)=manual int.

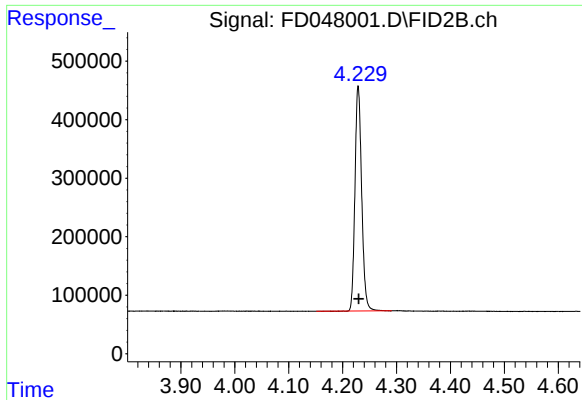
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071524AR\  
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

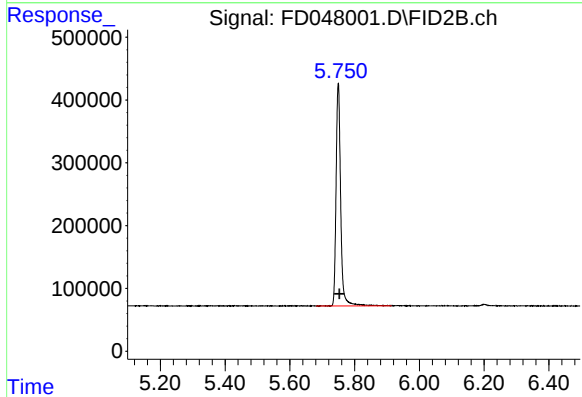




#1 1,2,3-Trimethylbenzene (C10.1)

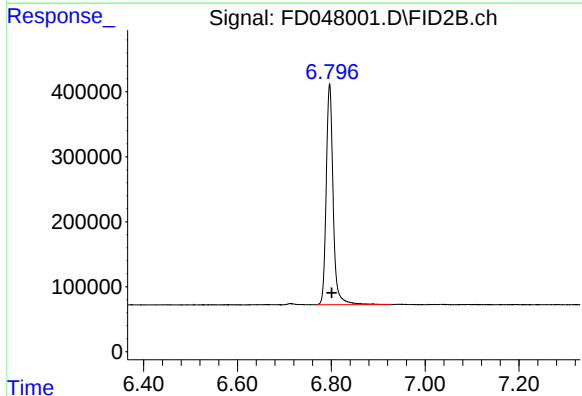
R.T.: 4.229 min  
Delta R.T.: 0.000 min  
Response: 3332015  
Conc: 19.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



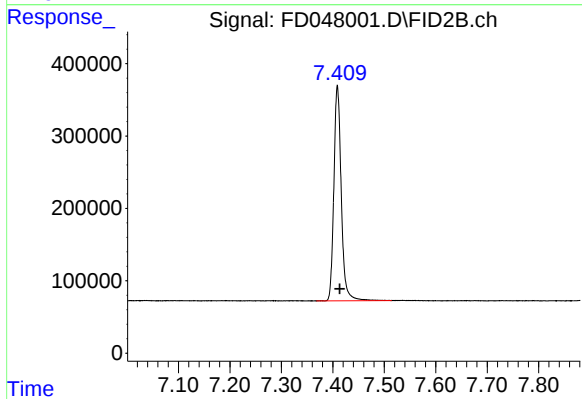
#2 Naphthalene (C11.7)

R.T.: 5.750 min  
Delta R.T.: -0.004 min  
Response: 3494277  
Conc: 20.22 ug/ml



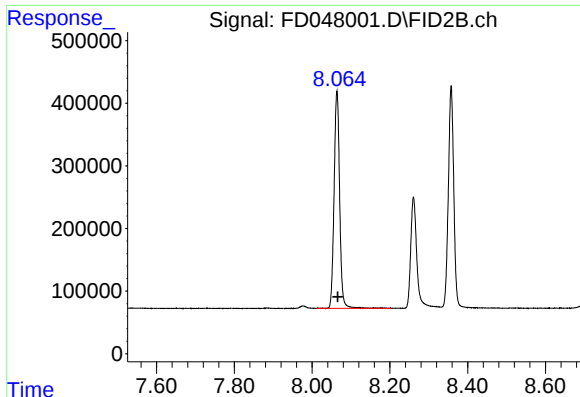
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.796 min  
Delta R.T.: -0.004 min  
Response: 3477601  
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

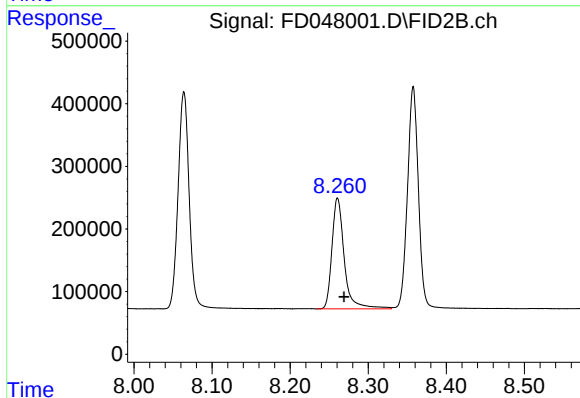
R.T.: 7.409 min  
Delta R.T.: -0.004 min  
Response: 2960506  
Conc: 19.92 ug/ml



#5 Acenaphthylene (C15.06)

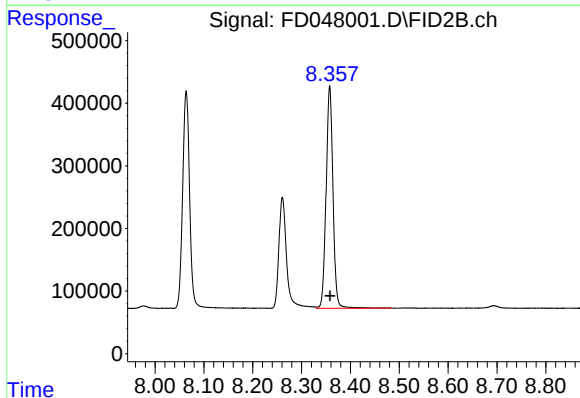
R.T.: 8.064 min  
Delta R.T.: -0.002 min  
Response: 3448240  
Conc: 20.12 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



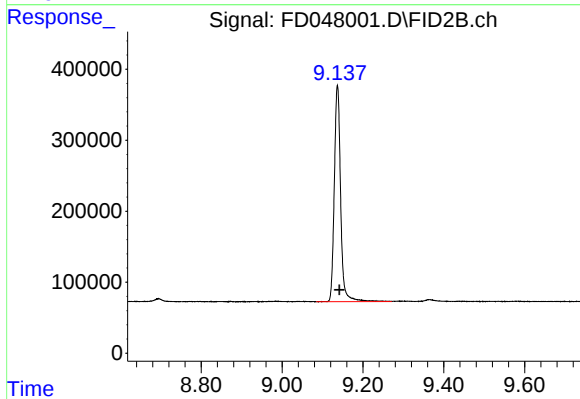
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.261 min  
Delta R.T.: -0.008 min  
Response: 1938135  
Conc: 20.48 ug/ml



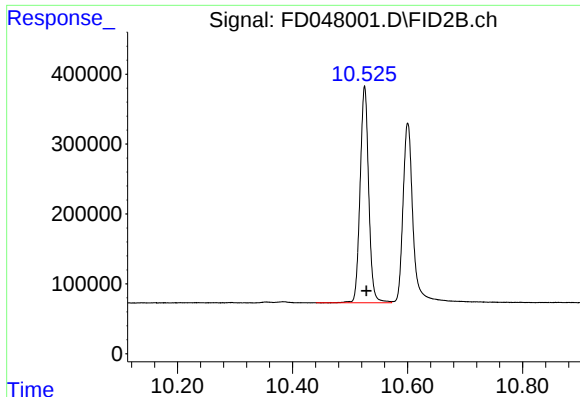
#7 Acenaphthene (C15.5)

R.T.: 8.358 min  
Delta R.T.: 0.000 min  
Response: 3476319  
Conc: 20.04 ug/ml



#8 Fluorene (C16.55)

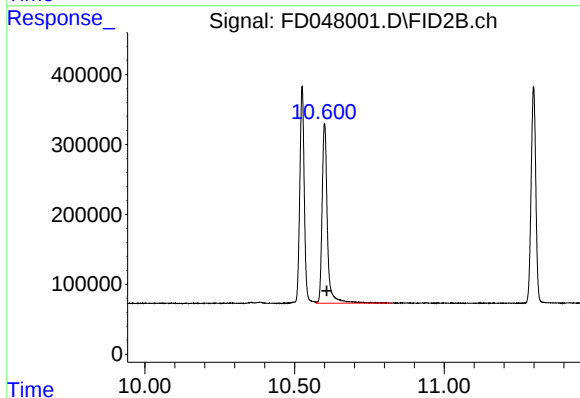
R.T.: 9.137 min  
Delta R.T.: -0.005 min  
Response: 3317848  
Conc: 20.43 ug/ml



#9 Phenanthrene (C19.36)

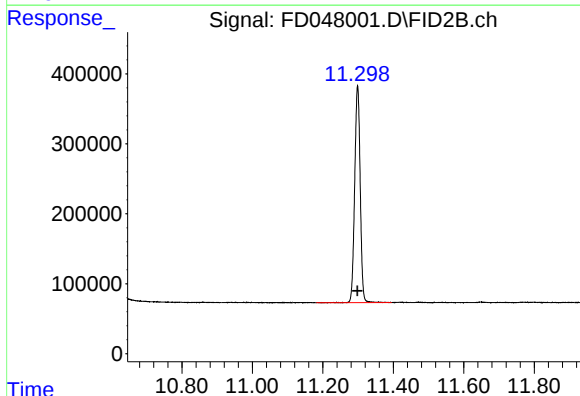
R.T.: 10.525 min  
Delta R.T.: -0.003 min  
Response: 3210886  
Conc: 20.22 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



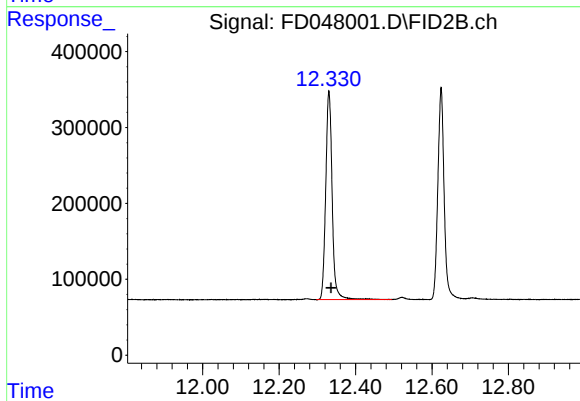
#10 Anthracene (C19.43)

R.T.: 10.600 min  
Delta R.T.: -0.007 min  
Response: 3168587  
Conc: 20.07 ug/ml



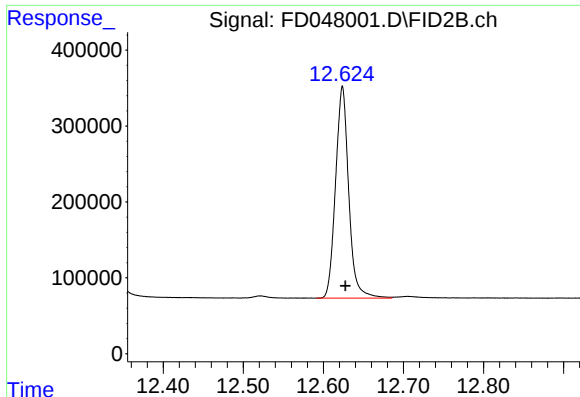
#11 ortho-Terphenyl (SURR)

R.T.: 11.299 min  
Delta R.T.: 0.000 min  
Response: 3369366  
Conc: 20.14 ug/ml



#12 Fluoranthene (C21.85)

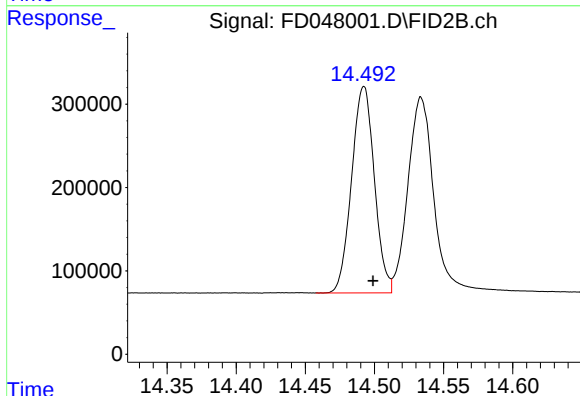
R.T.: 12.331 min  
Delta R.T.: -0.005 min  
Response: 3216347  
Conc: 20.31 ug/ml



#13 Pyrene (C20.8)

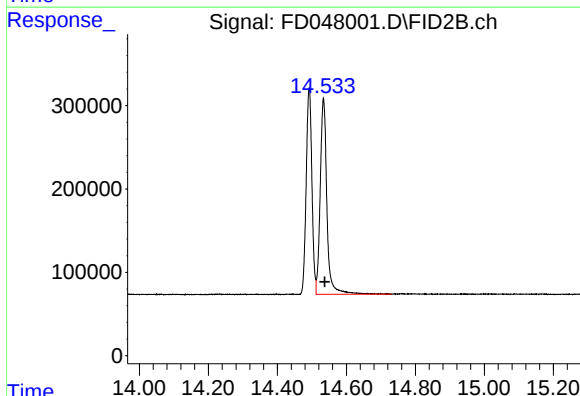
R.T.: 12.624 min  
Delta R.T.: -0.004 min  
Response: 3185728  
Conc: 20.15 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



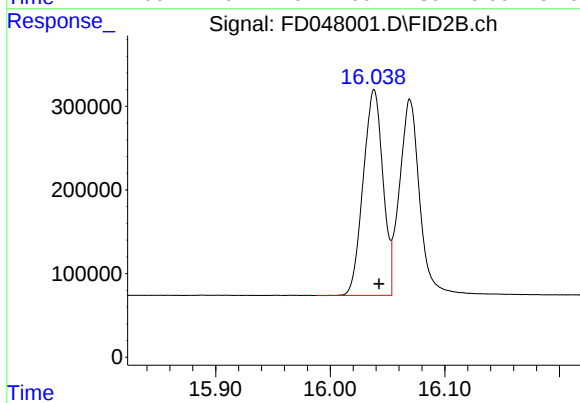
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min  
Delta R.T.: -0.007 min  
Response: 2834205  
Conc: 20.76 ug/ml



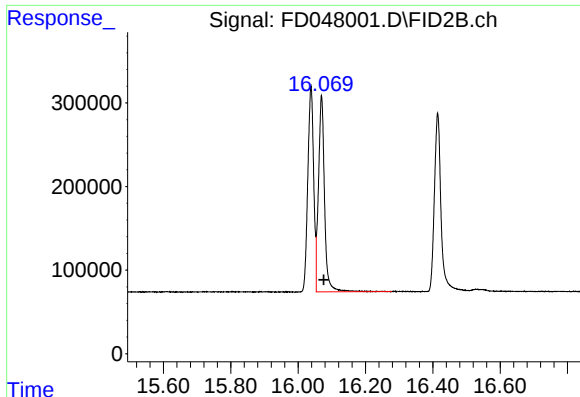
#15 Chrysene (C27.41)

R.T.: 14.534 min  
Delta R.T.: -0.004 min  
Response: 3167828  
Conc: 19.65 ug/ml



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

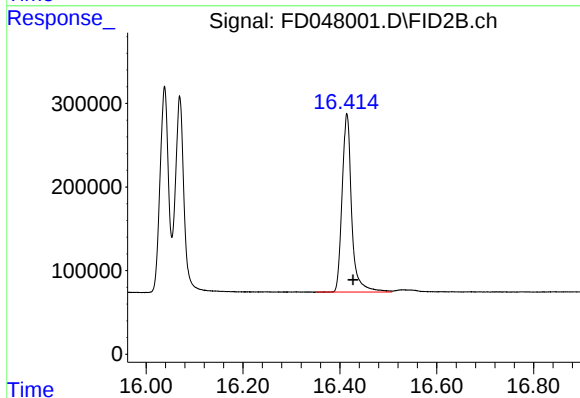
R.T.: 16.038 min  
Delta R.T.: -0.004 min  
Response: 2957792  
Conc: 20.55 ug/ml



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

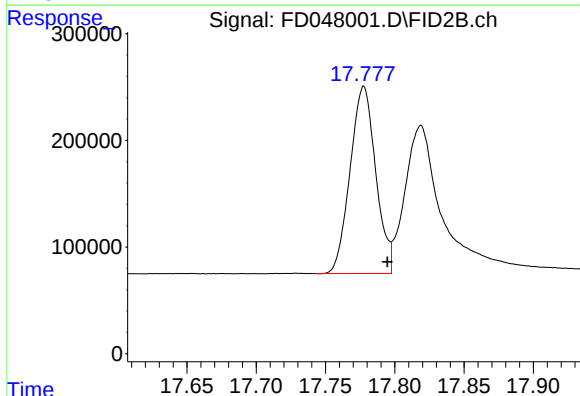
R.T.: 16.070 min  
Delta R.T.: -0.006 min  
Response: 2933262  
Conc: 19.64 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



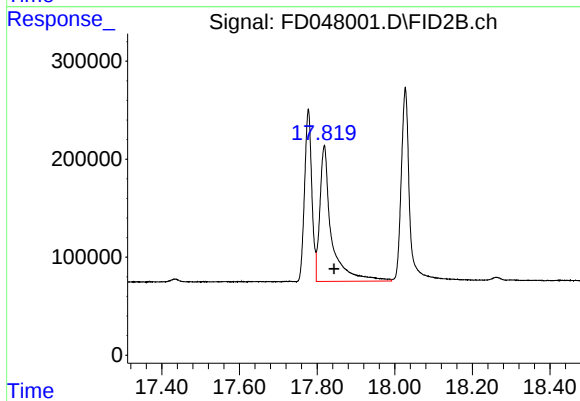
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.414 min  
Delta R.T.: -0.013 min  
Response: 2917700  
Conc: 20.60 ug/ml



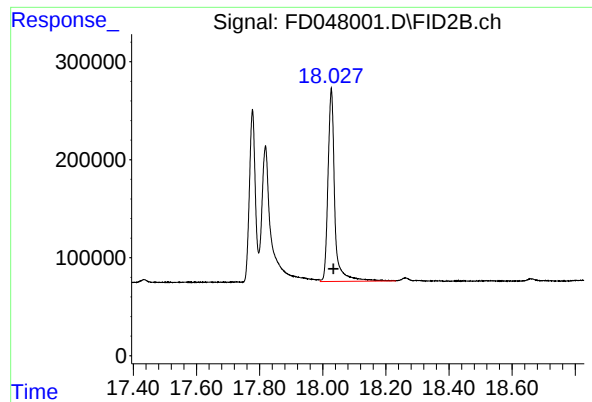
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min  
Delta R.T.: -0.017 min  
Response: 2258712  
Conc: 20.03 ug/ml



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

R.T.: 17.818 min  
Delta R.T.: -0.025 min  
Response: 2883939  
Conc: 19.84 ug/ml



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

R.T.: 18.027 min  
Delta R.T.: -0.008 min  
Response: 2933249  
Conc: 19.90 ug/ml

Instrument :

FID\_D

ClientSampleId :