

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050224AR\  
 Data File : FD047631.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 May 2024 02:23  
 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: May 03 04:02:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 042924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 29 17:13:11 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...      | 7.462  | 3212514    | 20.484 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.97%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.315  | 2172593    | 20.770 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.54%       |
| 11) S ortho-Terphenyl (SURR)       | 11.355 | 3819983    | 20.370 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.74%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.277  | 3311229    | 20.480 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.801  | 3480548    | 20.570 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.849  | 3530395    | 20.725 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.118  | 3269562    | 20.048 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.413  | 3493478    | 20.783 ug/ml |
| 8) T Flouorene (C16.55)            | 9.192  | 3413864    | 20.523 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.582 | 3414692    | 20.857 ug/ml |
| 10) T Anthracene (C19.43)          | 10.656 | 2762579    | 18.444 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.388 | 3423248    | 20.630 ug/ml |
| 13) T Pyrene (C20.8)               | 12.682 | 3308286    | 20.332 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.550 | 2936282    | 20.115 ug/ml |
| 15) T Chrysene (C27.41)            | 14.591 | 3130570    | 19.866 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.097 | 3028833    | 20.279 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.129 | 3106417    | 20.634 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.472 | 2881930    | 19.973 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.835 | 2748141    | 20.249 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.874 | 3061176    | 21.381 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.086 | 2838191    | 20.672 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

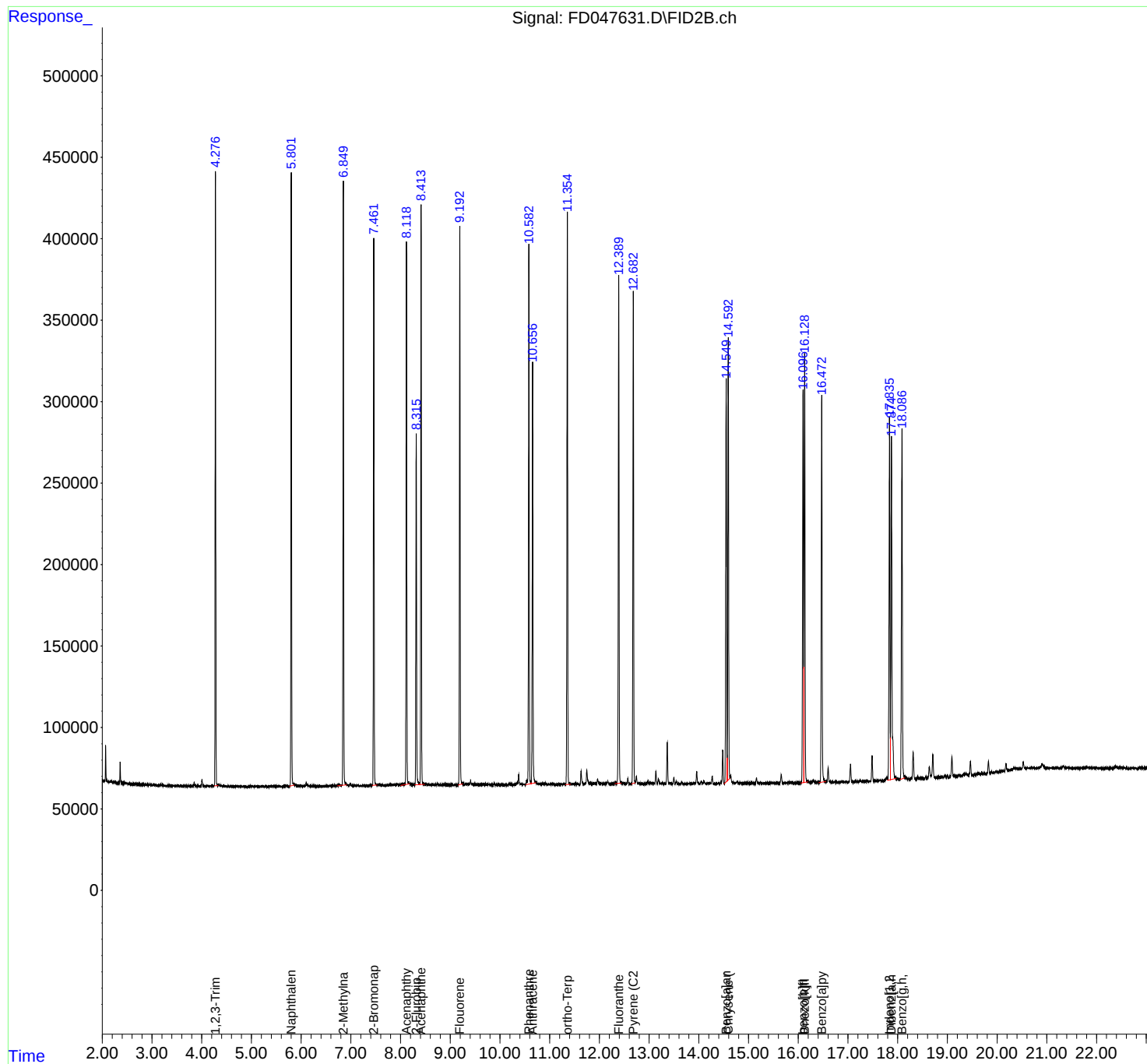
(m)=manual int.

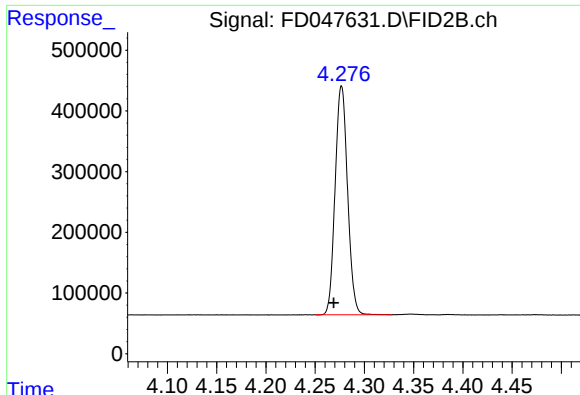
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050224AR\  
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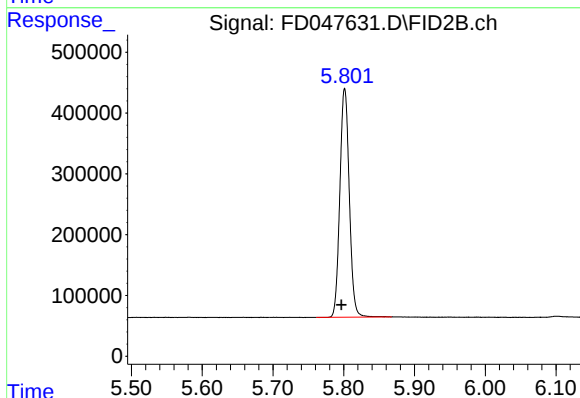




#1 1,2,3-Trimethylbenzene (C10.1)

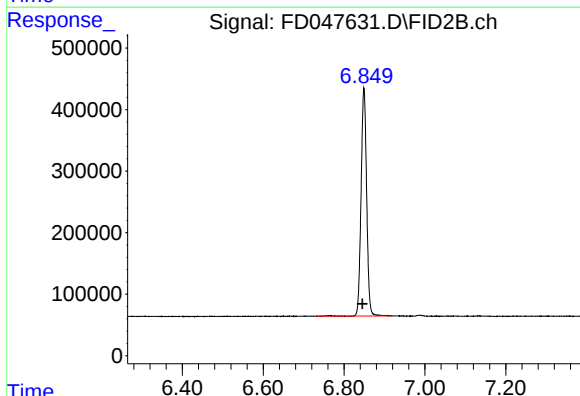
R.T.: 4.277 min  
Delta R.T.: 0.008 min  
Response: 3311229  
Conc: 20.48 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



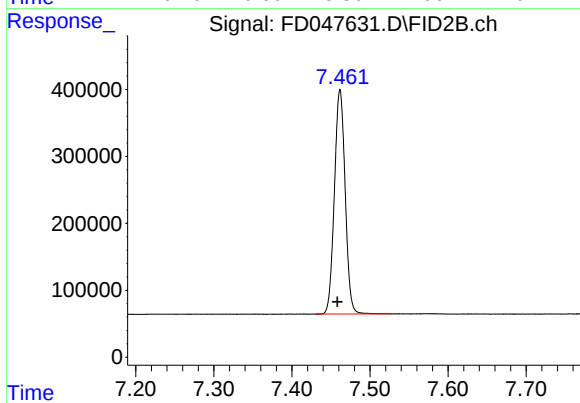
#2 Naphthalene (C11.7)

R.T.: 5.801 min  
Delta R.T.: 0.005 min  
Response: 3480548  
Conc: 20.57 ug/ml



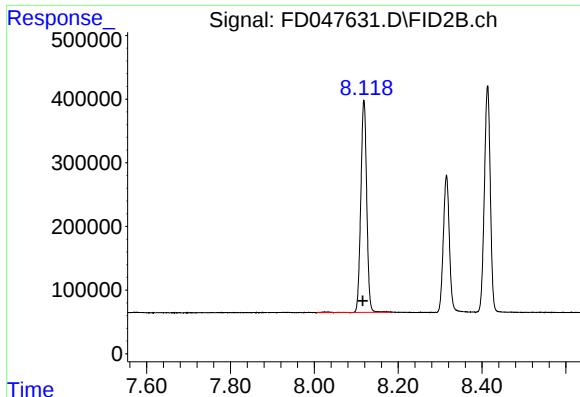
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min  
Delta R.T.: 0.004 min  
Response: 3530395  
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

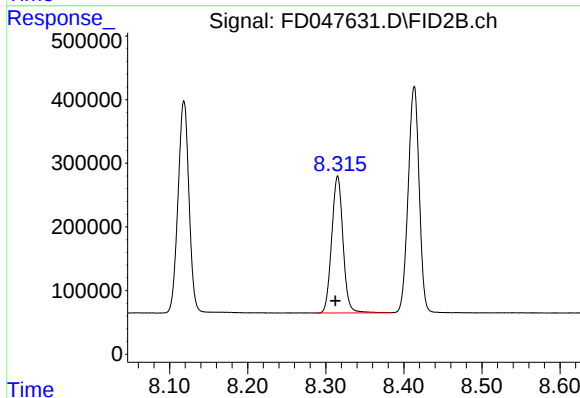
R.T.: 7.462 min  
Delta R.T.: 0.003 min  
Response: 3212514  
Conc: 20.48 ug/ml



#5 Acenaphthylene (C15.06)

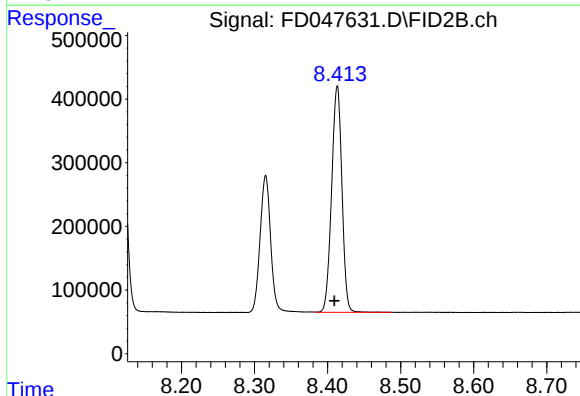
R.T.: 8.118 min  
Delta R.T.: 0.003 min  
Response: 3269562  
Conc: 20.05 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



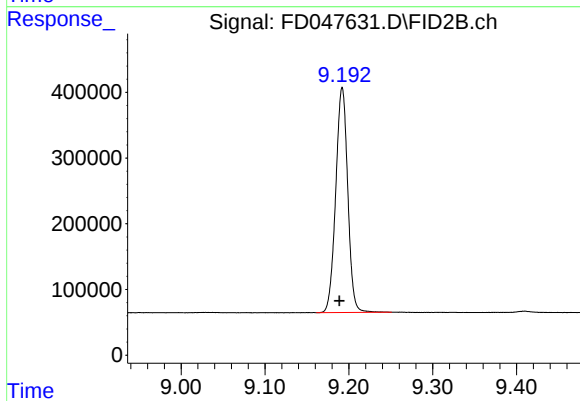
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min  
Delta R.T.: 0.003 min  
Response: 2172593  
Conc: 20.77 ug/ml



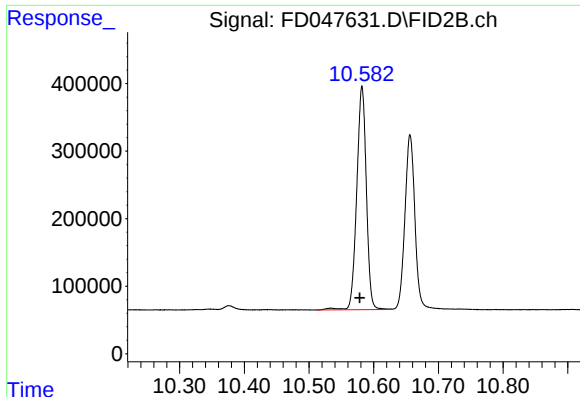
#7 Acenaphthene (C15.5)

R.T.: 8.413 min  
Delta R.T.: 0.004 min  
Response: 3493478  
Conc: 20.78 ug/ml



#8 Fluorene (C16.55)

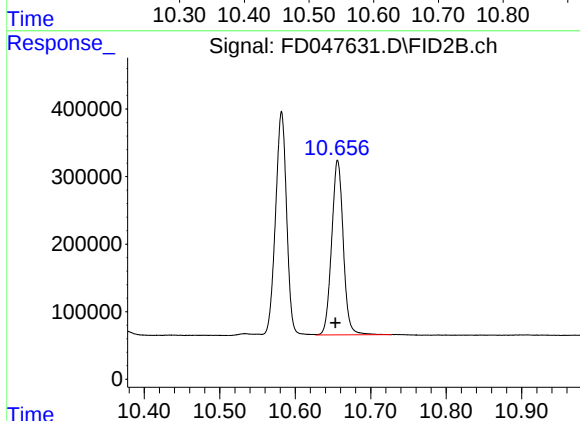
R.T.: 9.192 min  
Delta R.T.: 0.003 min  
Response: 3413864  
Conc: 20.52 ug/ml



#9 Phenanthrene (C19.36)

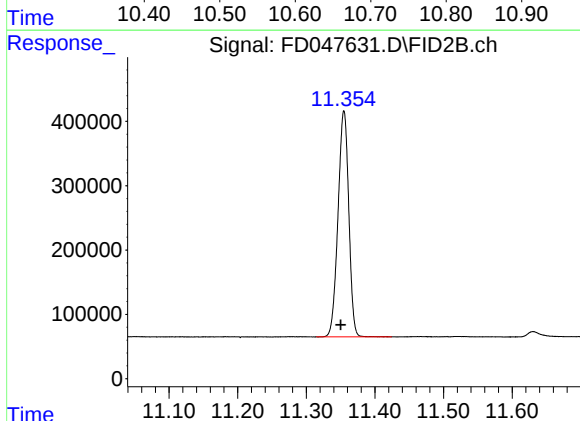
R.T.: 10.582 min  
Delta R.T.: 0.004 min  
Response: 3414692  
Conc: 20.86 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



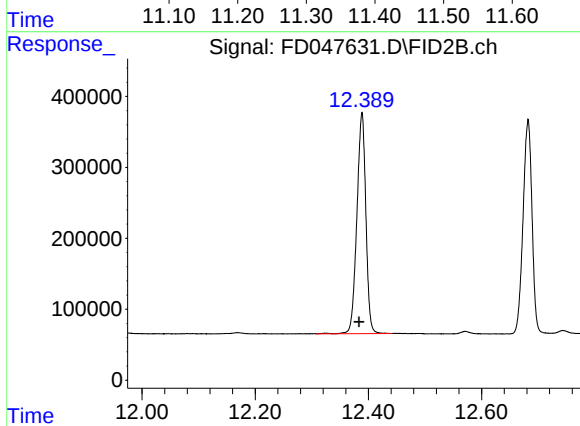
#10 Anthracene (C19.43)

R.T.: 10.656 min  
Delta R.T.: 0.003 min  
Response: 2762579  
Conc: 18.44 ug/ml



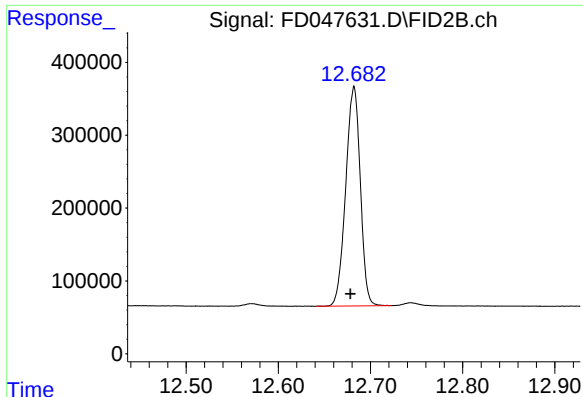
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min  
Delta R.T.: 0.004 min  
Response: 3819983  
Conc: 20.37 ug/ml



#12 Fluoranthene (C21.85)

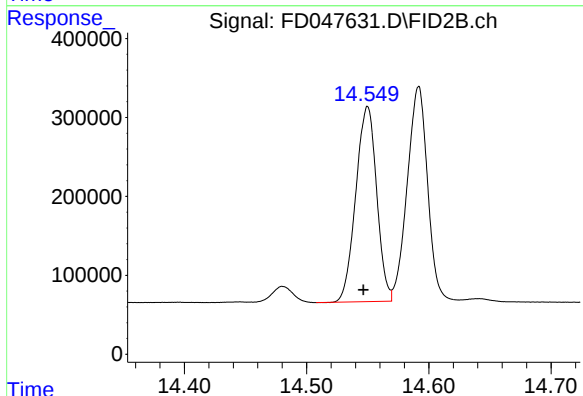
R.T.: 12.388 min  
Delta R.T.: 0.005 min  
Response: 3423248  
Conc: 20.63 ug/ml



#13 Pyrene (C20.8)

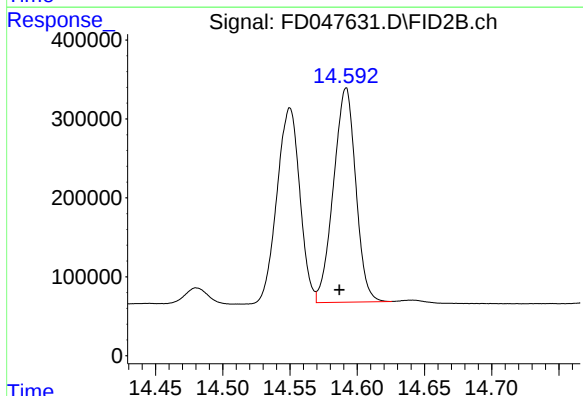
R.T.: 12.682 min  
Delta R.T.: 0.004 min  
Response: 3308286  
Conc: 20.33 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



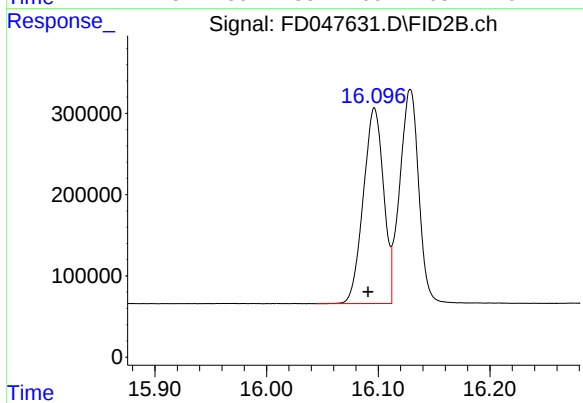
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.550 min  
Delta R.T.: 0.003 min  
Response: 2936282  
Conc: 20.12 ug/ml



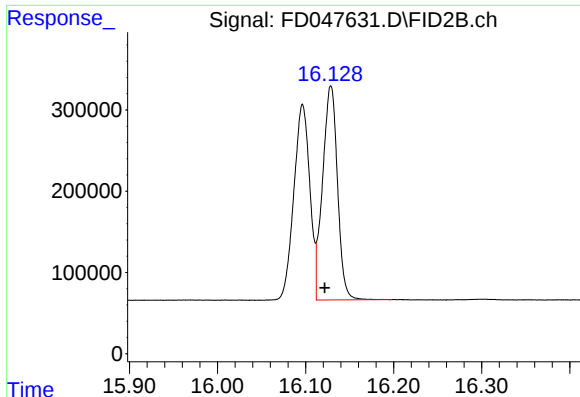
#15 Chrysene (C27.41)

R.T.: 14.591 min  
Delta R.T.: 0.005 min  
Response: 3130570  
Conc: 19.87 ug/ml



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

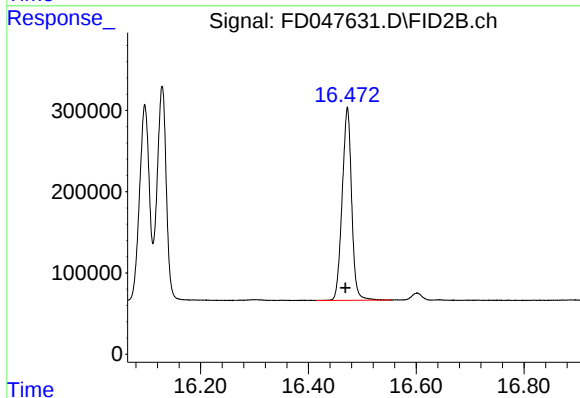
R.T.: 16.097 min  
Delta R.T.: 0.006 min  
Response: 3028833  
Conc: 20.28 ug/ml



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

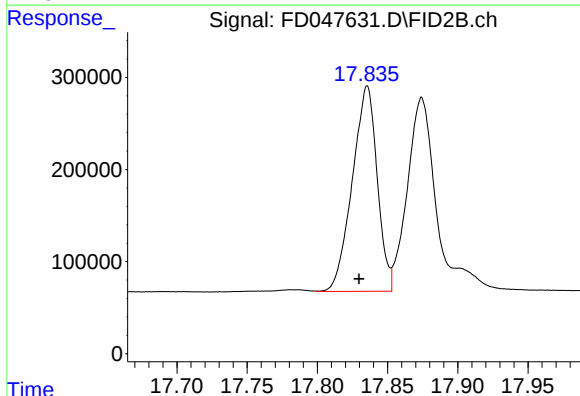
R.T.: 16.129 min  
Delta R.T.: 0.007 min  
Response: 3106417  
Conc: 20.63 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



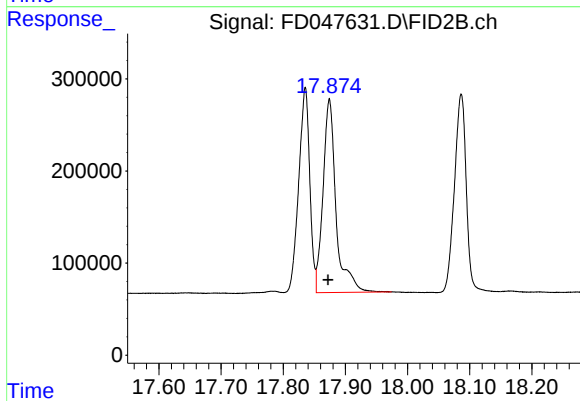
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min  
Delta R.T.: 0.003 min  
Response: 2881930  
Conc: 19.97 ug/ml



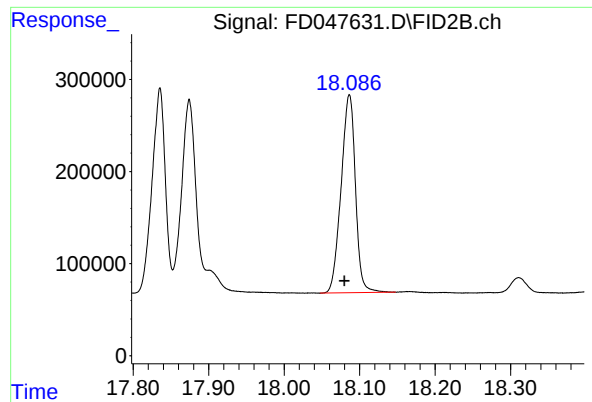
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.835 min  
Delta R.T.: 0.005 min  
Response: 2748141  
Conc: 20.25 ug/ml



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

R.T.: 17.874 min  
Delta R.T.: 0.002 min  
Response: 3061176  
Conc: 21.38 ug/ml



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

R.T.: 18.086 min  
Delta R.T.: 0.006 min  
Response: 2838191  
Conc: 20.67 ug/ml

Instrument :

FID\_D

ClientSampleId :