

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120924AR\  
 Data File : FD048859.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Dec 2024 00:34  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Integration File: autoint1.e  
 Quant Time: Dec 10 06:19:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 111424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 14 14:16:25 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...      | 7.359  | 3653591    | 20.752 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.50%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.210  | 2247280    | 19.513 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.03%       |
| 11) S ortho-Terphenyl (SURR)       | 11.245 | 3719316    | 19.338 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.68%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.181  | 3799262    | 20.159 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.699  | 3917485    | 20.031 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.746  | 3814837    | 19.962 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.012  | 3904035    | 20.132 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.305  | 3829059    | 19.907 ug/ml |
| 8) T Fluorene (C16.55)             | 9.085  | 3762795    | 19.613 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.473 | 3578957    | 19.525 ug/ml |
| 10) T Anthracene (C19.43)          | 10.548 | 3398460    | 18.147 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.277 | 3411446    | 18.629 ug/ml |
| 13) T Pyrene (C20.8)               | 12.569 | 3284076    | 18.165 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.439 | 2827812    | 17.190 ug/ml |
| 15) T Chrysene (C27.41)            | 14.481 | 3114637    | 17.797 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.987 | 2806913    | 17.865 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.018 | 2963975    | 18.162 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.364 | 2865932    | 19.222 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.729 | 2205206    | 17.852 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.769 | 3050935    | 19.456 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.978 | 2621155    | 18.370 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

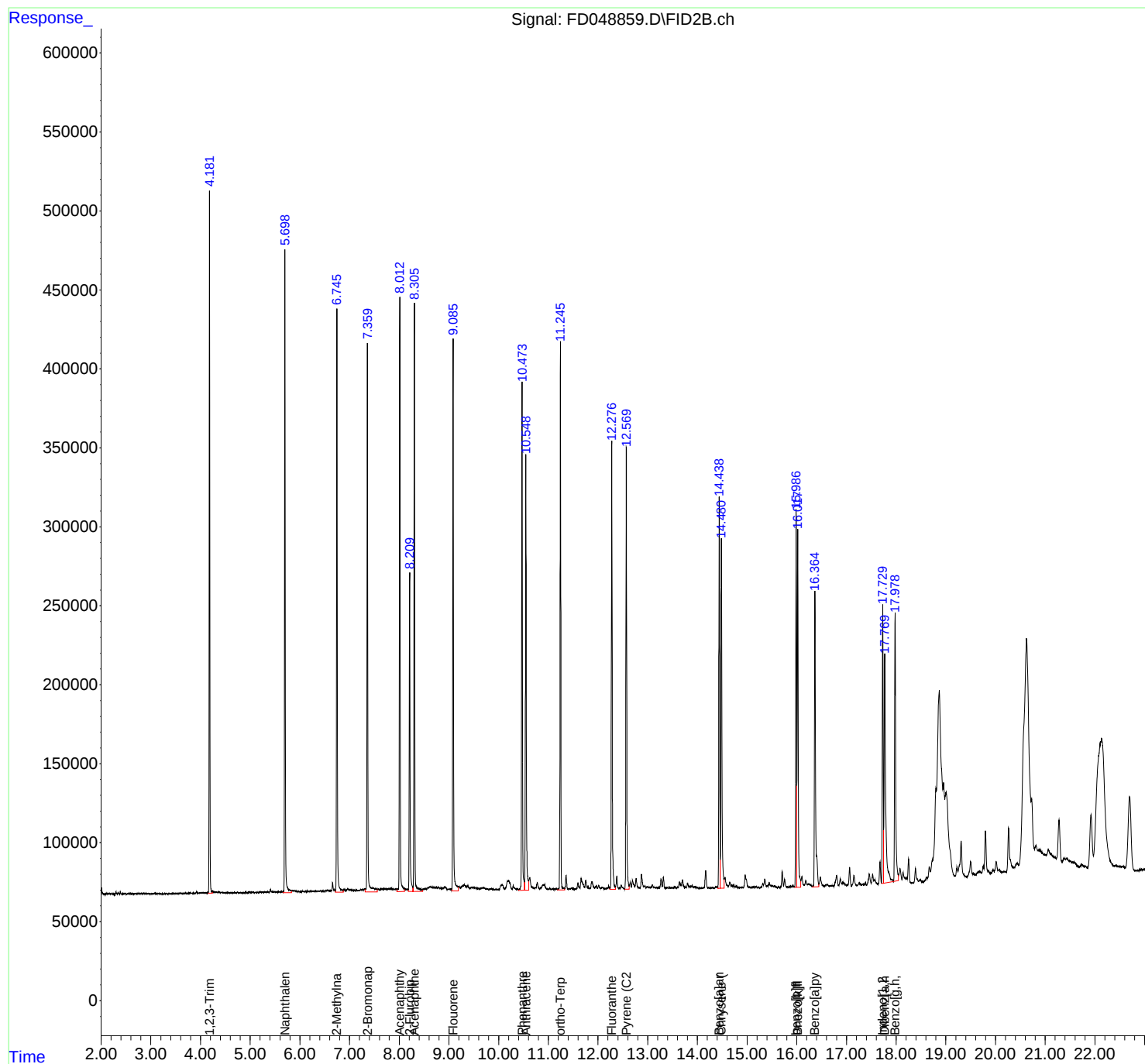
(m)=manual int.

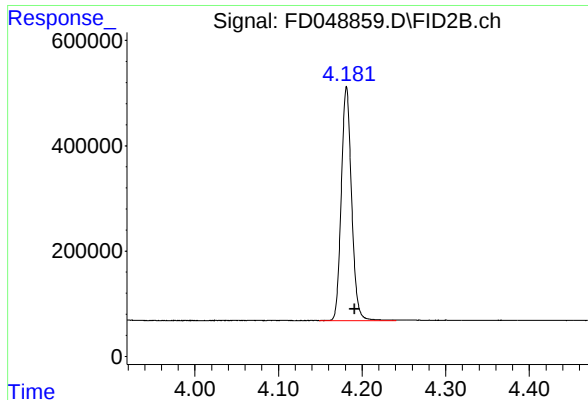
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD120924AR\  
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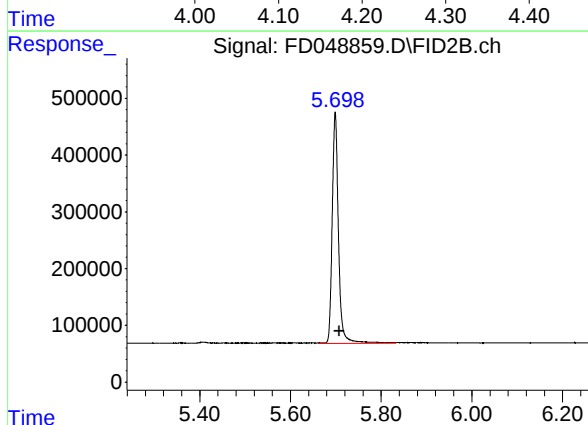




#1 1,2,3-Trimethylbenzene (C10.1)

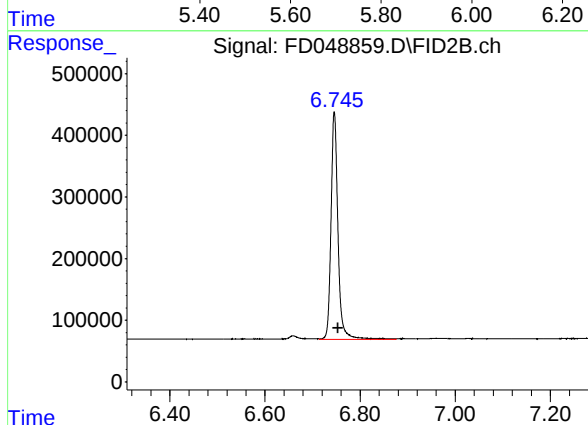
R.T.: 4.181 min  
Delta R.T.: -0.010 min  
Response: 3799262  
Conc: 20.16 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



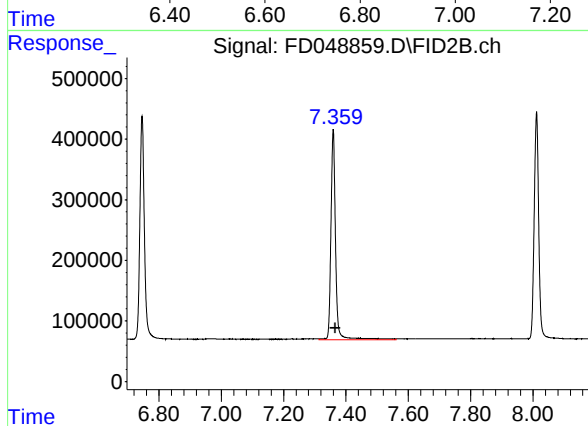
#2 Naphthalene (C11.7)

R.T.: 5.699 min  
Delta R.T.: -0.009 min  
Response: 3917485  
Conc: 20.03 ug/ml



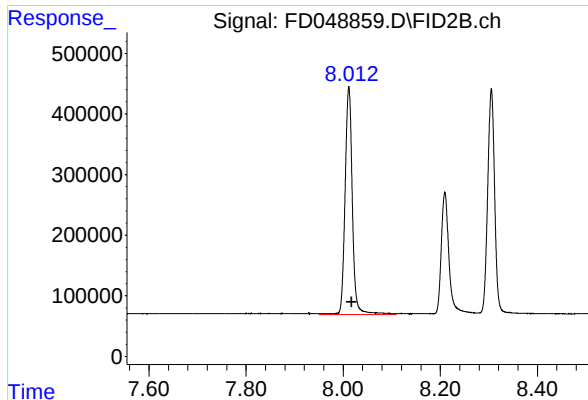
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min  
Delta R.T.: -0.008 min  
Response: 3814837  
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

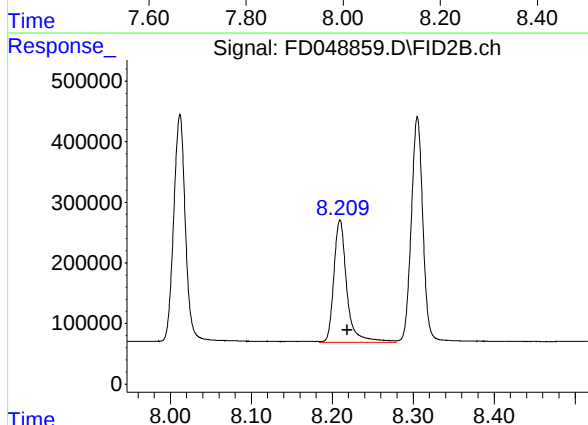
R.T.: 7.359 min  
Delta R.T.: -0.007 min  
Response: 3653591  
Conc: 20.75 ug/ml



#5 Acenaphthylene (C15.06)

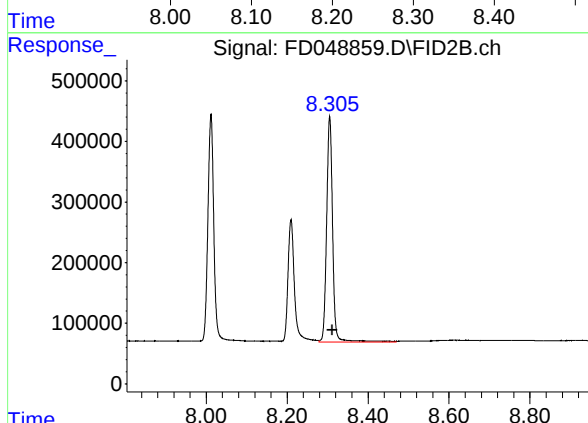
R.T.: 8.012 min  
Delta R.T.: -0.006 min  
Response: 3904035  
Conc: 20.13 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



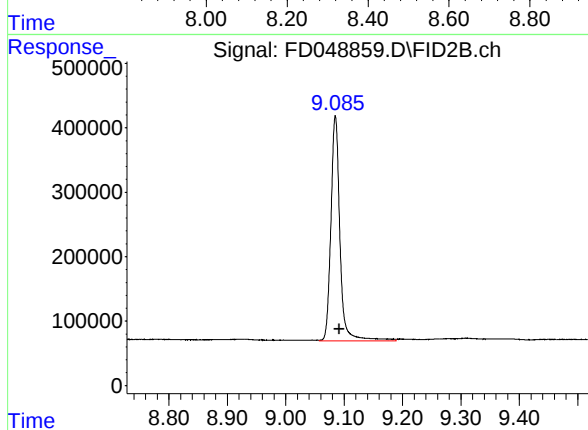
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min  
Delta R.T.: -0.009 min  
Response: 2247280  
Conc: 19.51 ug/ml



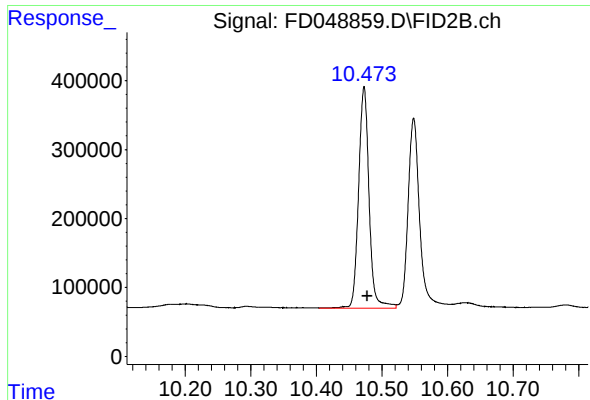
#7 Acenaphthene (C15.5)

R.T.: 8.305 min  
Delta R.T.: -0.006 min  
Response: 3829059  
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

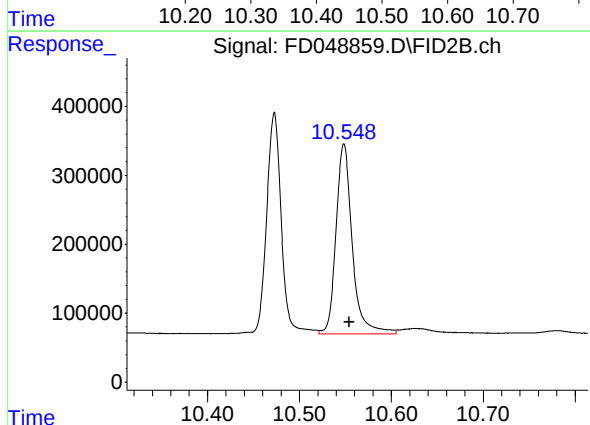
R.T.: 9.085 min  
Delta R.T.: -0.006 min  
Response: 3762795  
Conc: 19.61 ug/ml



#9 Phenanthrene (C19.36)

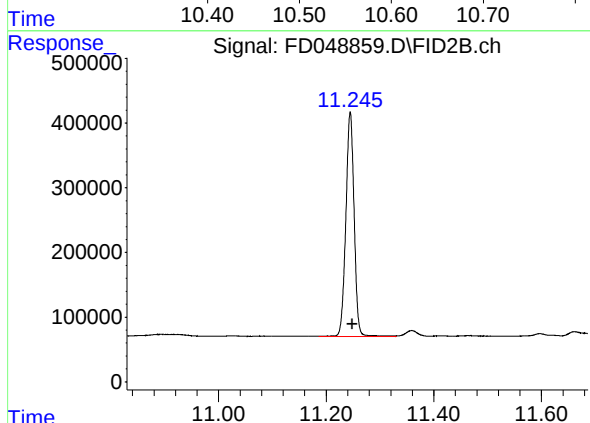
R.T.: 10.473 min  
Delta R.T.: -0.005 min  
Response: 3578957  
Conc: 19.52 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



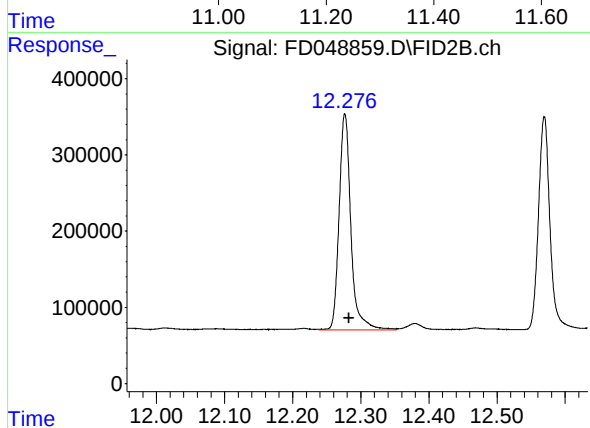
#10 Anthracene (C19.43)

R.T.: 10.548 min  
Delta R.T.: -0.006 min  
Response: 3398460  
Conc: 18.15 ug/ml



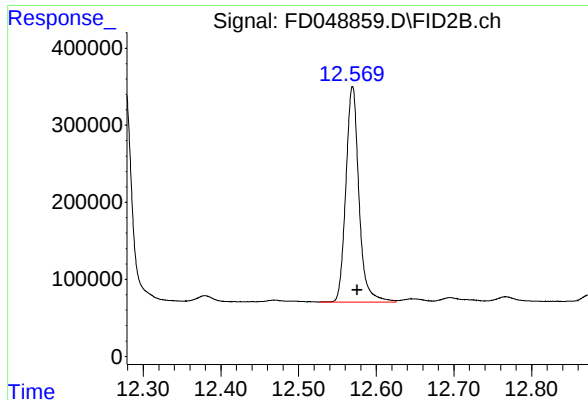
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min  
Delta R.T.: -0.004 min  
Response: 3719316  
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

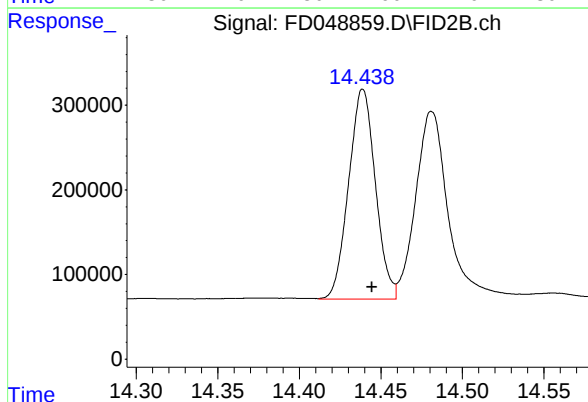
R.T.: 12.277 min  
Delta R.T.: -0.006 min  
Response: 3411446  
Conc: 18.63 ug/ml



#13 Pyrene (C20.8)

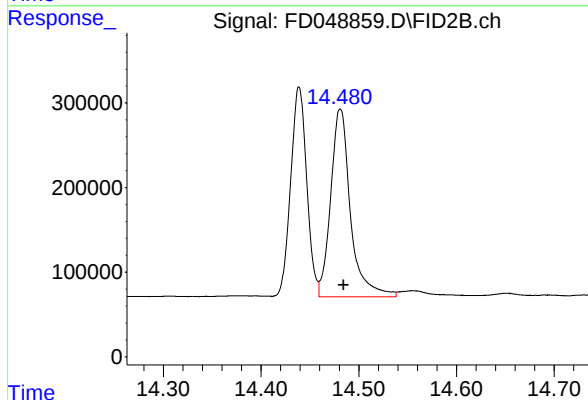
R.T.: 12.569 min  
Delta R.T.: -0.006 min  
Response: 3284076  
Conc: 18.16 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM AROMATIC HC STD



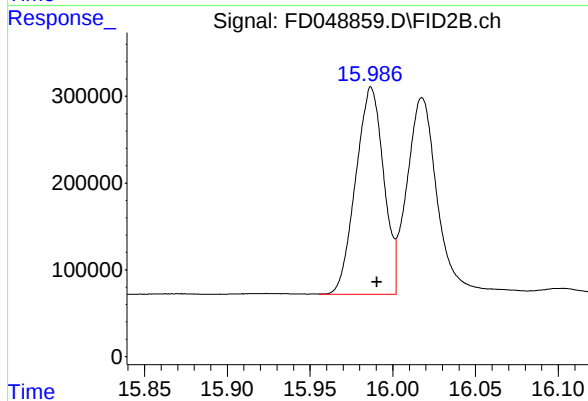
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min  
Delta R.T.: -0.006 min  
Response: 2827812  
Conc: 17.19 ug/ml



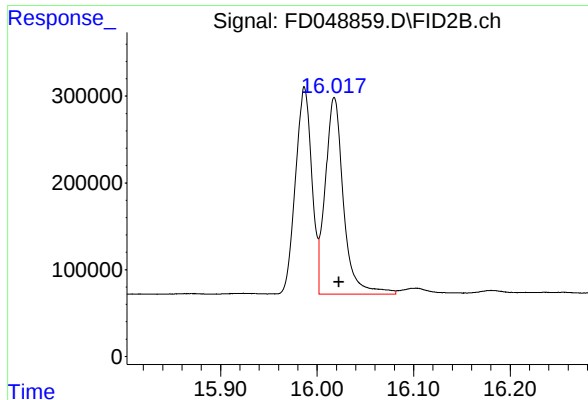
#15 Chrysene (C27.41)

R.T.: 14.481 min  
Delta R.T.: -0.003 min  
Response: 3114637  
Conc: 17.80 ug/ml



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

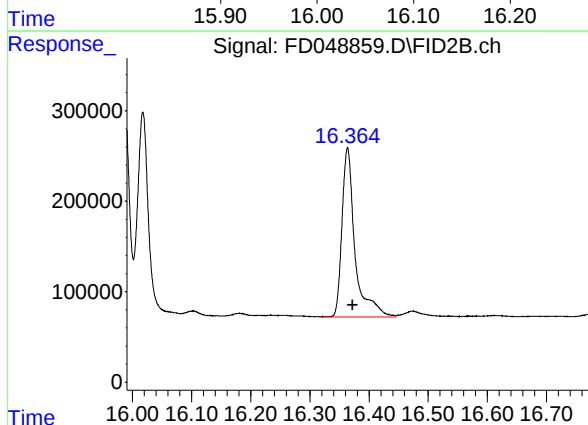
R.T.: 15.987 min  
Delta R.T.: -0.004 min  
Response: 2806913  
Conc: 17.86 ug/ml



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

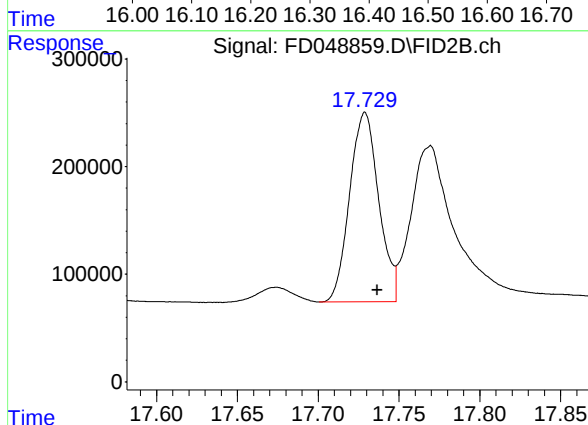
R.T.: 16.018 min  
Delta R.T.: -0.005 min  
Response: 2963975  
Conc: 18.16 ug/ml

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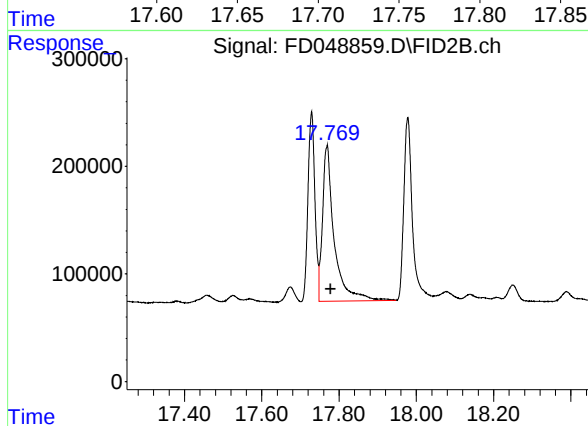
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min  
Delta R.T.: -0.009 min  
Response: 2865932  
Conc: 19.22 ug/ml



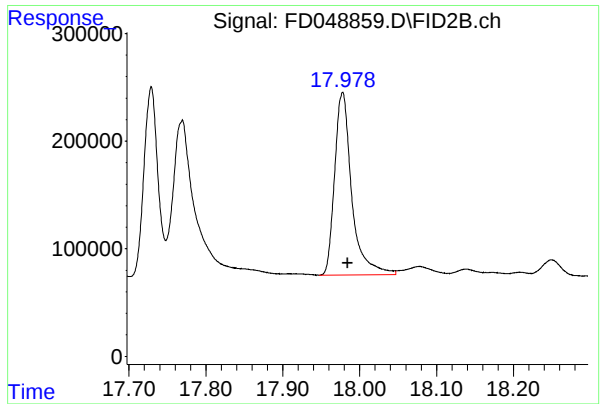
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min  
Delta R.T.: -0.008 min  
Response: 2205206  
Conc: 17.85 ug/ml



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

R.T.: 17.769 min  
Delta R.T.: -0.010 min  
Response: 3050935  
Conc: 19.46 ug/ml



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

R.T.: 17.978 min  
Delta R.T.: -0.007 min  
Response: 2621155  
Conc: 18.37 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD