

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012925AR\  
 Data File : FF015352.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Jan 2025 09:16  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 30 02:43:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 15 07:05:42 2025  
 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...      | 7.989  | 3062013    | 23.197 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.39%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.862  | 1981286    | 23.473 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 46.95%       |
| 11) S ortho-Terphenyl (SURR)       | 11.926 | 3462978    | 20.117 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.23%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.600  | 3507963    | 21.870 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.268  | 3552959    | 22.160 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.363  | 3440509    | 21.636 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.663  | 3376474    | 21.249 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.962  | 3396838    | 20.832 ug/ml |
| 8) T Fluorene (C16.55)             | 9.751  | 3357433    | 21.323 ug/ml |
| 9) T Phenanthrene (C19.36)         | 11.157 | 3165116    | 19.824 ug/ml |
| 10) T Anthracene (C19.43)          | 11.231 | 2699249    | 18.282 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.978 | 3216046    | 19.440 ug/ml |
| 13) T Pyrene (C20.8)               | 13.276 | 3178271    | 19.622 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 15.157 | 2799923    | 18.769 ug/ml |
| 15) T Chrysene (C27.41)            | 15.199 | 2961102    | 19.063 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.716 | 2890160    | 19.530 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.749 | 2921592    | 20.663 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 17.097 | 2750683    | 19.360 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.469 | 2645192    | 20.992 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.509 | 3122367    | 21.104 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.726 | 2977881    | 22.060 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

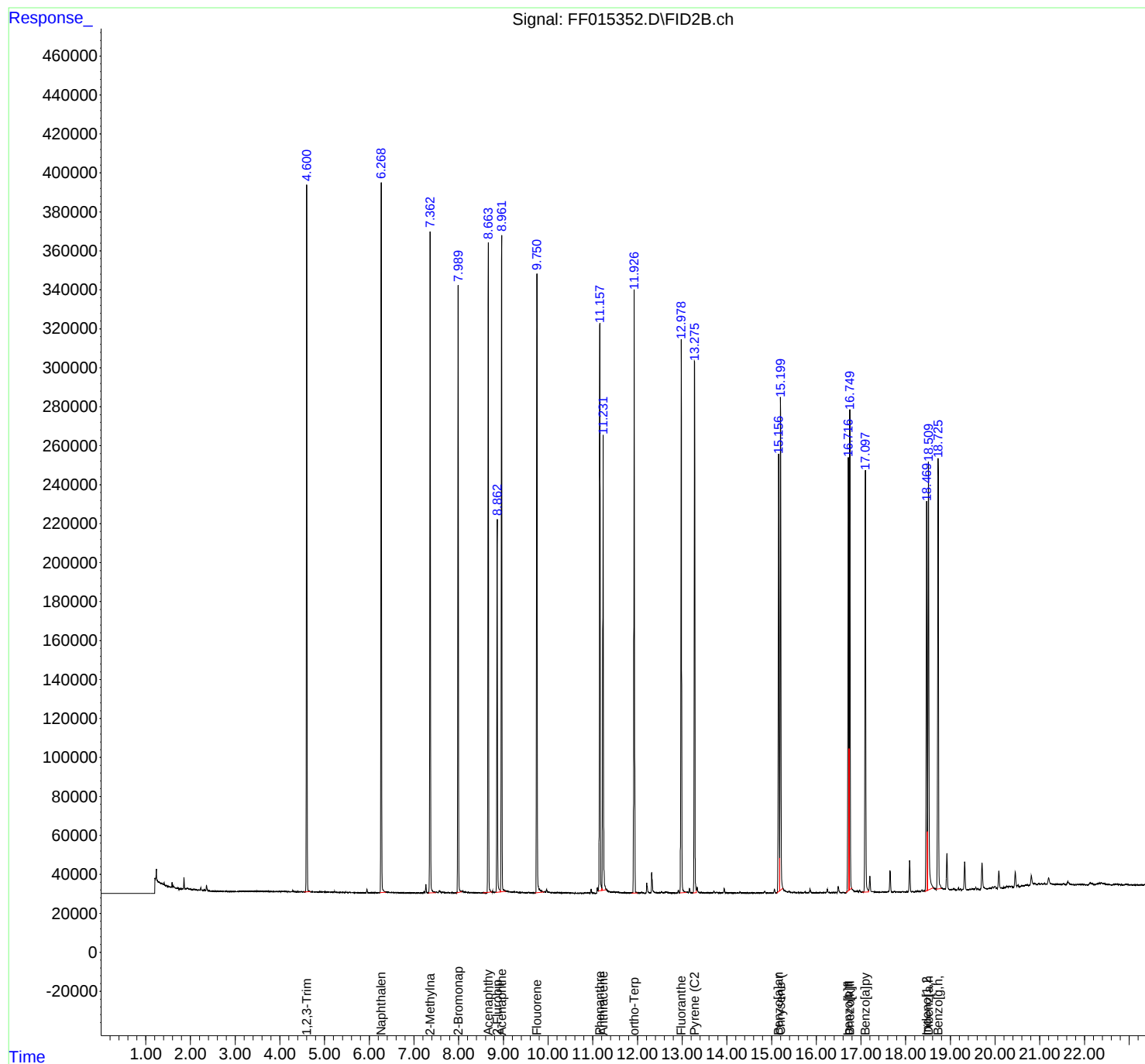
(m)=manual int.

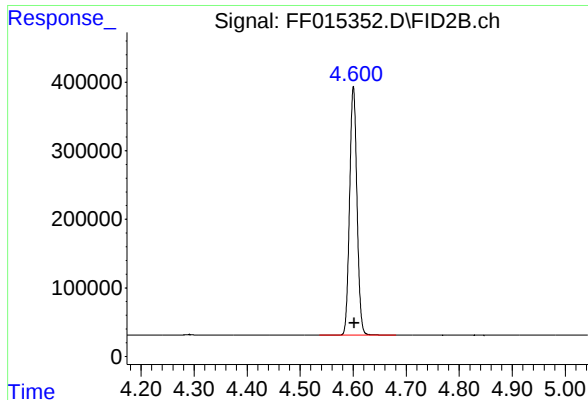
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF012925AR\  
Data File : FF015352.D  
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Volume Inj. : 1 µl  
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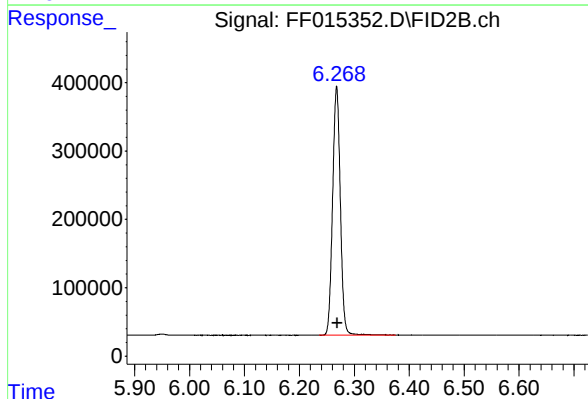




#1 1,2,3-Trimethylbenzene (C10.1)

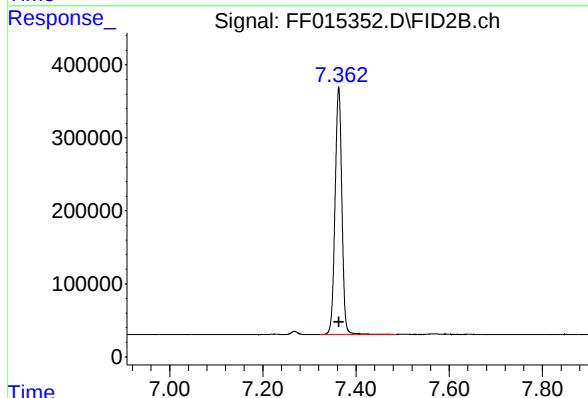
R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 3507963  
Conc: 21.87 ug/ml

Instrument :  
FID\_F  
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20 PPM AROMATIC HC STD



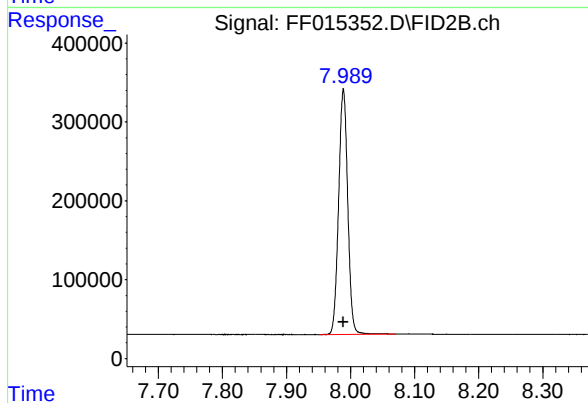
#2 Naphthalene (C11.7)

R.T.: 6.268 min  
Delta R.T.: 0.000 min  
Response: 3552959  
Conc: 22.16 ug/ml



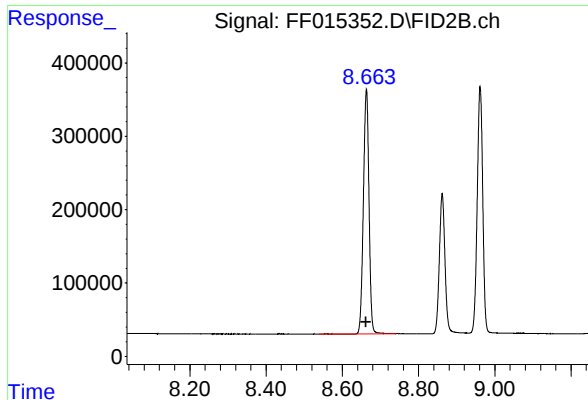
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.363 min  
Delta R.T.: 0.000 min  
Response: 3440509  
Conc: 21.64 ug/ml



#4 2-Bromonaphthalene (SURR)

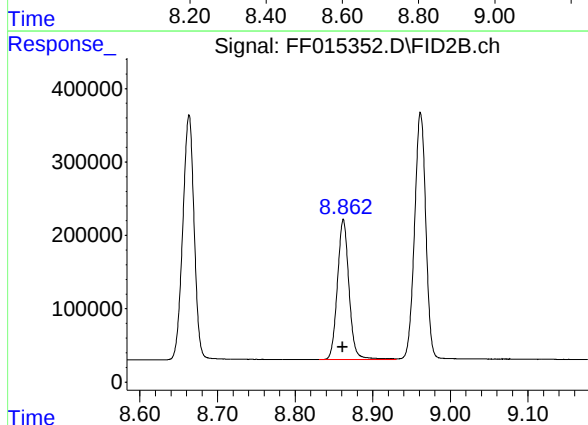
R.T.: 7.989 min  
Delta R.T.: 0.000 min  
Response: 3062013  
Conc: 23.20 ug/ml



#5 Acenaphthylene (C15.06)

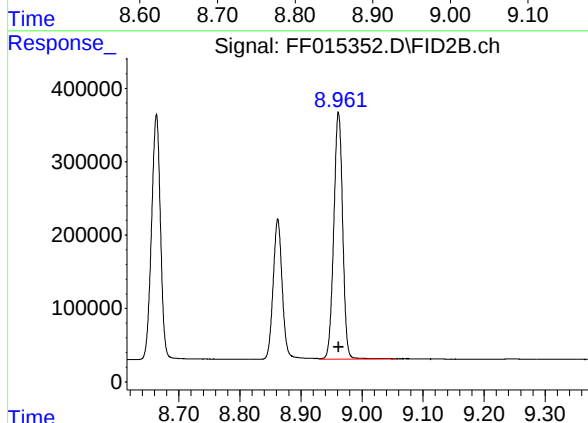
R.T.: 8.663 min  
Delta R.T.: 0.000 min  
Response: 3376474  
Conc: 21.25 ug/ml

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



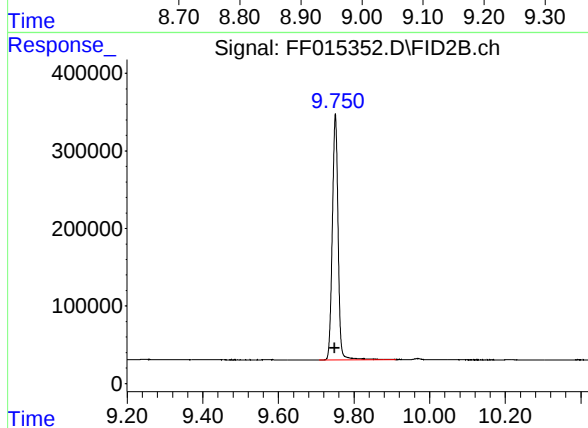
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min  
Delta R.T.: 0.000 min  
Response: 1981286  
Conc: 23.47 ug/ml



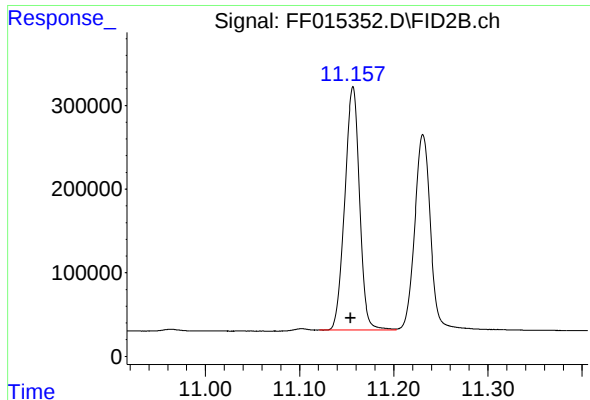
#7 Acenaphthene (C15.5)

R.T.: 8.962 min  
Delta R.T.: 0.000 min  
Response: 3396838  
Conc: 20.83 ug/ml



#8 Flouorene (C16.55)

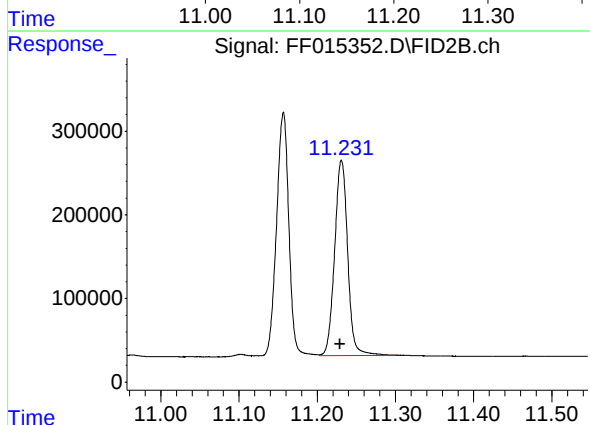
R.T.: 9.751 min  
Delta R.T.: 0.001 min  
Response: 3357433  
Conc: 21.32 ug/ml



#9 Phenanthrene (C19.36)

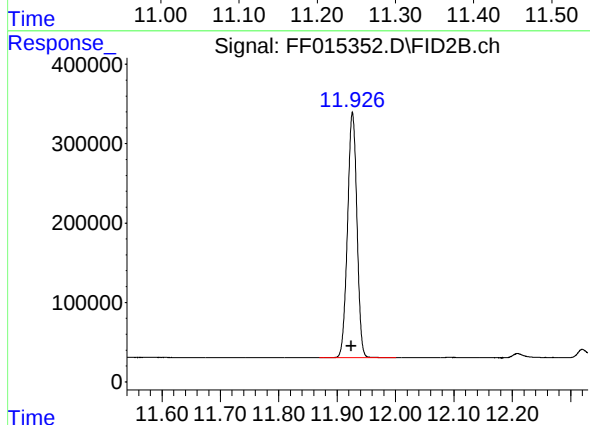
R.T.: 11.157 min  
Delta R.T.: 0.002 min  
Response: 3165116  
Conc: 19.82 ug/ml

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



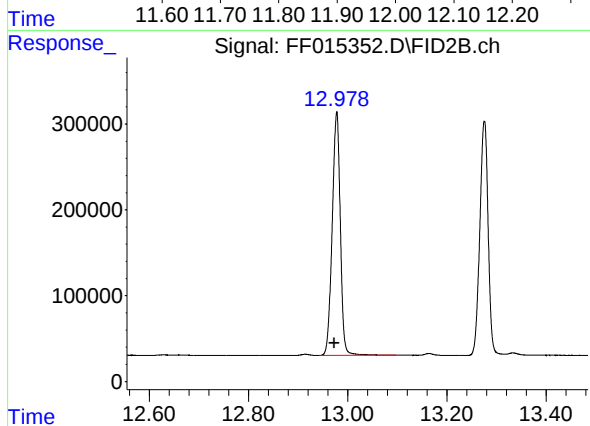
#10 Anthracene (C19.43)

R.T.: 11.231 min  
Delta R.T.: 0.002 min  
Response: 2699249  
Conc: 18.28 ug/ml



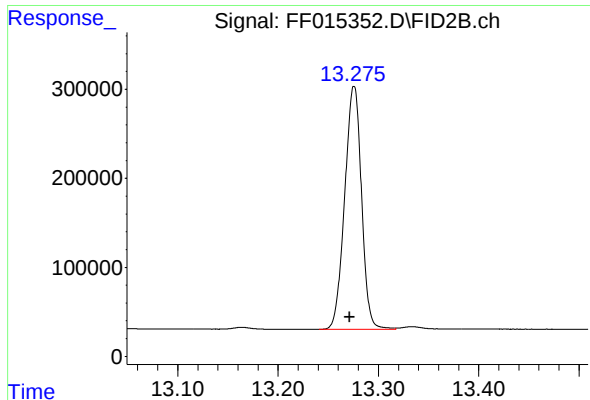
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min  
Delta R.T.: 0.002 min  
Response: 3462978  
Conc: 20.12 ug/ml



#12 Fluoranthene (C21.85)

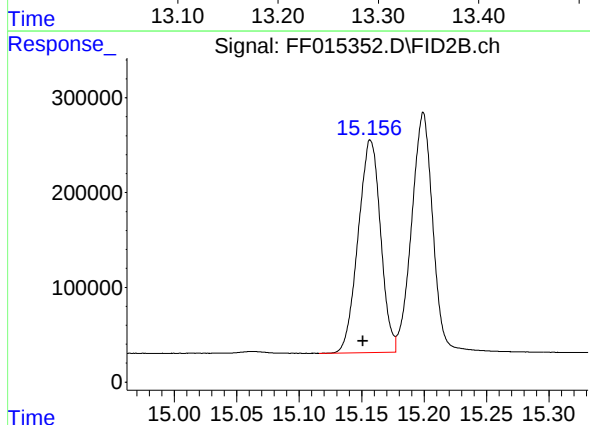
R.T.: 12.978 min  
Delta R.T.: 0.004 min  
Response: 3216046  
Conc: 19.44 ug/ml



#13 Pyrene (C20.8)

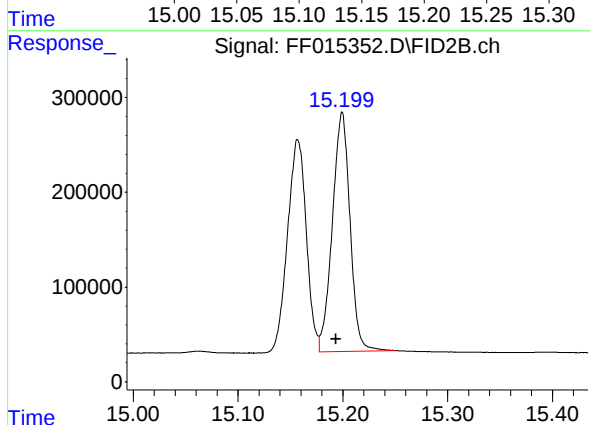
R.T.: 13.276 min  
Delta R.T.: 0.004 min  
Response: 3178271  
Conc: 19.62 ug/ml

Instrument :  
FID\_F  
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20 PPM AROMATIC HC STD



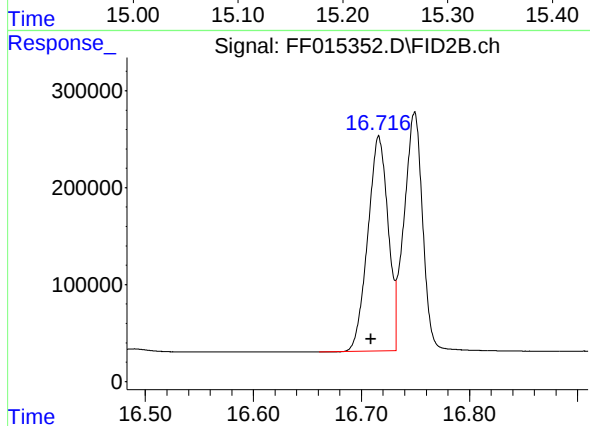
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.157 min  
Delta R.T.: 0.006 min  
Response: 2799923  
Conc: 18.77 ug/ml



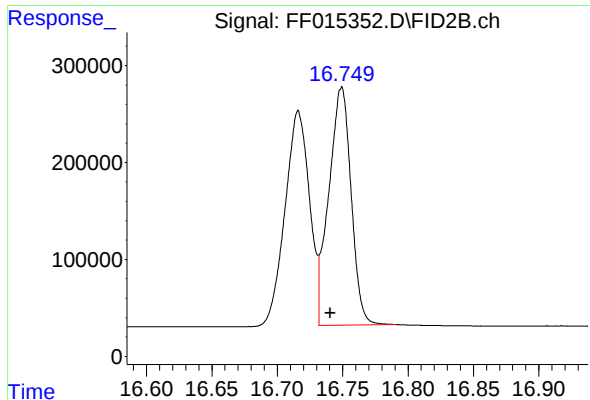
#15 Chrysene (C27.41)

R.T.: 15.199 min  
Delta R.T.: 0.006 min  
Response: 2961102  
Conc: 19.06 ug/ml



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

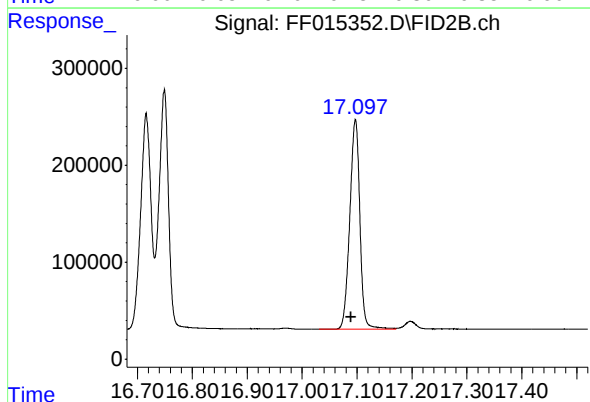
R.T.: 16.716 min  
Delta R.T.: 0.007 min  
Response: 2890160  
Conc: 19.53 ug/ml



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

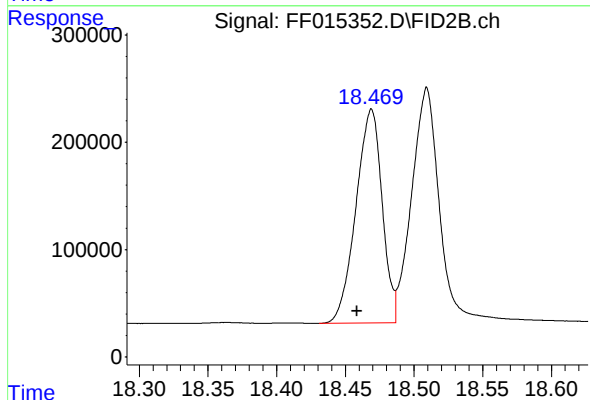
R.T.: 16.749 min  
Delta R.T.: 0.009 min  
Response: 2921592  
Conc: 20.66 ug/ml

Instrument :  
FID\_F  
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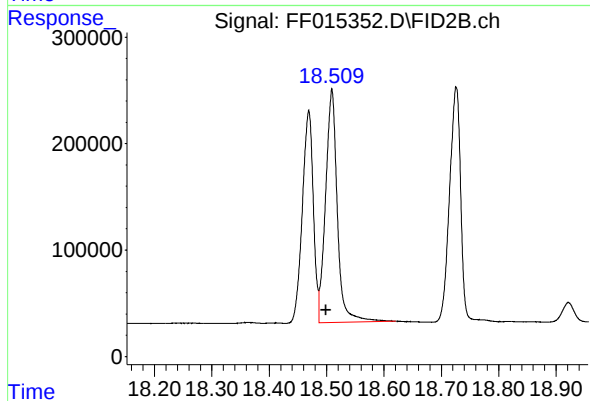
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min  
Delta R.T.: 0.008 min  
Response: 2750683  
Conc: 19.36 ug/ml



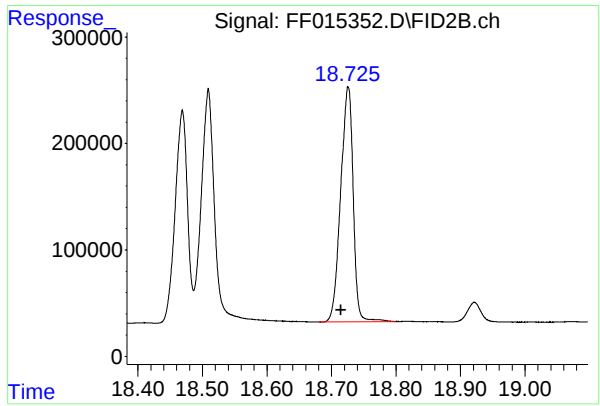
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min  
Delta R.T.: 0.010 min  
Response: 2645192  
Conc: 20.99 ug/ml



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

R.T.: 18.509 min  
Delta R.T.: 0.010 min  
Response: 3122367  
Conc: 21.10 ug/ml



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

R.T.: 18.726 min  
Delta R.T.: 0.011 min  
Response: 2977881  
Conc: 22.06 ug/ml

Instrument :

FID\_F

ClientSampleId :

20 PPM AROMATIC HC STD