

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051425AR\  
 Data File : FD049343.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 May 2025 16:05  
 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: May 15 02:52:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 050125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 01 13:29:48 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...      | 7.738  | 2658982    | 22.425 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.85%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.604  | 1793403    | 22.709 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 45.42%       |
| 11) S ortho-Terphenyl (SURR)       | 11.649 | 3241507    | 23.486 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 46.97%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.530  | 2588097    | 20.728 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.074  | 2808314    | 21.242 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.128  | 2846592    | 22.066 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.408  | 3093738    | 21.916 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.703  | 3053138    | 22.284 ug/ml |
| 8) T Fluorene (C16.55)             | 9.485  | 3104979    | 22.811 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.882 | 2990038    | 22.178 ug/ml |
| 10) T Anthracene (C19.43)          | 10.956 | 2463403    | 20.829 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.696 | 2925618    | 21.709 ug/ml |
| 13) T Pyrene (C20.8)               | 12.994 | 2891274    | 21.373 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.866 | 2410598    | 21.045 ug/ml |
| 15) T Chrysene (C27.41)            | 14.907 | 2464895    | 21.119 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.415 | 2391616    | 19.703 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.447 | 2335350    | 19.581 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.794 | 2159274    | 18.779 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.159 | 2022483    | 18.429 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.199 | 2267204    | 21.467 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.414 | 2174111    | 18.244 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

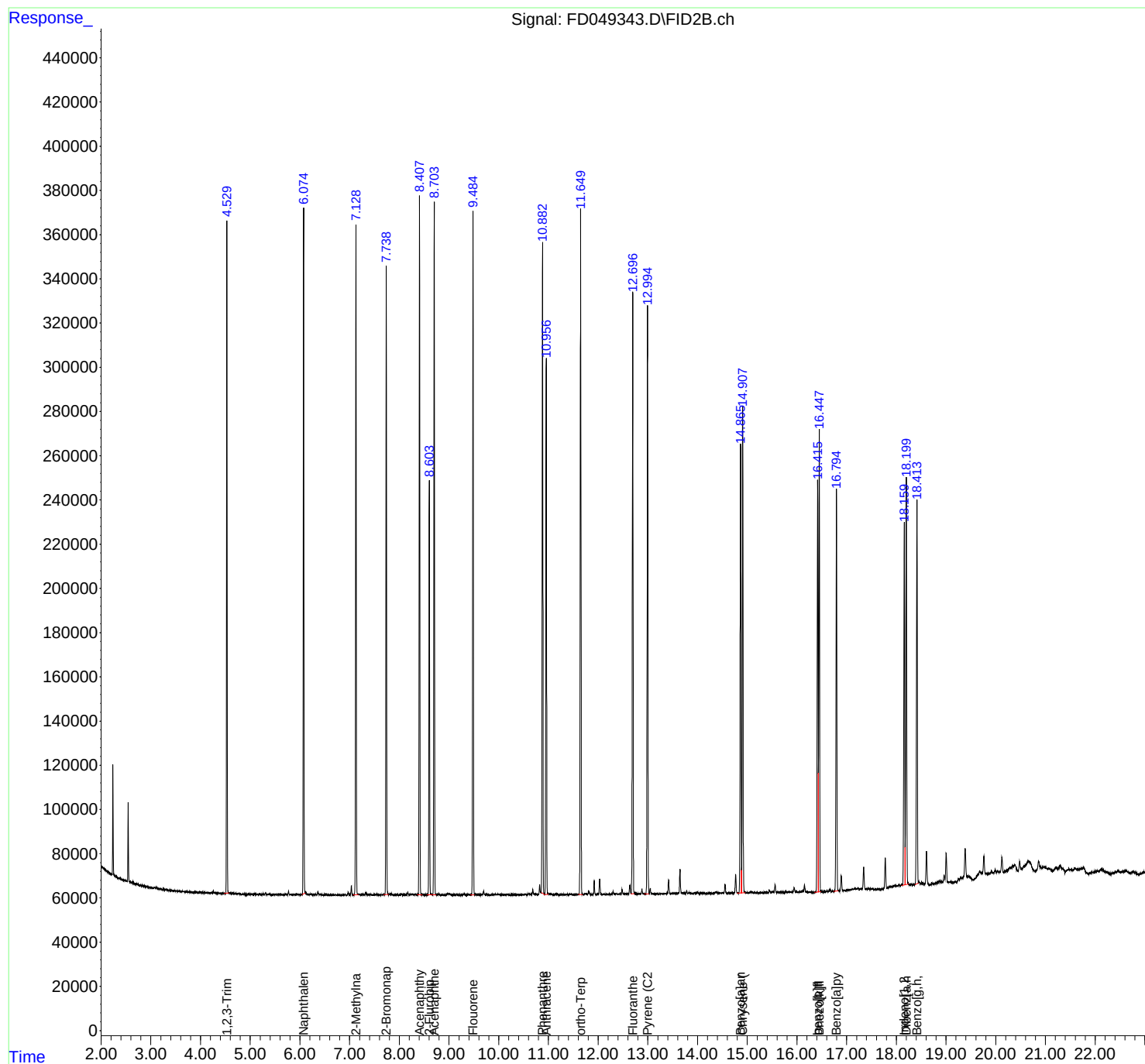
(m)=manual int.

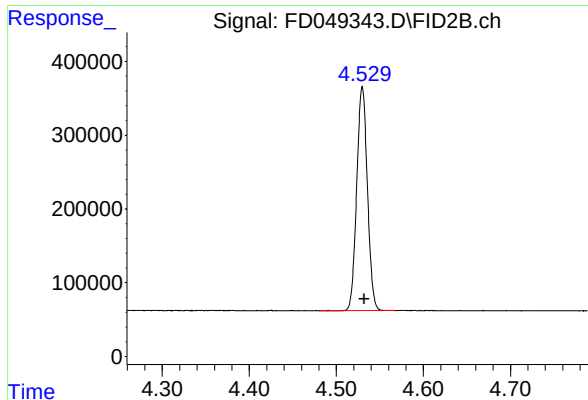
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Volume Inj. : 1 µl  
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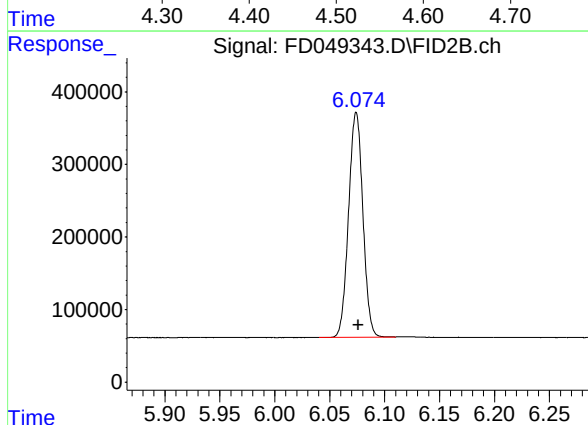




#1 1,2,3-Trimethylbenzene (C10.1)

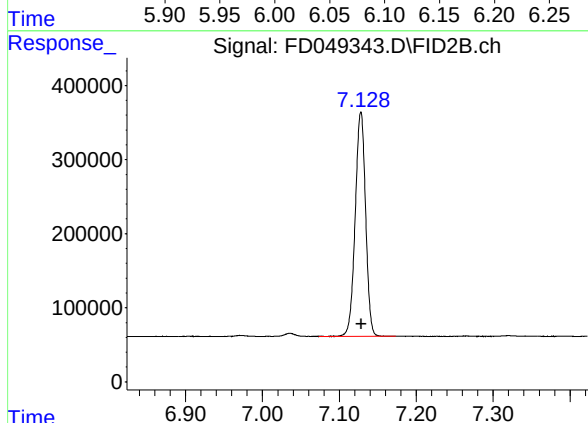
R.T.: 4.530 min  
Delta R.T.: -0.002 min  
Response: 2588097  
Conc: 20.73 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



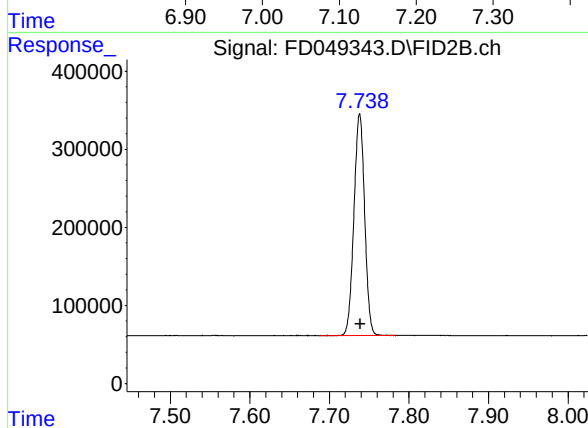
#2 Naphthalene (C11.7)

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 2808314  
Conc: 21.24 ug/ml



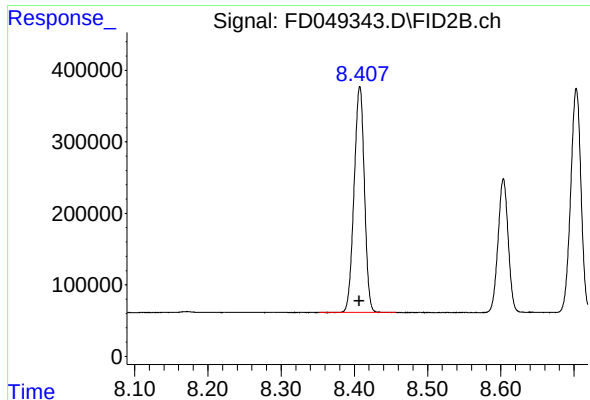
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.128 min  
Delta R.T.: 0.000 min  
Response: 2846592  
Conc: 22.07 ug/ml



#4 2-Bromonaphthalene (SURR)

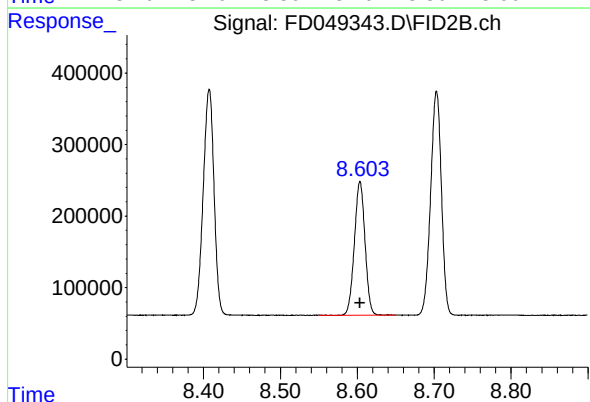
R.T.: 7.738 min  
Delta R.T.: 0.000 min  
Response: 2658982  
Conc: 22.43 ug/ml



#5 Acenaphthylene (C15.06)

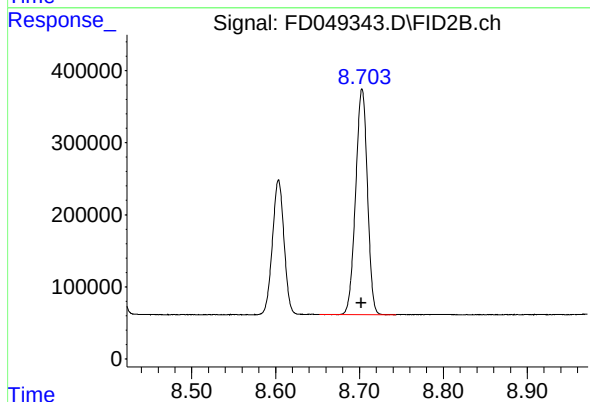
R.T.: 8.408 min  
Delta R.T.: 0.000 min  
Response: 3093738  
Conc: 21.92 ug/ml

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



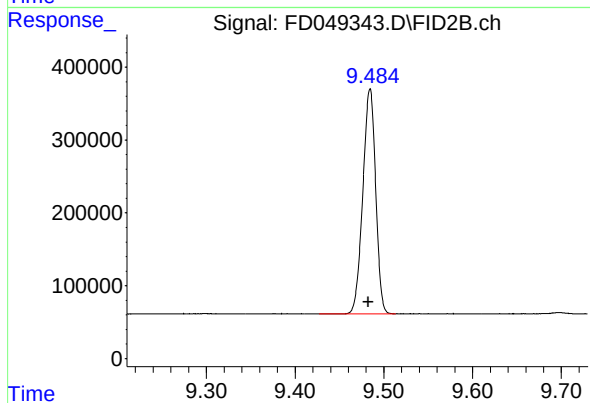
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.604 min  
Delta R.T.: 0.000 min  
Response: 1793403  
Conc: 22.71 ug/ml



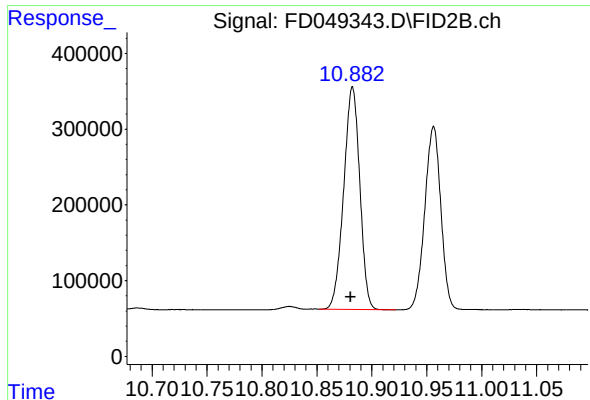
#7 Acenaphthene (C15.5)

R.T.: 8.703 min  
Delta R.T.: 0.000 min  
Response: 3053138  
Conc: 22.28 ug/ml



#8 Flouorene (C16.55)

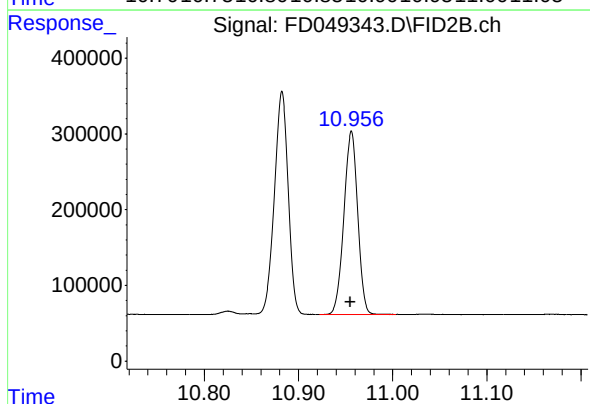
R.T.: 9.485 min  
Delta R.T.: 0.002 min  
Response: 3104979  
Conc: 22.81 ug/ml



#9 Phenanthrene (C19.36)

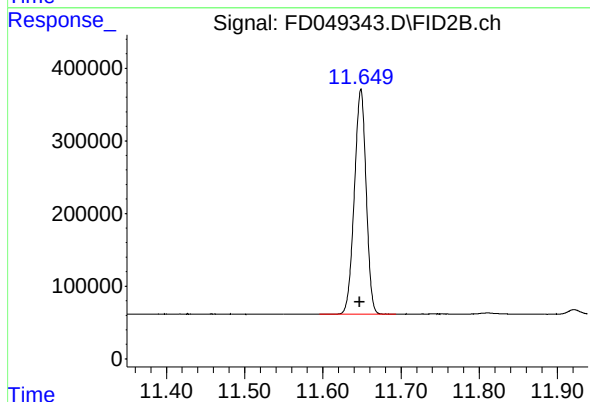
R.T.: 10.882 min  
Delta R.T.: 0.002 min  
Response: 2990038  
Conc: 22.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
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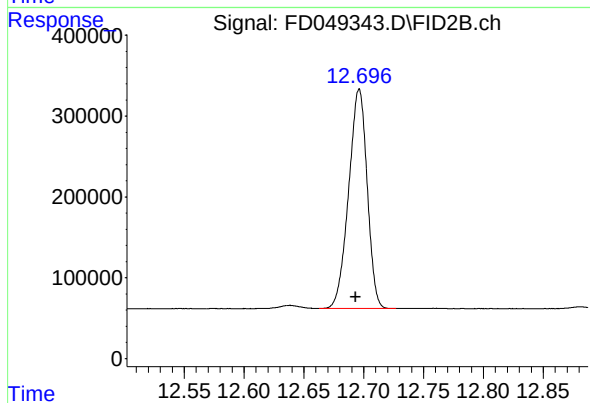
#10 Anthracene (C19.43)

R.T.: 10.956 min  
Delta R.T.: 0.001 min  
Response: 2463403  
Conc: 20.83 ug/ml



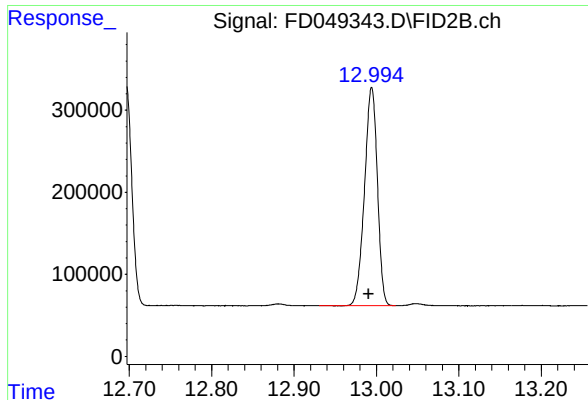
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min  
Delta R.T.: 0.002 min  
Response: 3241507  
Conc: 23.49 ug/ml



#12 Fluoranthene (C21.85)

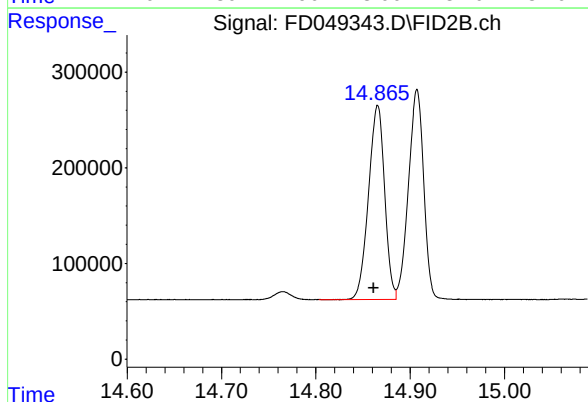
R.T.: 12.696 min  
Delta R.T.: 0.003 min  
Response: 2925618  
Conc: 21.71 ug/ml



#13 Pyrene (C20.8)

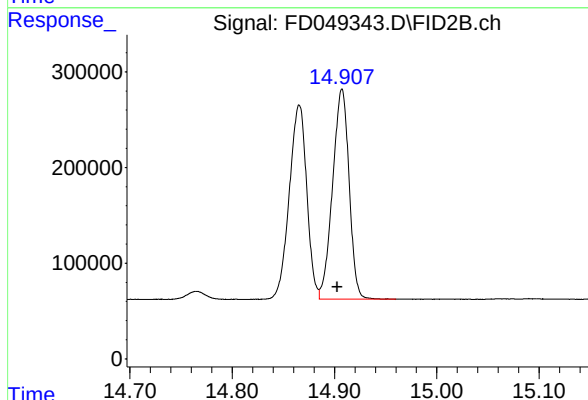
R.T.: 12.994 min  
Delta R.T.: 0.004 min  
Response: 2891274  
Conc: 21.37 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



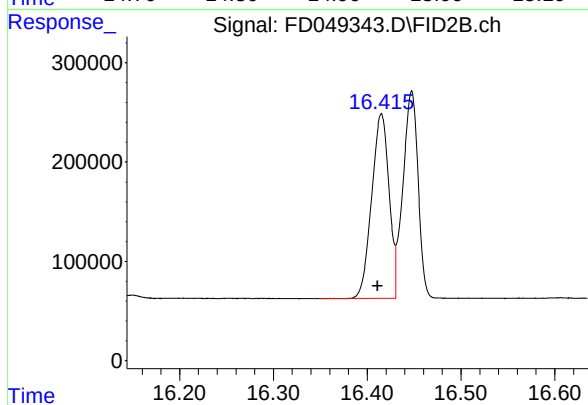
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min  
Delta R.T.: 0.004 min  
Response: 2410598  
Conc: 21.05 ug/ml



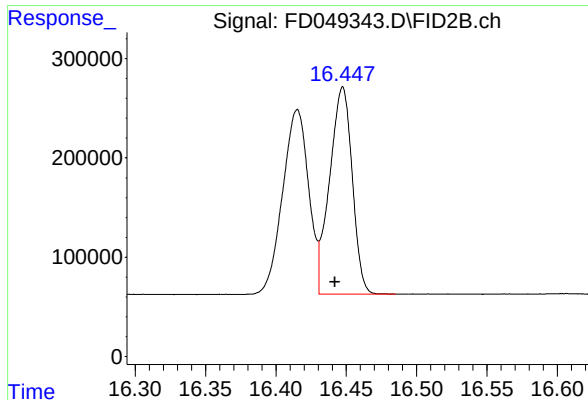
#15 Chrysene (C27.41)

R.T.: 14.907 min  
Delta R.T.: 0.005 min  
Response: 2464895  
Conc: 21.12 ug/ml



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

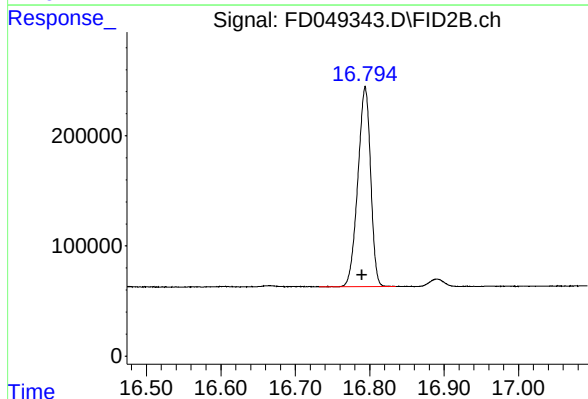
R.T.: 16.415 min  
Delta R.T.: 0.004 min  
Response: 2391616  
Conc: 19.70 ug/ml



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

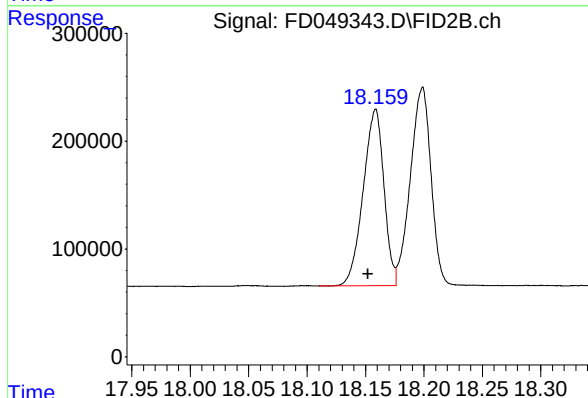
R.T.: 16.447 min  
Delta R.T.: 0.005 min  
Response: 2335350  
Conc: 19.58 ug/ml

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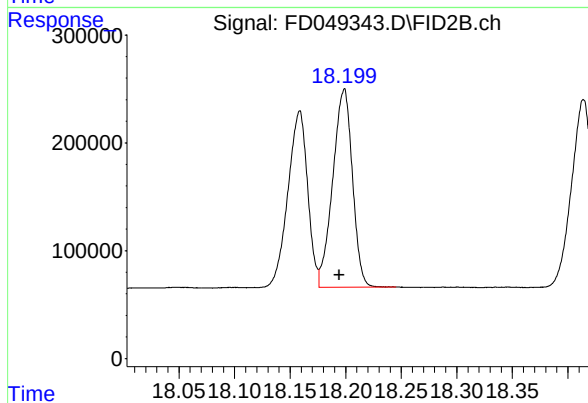
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min  
Delta R.T.: 0.004 min  
Response: 2159274  
Conc: 18.78 ug/ml



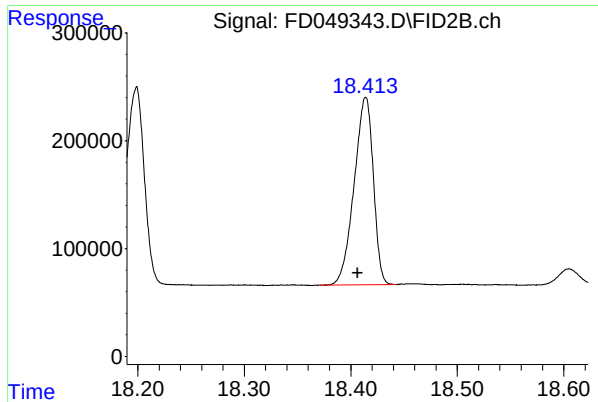
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min  
Delta R.T.: 0.006 min  
Response: 2022483  
Conc: 18.43 ug/ml



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

R.T.: 18.199 min  
Delta R.T.: 0.004 min  
Response: 2267204  
Conc: 21.47 ug/ml



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

R.T.: 18.414 min  
Delta R.T.: 0.008 min  
Response: 2174111  
Conc: 18.24 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD