

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030325AR\  
 Data File : FD049152.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Mar 2025 09:50  
 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: Mar 04 01:36:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 021125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 12 12:54:29 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...      | 7.350  | 3200485    | 22.364 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 44.73%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.202  | 1929084    | 21.943 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.89%       |
| 11) S ortho-Terphenyl (SURR)       | 11.231 | 3666945    | 22.667 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 45.33%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.174  | 3598747    | 22.598 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.692  | 3567587    | 22.468 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.738  | 3540836    | 22.742 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.001  | 3611215    | 22.208 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.294  | 3678553    | 22.361 ug/ml |
| 8) T Fluorene (C16.55)             | 9.075  | 3447664    | 21.869 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.461 | 3362427    | 22.312 ug/ml |
| 10) T Anthracene (C19.43)          | 10.539 | 3055470    | 20.231 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.265 | 3450909    | 22.363 ug/ml |
| 13) T Pyrene (C20.8)               | 12.557 | 3491272    | 22.662 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.427 | 2774723    | 21.118 ug/ml |
| 15) T Chrysene (C27.41)            | 14.468 | 3521433    | 21.779 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 15.974 | 2988899    | 21.723 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.005 | 3432388    | 21.732 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.356 | 2706354    | 19.938 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.724 | 1770166    | 16.199 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.769 | 2570954    | 16.572 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.967 | 2865760    | 19.771 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

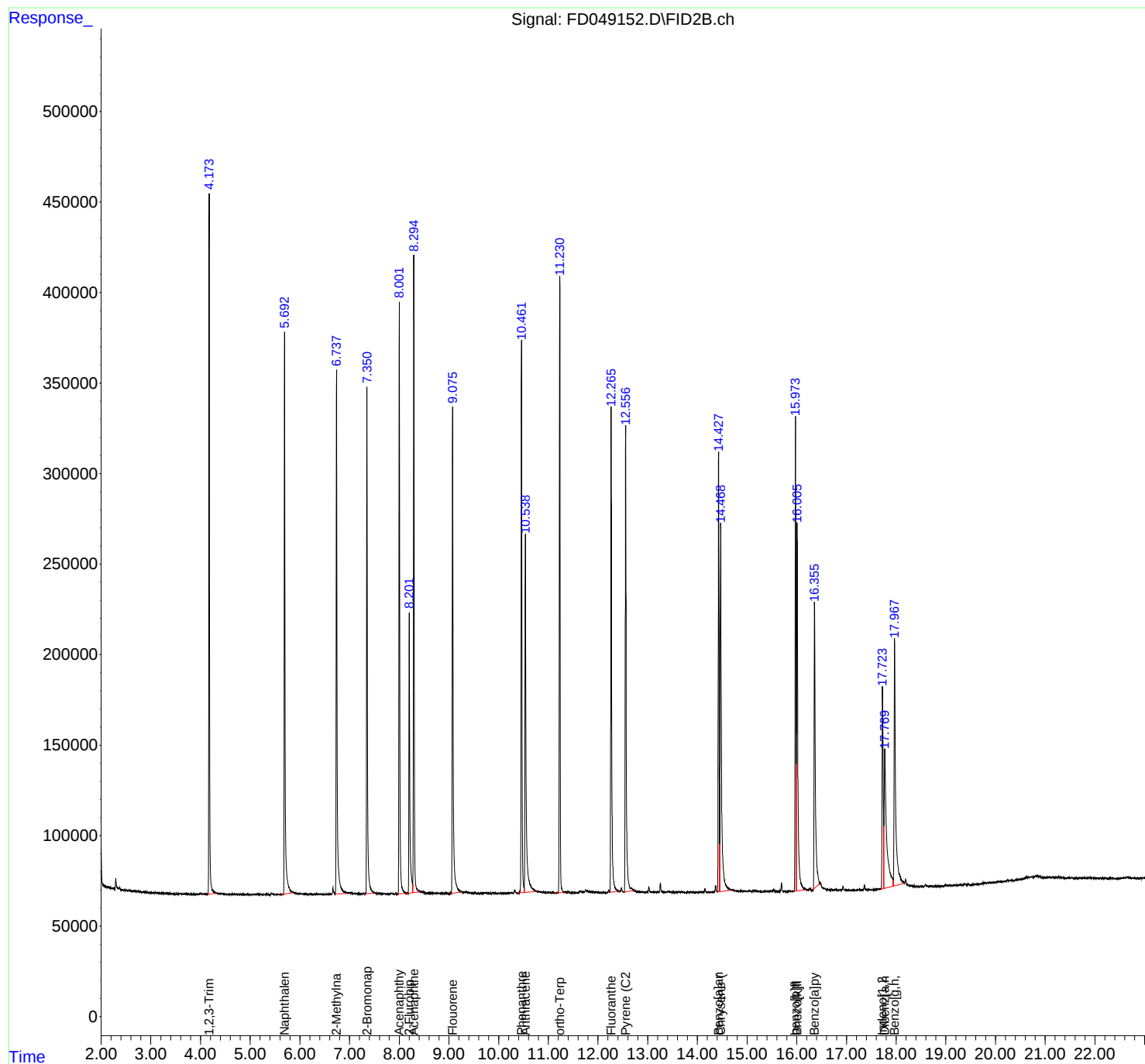
(m)=manual int.

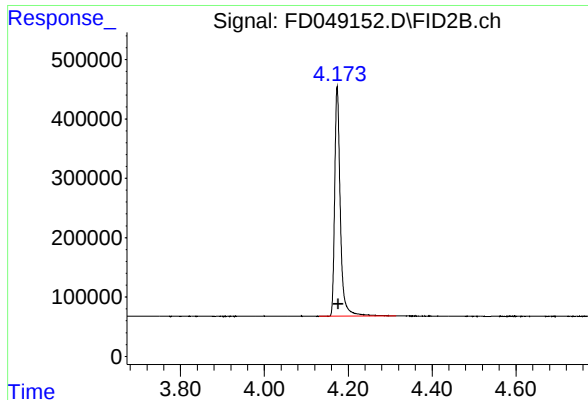
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD030325AR\  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 021125.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 µl  
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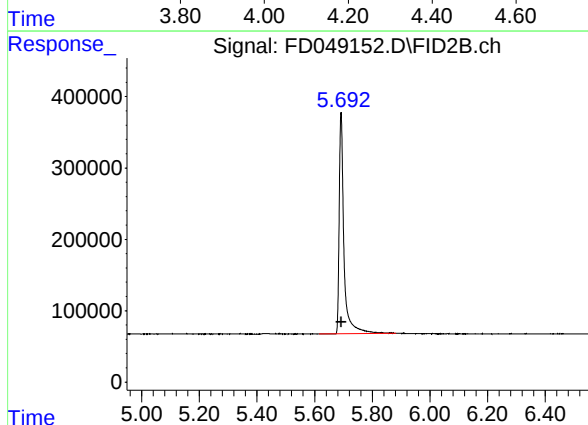




#1 1,2,3-Trimethylbenzene (C10.1)

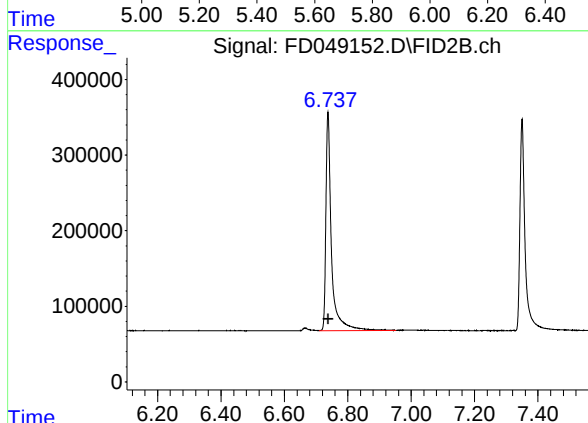
R.T.: 4.174 min  
Delta R.T.: -0.002 min  
Response: 3598747  
Conc: 22.60 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



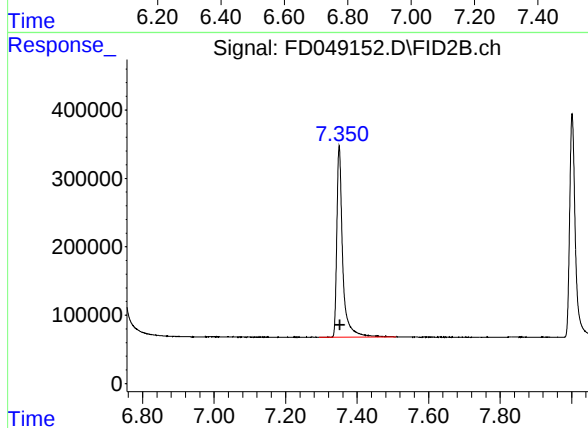
#2 Naphthalene (C11.7)

R.T.: 5.692 min  
Delta R.T.: -0.001 min  
Response: 3567587  
Conc: 22.47 ug/ml



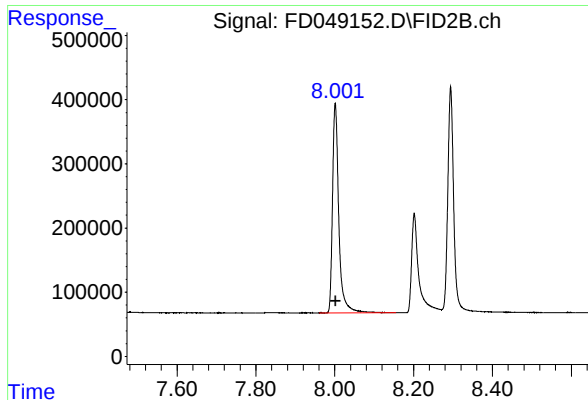
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min  
Delta R.T.: -0.001 min  
Response: 3540836  
Conc: 22.74 ug/ml



#4 2-Bromonaphthalene (SURR)

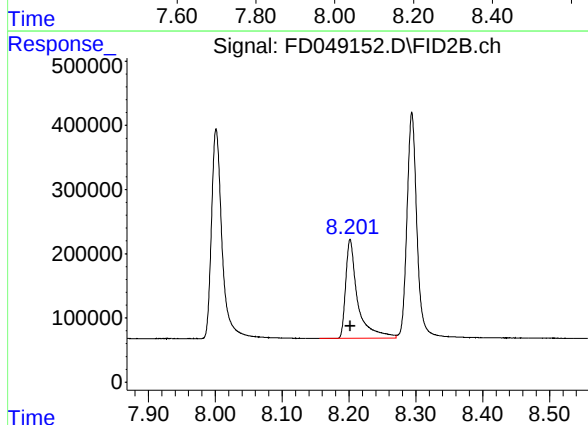
R.T.: 7.350 min  
Delta R.T.: -0.001 min  
Response: 3200485  
Conc: 22.36 ug/ml



#5 Acenaphthylene (C15.06)

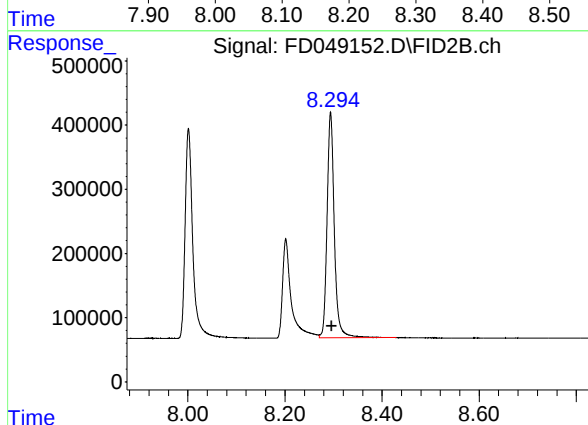
R.T.: 8.001 min  
Delta R.T.: -0.001 min  
Response: 3611215  
Conc: 22.21 ug/ml

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



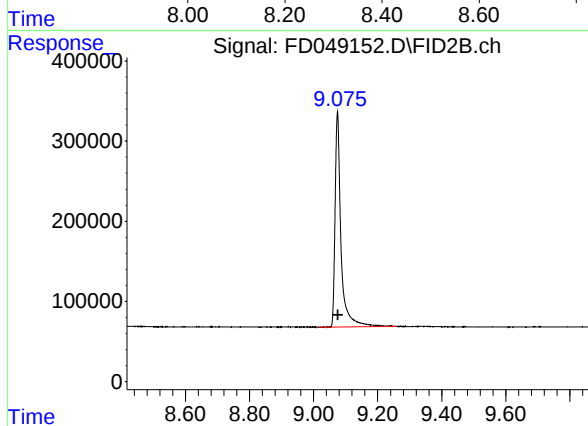
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 1929084  
Conc: 21.94 ug/ml



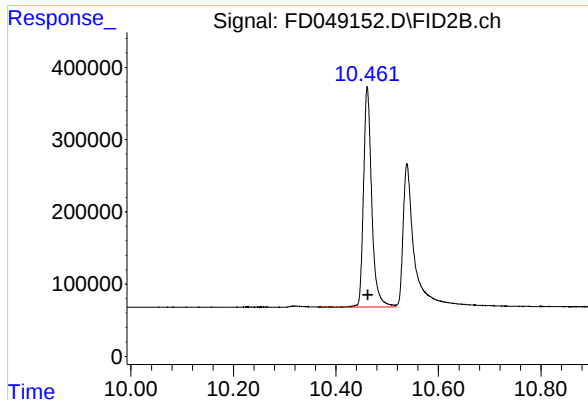
#7 Acenaphthene (C15.5)

R.T.: 8.294 min  
Delta R.T.: -0.002 min  
Response: 3678553  
Conc: 22.36 ug/ml



#8 Flouorene (C16.55)

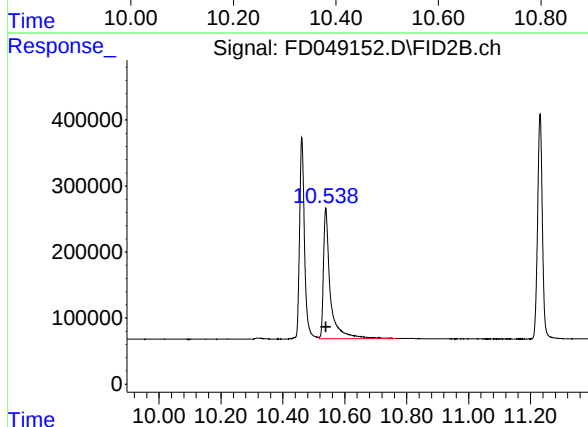
R.T.: 9.075 min  
Delta R.T.: -0.001 min  
Response: 3447664  
Conc: 21.87 ug/ml



#9 Phenanthrene (C19.36)

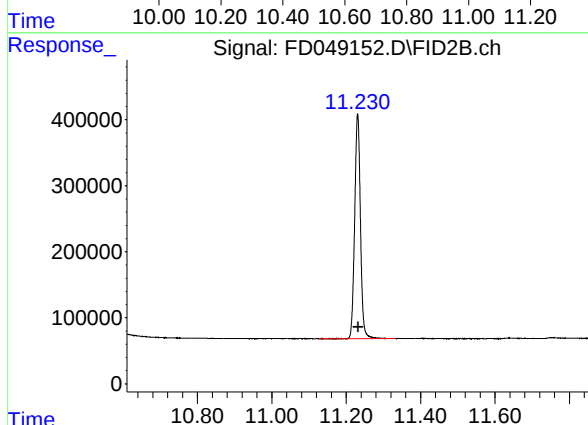
R.T.: 10.461 min  
Delta R.T.: -0.002 min  
Response: 3362427  
Conc: 22.31 ug/ml

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



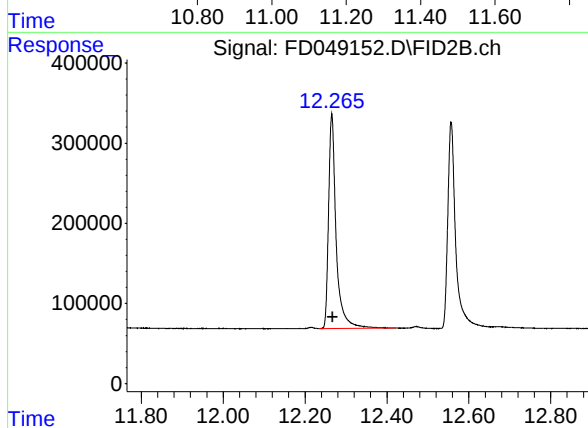
#10 Anthracene (C19.43)

R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 3055470  
Conc: 20.23 ug/ml



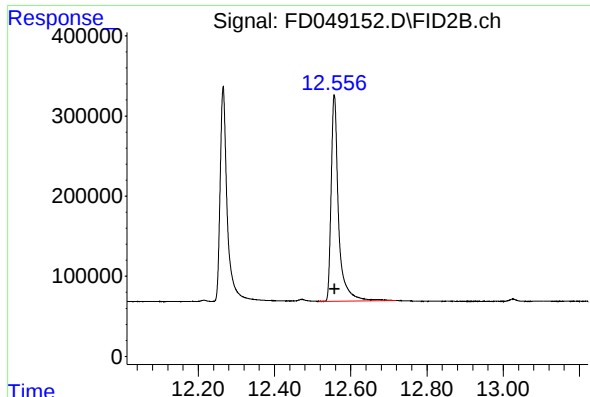
#11 ortho-Terphenyl (SURRE)

R.T.: 11.231 min  
Delta R.T.: -0.002 min  
Response: 3666945  
Conc: 22.67 ug/ml



#12 Fluoranthene (C21.85)

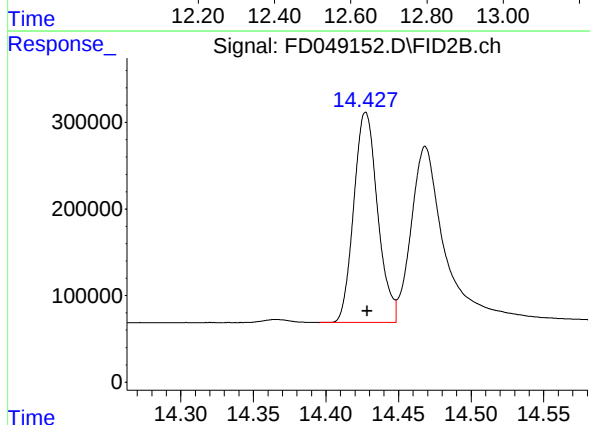
R.T.: 12.265 min  
Delta R.T.: -0.002 min  
Response: 3450909  
Conc: 22.36 ug/ml



#13 Pyrene (C20.8)

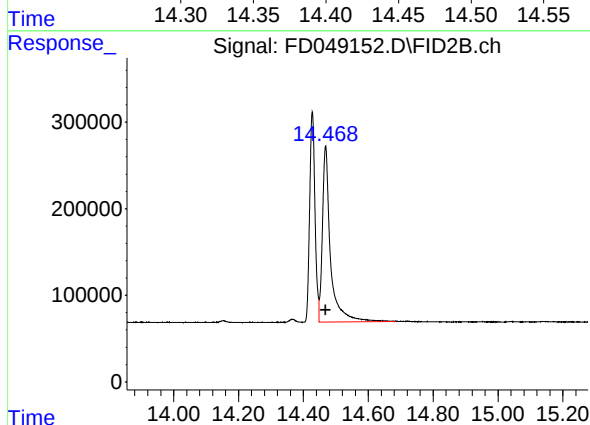
R.T.: 12.557 min  
Delta R.T.: -0.002 min  
Response: 3491272  
Conc: 22.66 ug/ml

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



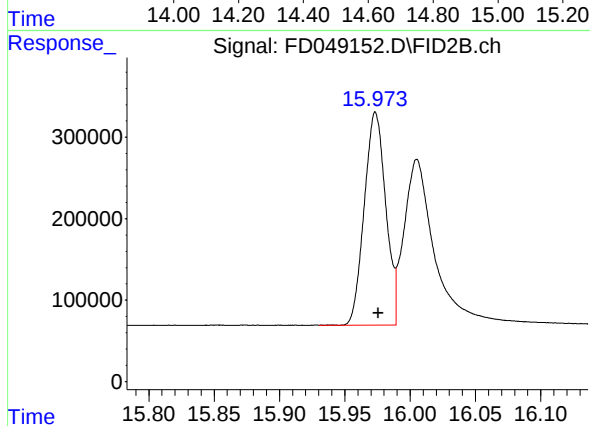
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min  
Delta R.T.: -0.001 min  
Response: 2774723  
Conc: 21.12 ug/ml



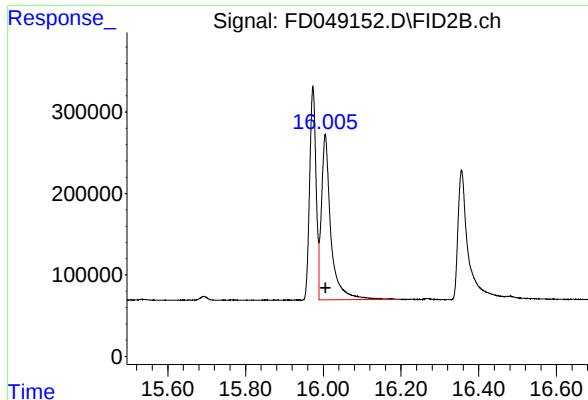
#15 Chrysene (C27.41)

R.T.: 14.468 min  
Delta R.T.: 0.000 min  
Response: 3521433  
Conc: 21.78 ug/ml



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

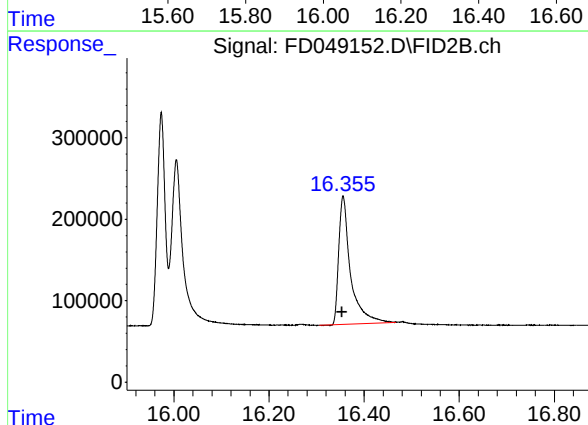
R.T.: 15.974 min  
Delta R.T.: -0.002 min  
Response: 2988899  
Conc: 21.72 ug/ml



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

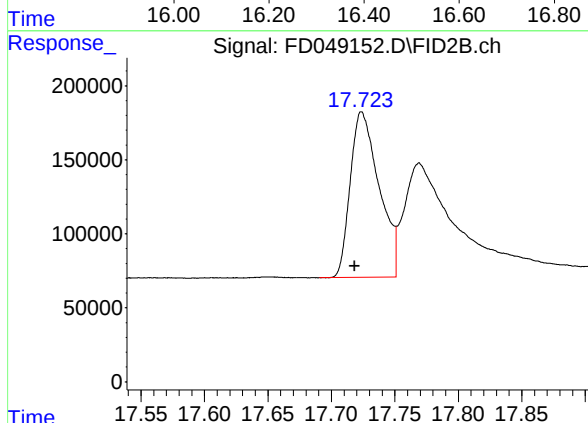
R.T.: 16.005 min  
Delta R.T.: 0.000 min  
Response: 3432388  
Conc: 21.73 ug/ml

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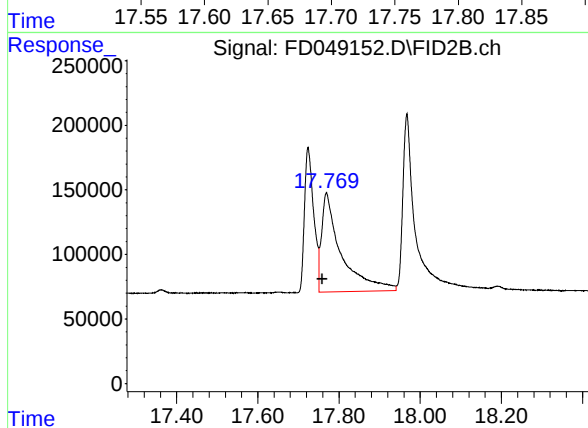
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min  
Delta R.T.: 0.002 min  
Response: 2706354  
Conc: 19.94 ug/ml



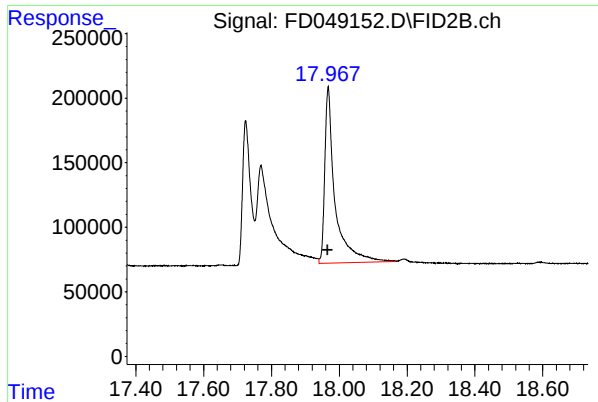
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.724 min  
Delta R.T.: 0.006 min  
Response: 1770166  
Conc: 16.20 ug/ml



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

R.T.: 17.769 min  
Delta R.T.: 0.010 min  
Response: 2570954  
Conc: 16.57 ug/ml



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

R.T.: 17.967 min

Delta R.T.: 0.002 min

Response: 2865760

Conc: 19.77 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD