

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD033023AR\  
 Data File : FD045371.D  
 Signal(s) : FID2B.ch  
 Acq On : 29 Mar 2023 11:38  
 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 30 02:38:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 0302823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 28 05:56:14 2023  
 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...      | 7.548  | 2653450    | 19.367 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.73%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.404  | 1736717    | 19.373 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.75%       |
| 11) S ortho-Terphenyl (SURR)       | 11.443 | 3365200    | 19.342 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.68%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.358  | 3025211    | 19.419 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.888  | 3109908    | 19.351 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.937  | 3092499    | 19.318 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.208  | 2818935    | 19.253 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.503  | 3011030    | 19.413 ug/ml |
| 8) T Fluorene (C16.55)             | 9.281  | 2866559    | 19.331 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.672 | 2796107    | 19.303 ug/ml |
| 10) T Anthracene (C19.43)          | 10.745 | 2610848    | 18.888 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.476 | 2770591    | 19.257 ug/ml |
| 13) T Pyrene (C20.8)               | 12.771 | 2722737    | 19.365 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.635 | 2456247    | 19.153 ug/ml |
| 15) T Chrysene (C27.41)            | 14.677 | 2562395    | 19.324 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.177 | 2501700    | 19.258 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.209 | 2463596    | 19.451 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.552 | 2411453    | 19.180 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.909 | 2186901    | 18.477 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.951 | 2215086    | 18.593 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.162 | 2329970    | 18.653 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

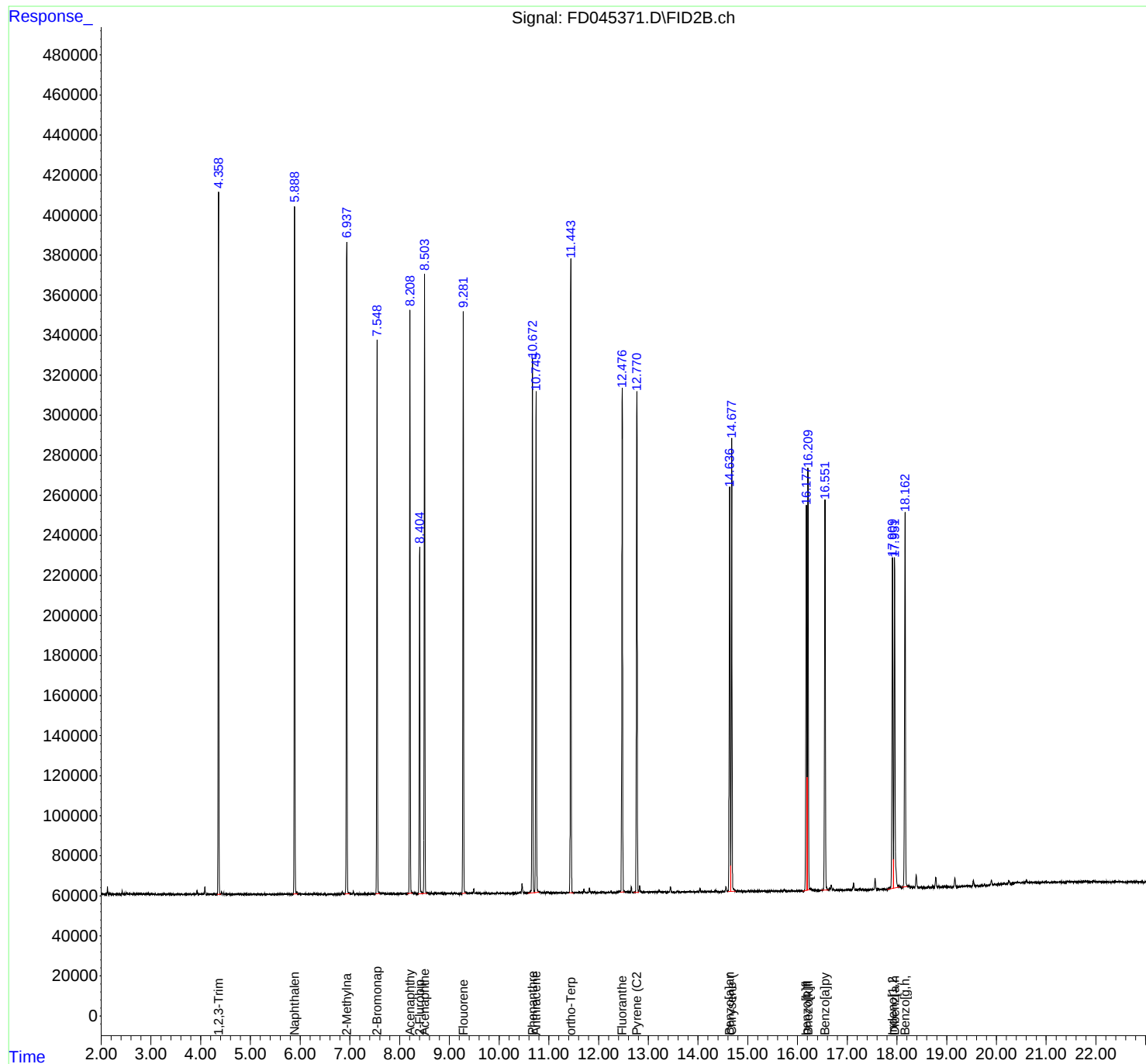
(m)=manual int.

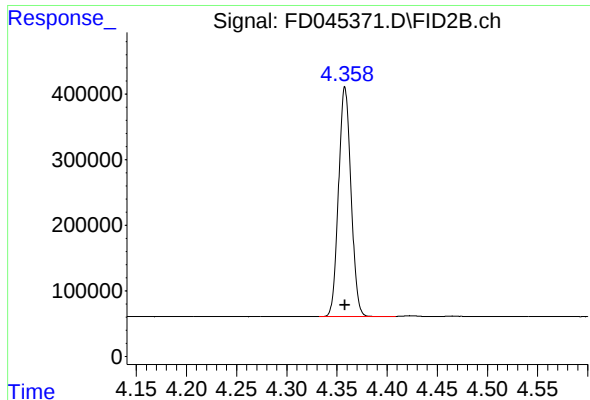
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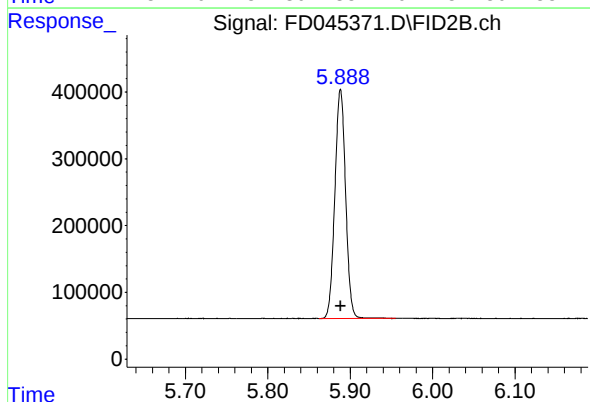




#1 1,2,3-Trimethylbenzene (C10.1)

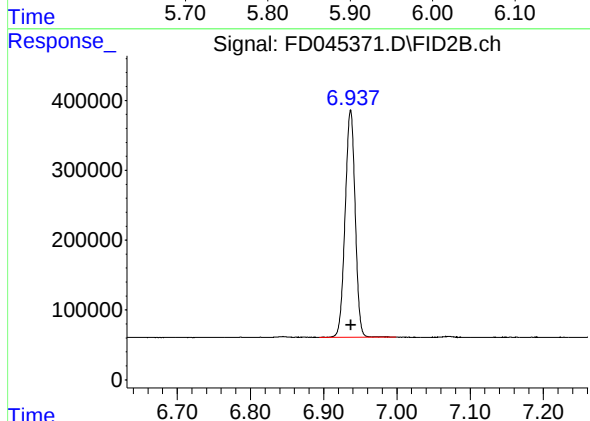
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 3025211  
Conc: 19.42 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



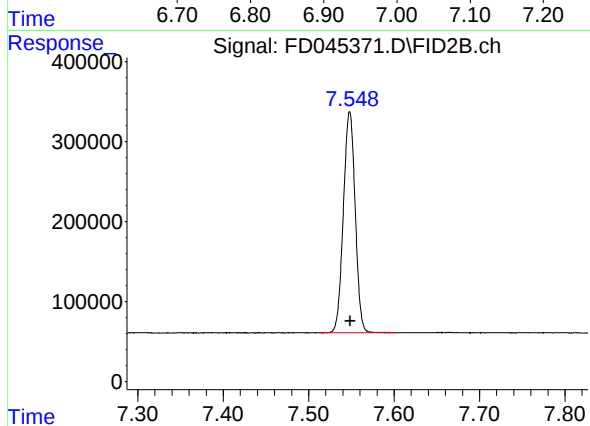
#2 Naphthalene (C11.7)

R.T.: 5.888 min  
Delta R.T.: 0.000 min  
Response: 3109908  
Conc: 19.35 ug/ml



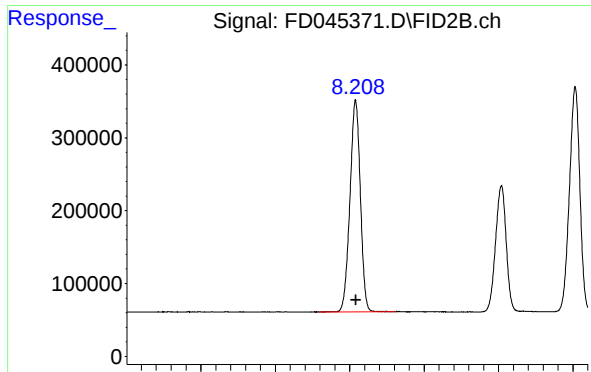
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min  
Delta R.T.: 0.000 min  
Response: 3092499  
Conc: 19.32 ug/ml



#4 2-Bromonaphthalene (SURR)

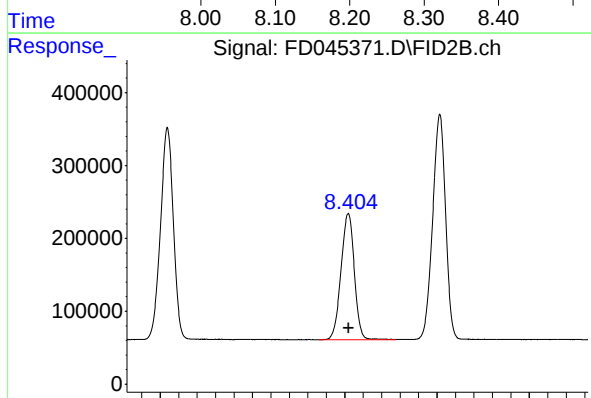
R.T.: 7.548 min  
Delta R.T.: 0.000 min  
Response: 2653450  
Conc: 19.37 ug/ml



#5 Acenaphthylene (C15.06)

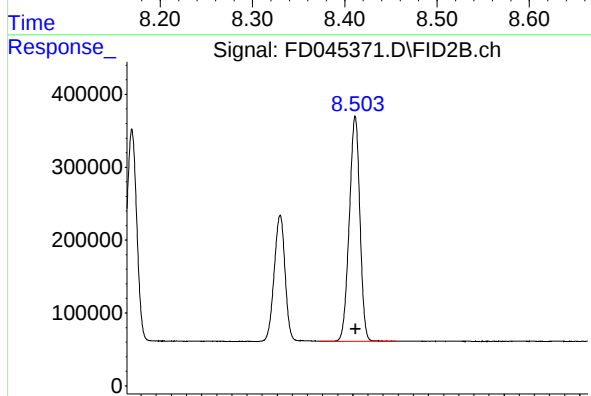
R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 2818935  
Conc: 19.25 ug/ml

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



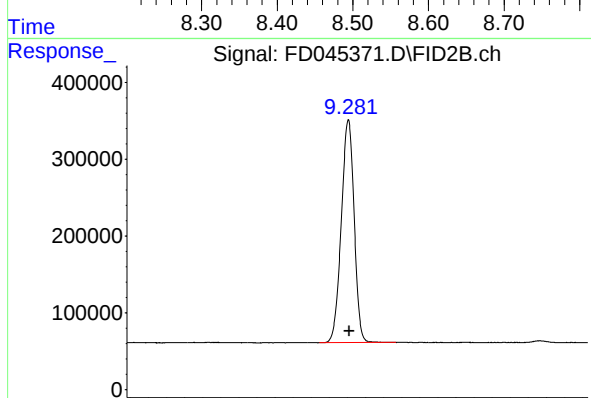
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min  
Delta R.T.: 0.000 min  
Response: 1736717  
Conc: 19.37 ug/ml



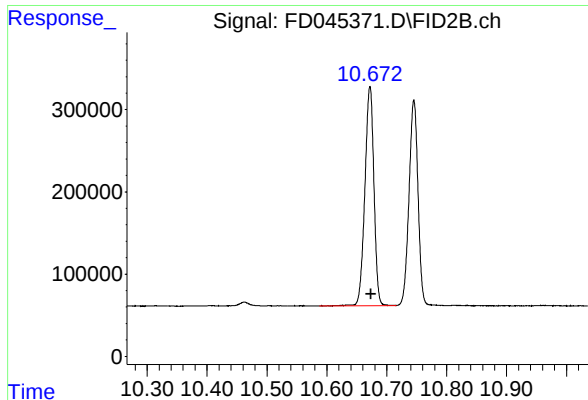
#7 Acenaphthene (C15.5)

R.T.: 8.503 min  
Delta R.T.: 0.000 min  
Response: 3011030  
Conc: 19.41 ug/ml



#8 Flouorene (C16.55)

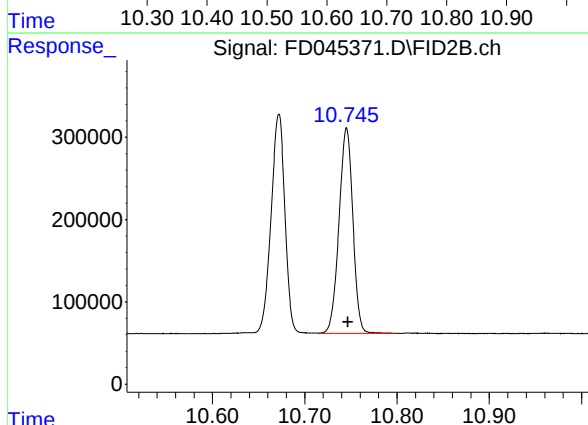
R.T.: 9.281 min  
Delta R.T.: 0.000 min  
Response: 2866559  
Conc: 19.33 ug/ml



#9 Phenanthrene (C19.36)

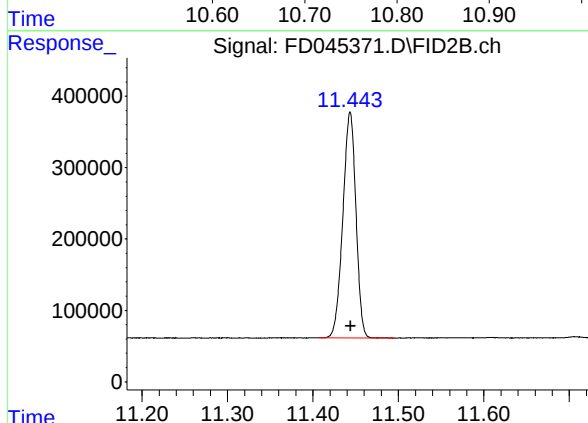
R.T.: 10.672 min  
Delta R.T.: -0.002 min  
Response: 2796107  
Conc: 19.30 ug/ml

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



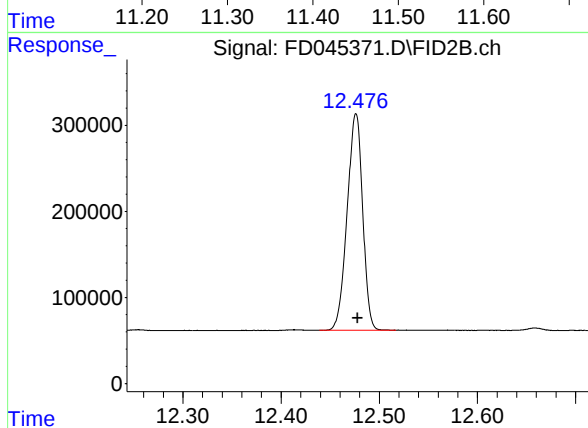
#10 Anthracene (C19.43)

R.T.: 10.745 min  
Delta R.T.: -0.001 min  
Response: 2610848  
Conc: 18.89 ug/ml



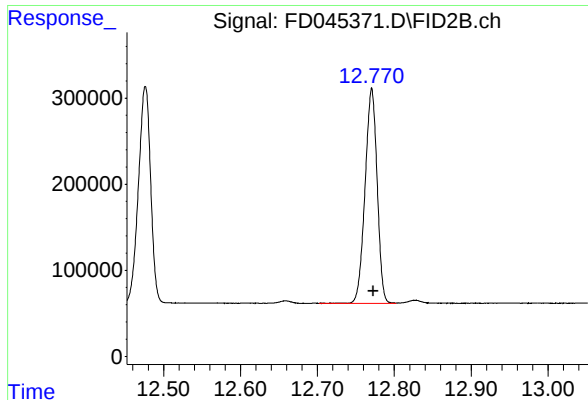
#11 ortho-Terphenyl (SURRE)

R.T.: 11.443 min  
Delta R.T.: -0.001 min  
Response: 3365200  
Conc: 19.34 ug/ml



#12 Fluoranthene (C21.85)

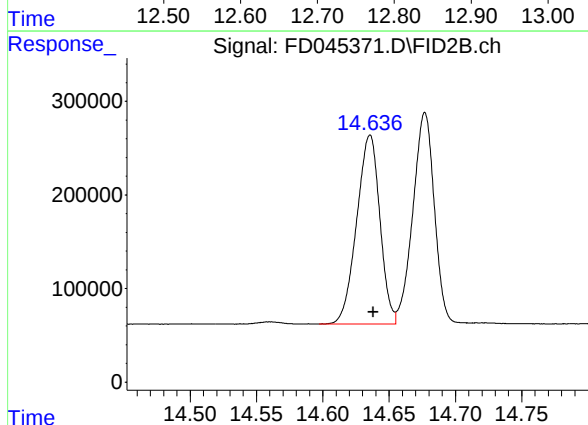
R.T.: 12.476 min  
Delta R.T.: -0.002 min  
Response: 2770591  
Conc: 19.26 ug/ml



#13 Pyrene (C20.8)

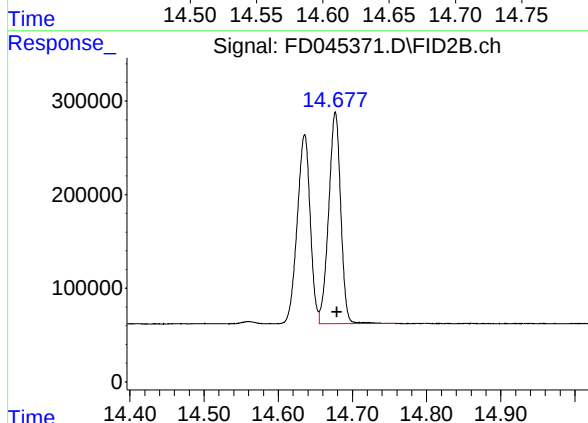
R.T.: 12.771 min  
Delta R.T.: -0.002 min  
Response: 2722737  
Conc: 19.37 ug/ml

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



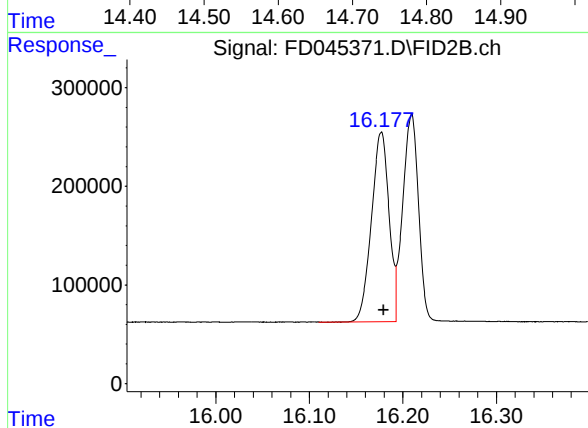
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min  
Delta R.T.: -0.003 min  
Response: 2456247  
Conc: 19.15 ug/ml



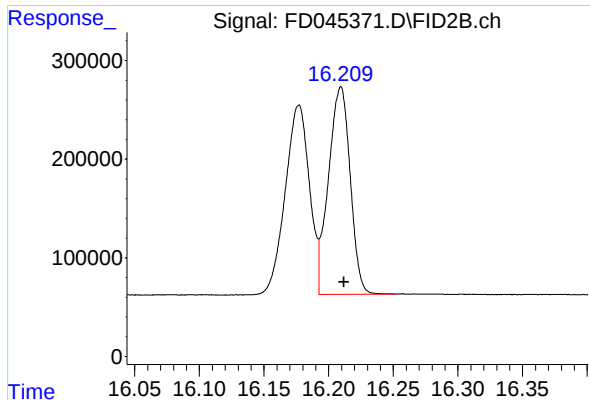
#15 Chrysene (C27.41)

R.T.: 14.677 min  
Delta R.T.: -0.002 min  
Response: 2562395  
Conc: 19.32 ug/ml



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

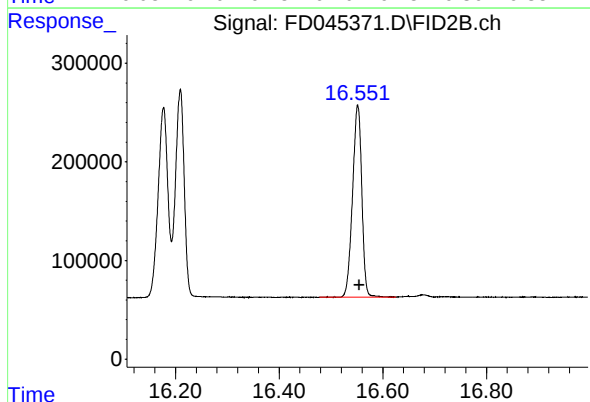
R.T.: 16.177 min  
Delta R.T.: -0.003 min  
Response: 2501700  
Conc: 19.26 ug/ml



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

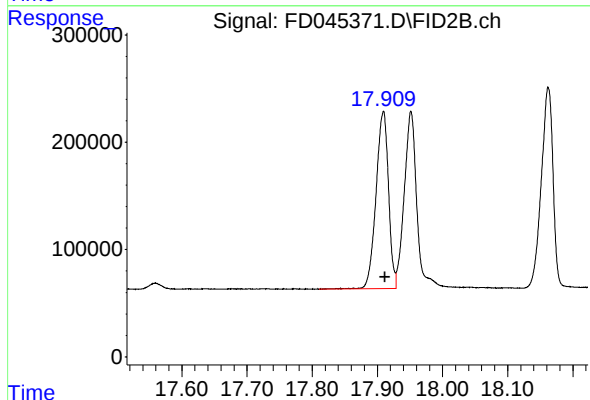
R.T.: 16.209 min  
Delta R.T.: -0.003 min  
Response: 2463596  
Conc: 19.45 ug/ml

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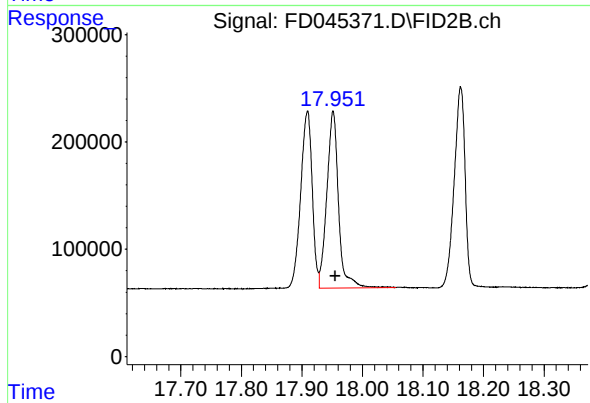
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min  
Delta R.T.: -0.003 min  
Response: 2411453  
Conc: 19.18 ug/ml



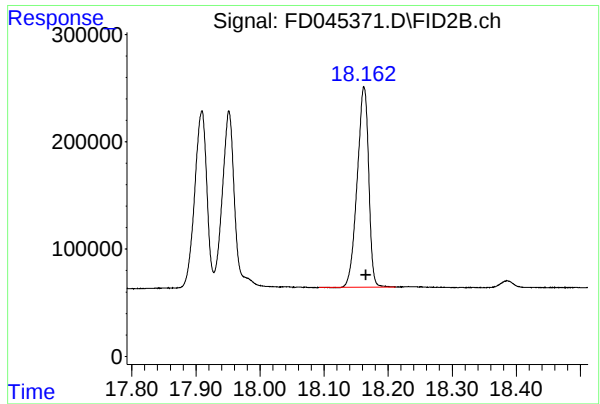
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min  
Delta R.T.: -0.003 min  
Response: 2186901  
Conc: 18.48 ug/ml



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

R.T.: 17.951 min  
Delta R.T.: -0.004 min  
Response: 2215086  
Conc: 18.59 ug/ml



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

R.T.: 18.162 min  
Delta R.T.: -0.003 min  
Response: 2329970  
Conc: 18.65 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD