

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020420AR\  
 Data File : FD032277.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Feb 2020 23:16  
 Operator : DD\AJ  
 Sample : 10 PPM AROMATIC HC STD4  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e  
 Quant Time: Feb 05 03:17:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 020420.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 05 03:12:32 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...      | 7.632  | 1380254    | 10.174 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 20.35%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.494  | 940227     | 10.005 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 20.01%       |
| 11) S ortho-Terphenyl (SURR)       | 11.532 | 1487295    | 10.218 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 20.44%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.436  | 1441411    | 10.276 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.973  | 1507484    | 10.114 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.023  | 1498877    | 10.057 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.297  | 1472865    | 10.190 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.592  | 1495954    | 9.982 ug/ml  |
| 8) T Fluorene (C16.55)             | 9.372  | 1491100    | 10.004 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.767 | 1508480    | 10.091 ug/ml |
| 10) T Anthracene (C19.43)          | 10.841 | 1485304    | 10.041 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.577 | 1515805    | 10.152 ug/ml |
| 13) T Pyrene (C20.8)               | 12.874 | 1502069    | 10.145 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.744 | 1438742    | 10.256 ug/ml |
| 15) T Chrysene (C27.41)            | 14.786 | 1452809    | 10.305 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.294 | 1410376    | 10.293 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.325 | 1416303    | 10.349 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.672 | 1386145    | 10.271 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.037 | 1296284    | 10.094 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.077 | 1382398    | 10.565 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.290 | 1279272    | 10.068 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

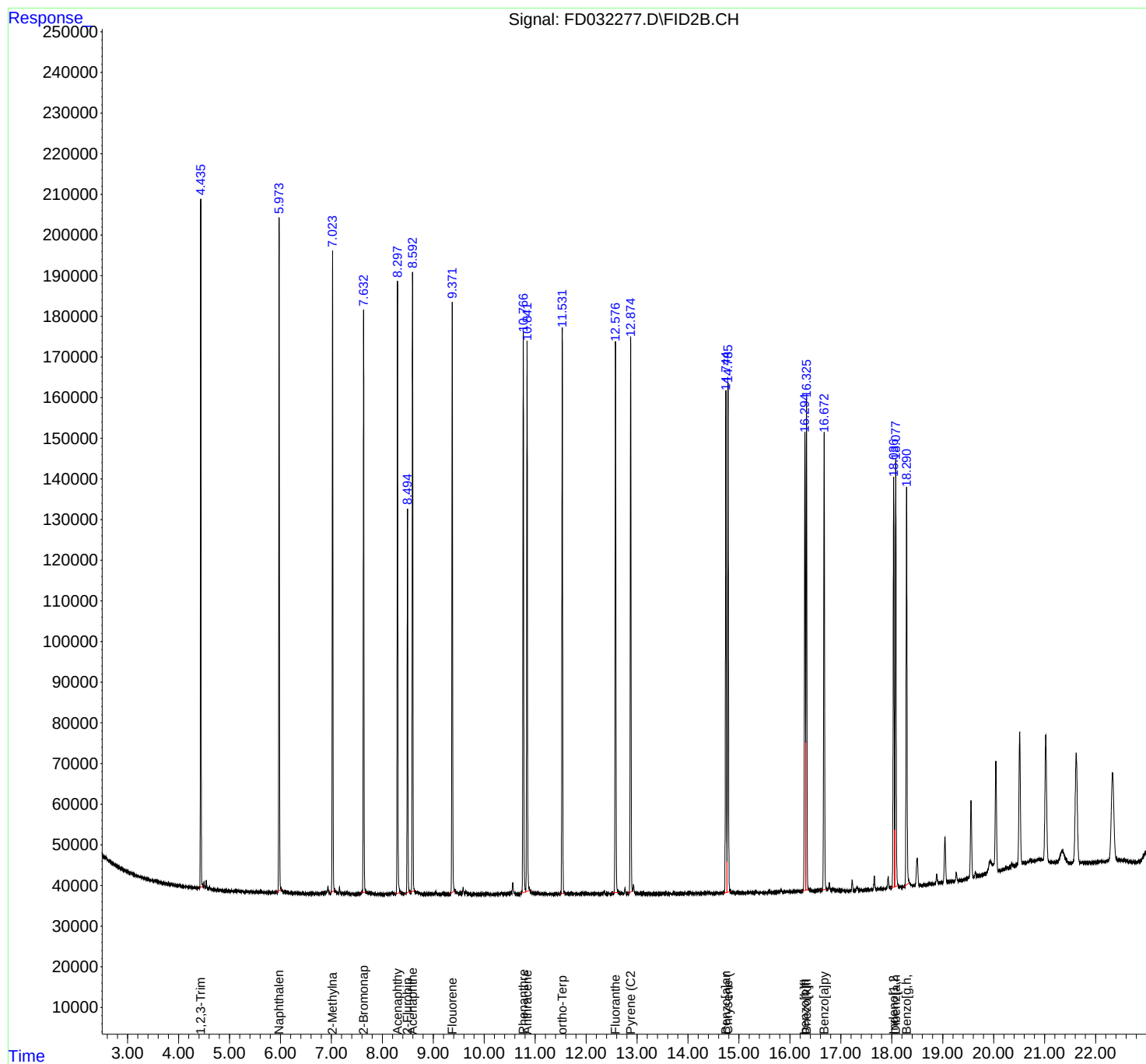
(m)=manual int.

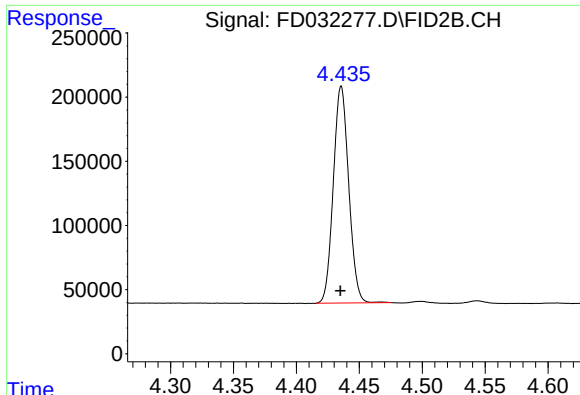
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020420AR\  
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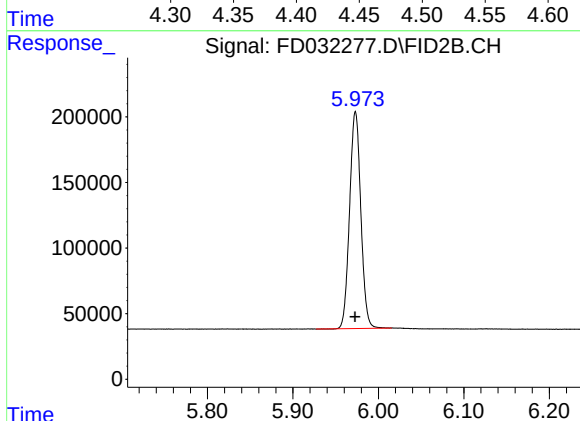




#1 1,2,3-Trimethylbenzene (C10.1)

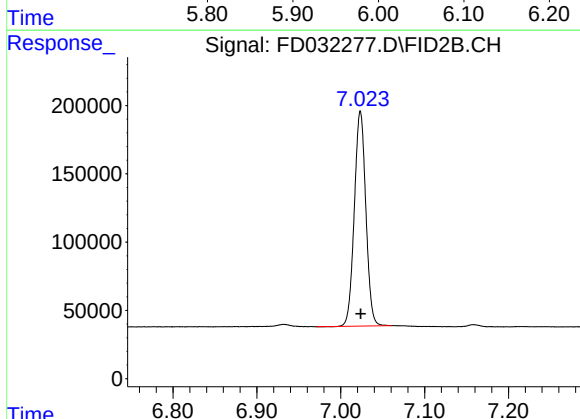
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 1441411  
Conc: 10.28 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



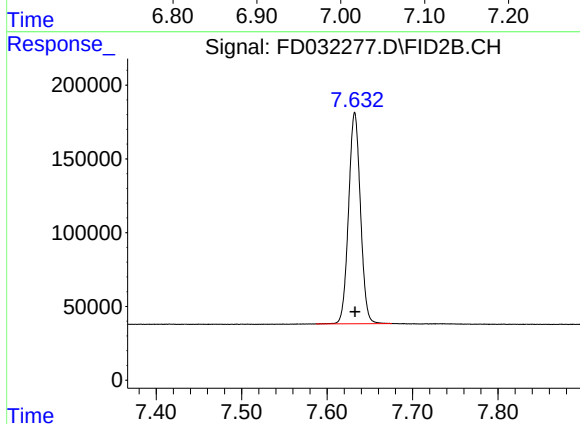
#2 Naphthalene (C11.7)

R.T.: 5.973 min  
Delta R.T.: 0.000 min  
Response: 1507484  
Conc: 10.11 ug/ml



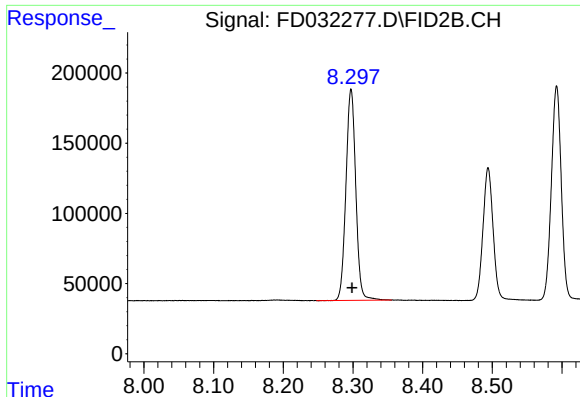
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 1498877  
Conc: 10.06 ug/ml



#4 2-Bromonaphthalene (SURR)

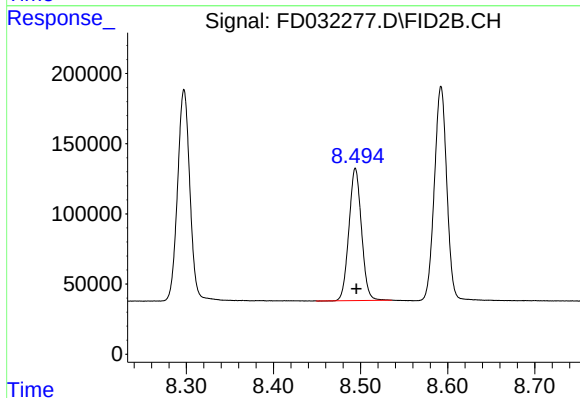
R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 1380254  
Conc: 10.17 ug/ml



#5 Acenaphthylene (C15.06)

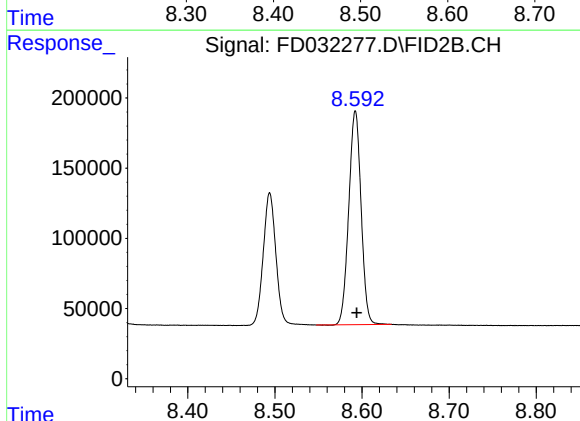
R.T.: 8.297 min  
Delta R.T.: -0.001 min  
Response: 1472865  
Conc: 10.19 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



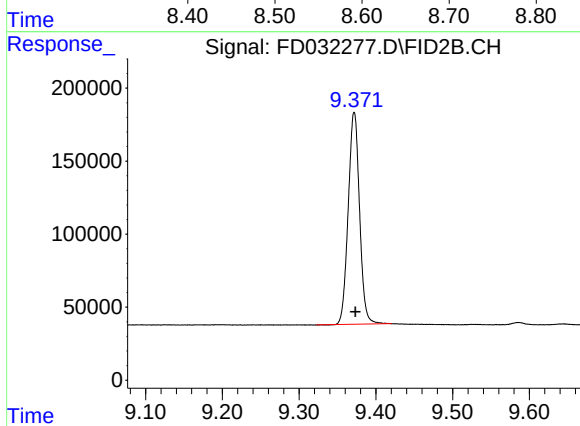
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min  
Delta R.T.: -0.001 min  
Response: 940227  
Conc: 10.00 ug/ml



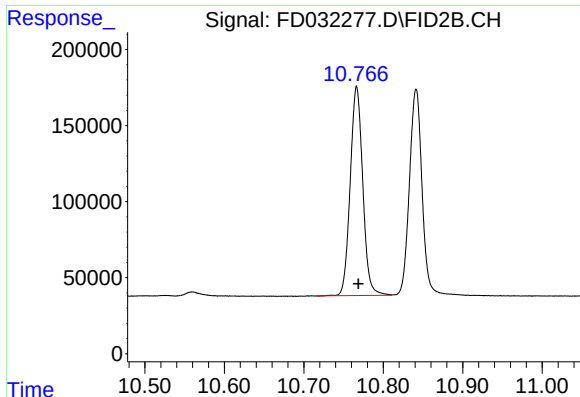
#7 Acenaphthene (C15.5)

R.T.: 8.592 min  
Delta R.T.: -0.001 min  
Response: 1495954  
Conc: 9.98 ug/ml



#8 Flouorene (C16.55)

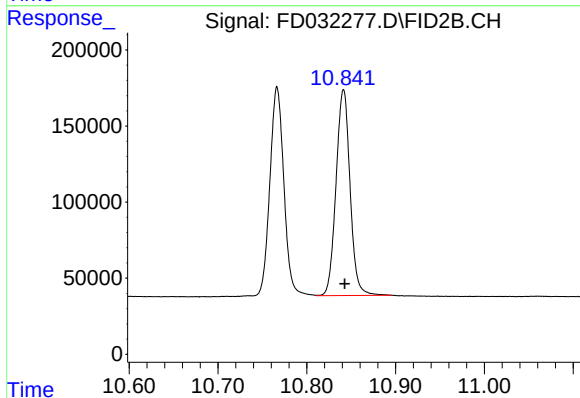
R.T.: 9.372 min  
Delta R.T.: -0.001 min  
Response: 1491100  
Conc: 10.00 ug/ml



#9 Phenanthrene (C19.36)

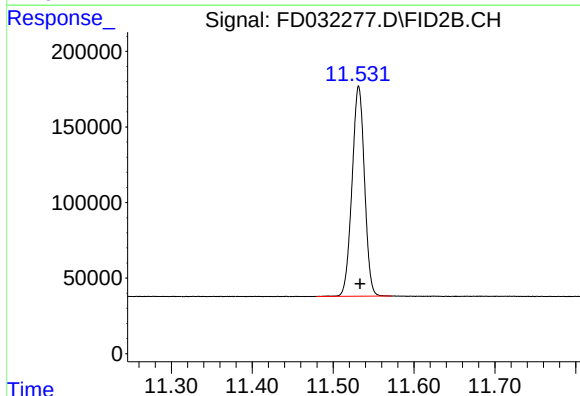
R.T.: 10.767 min  
Delta R.T.: -0.002 min  
Response: 1508480  
Conc: 10.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



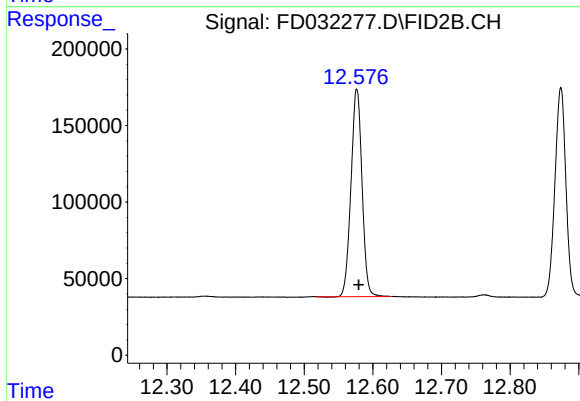
#10 Anthracene (C19.43)

R.T.: 10.841 min  
Delta R.T.: -0.001 min  
Response: 1485304  
Conc: 10.04 ug/ml



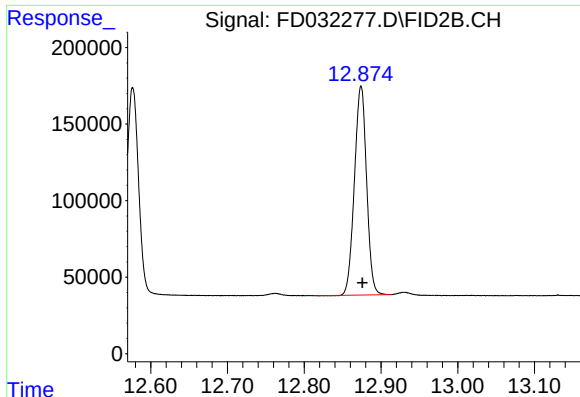
#11 ortho-Terphenyl (SURR)

R.T.: 11.532 min  
Delta R.T.: -0.001 min  
Response: 1487295  
Conc: 10.22 ug/ml



#12 Fluoranthene (C21.85)

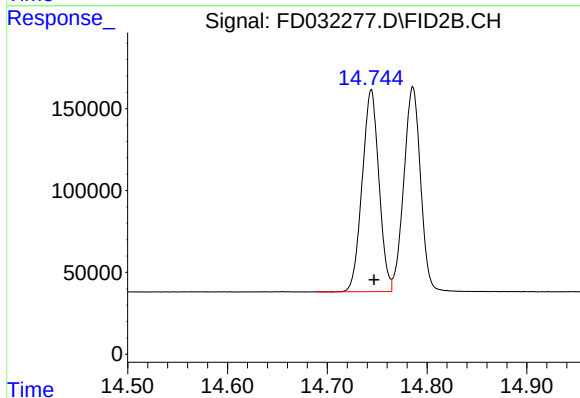
R.T.: 12.577 min  
Delta R.T.: -0.003 min  
Response: 1515805  
Conc: 10.15 ug/ml



#13 Pyrene (C20.8)

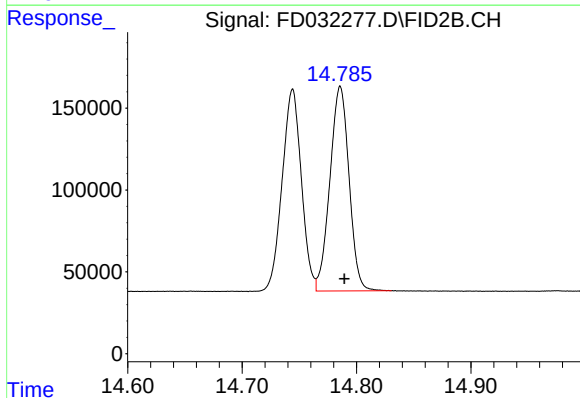
R.T.: 12.874 min  
Delta R.T.: -0.002 min  
Response: 1502069  
Conc: 10.14 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4



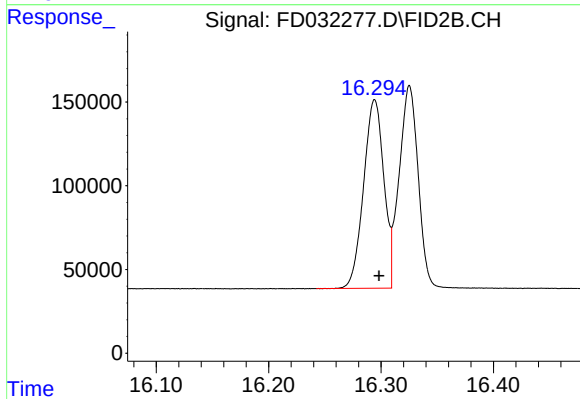
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min  
Delta R.T.: -0.003 min  
Response: 1438742  
Conc: 10.26 ug/ml



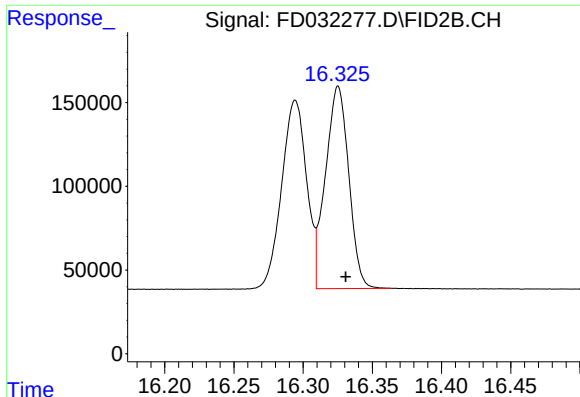
#15 Chrysene (C27.41)

R.T.: 14.786 min  
Delta R.T.: -0.004 min  
Response: 1452809  
Conc: 10.31 ug/ml



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

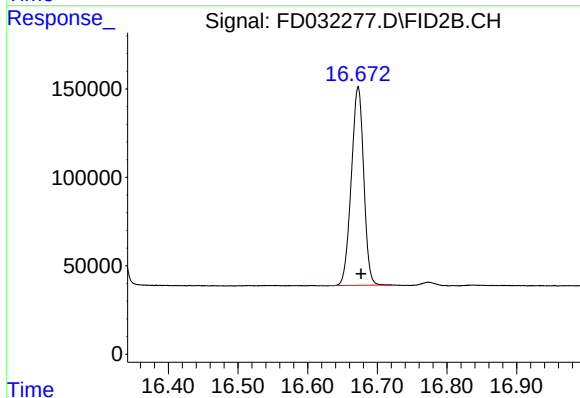
R.T.: 16.294 min  
Delta R.T.: -0.004 min  
Response: 1410376  
Conc: 10.29 ug/ml



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

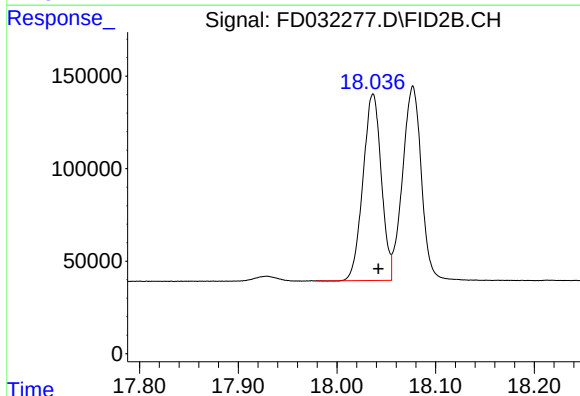
R.T.: 16.325 min  
Delta R.T.: -0.005 min  
Response: 1416303  
Conc: 10.35 ug/ml

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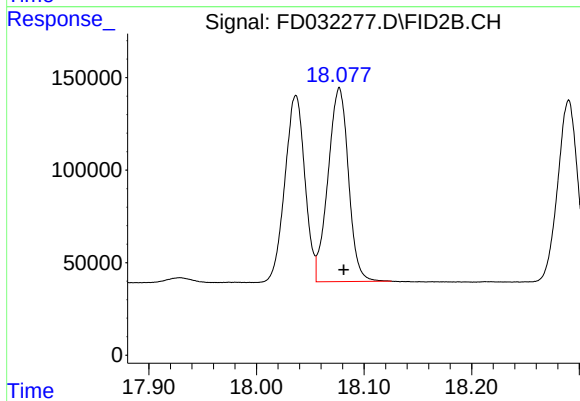
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min  
Delta R.T.: -0.004 min  
Response: 1386145  
Conc: 10.27 ug/ml



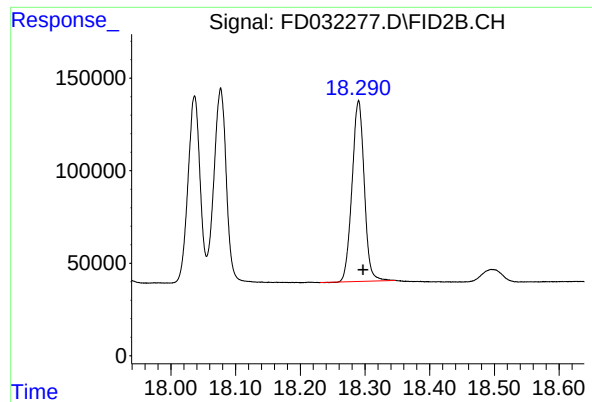
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min  
Delta R.T.: -0.005 min  
Response: 1296284  
Conc: 10.09 ug/ml



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

R.T.: 18.077 min  
Delta R.T.: -0.004 min  
Response: 1382398  
Conc: 10.57 ug/ml



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

R.T.: 18.290 min  
Delta R.T.: -0.007 min  
Response: 1279272  
Conc: 10.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
10 PPM AROMATIC HC STD4