

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD093024AR\  
 Data File : FD048405.D  
 Signal(s) : FID2B.ch  
 Acq On : 30 Sep 2024 15:49  
 Operator : YP/AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 30 17:02:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 093024.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 14:17:34 2024  
 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...      | 7.381  | 3151533    | 19.035 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.07%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.232  | 2033021    | 19.604 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 39.21%       |
| 11) S ortho-Terphenyl (SURR)       | 11.266 | 3565799    | 19.380 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 38.76%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.202  | 3393278    | 19.362 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.721  | 3622181    | 19.400 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.768  | 3645662    | 19.290 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.034  | 3620947    | 18.875 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.327  | 3636807    | 19.227 ug/ml |
| 8) T Fluorene (C16.55)             | 9.106  | 3518081    | 19.472 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.494 | 3463095    | 19.540 ug/ml |
| 10) T Anthracene (C19.43)          | 10.570 | 3412384    | 19.177 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.297 | 3506504    | 19.387 ug/ml |
| 13) T Pyrene (C20.8)               | 12.590 | 3424409    | 19.123 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.460 | 3193740    | 19.984 ug/ml |
| 15) T Chrysene (C27.41)            | 14.501 | 3514847    | 18.844 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.005 | 3297606    | 19.801 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.036 | 3230797    | 19.033 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.381 | 3150839    | 19.278 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.744 | 2583157    | 19.638 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.785 | 3233448    | 19.323 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 17.994 | 3135186    | 19.302 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

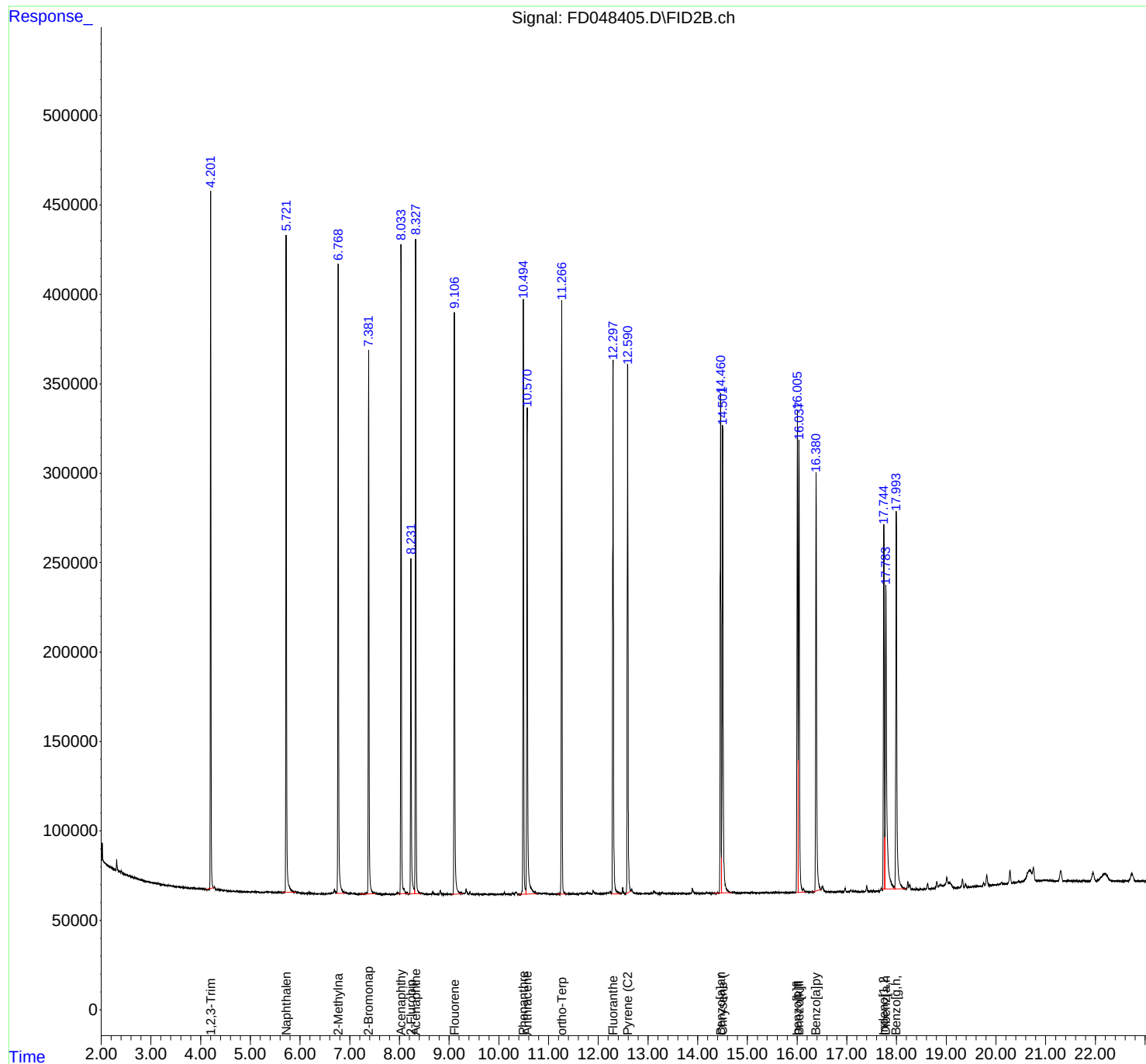
(m)=manual int.

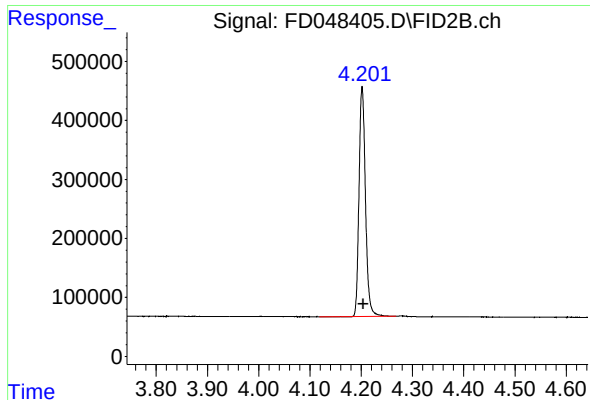
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD093024AR\  
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Quant Title : GC Extractables  
QLast Update : Mon Sep 30 14:17:34 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

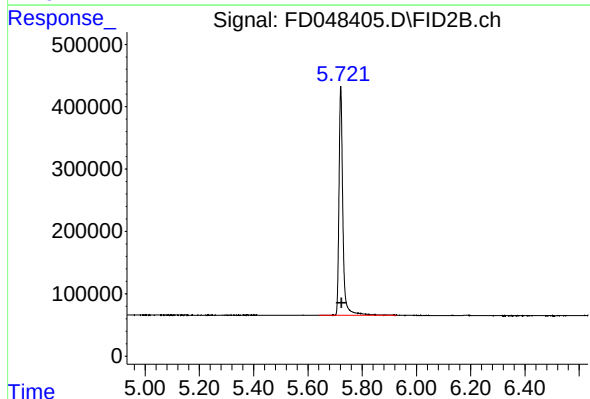




#1 1,2,3-Trimethylbenzene (C10.1)

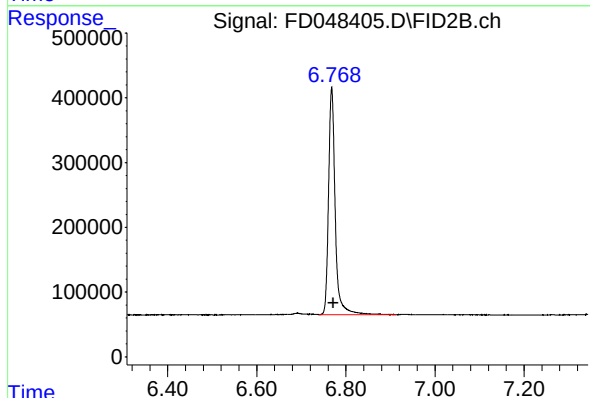
R.T.: 4.202 min  
Delta R.T.: -0.002 min  
Response: 3393278  
Conc: 19.36 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



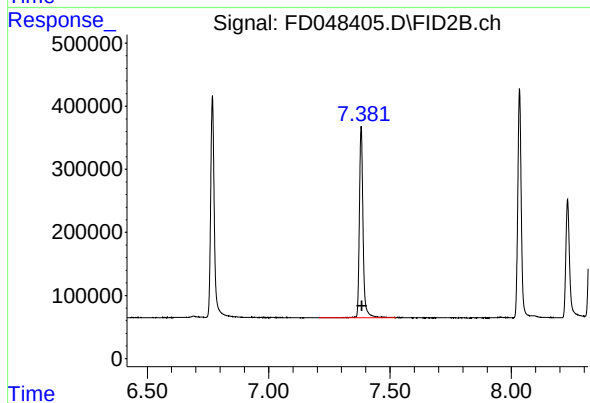
#2 Naphthalene (C11.7)

R.T.: 5.721 min  
Delta R.T.: -0.003 min  
Response: 3622181  
Conc: 19.40 ug/ml



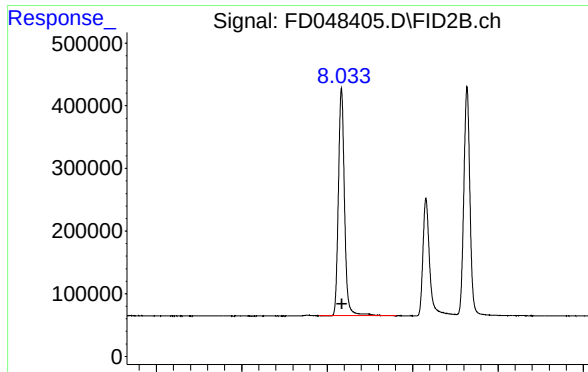
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min  
Delta R.T.: -0.004 min  
Response: 3645662  
Conc: 19.29 ug/ml



#4 2-Bromonaphthalene (SURR)

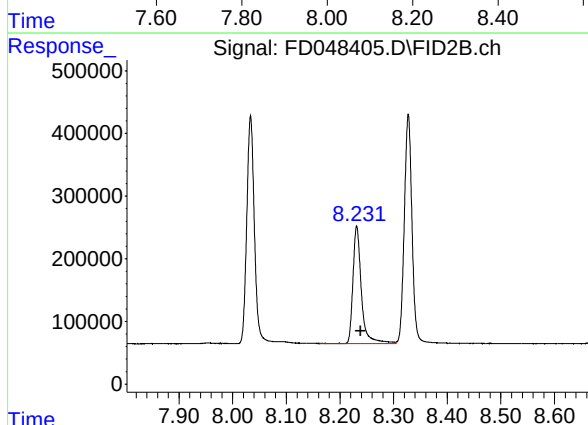
R.T.: 7.381 min  
Delta R.T.: -0.003 min  
Response: 3151533  
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

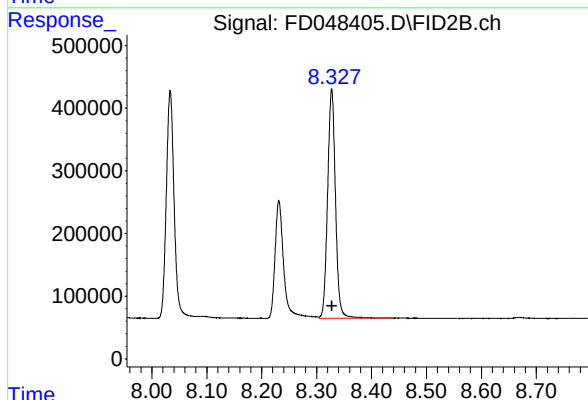
R.T.: 8.034 min  
Delta R.T.: -0.002 min  
Response: 3620947  
Conc: 18.87 ug/ml

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



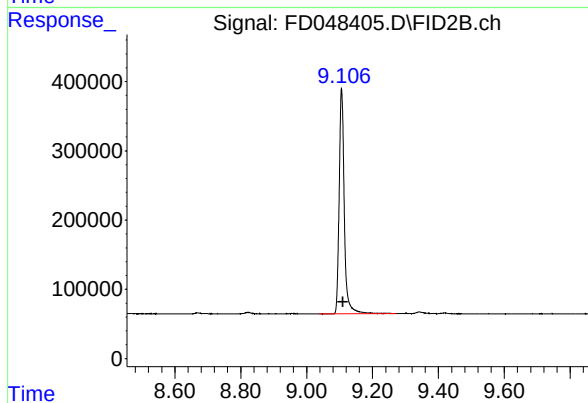
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min  
Delta R.T.: -0.007 min  
Response: 2033021  
Conc: 19.60 ug/ml



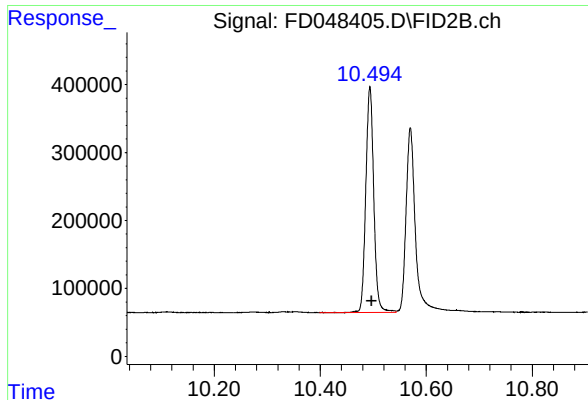
#7 Acenaphthene (C15.5)

R.T.: 8.327 min  
Delta R.T.: 0.000 min  
Response: 3636807  
Conc: 19.23 ug/ml



#8 Flouorene (C16.55)

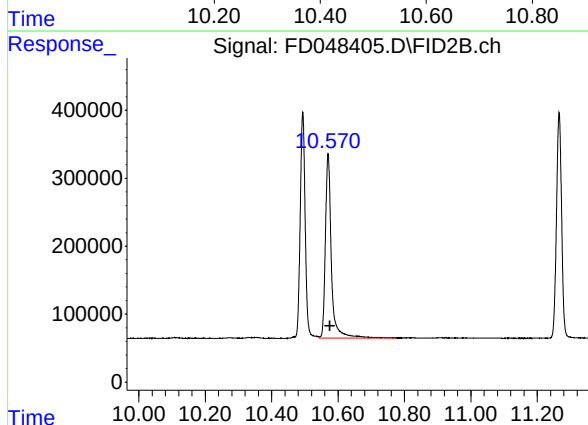
R.T.: 9.106 min  
Delta R.T.: -0.005 min  
Response: 3518081  
Conc: 19.47 ug/ml



#9 Phenanthrene (C19.36)

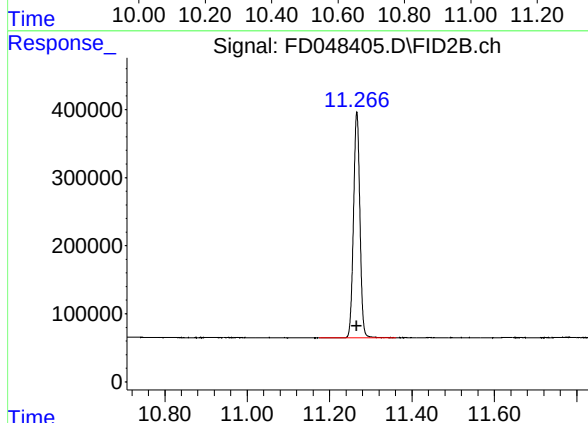
R.T.: 10.494 min  
Delta R.T.: -0.003 min  
Response: 3463095  
Conc: 19.54 ug/ml

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



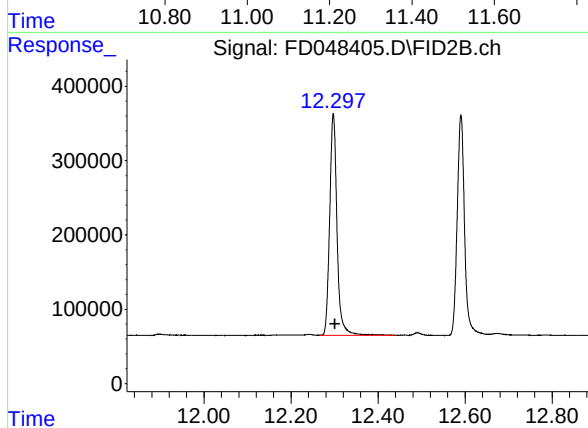
#10 Anthracene (C19.43)

R.T.: 10.570 min  
Delta R.T.: -0.005 min  
Response: 3412384  
Conc: 19.18 ug/ml



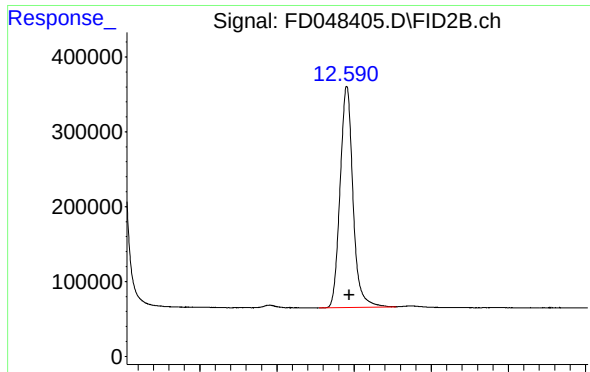
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min  
Delta R.T.: 0.000 min  
Response: 3565799  
Conc: 19.38 ug/ml



#12 Fluoranthene (C21.85)

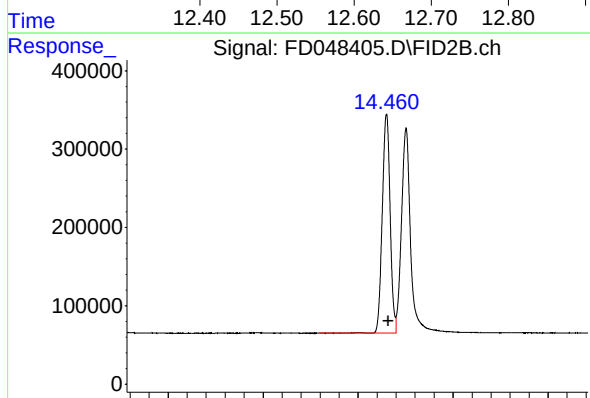
R.T.: 12.297 min  
Delta R.T.: -0.004 min  
Response: 3506504  
Conc: 19.39 ug/ml



#13 Pyrene (C20.8)

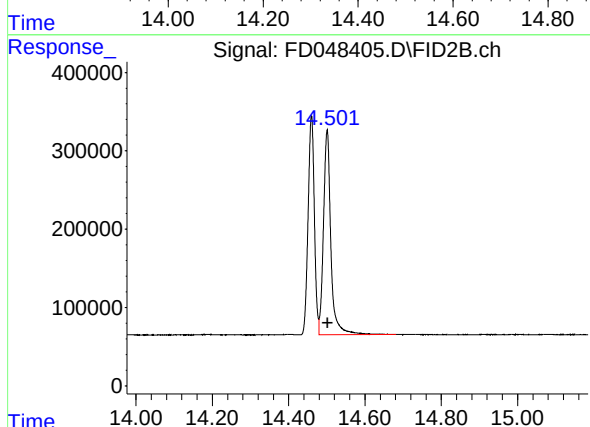
R.T.: 12.590 min  
Delta R.T.: -0.003 min  
Response: 3424409  
Conc: 19.12 ug/ml

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



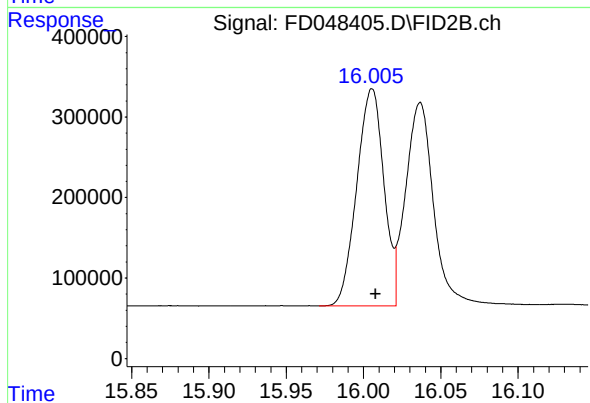
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.460 min  
Delta R.T.: -0.004 min  
Response: 3193740  
Conc: 19.98 ug/ml



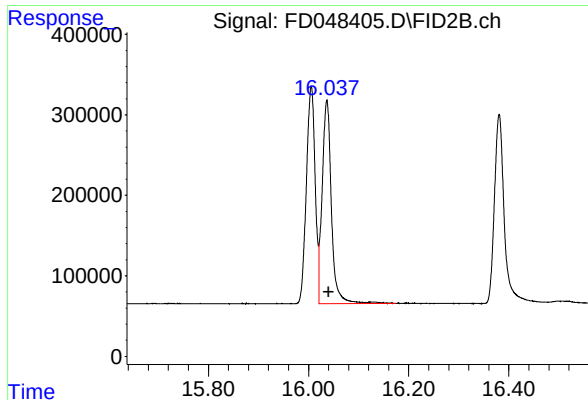
#15 Chrysene (C27.41)

R.T.: 14.501 min  
Delta R.T.: -0.001 min  
Response: 3514847  
Conc: 18.84 ug/ml



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

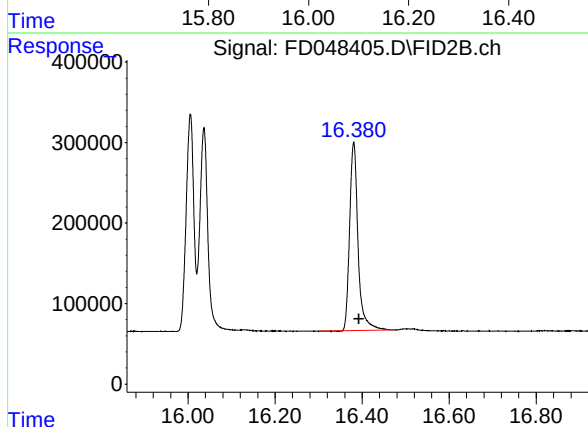
R.T.: 16.005 min  
Delta R.T.: -0.003 min  
Response: 3297606  
Conc: 19.80 ug/ml



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

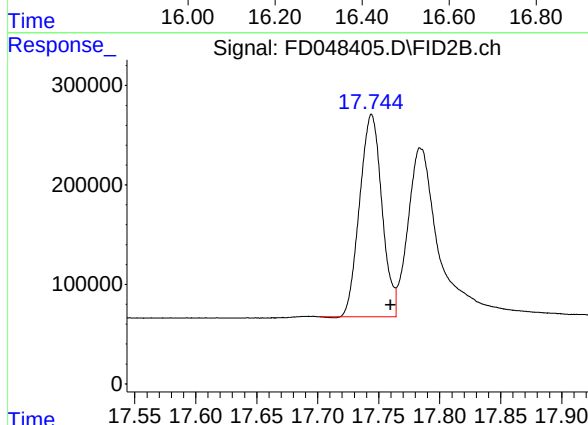
R.T.: 16.036 min  
Delta R.T.: -0.004 min  
Response: 3230797  
Conc: 19.03 ug/ml

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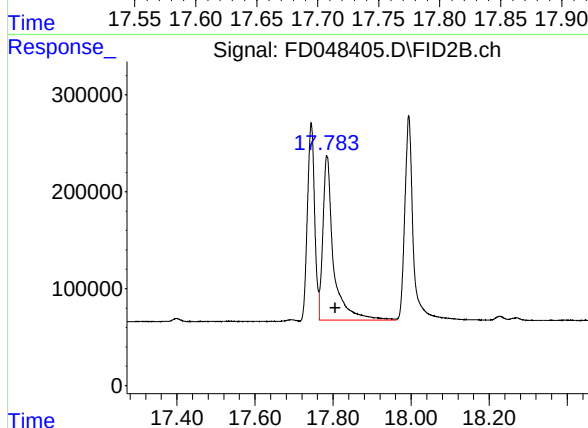
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min  
Delta R.T.: -0.012 min  
Response: 3150839  
Conc: 19.28 ug/ml



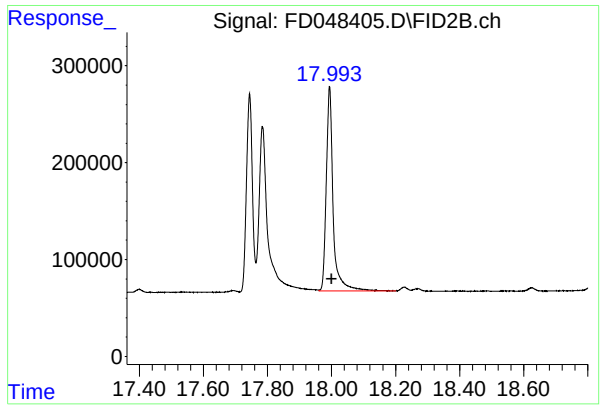
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min  
Delta R.T.: -0.016 min  
Response: 2583157  
Conc: 19.64 ug/ml



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

R.T.: 17.785 min  
Delta R.T.: -0.022 min  
Response: 3233448  
Conc: 19.32 ug/ml



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

R.T.: 17.994 min  
Delta R.T.: -0.007 min  
Response: 3135186  
Conc: 19.30 ug/ml

Instrument :

FID\_D

ClientSampleId :

20 PPM AROMATIC HC STD