

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072221AR\  
 Data File : FD038316.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Jul 2021 12:17  
 Operator : AJ\MA  
 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: Jul 23 01:39:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 070621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 07 10:27:43 2021  
 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...      | 7.511  | 2627553    | 20.161 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.32%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.373  | 1706271    | 19.282 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.56%       |
| 11) S ortho-Terphenyl (SURR)       | 11.408 | 2826764    | 18.652 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 37.30%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.317  | 2958373    | 20.886 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.850  | 3079854    | 20.832 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.901  | 2991000    | 20.380 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.174  | 2877493    | 19.289 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.469  | 3001606    | 19.386 ug/ml |
| 8) T Flouorene (C16.55)            | 9.250  | 2766429    | 18.872 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.644 | 2577791    | 17.833 ug/ml |
| 10) T Anthracene (C19.43)          | 10.720 | 2490191    | 17.602 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.456 | 2503020    | 17.277 ug/ml |
| 13) T Pyrene (C20.8)               | 12.752 | 2501074    | 17.553 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.625 | 2343318    | 18.353 ug/ml |
| 15) T Chrysene (C27.41)            | 14.667 | 2550948    | 18.018 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.178 | 2468214    | 19.793 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.209 | 2520561    | 19.214 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.556 | 2335301    | 19.908 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.927 | 2326886    | 22.481 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 17.962 | 2572848    | 21.828 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.180 | 2446434    | 22.413 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

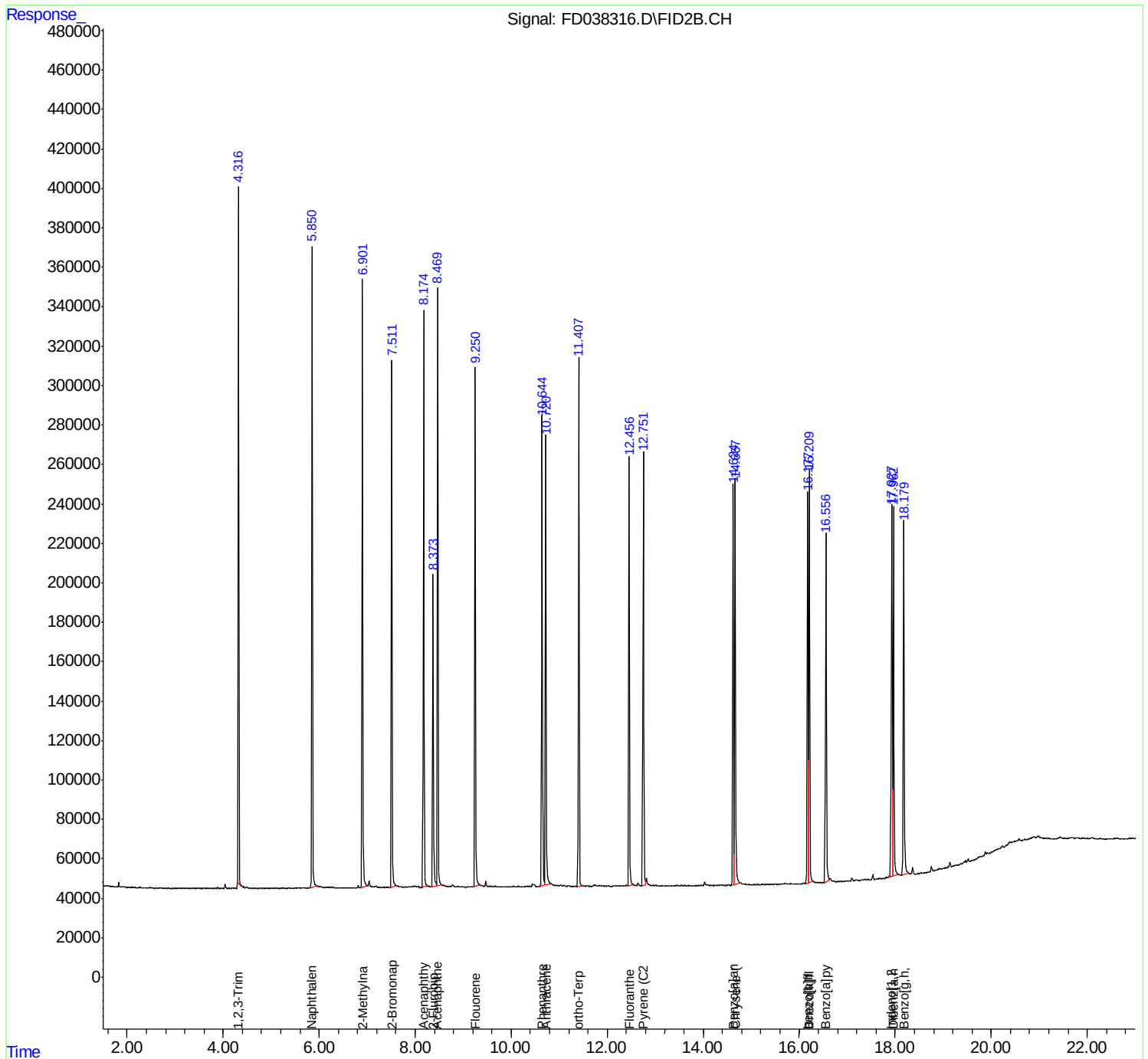
(m)=manual int.

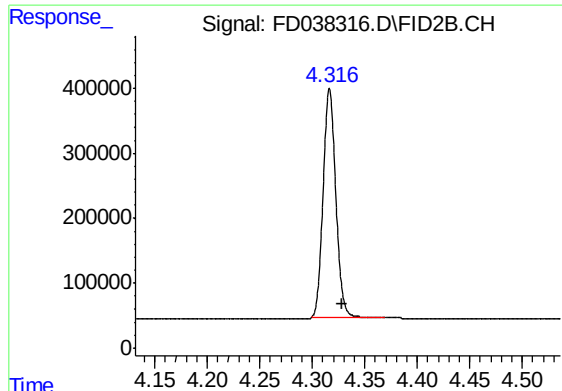
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072221AR\  
Data File : FD038316.D  
Signal(s) : FID2B.CH  
Acq On : 22 Jul 2021 12:17  
Operator : AJ\MA  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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QLast Update : Wed Jul 07 10:27:43 2021  
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

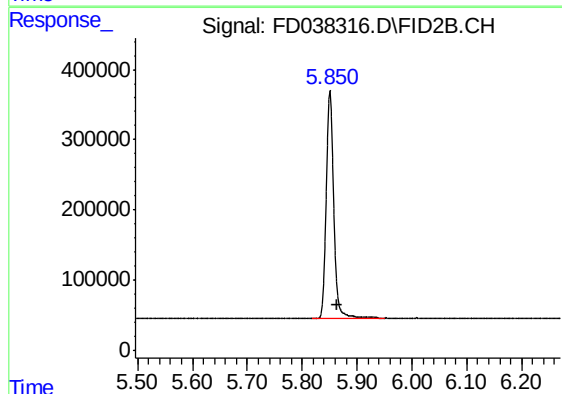




#1 1,2,3-Trimethylbenzene (C10.1)

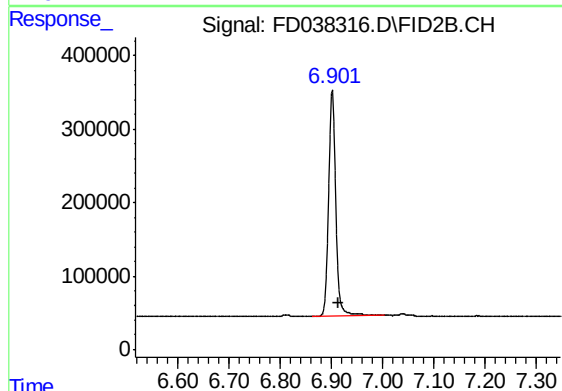
R.T.: 4.317 min  
Delta R.T.: -0.012 min  
Response: 2958373  
Conc: 20.89 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



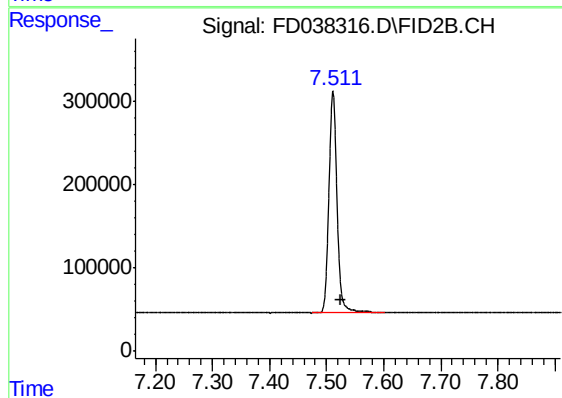
#2 Naphthalene (C11.7)

R.T.: 5.850 min  
Delta R.T.: -0.013 min  
Response: 3079854  
Conc: 20.83 ug/ml



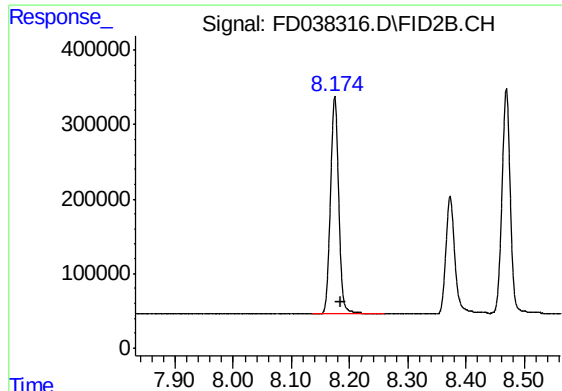
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.901 min  
Delta R.T.: -0.013 min  
Response: 2991000  
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

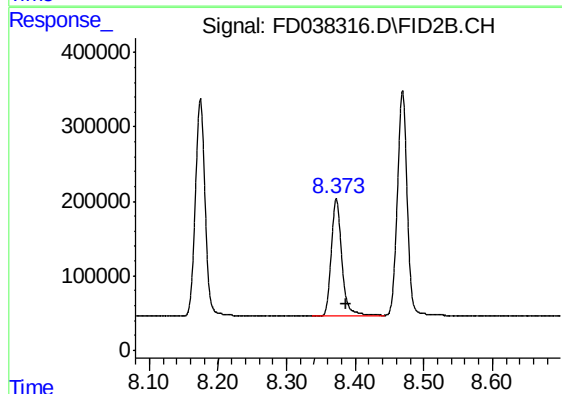
R.T.: 7.511 min  
Delta R.T.: -0.013 min  
Response: 2627553  
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

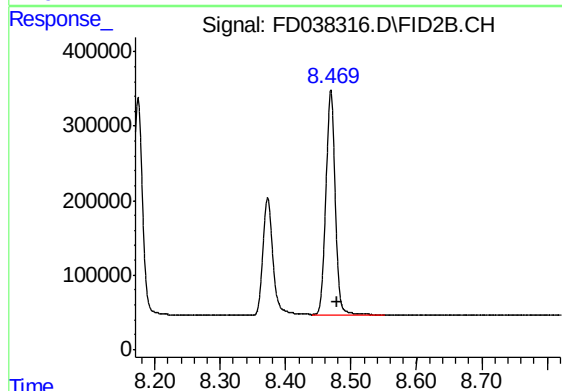
R.T.: 8.174 min  
Delta R.T.: -0.011 min  
Response: 2877493  
Conc: 19.29 ug/ml

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



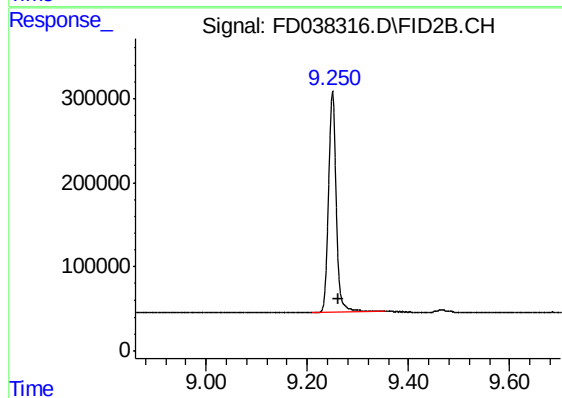
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.373 min  
Delta R.T.: -0.014 min  
Response: 1706271  
Conc: 19.28 ug/ml



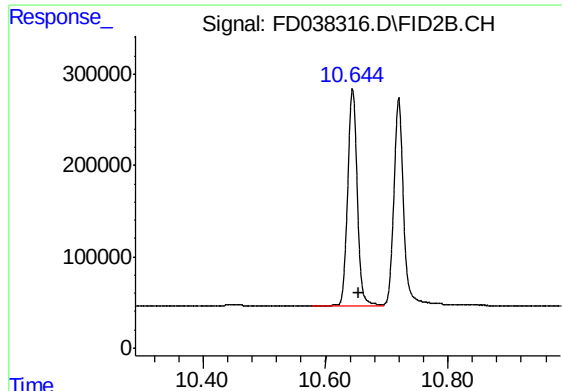
#7 Acenaphthene (C15.5)

R.T.: 8.469 min  
Delta R.T.: -0.010 min  
Response: 3001606  
Conc: 19.39 ug/ml



#8 Flouorene (C16.55)

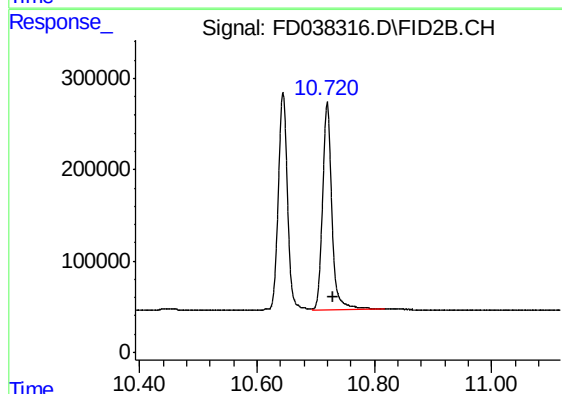
R.T.: 9.250 min  
Delta R.T.: -0.011 min  
Response: 2766429  
Conc: 18.87 ug/ml



#9 Phenanthrene (C19.36)

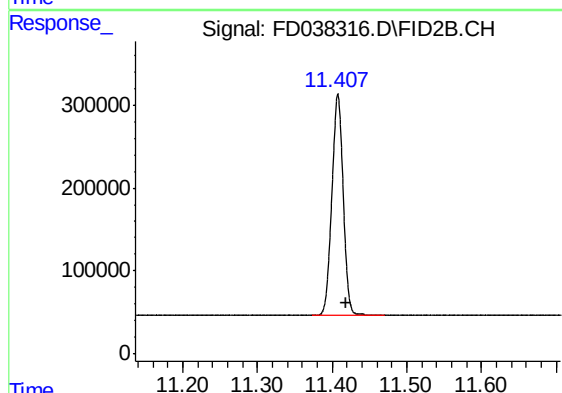
R.T.: 10.644 min  
Delta R.T.: -0.010 min  
Response: 2577791  
Conc: 17.83 ug/ml

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



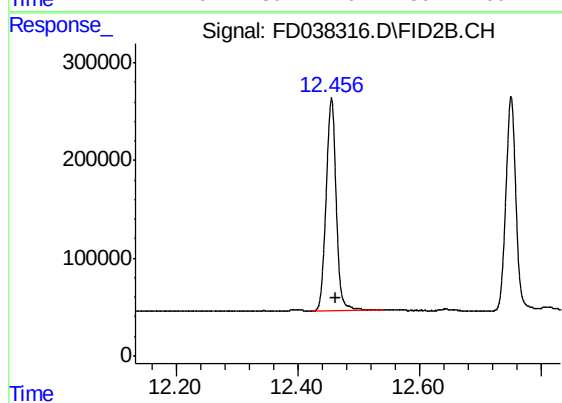
#10 Anthracene (C19.43)

R.T.: 10.720 min  
Delta R.T.: -0.011 min  
Response: 2490191  
Conc: 17.60 ug/ml



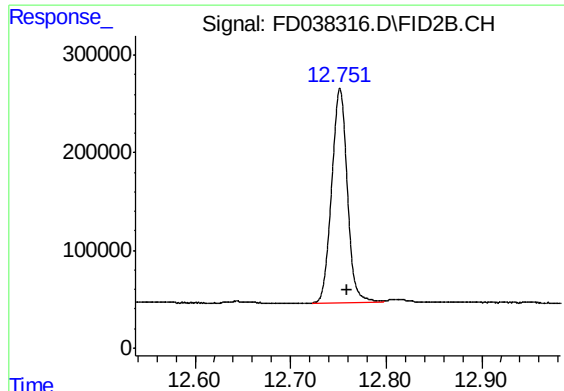
#11 ortho-Terphenyl (SURRE)

R.T.: 11.408 min  
Delta R.T.: -0.011 min  
Response: 2826764  
Conc: 18.65 ug/ml



#12 Fluoranthene (C21.85)

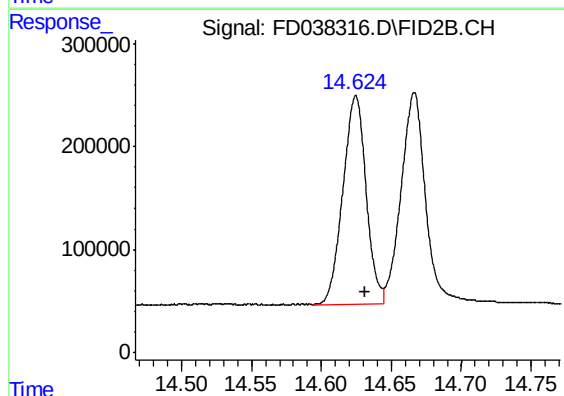
R.T.: 12.456 min  
Delta R.T.: -0.008 min  
Response: 2503020  
Conc: 17.28 ug/ml



#13 Pyrene (C20.8)

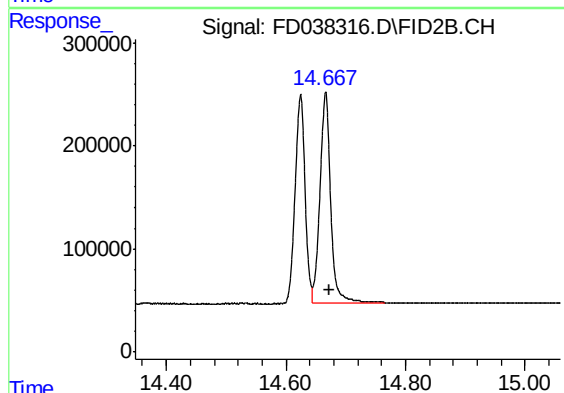
R.T.: 12.752 min  
Delta R.T.: -0.008 min  
Response: 2501074  
Conc: 17.55 ug/ml

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



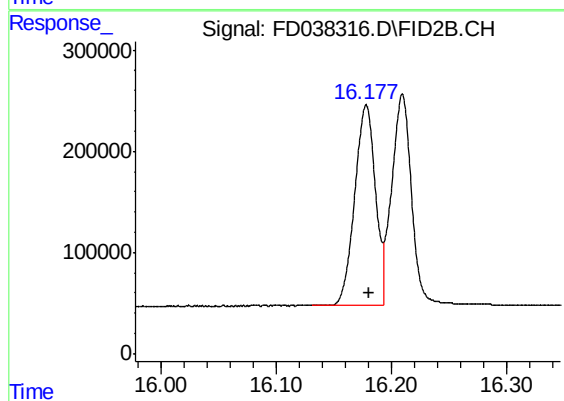
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.625 min  
Delta R.T.: -0.007 min  
Response: 2343318  
Conc: 18.35 ug/ml



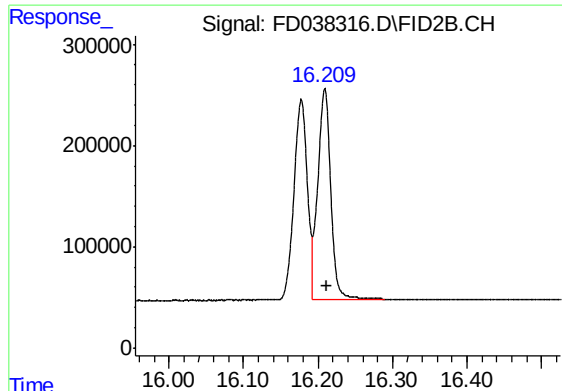
#15 Chrysene (C27.41)

R.T.: 14.667 min  
Delta R.T.: -0.005 min  
Response: 2550948  
Conc: 18.02 ug/ml



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

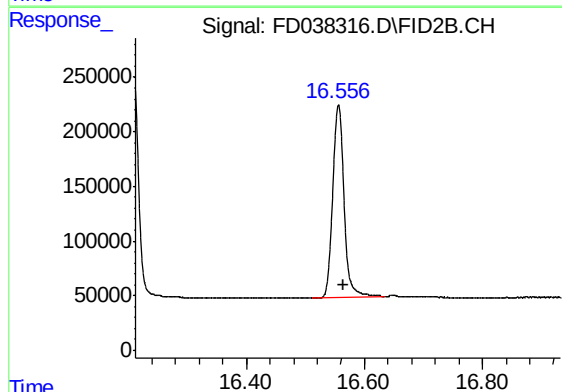
R.T.: 16.178 min  
Delta R.T.: -0.002 min  
Response: 2468214  
Conc: 19.79 ug/ml



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

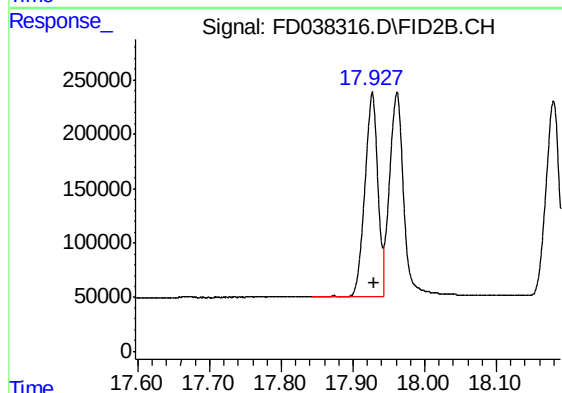
R.T.: 16.209 min  
Delta R.T.: -0.002 min  
Response: 2520561  
Conc: 19.21 ug/ml

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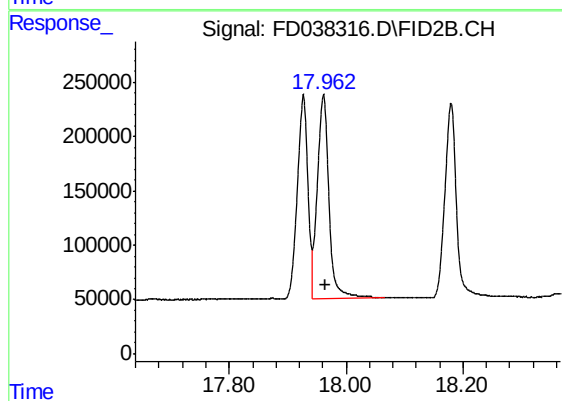
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min  
Delta R.T.: -0.008 min  
Response: 2335301  
Conc: 19.91 ug/ml



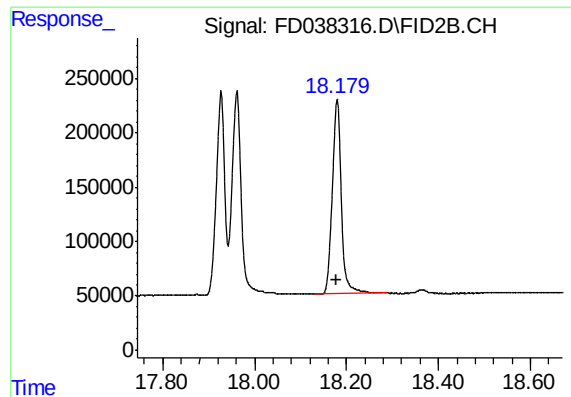
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.927 min  
Delta R.T.: -0.002 min  
Response: 2326886  
Conc: 22.48 ug/ml



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

R.T.: 17.962 min  
Delta R.T.: -0.004 min  
Response: 2572848  
Conc: 21.83 ug/ml



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

R.T.: 18.180 min  
Delta R.T.: 0.002 min  
Response: 2446434  
Conc: 22.41 ug/ml

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