

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041621AR\  
 Data File : FD036940.D  
 Signal(s) : FID2B.CH  
 Acq On : 15 Apr 2021 21:44  
 Operator : DD\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: Apr 16 02:41:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 11:18:39 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...      | 7.584  | 2397096    | 17.044 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 34.09%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.444  | 1528775    | 16.286 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 32.57%       |
| 11) S ortho-Terphenyl (SURR)       | 11.485 | 2431679    | 15.921 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 31.84%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.385  | 2686694    | 18.329 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.921  | 2759600    | 17.559 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.973  | 2690186    | 17.117 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.247  | 2492448    | 16.634 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.543  | 2579493    | 16.617 ug/ml |
| 8) T Flouorene (C16.55)            | 9.323  | 2422045    | 16.087 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.717 | 2269106    | 15.481 ug/ml |
| 10) T Anthracene (C19.43)          | 10.791 | 2197774    | 15.181 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.526 | 2141401    | 15.253 ug/ml |
| 13) T Pyrene (C20.8)               | 12.823 | 2097093    | 15.285 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.692 | 1966467    | 16.559 ug/ml |
| 15) T Chrysene (C27.41)            | 14.734 | 2031648    | 16.800 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.241 | 2067773    | 18.844 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.272 | 2001865    | 18.833 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.618 | 1924229    | 19.308 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.981 | 2026532    | 20.161 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.021 | 2023884    | 20.072 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.235 | 2072552    | 20.455 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

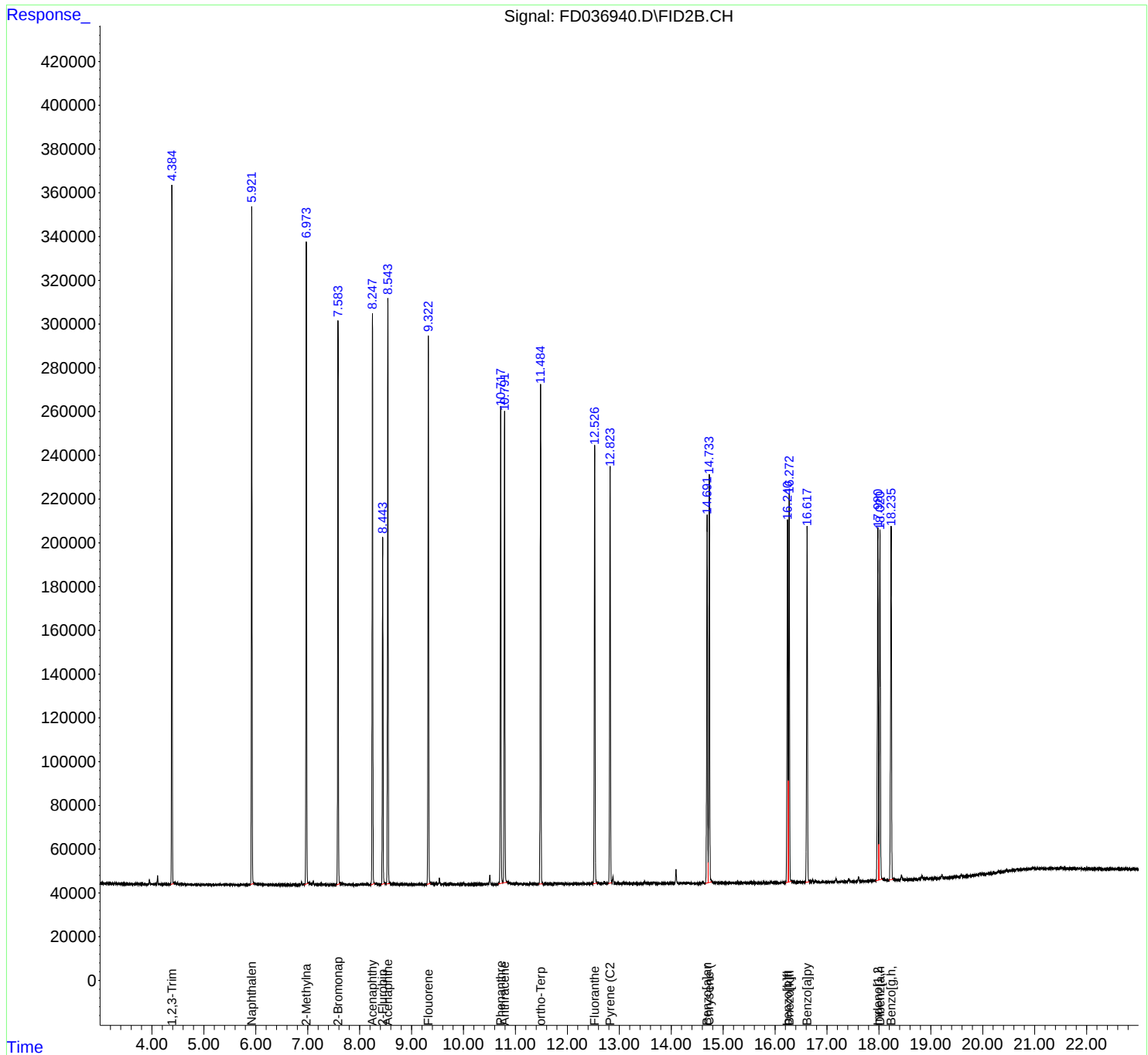
(m)=manual int.

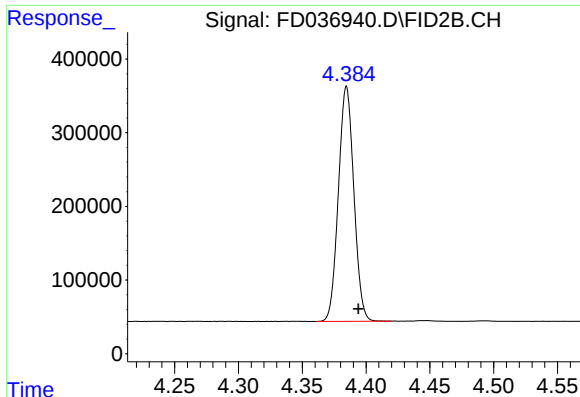
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041621AR\  
Data File : FD036940.D  
Signal(s) : FID2B.CH  
Acq On : 15 Apr 2021 21:44  
Operator : DD\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Apr 16 02:41:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032321.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 24 11:18:39 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

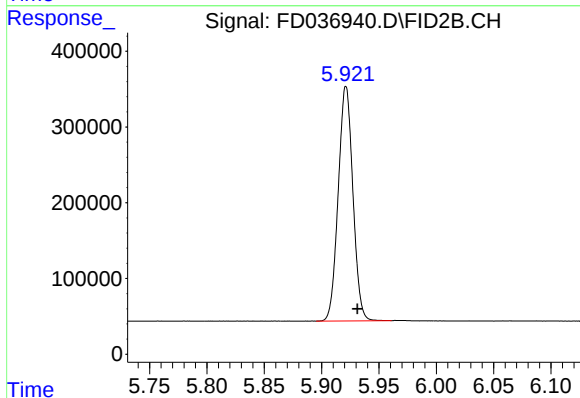




#1 1,2,3-Trimethylbenzene (C10.1)

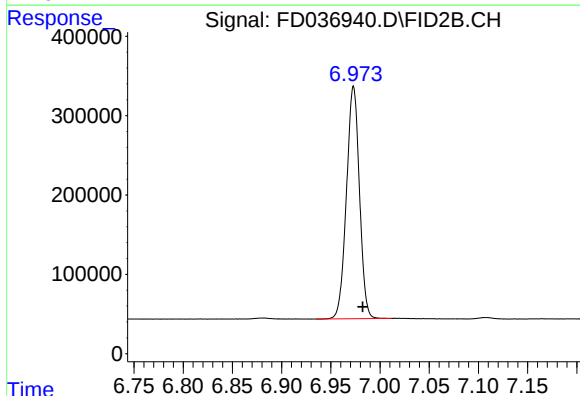
R.T.: 4.385 min  
Delta R.T.: -0.009 min  
Response: 2686694  
Conc: 18.33 ug/ml

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



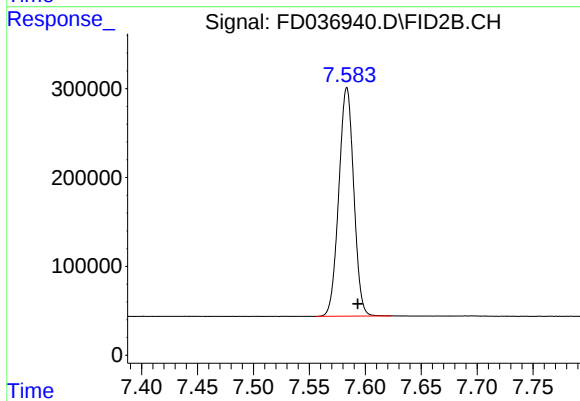
#2 Naphthalene (C11.7)

R.T.: 5.921 min  
Delta R.T.: -0.010 min  
Response: 2759600  
Conc: 17.56 ug/ml



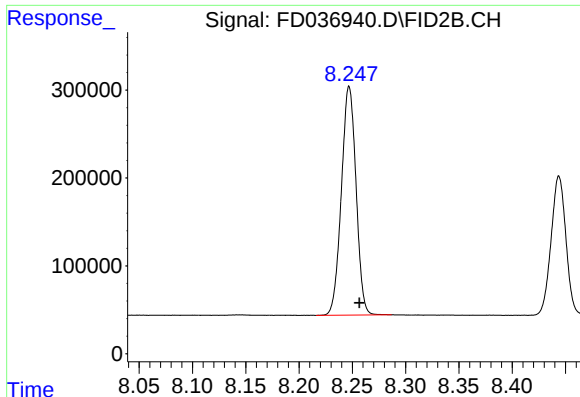
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min  
Delta R.T.: -0.009 min  
Response: 2690186  
Conc: 17.12 ug/ml



#4 2-Bromonaphthalene (SURR)

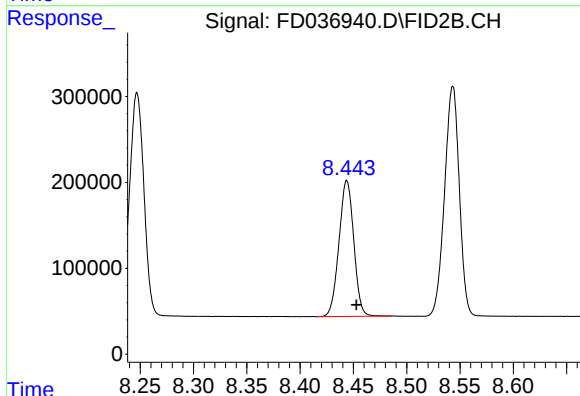
R.T.: 7.584 min  
Delta R.T.: -0.010 min  
Response: 2397096  
Conc: 17.04 ug/ml



#5 Acenaphthylene (C15.06)

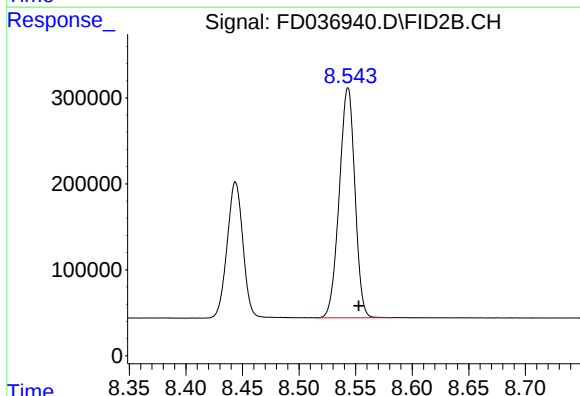
R.T.: 8.247 min  
Delta R.T.: -0.010 min  
Response: 2492448  
Conc: 16.63 ug/ml

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



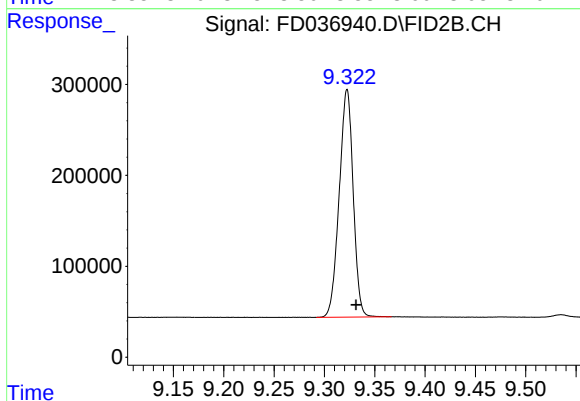
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min  
Delta R.T.: -0.009 min  
Response: 1528775  
Conc: 16.29 ug/ml



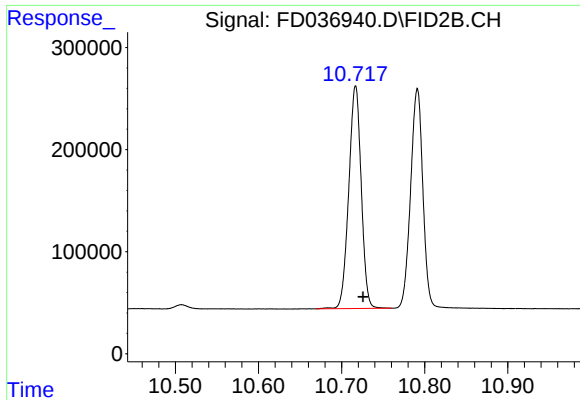
#7 Acenaphthene (C15.5)

R.T.: 8.543 min  
Delta R.T.: -0.009 min  
Response: 2579493  
Conc: 16.62 ug/ml



#8 Flouorene (C16.55)

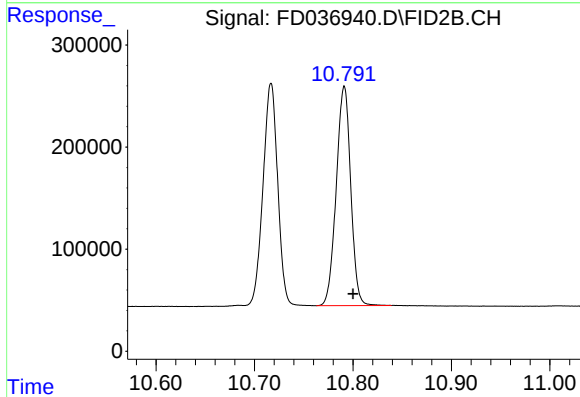
R.T.: 9.323 min  
Delta R.T.: -0.009 min  
Response: 2422045  
Conc: 16.09 ug/ml



#9 Phenanthrene (C19.36)

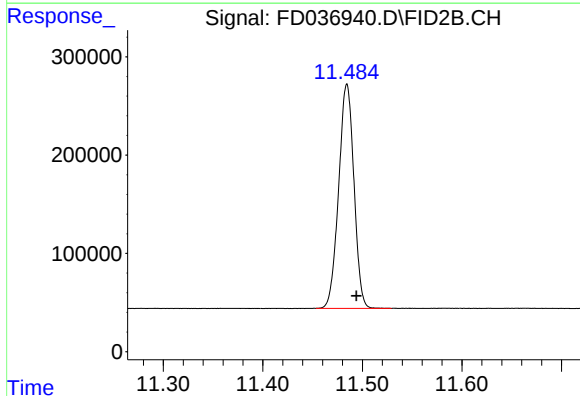
R.T.: 10.717 min  
Delta R.T.: -0.009 min  
Response: 2269106  
Conc: 15.48 ug/ml

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



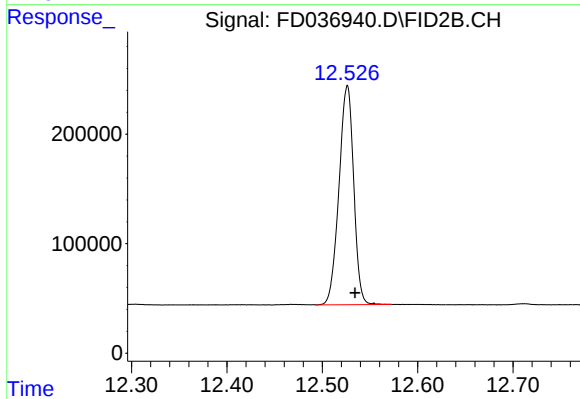
#10 Anthracene (C19.43)

R.T.: 10.791 min  
Delta R.T.: -0.009 min  
Response: 2197774  
Conc: 15.18 ug/ml



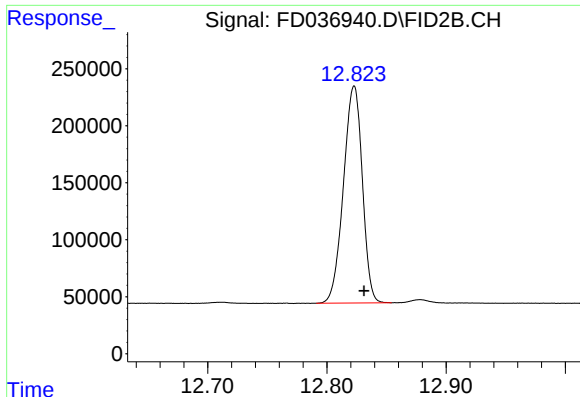
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min  
Delta R.T.: -0.009 min  
Response: 2431679  
Conc: 15.92 ug/ml



#12 Fluoranthene (C21.85)

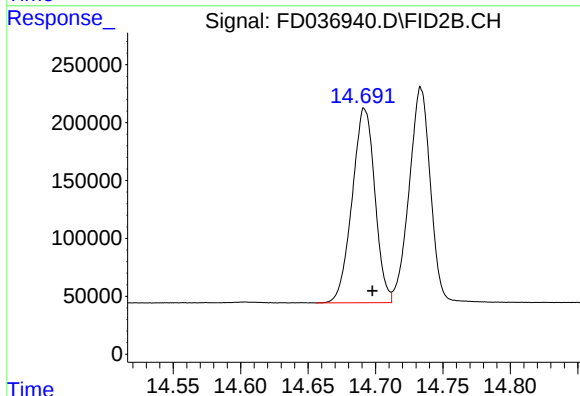
R.T.: 12.526 min  
Delta R.T.: -0.008 min  
Response: 2141401  
Conc: 15.25 ug/ml



#13 Pyrene (C20.8)

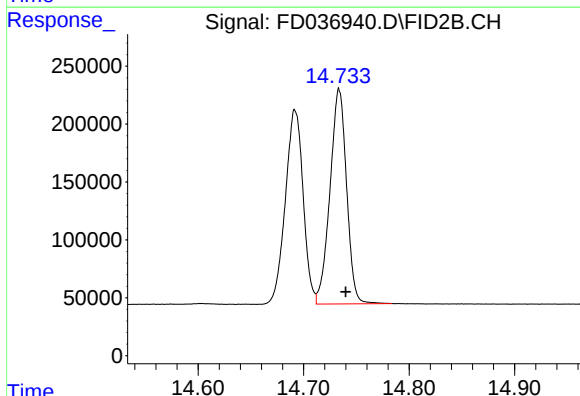
R.T.: 12.823 min  
Delta R.T.: -0.008 min  
Response: 2097093  
Conc: 15.28 ug/ml

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



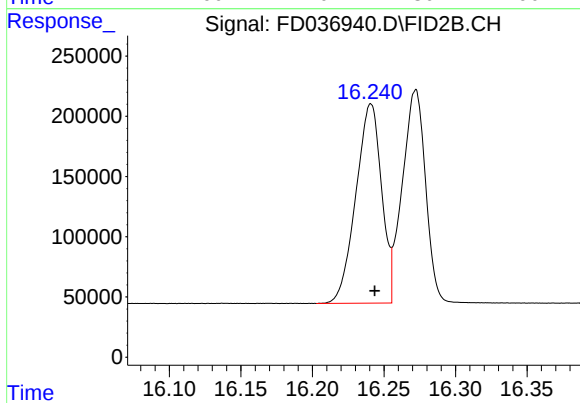
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min  
Delta R.T.: -0.006 min  
Response: 1966467  
Conc: 16.56 ug/ml



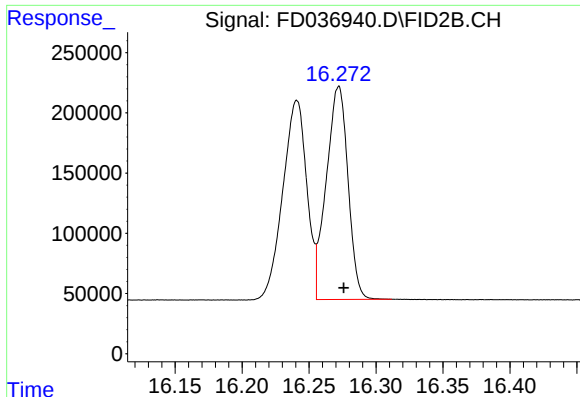
#15 Chrysene (C27.41)

R.T.: 14.734 min  
Delta R.T.: -0.006 min  
Response: 2031648  
Conc: 16.80 ug/ml



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

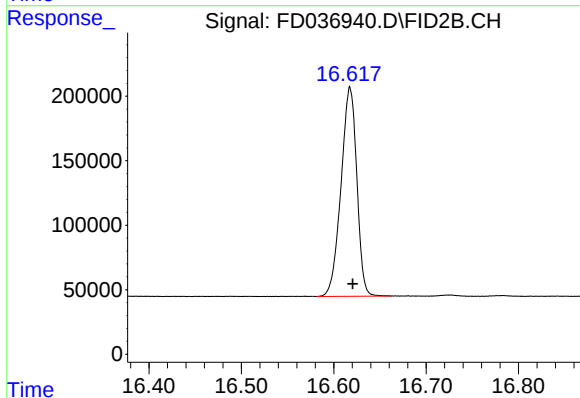
R.T.: 16.241 min  
Delta R.T.: -0.003 min  
Response: 2067773  
Conc: 18.84 ug/ml



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

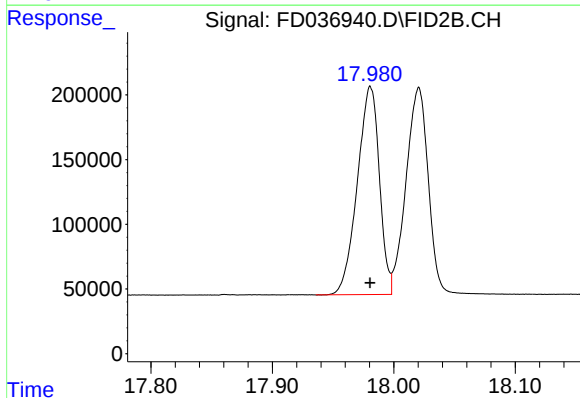
R.T.: 16.272 min  
Delta R.T.: -0.004 min  
Response: 2001865  
Conc: 18.83 ug/ml

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



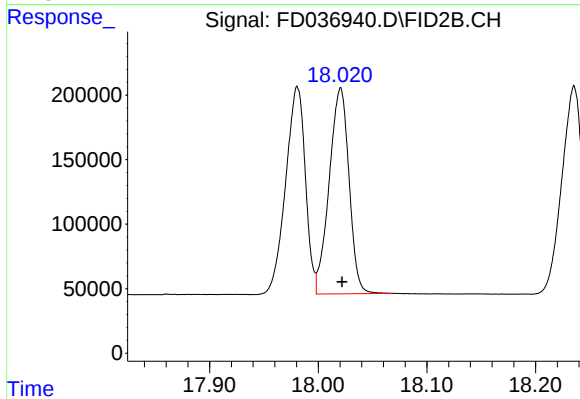
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min  
Delta R.T.: -0.003 min  
Response: 1924229  
Conc: 19.31 ug/ml



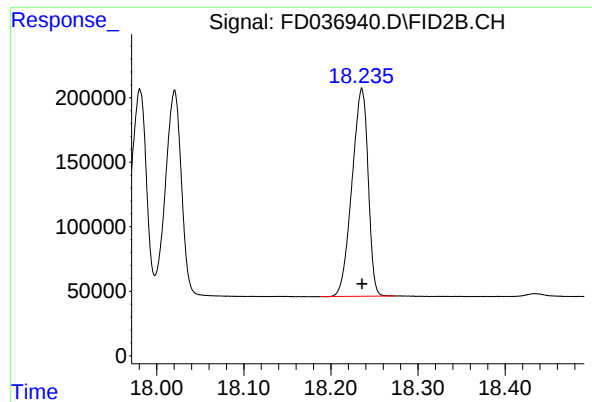
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min  
Delta R.T.: 0.000 min  
Response: 2026532  
Conc: 20.16 ug/ml



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

R.T.: 18.021 min  
Delta R.T.: -0.001 min  
Response: 2023884  
Conc: 20.07 ug/ml



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

R.T.: 18.235 min  
Delta R.T.: 0.000 min  
Response: 2072552  
Conc: 20.46 ug/ml

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