

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD032521AR\  
 Data File : FD036558.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Mar 2021 5:40  
 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: sample.E  
 Quant Time: Mar 26 07:10:33 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...      | 7.592  | 3060257    | 21.759 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 43.52%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.453  | 2040086    | 21.733 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 43.47%       |
| 11) S ortho-Terphenyl (SURR)       | 11.493 | 3267475    | 21.394 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 42.79%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.394  | 3199761    | 21.829 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.930  | 3421221    | 21.769 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 6.982  | 3417988    | 21.748 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.257  | 3255506    | 21.726 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.552  | 3369496    | 21.706 ug/ml |
| 8) T Flouorene (C16.55)            | 9.331  | 3256119    | 21.627 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.726 | 3119560    | 21.284 ug/ml |
| 10) T Anthracene (C19.43)          | 10.799 | 3028299    | 20.918 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.535 | 2951173    | 21.020 ug/ml |
| 13) T Pyrene (C20.8)               | 12.831 | 2869276    | 20.913 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.699 | 2447402    | 20.608 ug/ml |
| 15) T Chrysene (C27.41)            | 14.740 | 2517228    | 20.815 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.245 | 2241174    | 20.424 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.277 | 2182422    | 20.531 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.621 | 2022637    | 20.295 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 17.982 | 2043689    | 20.331 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.022 | 2119441    | 21.019 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.237 | 2083563    | 20.564 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

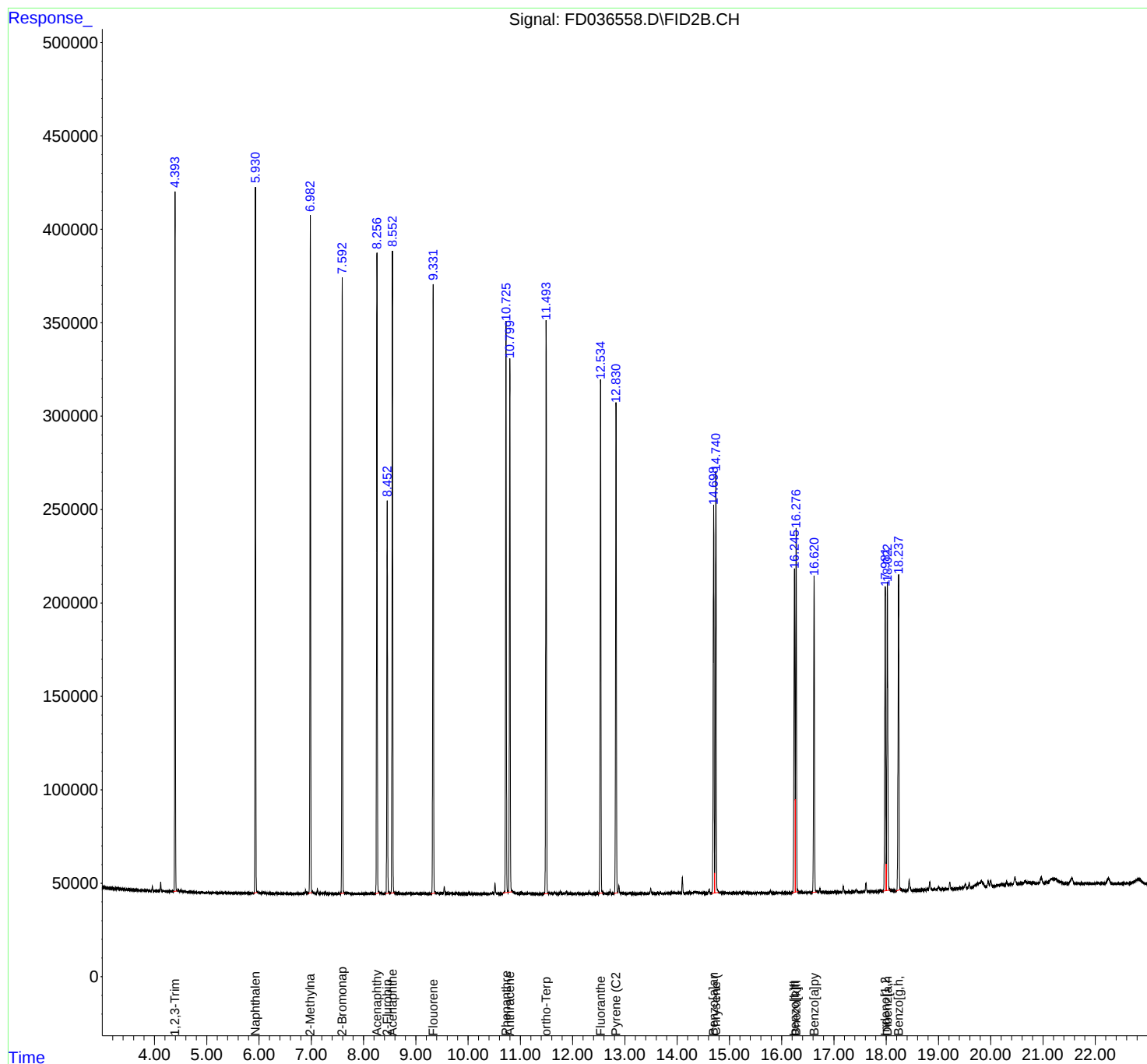
(m)=manual int.

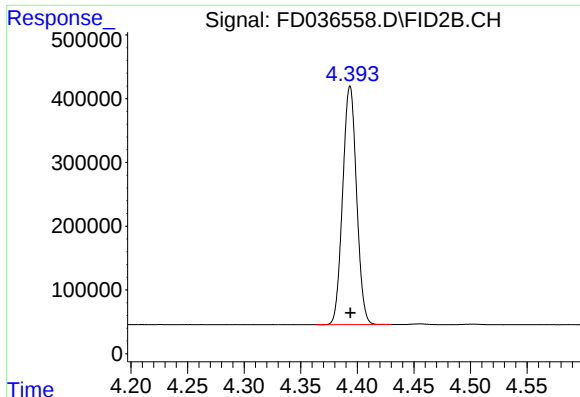
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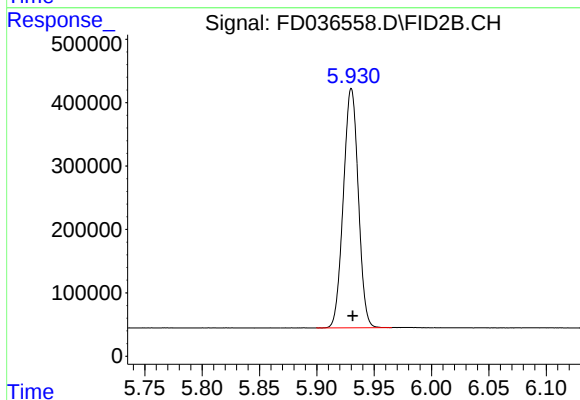




#1 1,2,3-Trimethylbenzene (C10.1)

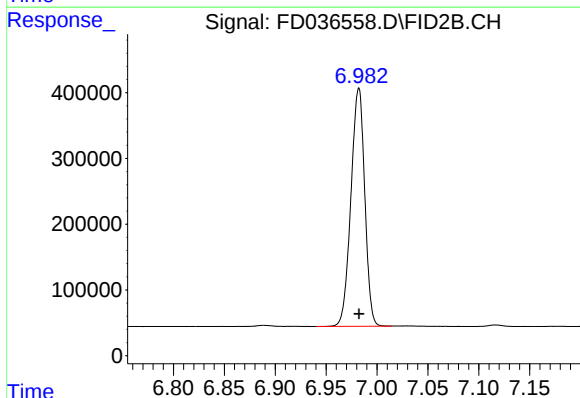
R.T.: 4.394 min  
Delta R.T.: 0.000 min  
Response: 3199761  
Conc: 21.83 ug/ml

Instrument :  
FID\_D  
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20 PPM AROMATIC HC STD



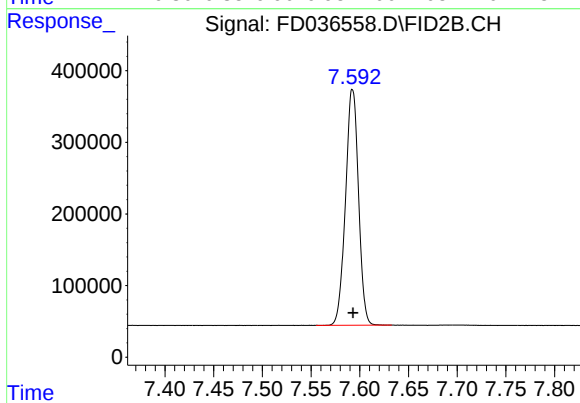
#2 Naphthalene (C11.7)

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 3421221  
Conc: 21.77 ug/ml



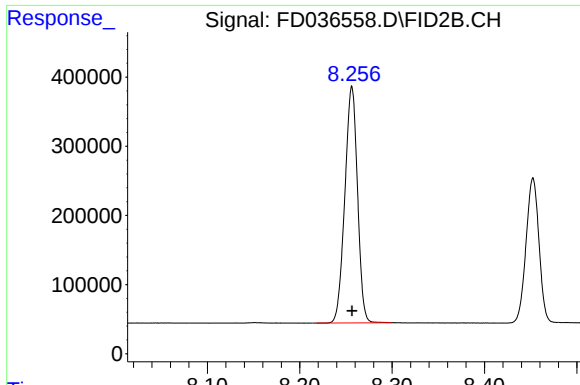
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 3417988  
Conc: 21.75 ug/ml



#4 2-Bromonaphthalene (SURR)

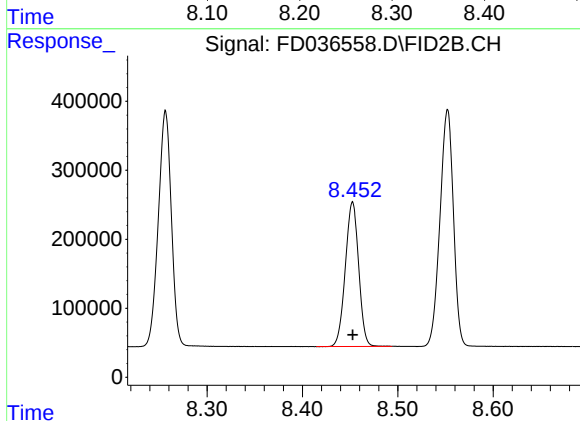
R.T.: 7.592 min  
Delta R.T.: 0.000 min  
Response: 3060257  
Conc: 21.76 ug/ml



#5 Acenaphthylene (C15.06)

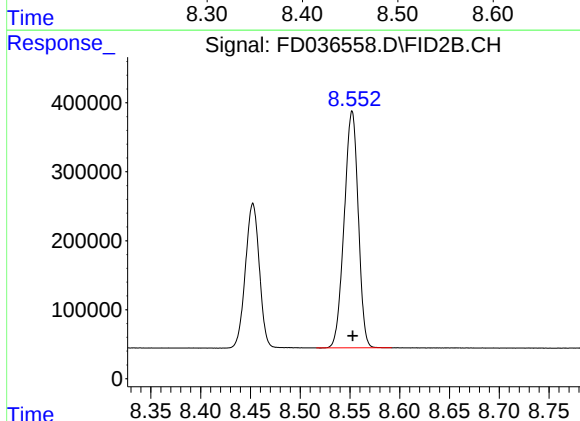
R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 3255506  
Conc: 21.73 ug/ml

Instrument :  
FID\_D  
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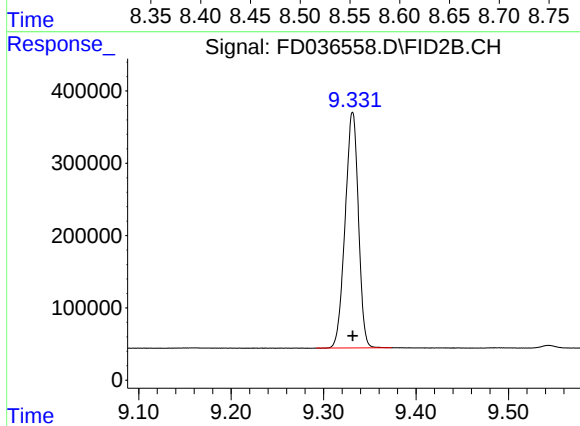
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 2040086  
Conc: 21.73 ug/ml



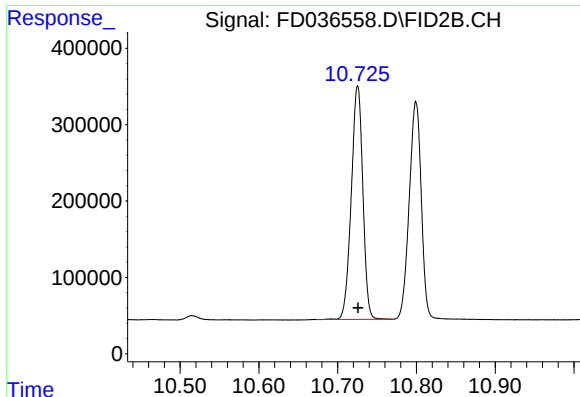
#7 Acenaphthene (C15.5)

R.T.: 8.552 min  
Delta R.T.: 0.000 min  
Response: 3369496  
Conc: 21.71 ug/ml



#8 Flouorene (C16.55)

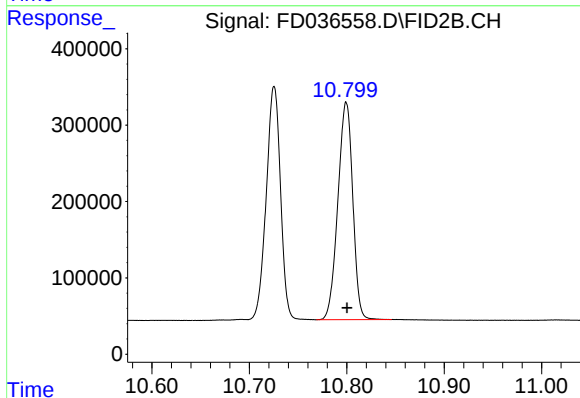
R.T.: 9.331 min  
Delta R.T.: 0.000 min  
Response: 3256119  
Conc: 21.63 ug/ml



#9 Phenanthrene (C19.36)

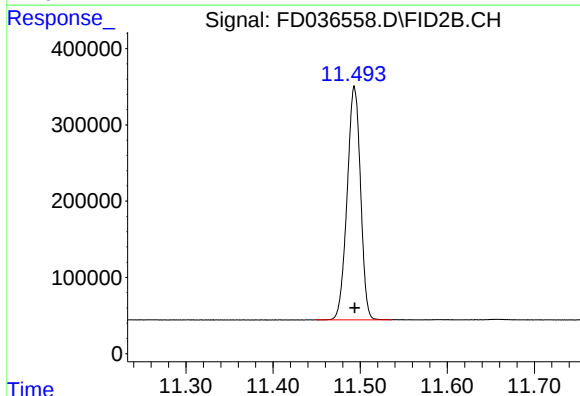
R.T.: 10.726 min  
Delta R.T.: 0.000 min  
Response: 3119560  
Conc: 21.28 ug/ml

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



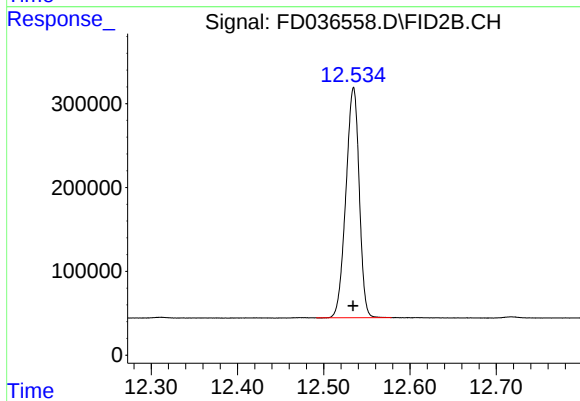
#10 Anthracene (C19.43)

R.T.: 10.799 min  
Delta R.T.: 0.000 min  
Response: 3028299  
Conc: 20.92 ug/ml



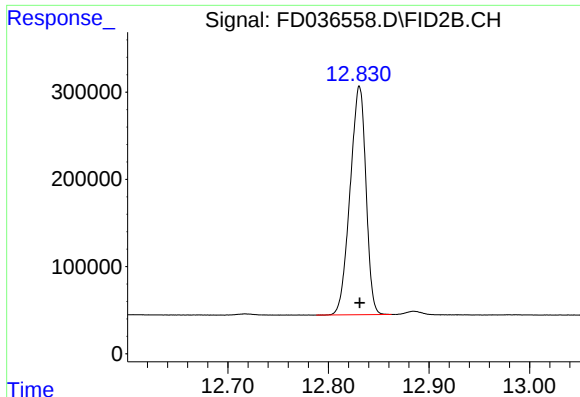
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min  
Delta R.T.: 0.000 min  
Response: 3267475  
Conc: 21.39 ug/ml



#12 Fluoranthene (C21.85)

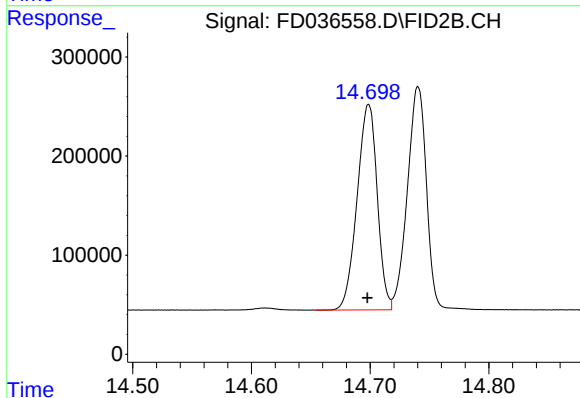
R.T.: 12.535 min  
Delta R.T.: 0.000 min  
Response: 2951173  
Conc: 21.02 ug/ml



#13 Pyrene (C20.8)

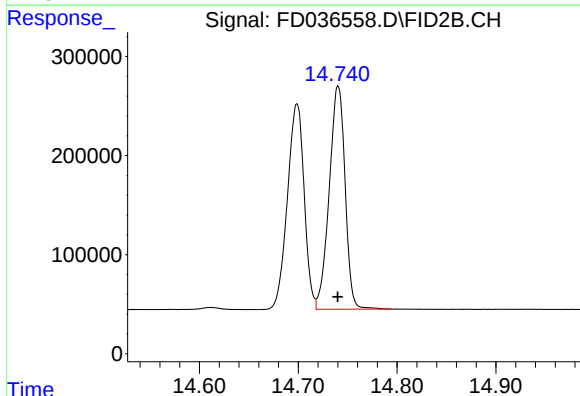
R.T.: 12.831 min  
Delta R.T.: 0.000 min  
Response: 2869276  
Conc: 20.91 ug/ml

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



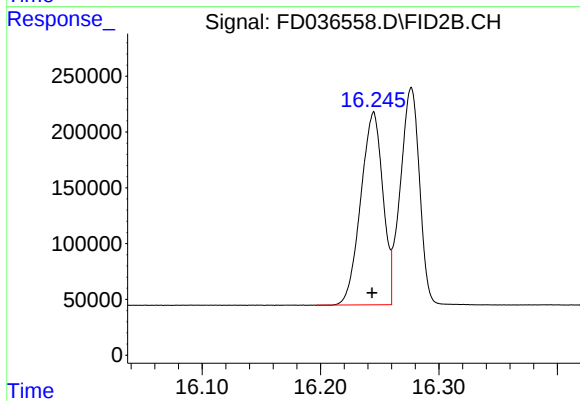
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min  
Delta R.T.: 0.001 min  
Response: 2447402  
Conc: 20.61 ug/ml



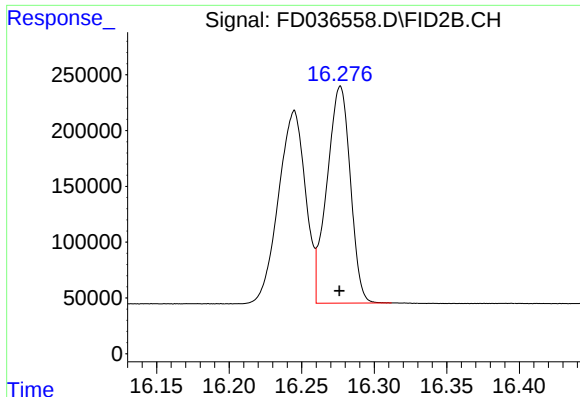
#15 Chrysene (C27.41)

R.T.: 14.740 min  
Delta R.T.: 0.000 min  
Response: 2517228  
Conc: 20.82 ug/ml



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

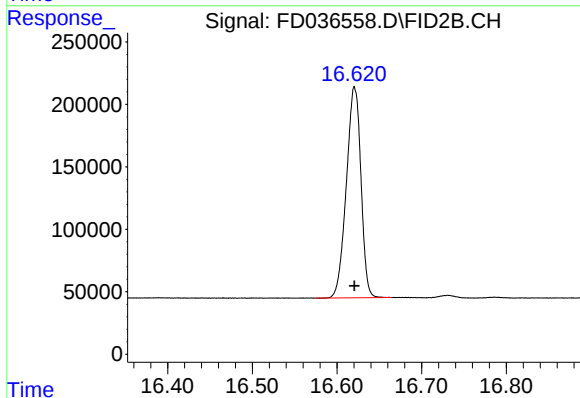
R.T.: 16.245 min  
Delta R.T.: 0.001 min  
Response: 2241174  
Conc: 20.42 ug/ml



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

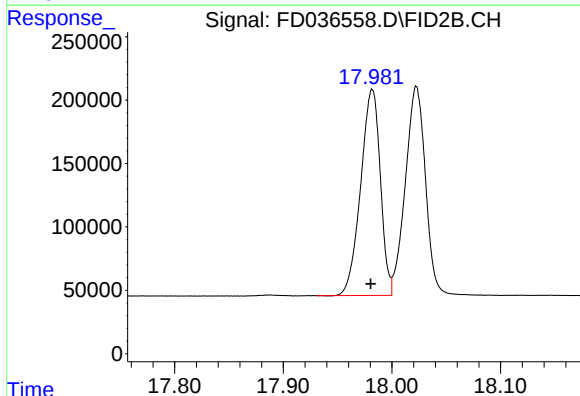
R.T.: 16.277 min  
Delta R.T.: 0.000 min  
Response: 2182422  
Conc: 20.53 ug/ml

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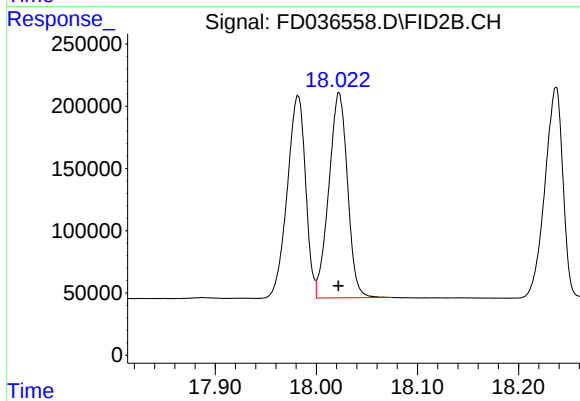
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.621 min  
Delta R.T.: 0.000 min  
Response: 2022637  
Conc: 20.30 ug/ml



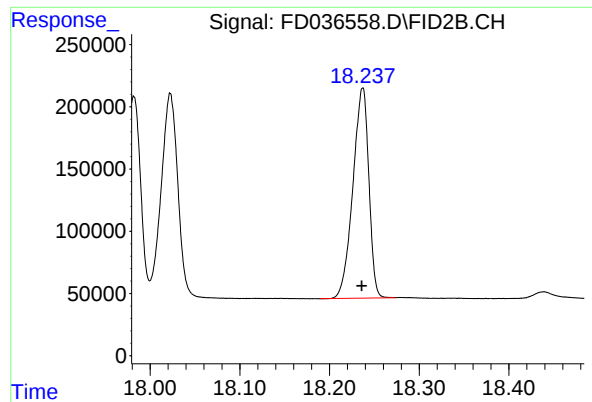
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min  
Delta R.T.: 0.001 min  
Response: 2043689  
Conc: 20.33 ug/ml



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

R.T.: 18.022 min  
Delta R.T.: 0.000 min  
Response: 2119441  
Conc: 21.02 ug/ml



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

R.T.: 18.237 min  
Delta R.T.: 0.001 min  
Response: 2083563  
Conc: 20.56 ug/ml

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