

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112321AR\  
 Data File : FD039636.D  
 Signal(s) : FID2B.CH  
 Acq On : 24 Nov 2021 8:15  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 24 08:34:13 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 112321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 24 04:30:20 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...      | 7.744  | 2255188    | 20.157 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 40.31%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.614  | 1519198    | 20.257 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.51%       |
| 11) S ortho-Terphenyl (SURR)       | 11.656 | 2460681    | 19.896 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.79%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.533  | 2438133    | 19.685 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.080  | 2565159    | 20.059 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.134  | 2593571    | 19.962 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.415  | 2411447    | 20.083 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.711  | 2576439    | 20.231 ug/ml |
| 8) T Fluorene (C16.55)             | 9.494  | 2479701    | 20.187 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.895 | 2409821    | 20.091 ug/ml |
| 10) T Anthracene (C19.43)          | 10.971 | 2390354    | 19.957 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.712 | 2341483    | 19.642 ug/ml |
| 13) T Pyrene (C20.8)               | 13.010 | 2262182    | 19.896 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.884 | 1945008    | 19.899 ug/ml |
| 15) T Chrysene (C27.41)            | 14.927 | 2240368    | 19.679 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.469 | 2103575    | 21.383 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.469 | 2103575    | 19.878 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.818 | 1959421    | 20.331 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.221 | 2088694    | 22.407 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.221 | 2088694    | 20.393 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.438 | 1961518    | 19.844 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

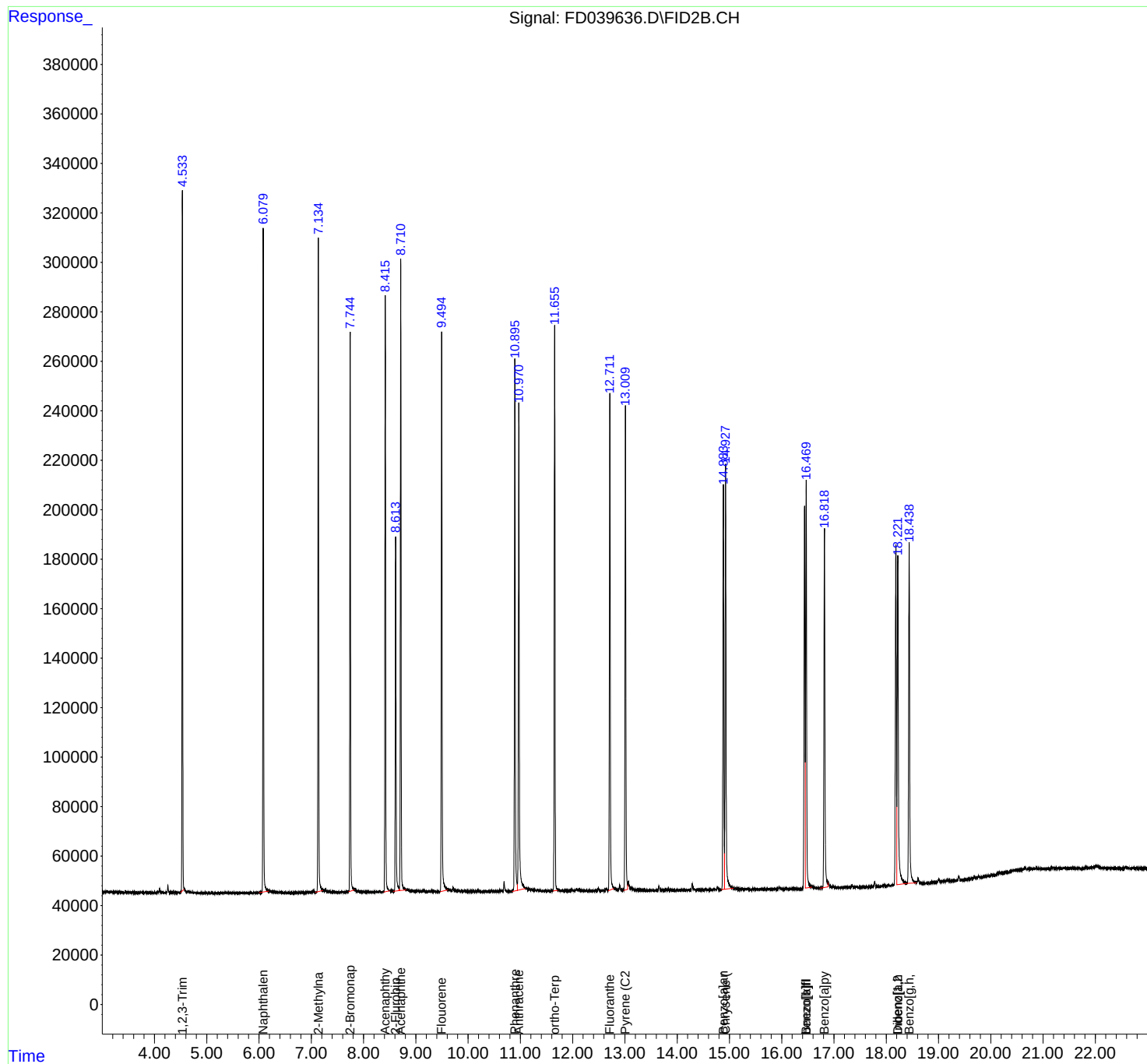
(m)=manual int.

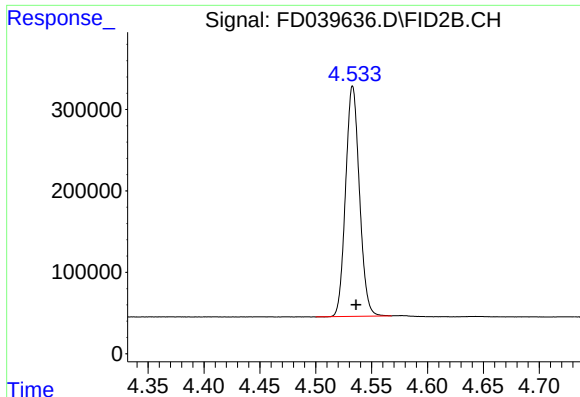
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD112321AR\  
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Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm

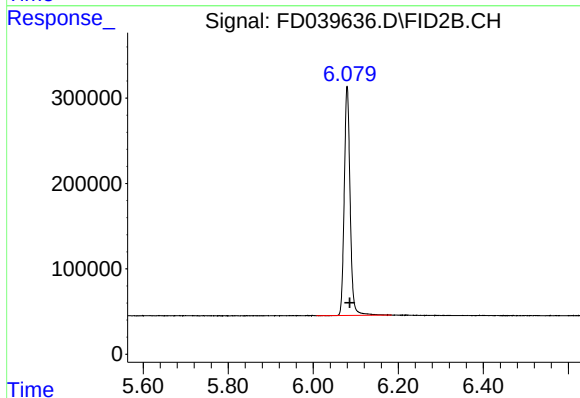




#1 1,2,3-Trimethylbenzene (C10.1)

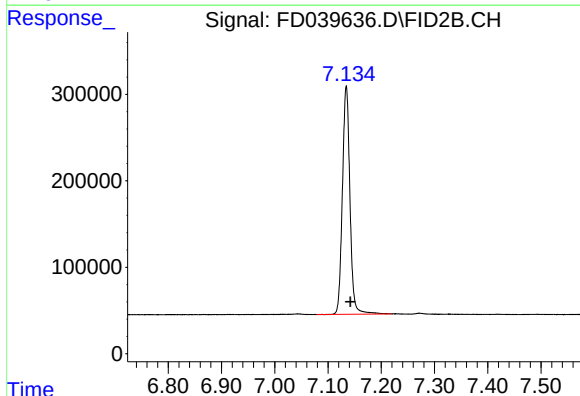
R.T.: 4.533 min  
Delta R.T.: -0.003 min  
Response: 2438133  
Conc: 19.68 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



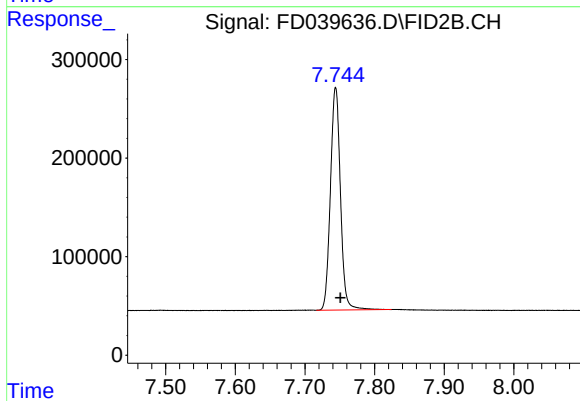
#2 Naphthalene (C11.7)

R.T.: 6.080 min  
Delta R.T.: -0.006 min  
Response: 2565159  
Conc: 20.06 ug/ml



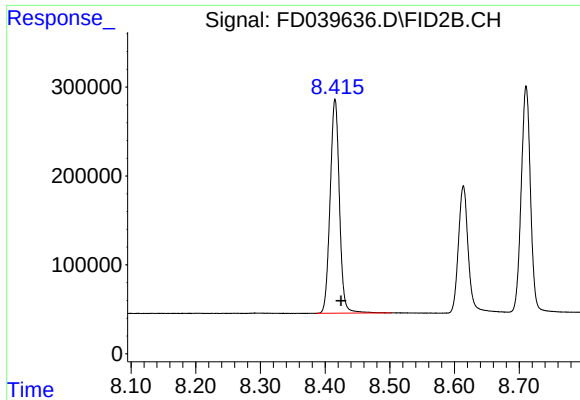
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.134 min  
Delta R.T.: -0.008 min  
Response: 2593571  
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

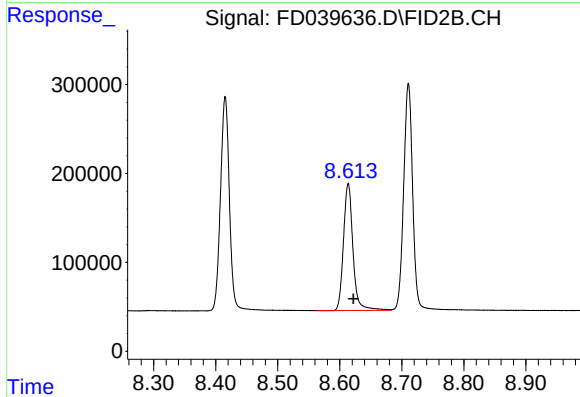
R.T.: 7.744 min  
Delta R.T.: -0.007 min  
Response: 2255188  
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

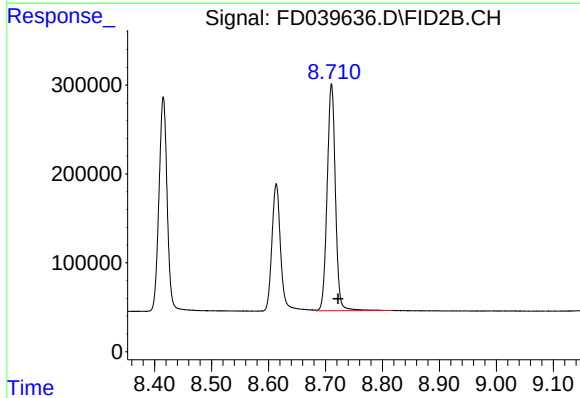
R.T.: 8.415 min  
Delta R.T.: -0.009 min  
Response: 2411447  
Conc: 20.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



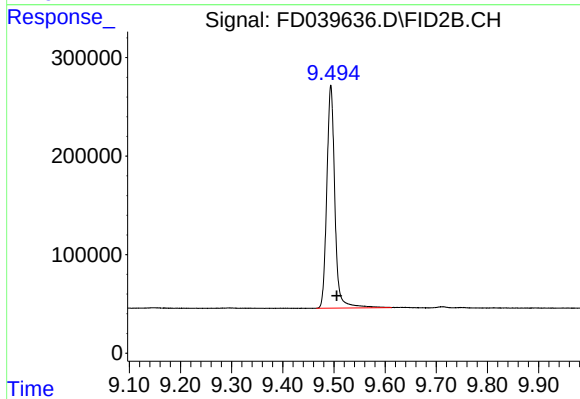
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min  
Delta R.T.: -0.008 min  
Response: 1519198  
Conc: 20.26 ug/ml



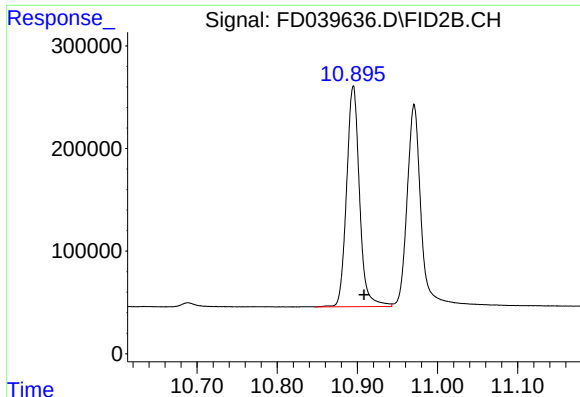
#7 Acenaphthene (C15.5)

R.T.: 8.711 min  
Delta R.T.: -0.012 min  
Response: 2576439  
Conc: 20.23 ug/ml



#8 Flouorene (C16.55)

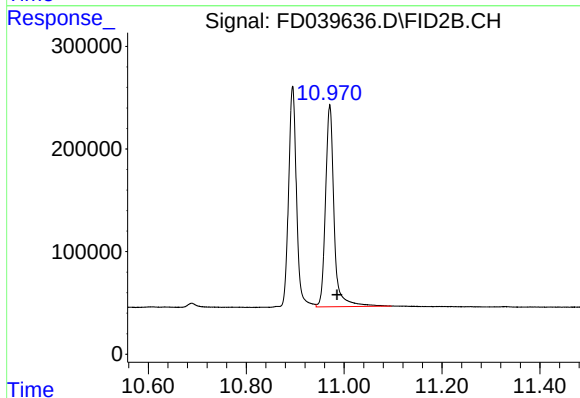
R.T.: 9.494 min  
Delta R.T.: -0.011 min  
Response: 2479701  
Conc: 20.19 ug/ml



#9 Phenanthrene (C19.36)

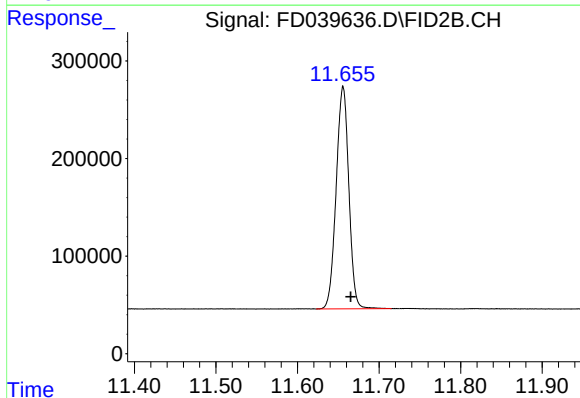
R.T.: 10.895 min  
Delta R.T.: -0.013 min  
Response: 2409821  
Conc: 20.09 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



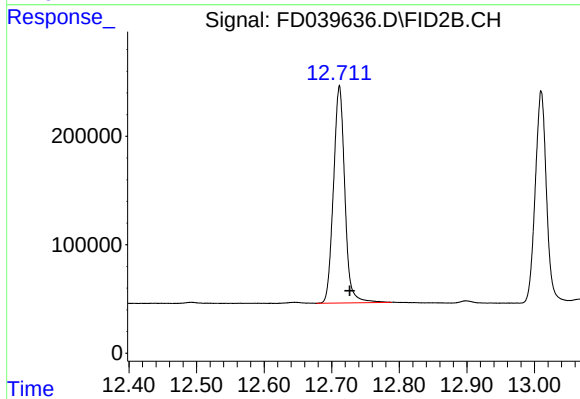
#10 Anthracene (C19.43)

R.T.: 10.971 min  
Delta R.T.: -0.014 min  
Response: 2390354  
Conc: 19.96 ug/ml



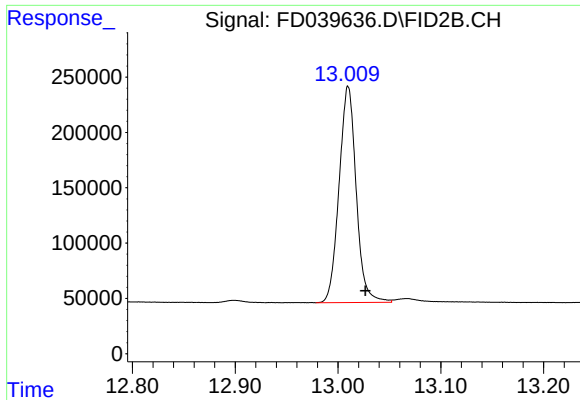
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min  
Delta R.T.: -0.010 min  
Response: 2460681  
Conc: 19.90 ug/ml



#12 Fluoranthene (C21.85)

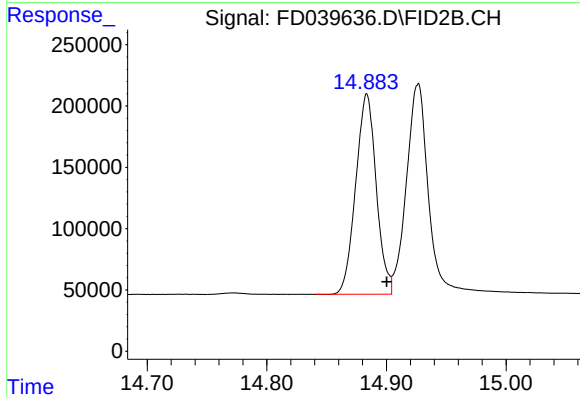
R.T.: 12.712 min  
Delta R.T.: -0.015 min  
Response: 2341483  
Conc: 19.64 ug/ml



#13 Pyrene (C20.8)

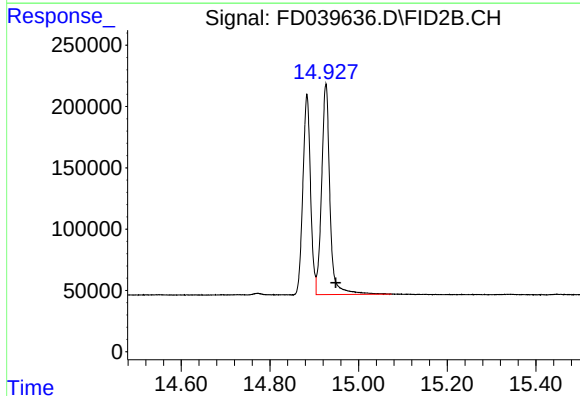
R.T.: 13.010 min  
Delta R.T.: -0.017 min  
Response: 2262182  
Conc: 19.90 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



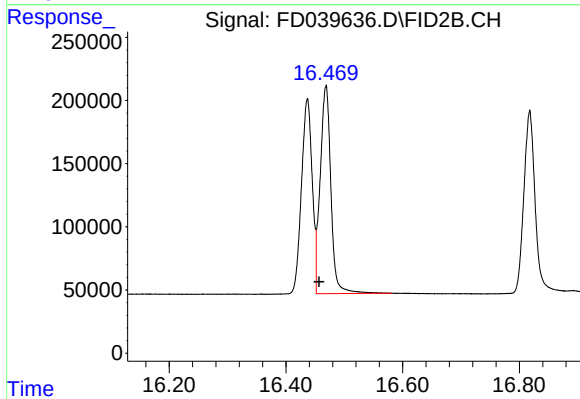
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.884 min  
Delta R.T.: -0.017 min  
Response: 1945008  
Conc: 19.90 ug/ml



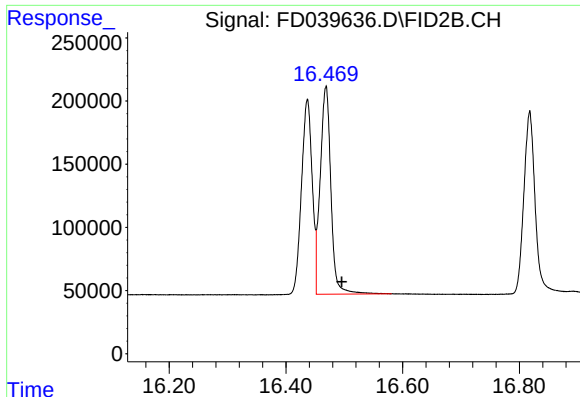
#15 Chrysene (C27.41)

R.T.: 14.927 min  
Delta R.T.: -0.022 min  
Response: 2240368  
Conc: 19.68 ug/ml



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

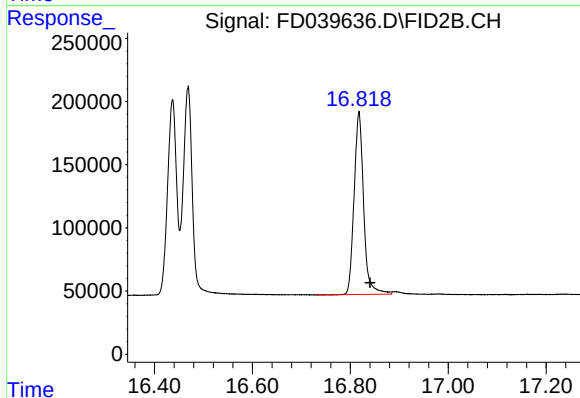
R.T.: 16.469 min  
Delta R.T.: 0.012 min  
Response: 2103575  
Conc: 21.38 ug/ml



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

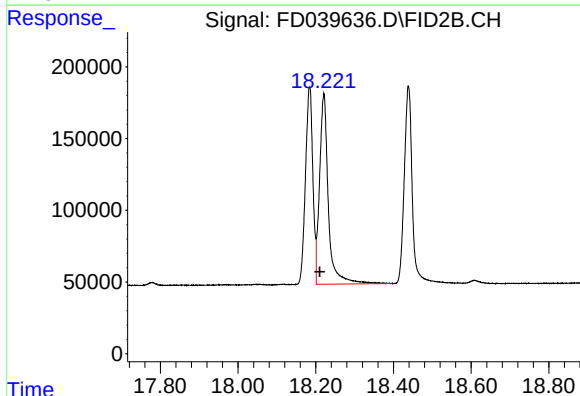
R.T.: 16.469 min  
Delta R.T.: -0.027 min  
Response: 2103575  
Conc: 19.88 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



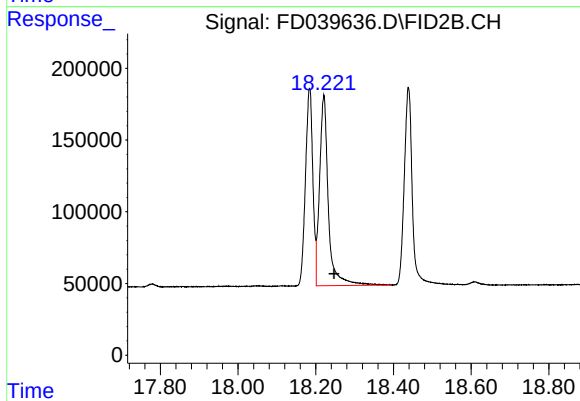
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.818 min  
Delta R.T.: -0.023 min  
Response: 1959421  
Conc: 20.33 ug/ml



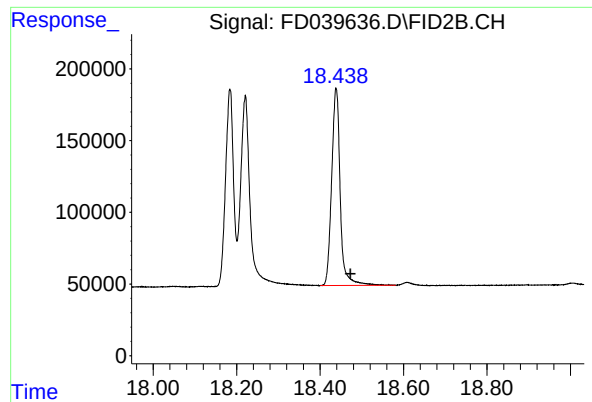
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.221 min  
Delta R.T.: 0.011 min  
Response: 2088694  
Conc: 22.41 ug/ml



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

R.T.: 18.221 min  
Delta R.T.: -0.026 min  
Response: 2088694  
Conc: 20.39 ug/ml



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

R.T.: 18.438 min  
Delta R.T.: -0.034 min  
Response: 1961518  
Conc: 19.84 ug/ml

Instrument :

FID\_D

ClientSampleId :