

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111221AR\  
 Data File : FD039440.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Nov 2021 2:28  
 Operator : AJ\MA  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Nov 13 05:30:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 102621.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 27 09:39:48 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...      | 7.749  | 2381448    | 20.525 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.05%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.618  | 1556845    | 19.419 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 38.84%       |
| 11) S ortho-Terphenyl (SURR)       | 11.662 | 2546906    | 19.968 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.94%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.538  | 2628901    | 21.360 ug/ml |
| 2) T Naphthalene (C11.7)           | 6.085  | 2688558    | 20.744 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.140  | 2697770    | 20.313 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.421  | 2490236    | 20.177 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.716  | 2654752    | 20.352 ug/ml |
| 8) T Flouorene (C16.55)            | 9.499  | 2535907    | 19.585 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.901 | 2444543    | 18.929 ug/ml |
| 10) T Anthracene (C19.43)          | 10.975 | 2006787    | 15.686 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.716 | 2371480    | 18.202 ug/ml |
| 13) T Pyrene (C20.8)               | 13.015 | 2286295    | 18.079 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.888 | 2097005    | 17.729 ug/ml |
| 15) T Chrysene (C27.41)            | 14.931 | 2257954    | 17.951 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.442 | 2183764    | 18.613 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.473 | 2202327    | 18.715 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.822 | 2094285    | 18.400 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.189 | 2121559    | 19.817 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.226 | 2156491    | 20.226 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.445 | 2136855    | 20.249 ug/ml |
| -----                              |        |            |              |

(f)=RT Delta > 1/2 Window

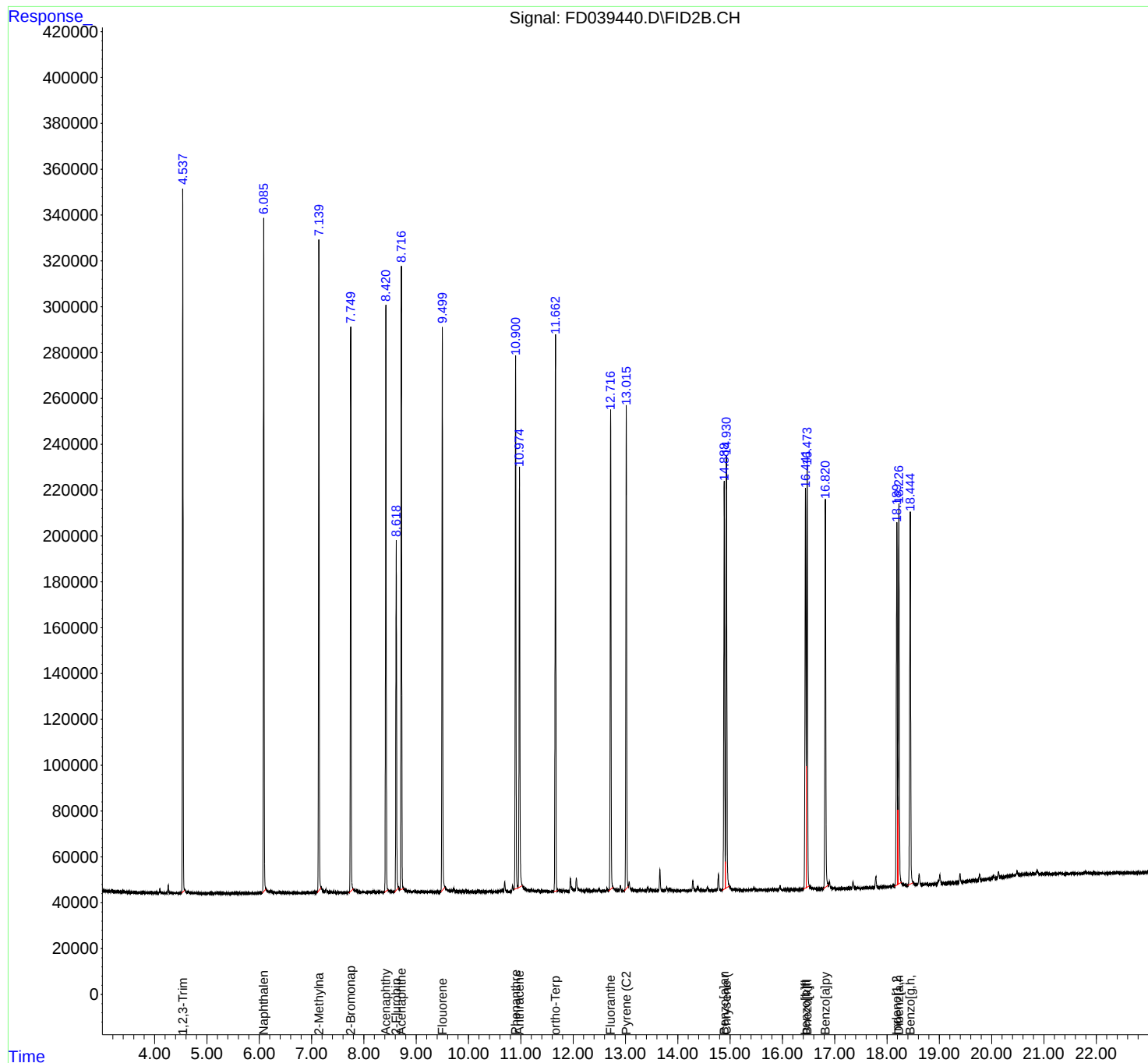
(m)=manual int.

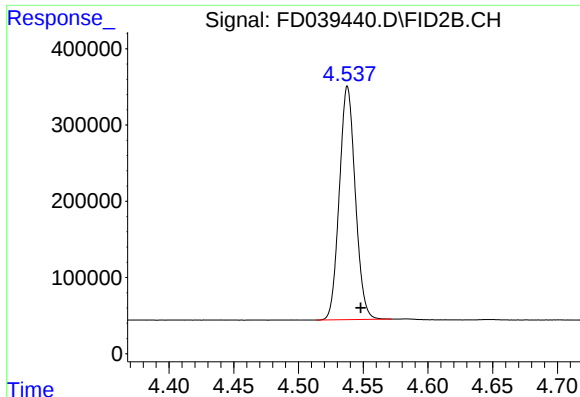
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111221AR\  
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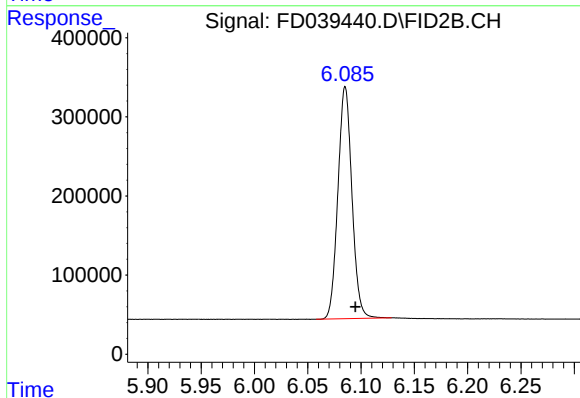




#1 1,2,3-Trimethylbenzene (C10.1)

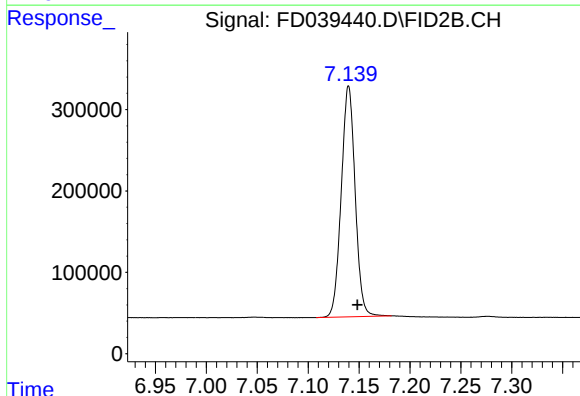
R.T.: 4.538 min  
Delta R.T.: -0.010 min  
Response: 2628901  
Conc: 21.36 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



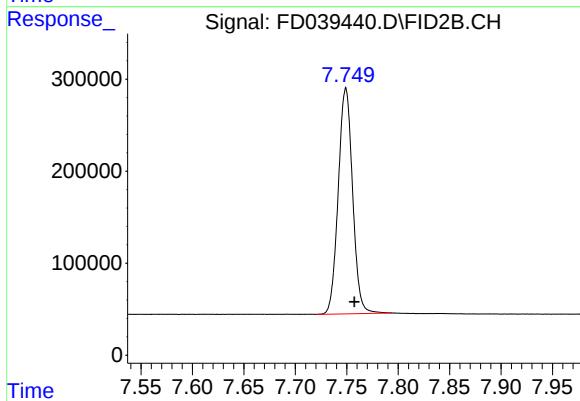
#2 Naphthalene (C11.7)

R.T.: 6.085 min  
Delta R.T.: -0.010 min  
Response: 2688558  
Conc: 20.74 ug/ml



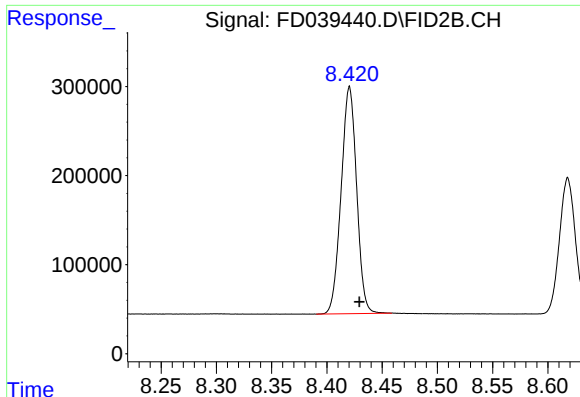
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min  
Delta R.T.: -0.008 min  
Response: 2697770  
Conc: 20.31 ug/ml



#4 2-Bromonaphthalene (SURR)

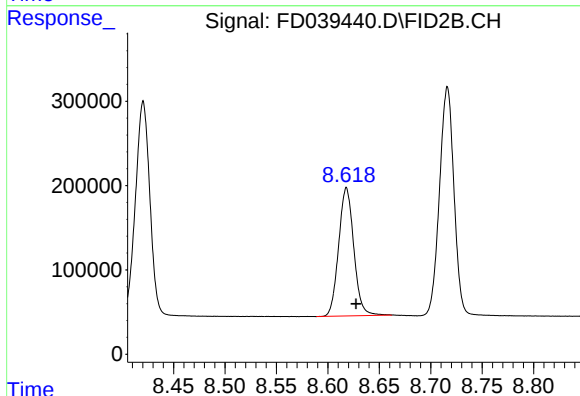
R.T.: 7.749 min  
Delta R.T.: -0.008 min  
Response: 2381448  
Conc: 20.53 ug/ml



#5 Acenaphthylene (C15.06)

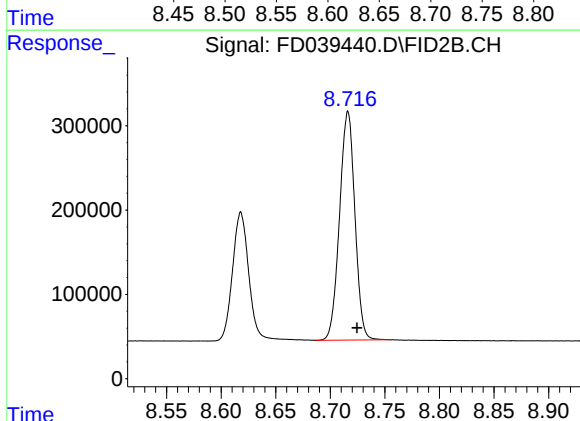
R.T.: 8.421 min  
Delta R.T.: -0.009 min  
Response: 2490236  
Conc: 20.18 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



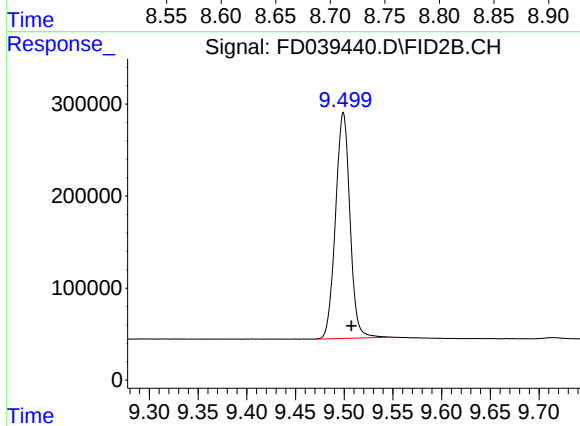
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min  
Delta R.T.: -0.009 min  
Response: 1556845  
Conc: 19.42 ug/ml



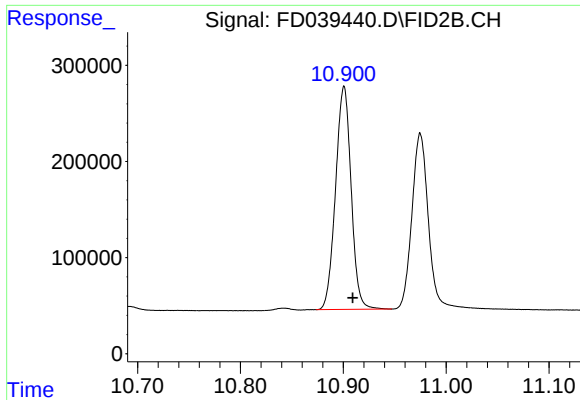
#7 Acenaphthene (C15.5)

R.T.: 8.716 min  
Delta R.T.: -0.008 min  
Response: 2654752  
Conc: 20.35 ug/ml



#8 Flouorene (C16.55)

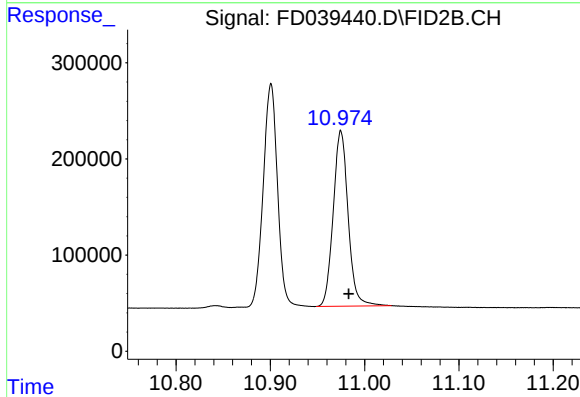
R.T.: 9.499 min  
Delta R.T.: -0.008 min  
Response: 2535907  
Conc: 19.58 ug/ml



#9 Phenanthrene (C19.36)

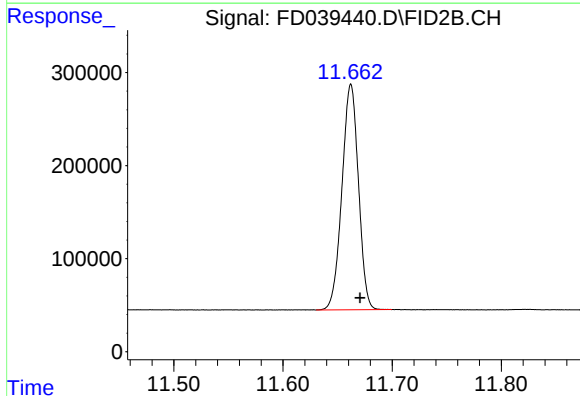
R.T.: 10.901 min  
Delta R.T.: -0.008 min  
Response: 2444543  
Conc: 18.93 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



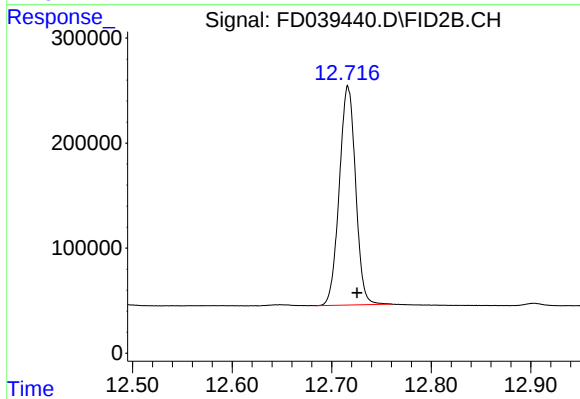
#10 Anthracene (C19.43)

R.T.: 10.975 min  
Delta R.T.: -0.008 min  
Response: 2006787  
Conc: 15.69 ug/ml



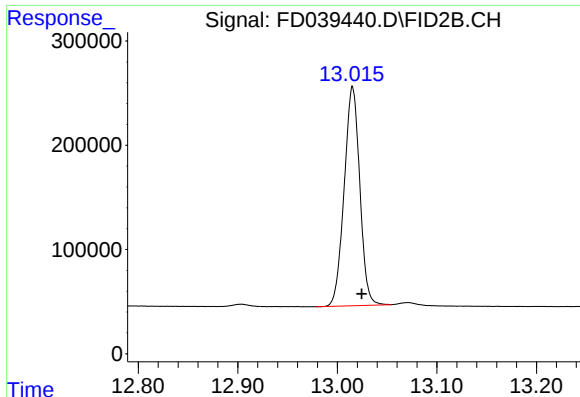
#11 ortho-Terphenyl (SURR)

R.T.: 11.662 min  
Delta R.T.: -0.008 min  
Response: 2546906  
Conc: 19.97 ug/ml



#12 Fluoranthene (C21.85)

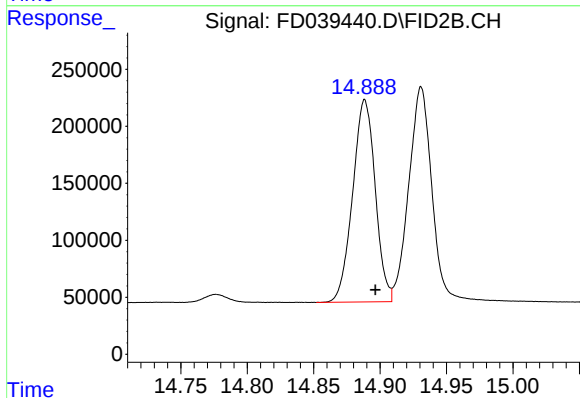
R.T.: 12.716 min  
Delta R.T.: -0.009 min  
Response: 2371480  
Conc: 18.20 ug/ml



#13 Pyrene (C20.8)

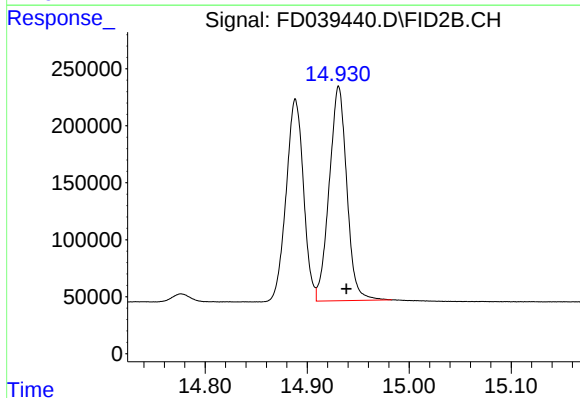
R.T.: 13.015 min  
Delta R.T.: -0.009 min  
Response: 2286295  
Conc: 18.08 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



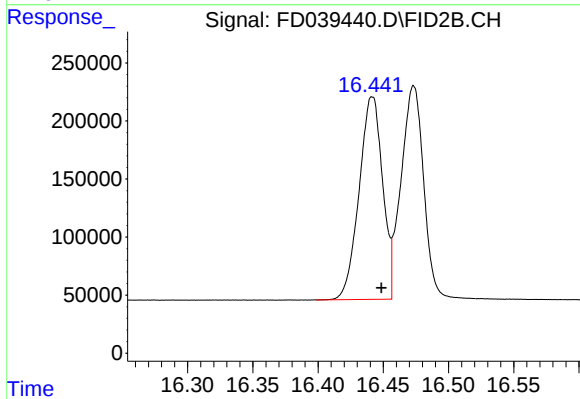
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min  
Delta R.T.: -0.008 min  
Response: 2097005  
Conc: 17.73 ug/ml



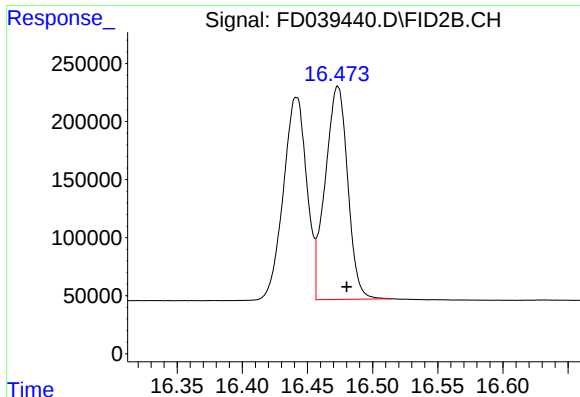
#15 Chrysene (C27.41)

R.T.: 14.931 min  
Delta R.T.: -0.008 min  
Response: 2257954  
Conc: 17.95 ug/ml



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

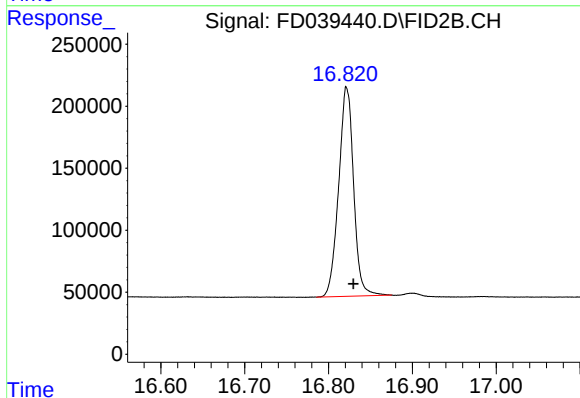
R.T.: 16.442 min  
Delta R.T.: -0.007 min  
Response: 2183764  
Conc: 18.61 ug/ml



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

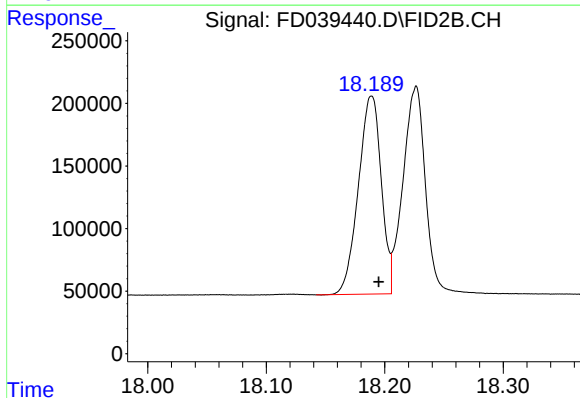
R.T.: 16.473 min  
Delta R.T.: -0.007 min  
Response: 2202327  
Conc: 18.71 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



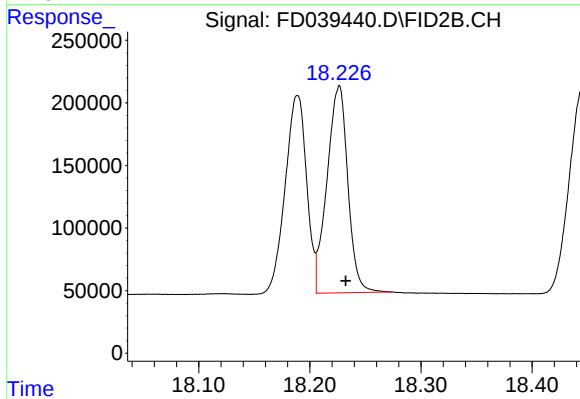
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.822 min  
Delta R.T.: -0.008 min  
Response: 2094285  
Conc: 18.40 ug/ml



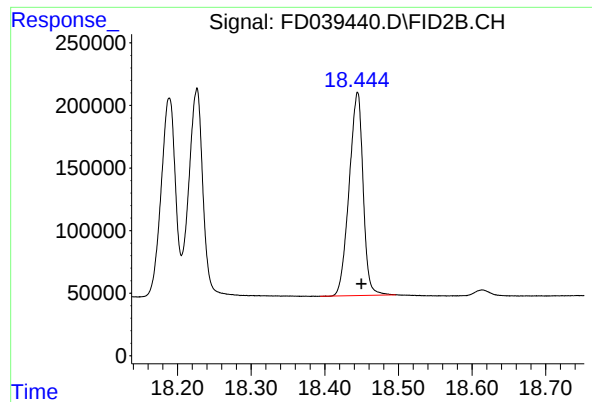
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.189 min  
Delta R.T.: -0.006 min  
Response: 2121559  
Conc: 19.82 ug/ml



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

R.T.: 18.226 min  
Delta R.T.: -0.006 min  
Response: 2156491  
Conc: 20.23 ug/ml



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

R.T.: 18.445 min  
Delta R.T.: -0.005 min  
Response: 2136855  
Conc: 20.25 ug/ml

Instrument :

FID\_D

ClientSampleId :