

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060622AR\  
 Data File : FD042781.D  
 Signal(s) : FID2B.CH  
 Acq On : 06 Jun 2022 17:37  
 Operator : UA/NP  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 07 02:04:51 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 01 10:34:31 2022  
 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...      | 7.663  | 3169400    | 20.741 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 41.48%       |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.528  | 2084525    | 20.268 ug/ml |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 40.54%       |
| 11) S ortho-Terphenyl (SURR)       | 11.577 | 3471672    | 19.556 ug/ml |
| Spiked Amount 50.000               |        | Recovery = | 39.11%       |
| Target Compounds                   |        |            |              |
| 1) T 1,2,3-Trimethylbenzen...      | 4.455  | 3562732    | 21.279 ug/ml |
| 2) T Naphthalene (C11.7)           | 5.998  | 3644408    | 21.079 ug/ml |
| 3) T 2-Methylnaphthalene (...)     | 7.052  | 3318041    | 20.807 ug/ml |
| 5) T Acenaphthylene (C15.06)       | 8.331  | 3470619    | 20.088 ug/ml |
| 7) T Acenaphthene (C15.5)          | 8.627  | 3488890    | 20.276 ug/ml |
| 8) T Fluorene (C16.55)             | 9.410  | 3369339    | 20.070 ug/ml |
| 9) T Phenanthrene (C19.36)         | 10.809 | 3177956    | 19.326 ug/ml |
| 10) T Anthracene (C19.43)          | 10.883 | 2866757    | 18.756 ug/ml |
| 12) T Fluoranthene (C21.85)        | 12.624 | 2917374    | 18.518 ug/ml |
| 13) T Pyrene (C20.8)               | 12.921 | 2849102    | 18.300 ug/ml |
| 14) T Benzo[a]anthracene (C...     | 14.794 | 2540292    | 19.052 ug/ml |
| 15) T Chrysene (C27.41)            | 14.836 | 2514573    | 19.033 ug/ml |
| 16) T benzo[b]fluoranthene ...     | 16.346 | 2646519    | 19.866 ug/ml |
| 17) T Bnezo[k]fluoranthene ...     | 16.379 | 2501755    | 20.199 ug/ml |
| 18) T Benzo[a]pyrene (C31.34)      | 16.725 | 2522849    | 20.383 ug/ml |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.091 | 2388944    | 21.433 ug/ml |
| 20) T Dibenz[a,h]anthracene...     | 18.132 | 2490024    | 22.385 ug/ml |
| 21) T Benzo[g,h,i]perylene ...     | 18.347 | 2551936    | 21.471 ug/ml |
| -----                              |        |            |              |

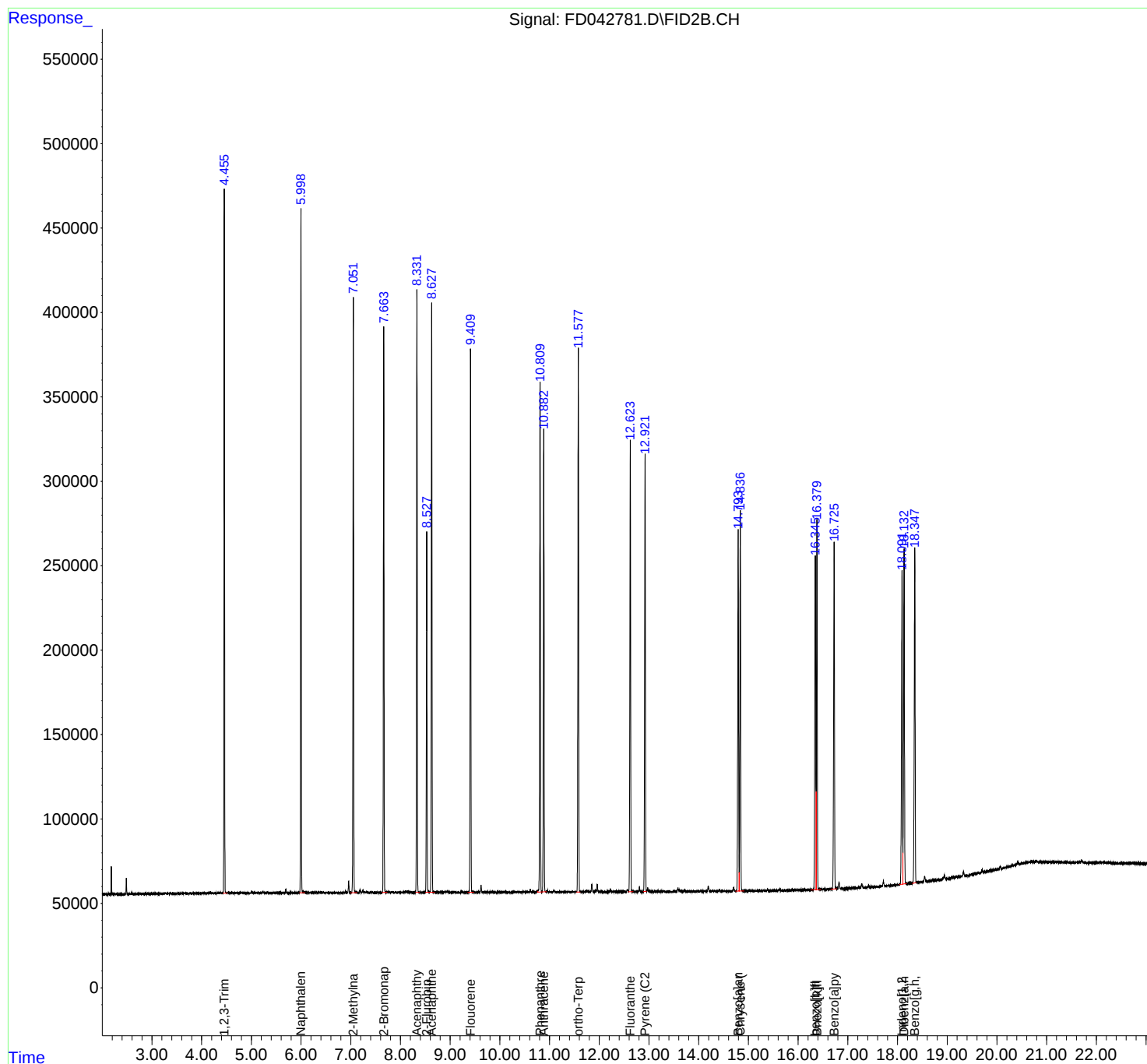
(f)=RT Delta > 1/2 Window

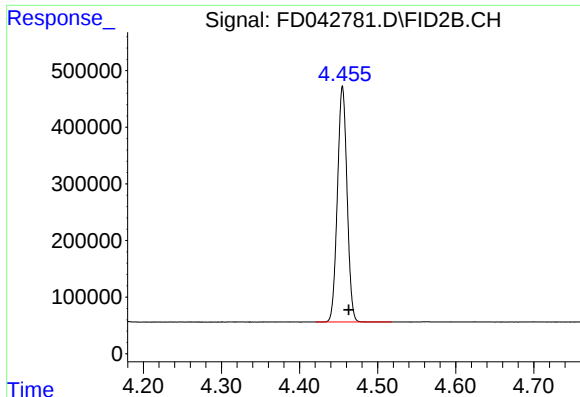
(m)=manual int.

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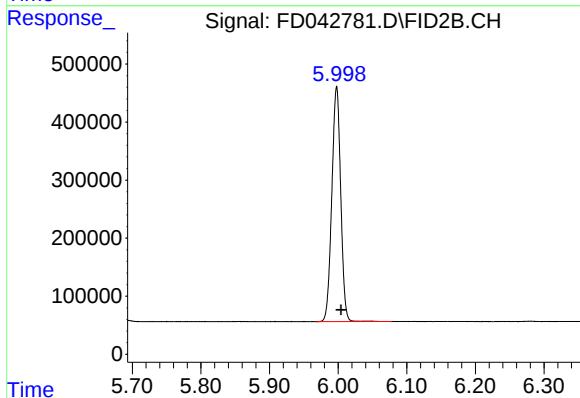
Volume Inj. : 1 µl  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18µm





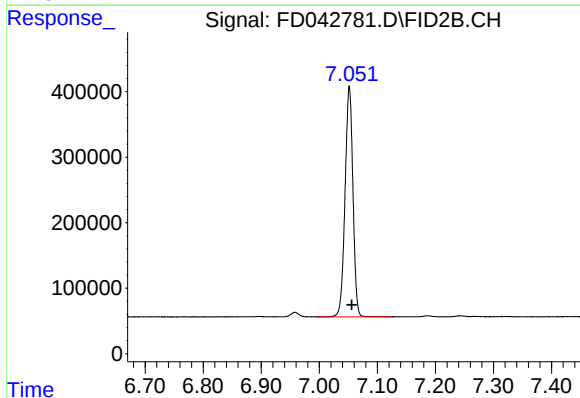
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min  
Delta R.T.: -0.008 min  
Response: 3562732  
Conc: 21.28 ug/ml



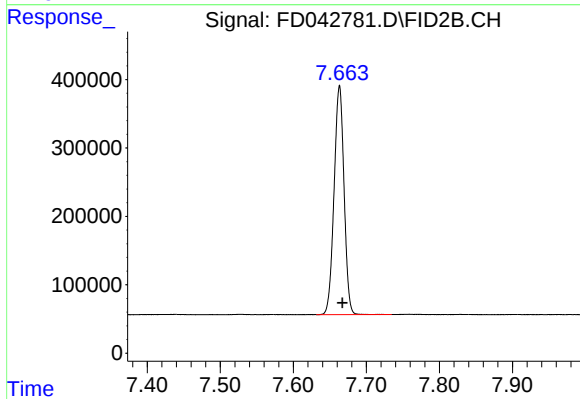
#2 Naphthalene (C11.7)

R.T.: 5.998 min  
Delta R.T.: -0.006 min  
Response: 3644408  
Conc: 21.08 ug/ml



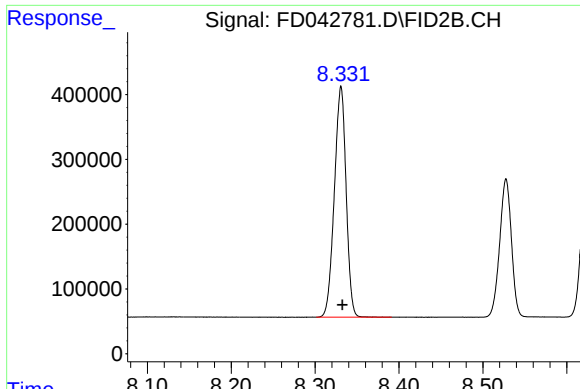
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min  
Delta R.T.: -0.004 min  
Response: 3318041  
Conc: 20.81 ug/ml



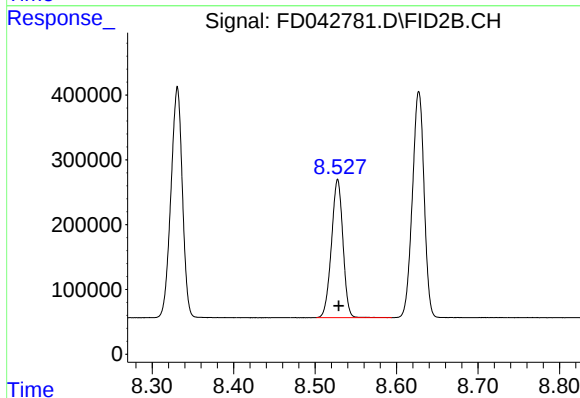
#4 2-Bromonaphthalene (SURR)

R.T.: 7.663 min  
Delta R.T.: -0.004 min  
Response: 3169400  
Conc: 20.74 ug/ml



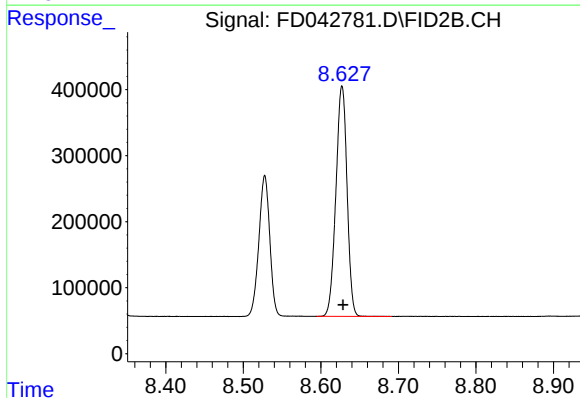
#5 Acenaphthylene (C15.06)

R.T.: 8.331 min  
Delta R.T.: -0.002 min  
Response: 3470619  
Conc: 20.09 ug/ml



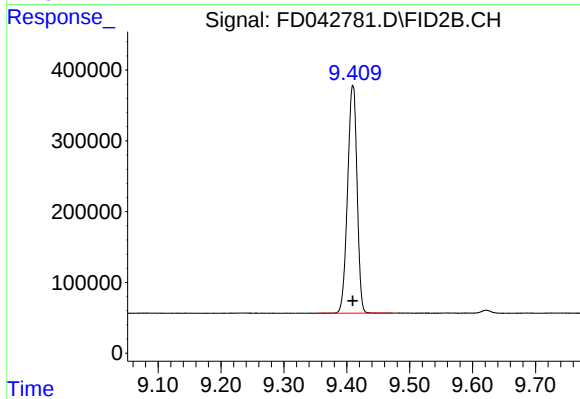
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.528 min  
Delta R.T.: -0.002 min  
Response: 2084525  
Conc: 20.27 ug/ml



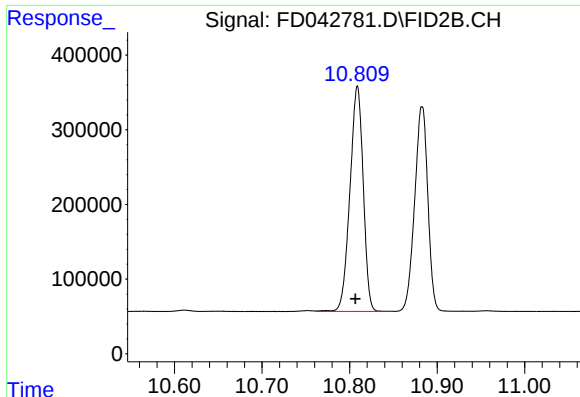
#7 Acenaphthene (C15.5)

R.T.: 8.627 min  
Delta R.T.: -0.001 min  
Response: 3488890  
Conc: 20.28 ug/ml



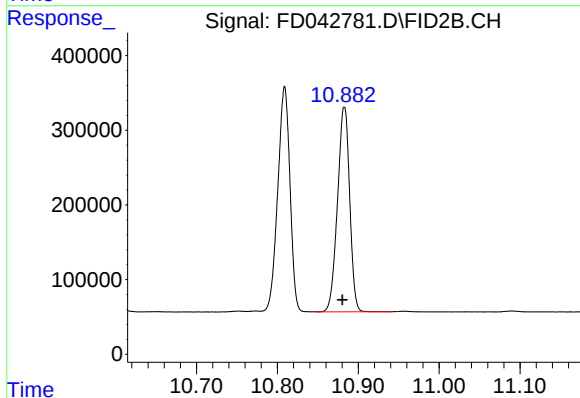
#8 Flouorene (C16.55)

R.T.: 9.410 min  
Delta R.T.: 0.000 min  
Response: 3369339  
Conc: 20.07 ug/ml



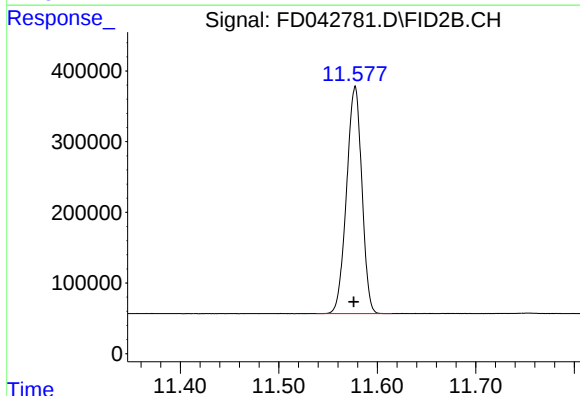
#9 Phenanthrene (C19.36)

R.T.: 10.809 min  
Delta R.T.: 0.002 min  
Response: 3177956  
Conc: 19.33 ug/ml



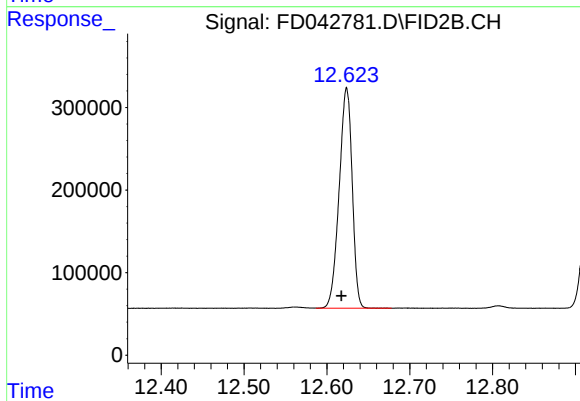
#10 Anthracene (C19.43)

R.T.: 10.883 min  
Delta R.T.: 0.002 min  
Response: 2866757  
Conc: 18.76 ug/ml



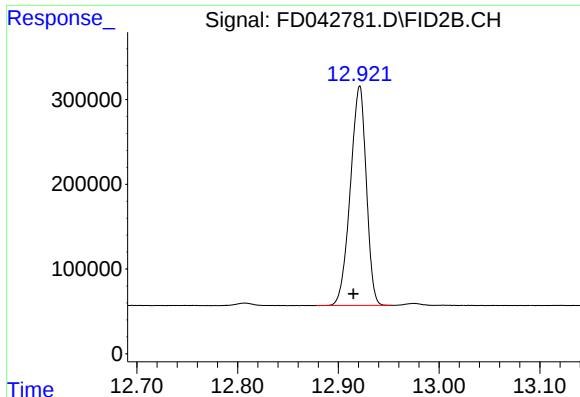
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min  
Delta R.T.: 0.001 min  
Response: 3471672  
Conc: 19.56 ug/ml



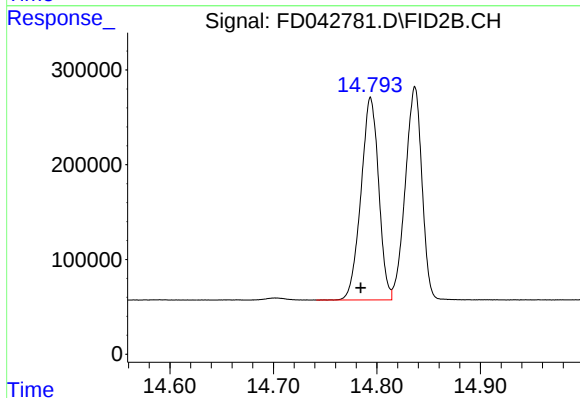
#12 Fluoranthene (C21.85)

R.T.: 12.624 min  
Delta R.T.: 0.006 min  
Response: 2917374  
Conc: 18.52 ug/ml



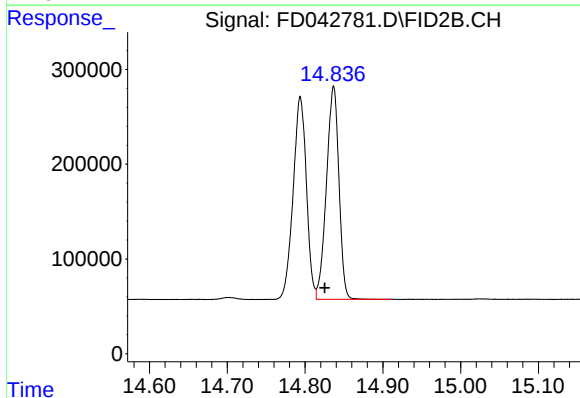
#13 Pyrene (C20.8)

R.T.: 12.921 min  
Delta R.T.: 0.006 min  
Response: 2849102  
Conc: 18.30 ug/ml



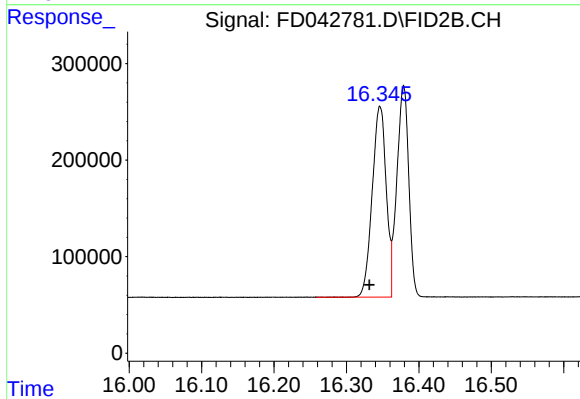
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min  
Delta R.T.: 0.010 min  
Response: 2540292  
Conc: 19.05 ug/ml



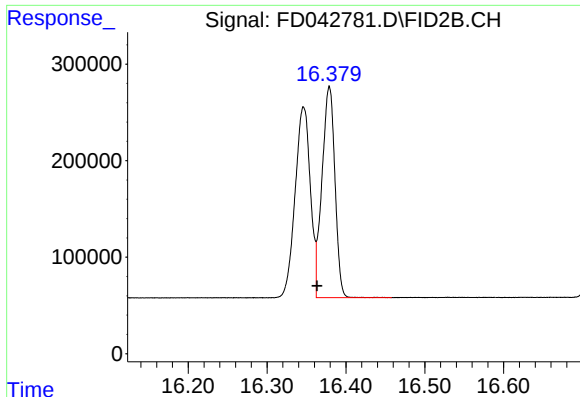
#15 Chrysene (C27.41)

R.T.: 14.836 min  
Delta R.T.: 0.011 min  
Response: 2514573  
Conc: 19.03 ug/ml



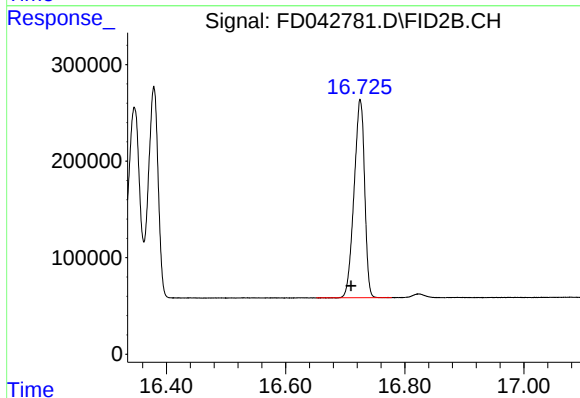
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.346 min  
Delta R.T.: 0.014 min  
Response: 2646519  
Conc: 19.87 ug/ml



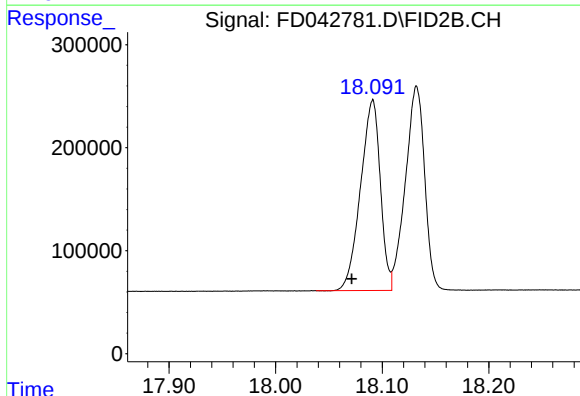
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.379 min  
Delta R.T.: 0.016 min  
Response: 2501755  
Conc: 20.20 ug/ml



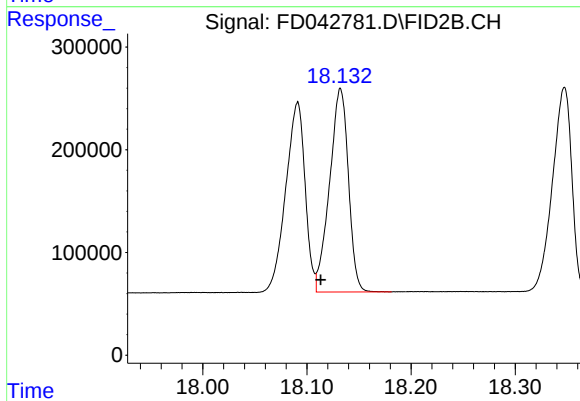
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.725 min  
Delta R.T.: 0.015 min  
Response: 2522849  
Conc: 20.38 ug/ml



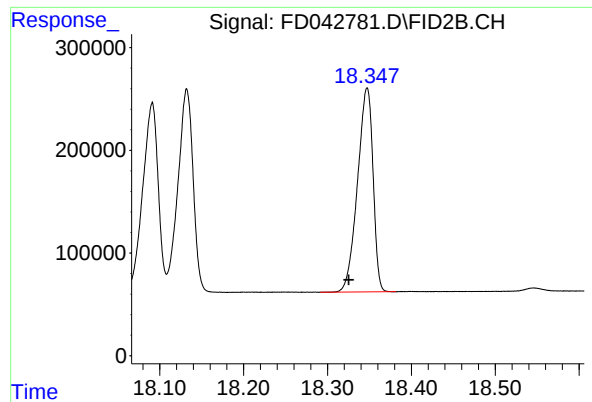
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.091 min  
Delta R.T.: 0.019 min  
Response: 2388944  
Conc: 21.43 ug/ml



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

R.T.: 18.132 min  
Delta R.T.: 0.019 min  
Response: 2490024  
Conc: 22.39 ug/ml



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

R.T.: 18.347 min  
Delta R.T.: 0.022 min  
Response: 2551936  
Conc: 21.47 ug/ml