

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042014.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 15:06
 Operator : UA/NP
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 17:07:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:04:43 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...	7.333	6819493	50.246 ug/ml
Spiked Amount 50.000		Recovery =	100.49%
6) S 2-Fluorobiphenyl (SURR)	8.182	4316473	53.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.69%
11) S ortho-Terphenyl (SURR)	11.210	8094199	50.464 ug/ml
Spiked Amount 50.000		Recovery =	100.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	7648522	50.988 ug/ml
2) T Naphthalene (C11.7)	5.676	7850671	51.159 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	7057309	50.509 ug/ml
5) T Acenaphthylene (C15.06)	7.984	7856329	50.615 ug/ml
7) T Acenaphthene (C15.5)	8.278	8235300	49.478 ug/ml
8) T Fluorene (C16.55)	9.056	7545261	51.087 ug/ml
9) T Phenanthrene (C19.36)	10.441	7499427	51.432 ug/ml
10) T Anthracene (C19.43)	10.516	7676491	50.488 ug/ml
12) T Fluoranthene (C21.85)	12.243	7567630	51.017 ug/ml
13) T Pyrene (C20.8)	12.536	7735076	50.799 ug/ml
14) T Benzo[a]anthracene (C...	14.406	6906518	53.843 ug/ml
15) T Chrysene (C27.41)	14.448	7636104	48.721 ug/ml
16) T benzo[b]fluoranthene ...	15.953	7056941	52.419 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	7401233	49.702 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	6839755	49.803 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	5593579	52.483 ug/ml
20) T Dibenz[a,h]anthracene...	17.732	7054179	50.905 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	6457141	50.852 ug/ml

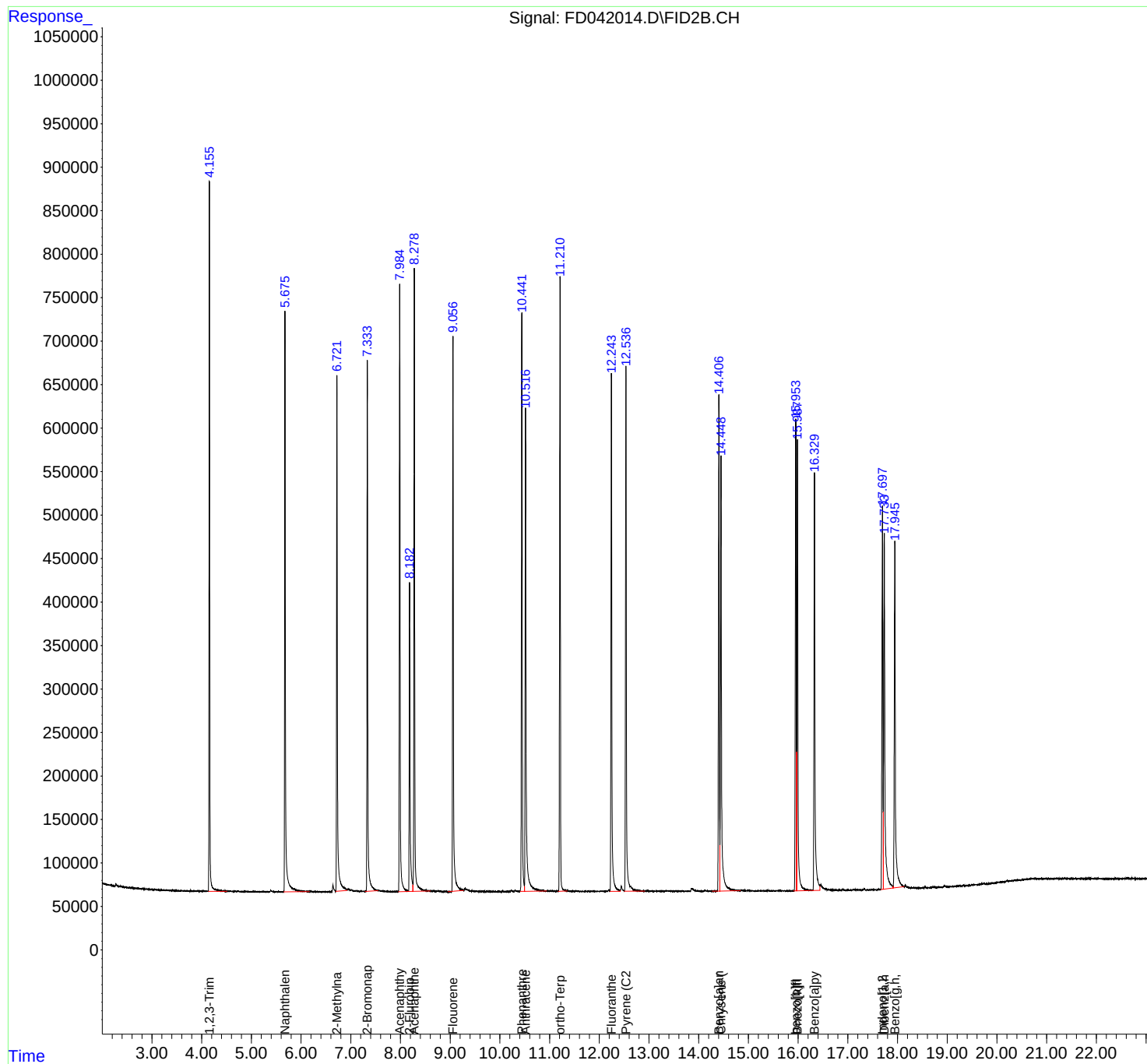
(f)=RT Delta > 1/2 Window

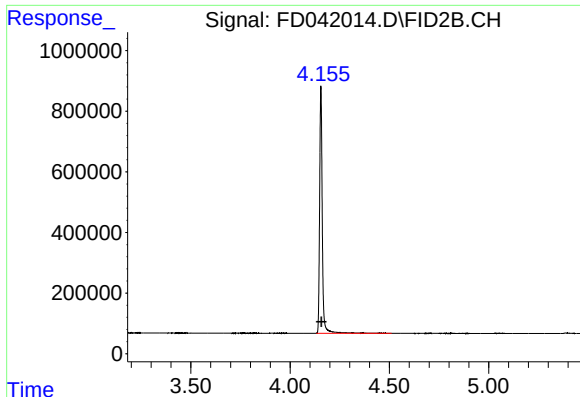
(m)=manual int.

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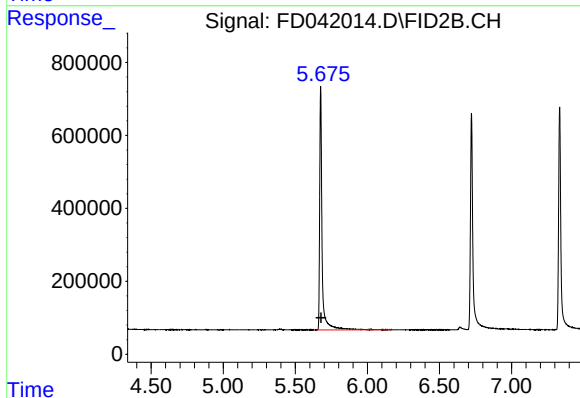
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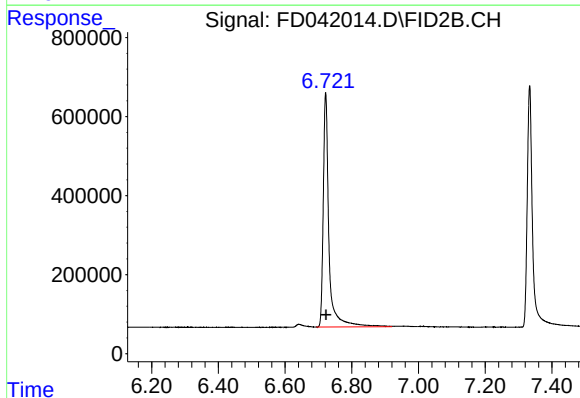
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.155 min
Delta R.T.: -0.002 min
Response: 7648522
Conc: 50.99 ug/ml



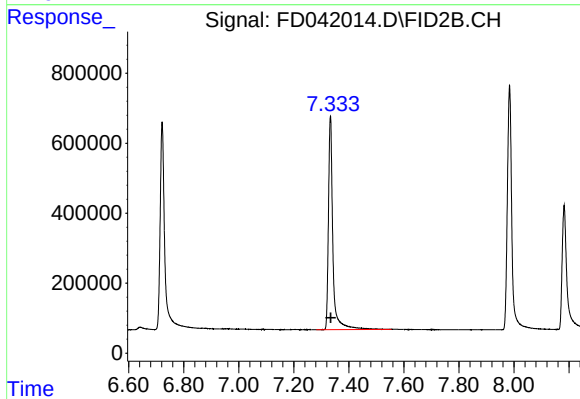
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 7850671
Conc: 51.16 ug/ml



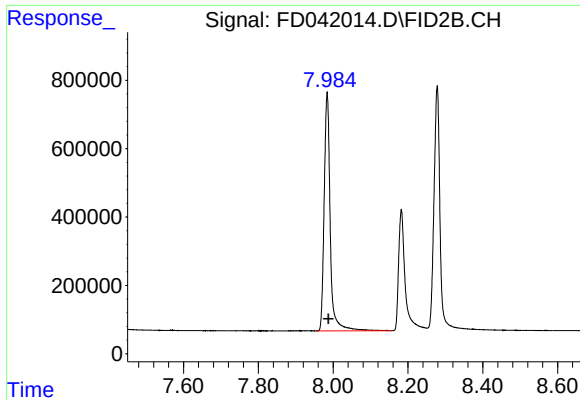
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.002 min
Response: 7057309
Conc: 50.51 ug/ml



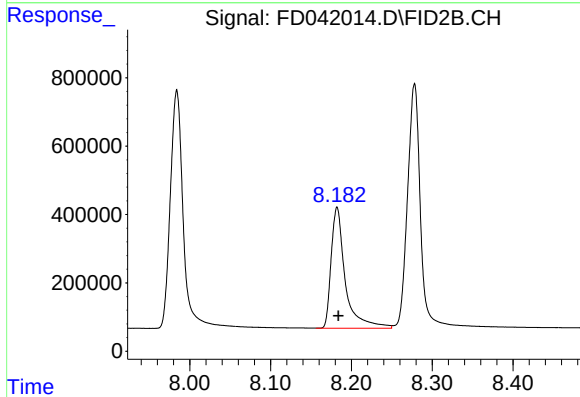
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 6819493
Conc: 50.25 ug/ml



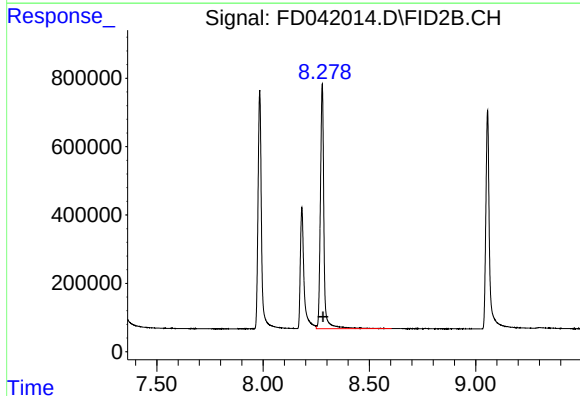
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 7856329
Conc: 50.62 ug/ml



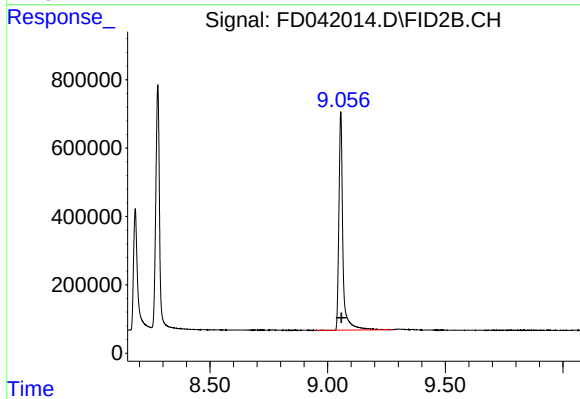
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.002 min
Response: 4316473
Conc: 53.35 ug/ml



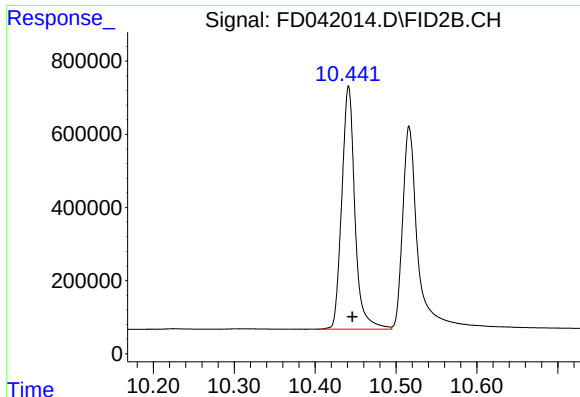
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: -0.004 min
Response: 8235300
Conc: 49.48 ug/ml



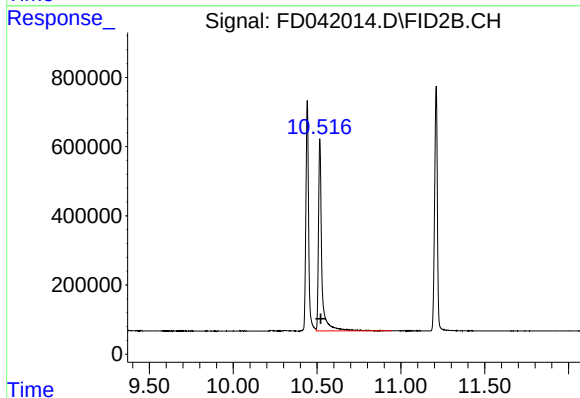
#8 Fluorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 7545261
Conc: 51.09 ug/ml



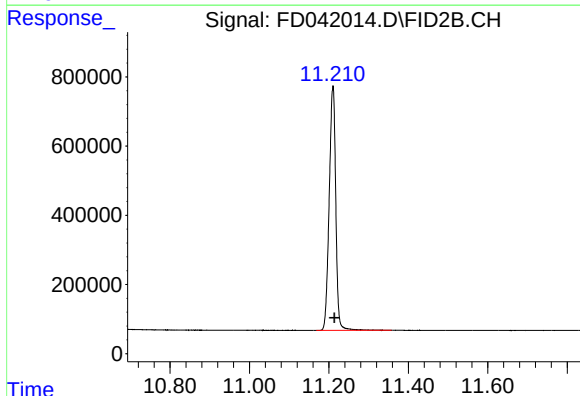
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.005 min
Response: 7499427
Conc: 51.43 ug/ml



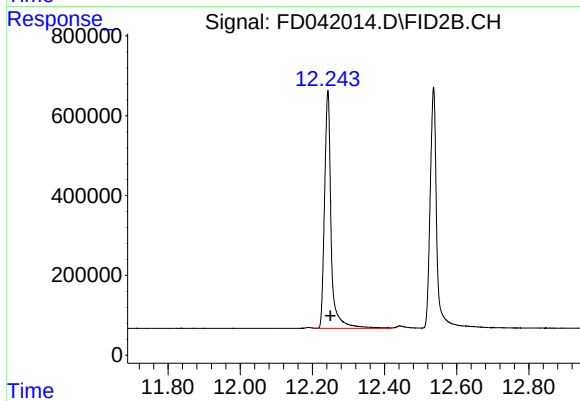
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.006 min
Response: 7676491
Conc: 50.49 ug/ml



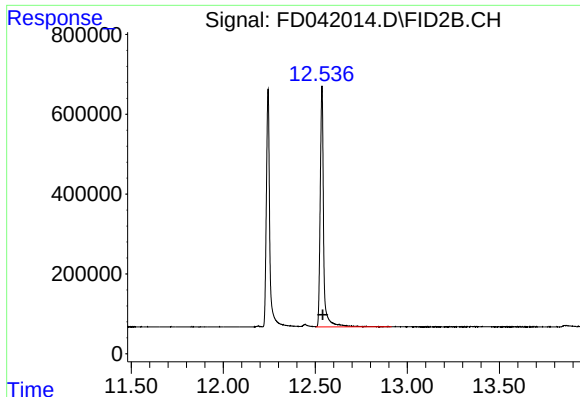
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: -0.004 min
Response: 8094199
Conc: 50.46 ug/ml



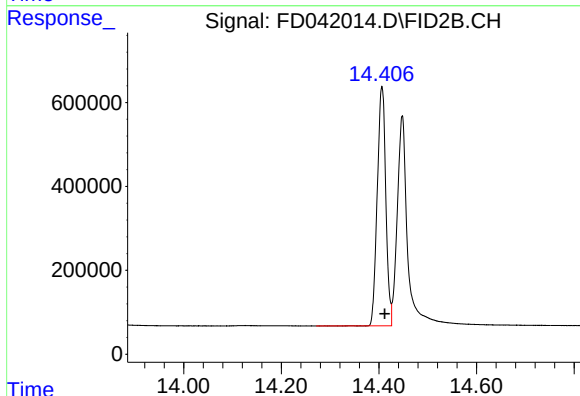
#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.007 min
Response: 7567630
Conc: 51.02 ug/ml



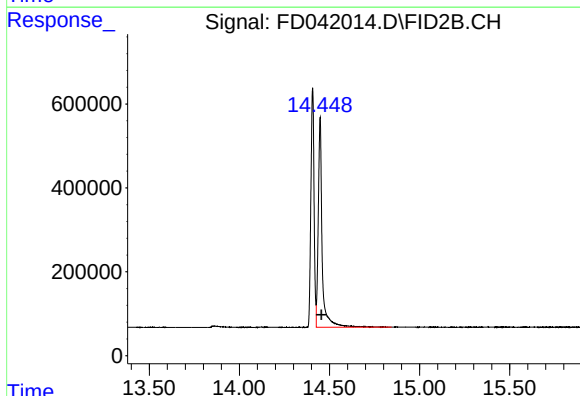
#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: -0.006 min
Response: 7735076
Conc: 50.80 ug/ml



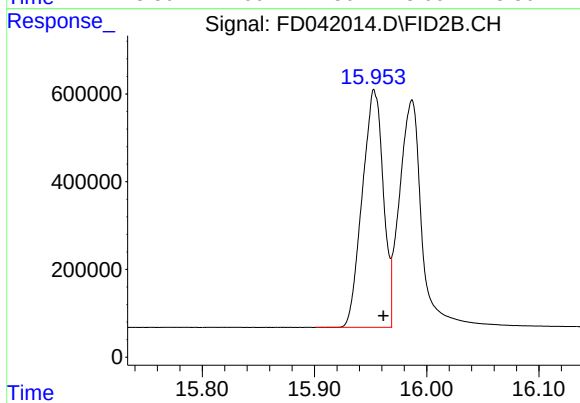
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.406 min
Delta R.T.: -0.006 min
Response: 6906518
Conc: 53.84 ug/ml



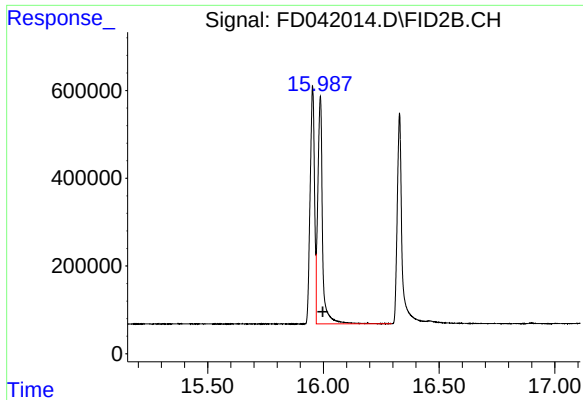
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.008 min
Response: 7636104
Conc: 48.72 ug/ml



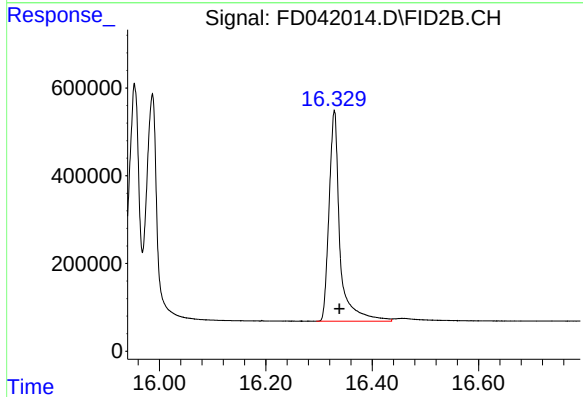
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.953 min
Delta R.T.: -0.008 min
Response: 7056941
Conc: 52.42 ug/ml



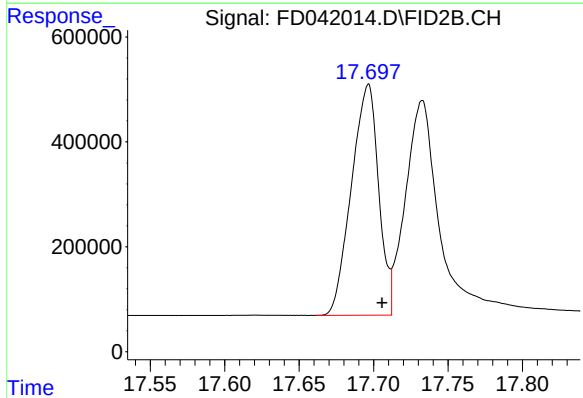
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: -0.011 min
Response: 7401233
Conc: 49.70 ug/ml



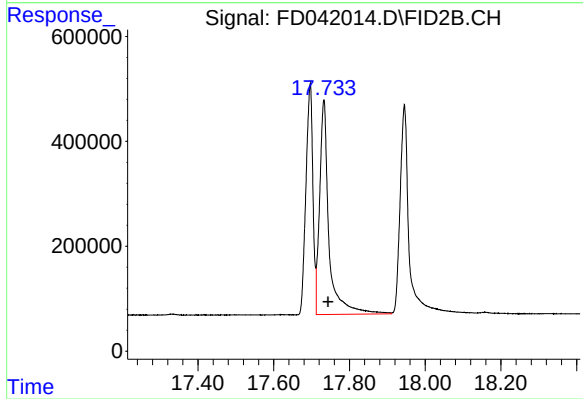
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.010 min
Response: 6839755
Conc: 49.80 ug/ml



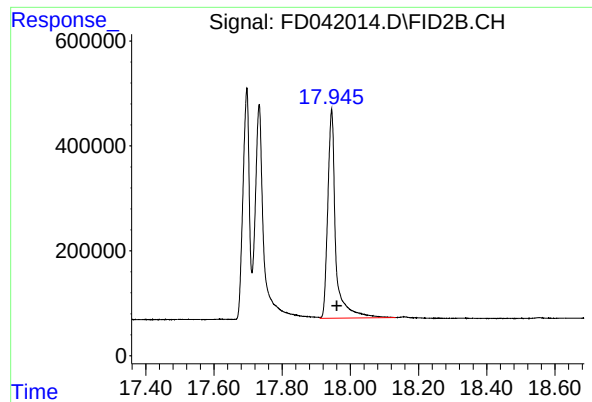
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: -0.010 min
Response: 5593579
Conc: 52.48 ug/ml



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

R.T.: 17.732 min
Delta R.T.: -0.012 min
Response: 7054179
Conc: 50.90 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.015 min
Response: 6457141
Conc: 50.85 ug/ml