

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040904.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 22:43
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 02:36:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 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...	7.357	448438	21.214 ug/ml
Spiked Amount 50.000		Recovery =	42.43%
6) S 2-Fluorobiphenyl (SURR)	8.207	268590	20.962 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.234	581486	20.039 ug/ml
Spiked Amount 50.000		Recovery =	40.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.173	512283	20.187 ug/ml
2) T Naphthalene (C11.7)	5.699	486318	20.941 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	509141	21.534 ug/ml
5) T Acenaphthylene (C15.06)	8.005	550429	20.512 ug/ml
7) T Acenaphthene (C15.5)	8.298	606463	20.132 ug/ml
8) T Fluorene (C16.55)	9.078	507899	20.412 ug/ml
9) T Phenanthrene (C19.36)	10.462	507209	20.584 ug/ml
10) T Anthracene (C19.43)	10.537	519074	19.897 ug/ml
12) T Fluoranthene (C21.85)	12.262	550509	20.666 ug/ml
13) T Pyrene (C20.8)	12.553	554899	20.511 ug/ml
14) T Benzo[a]anthracene (C...	14.421	468210	21.017 ug/ml
15) T Chrysene (C27.41)	14.461	645817	20.519 ug/ml
16) T benzo[b]fluoranthene ...	15.962	519654	20.887 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	623535	20.431 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	531690	20.857 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	485431	20.567 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	607310	20.496 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	527512	19.865 ug/ml

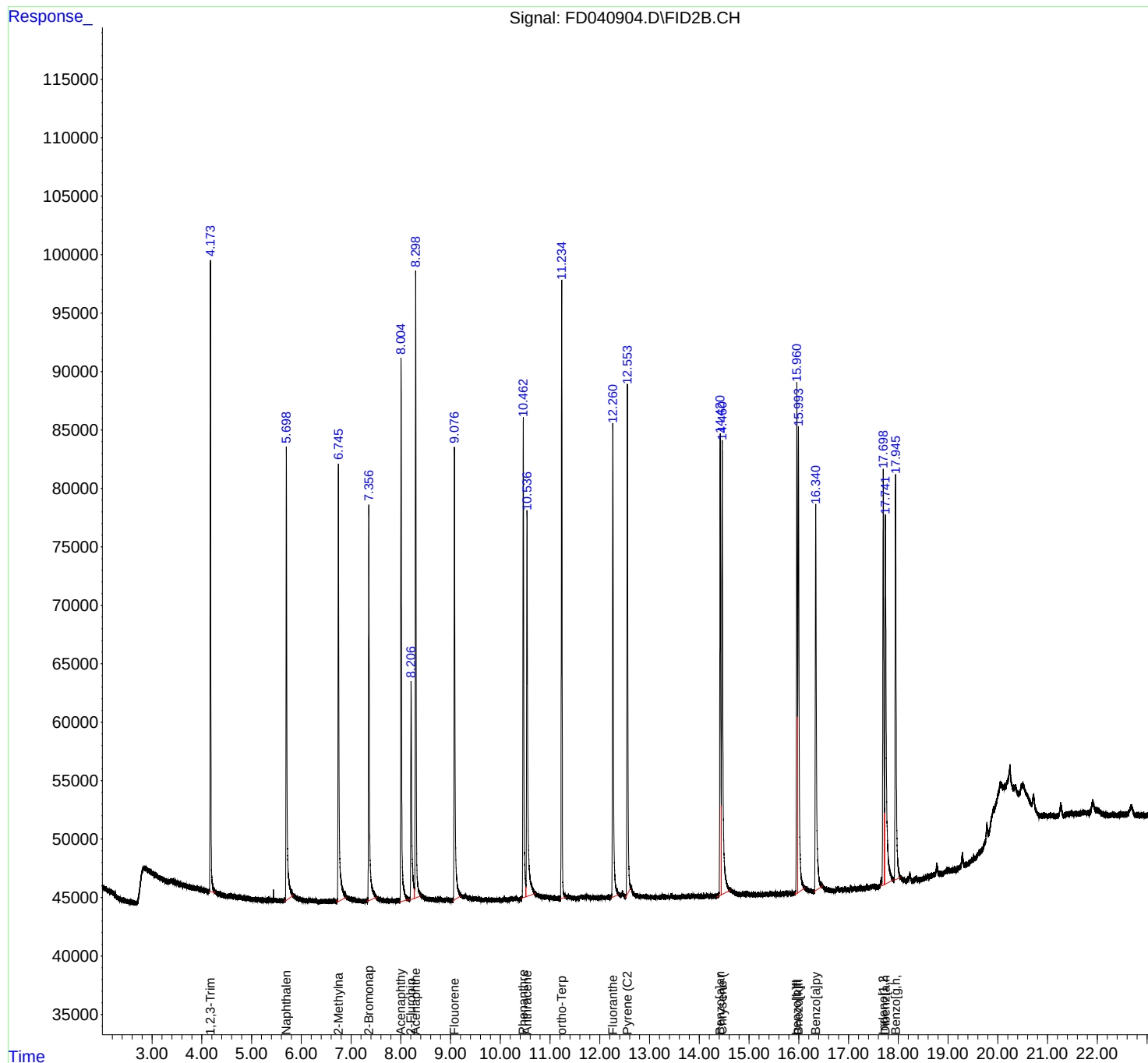
(f)=RT Delta > 1/2 Window

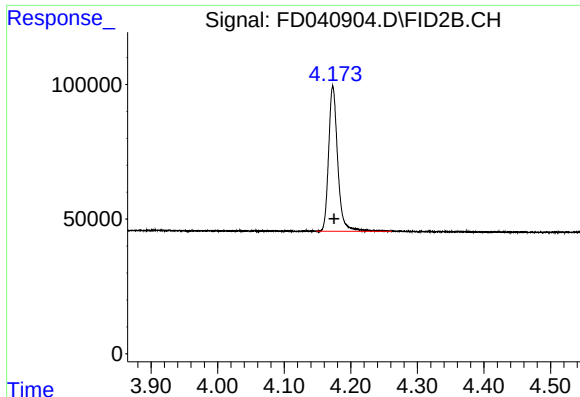
(m)=manual int.

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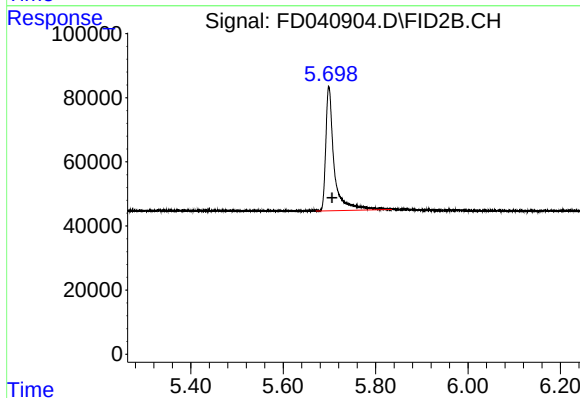
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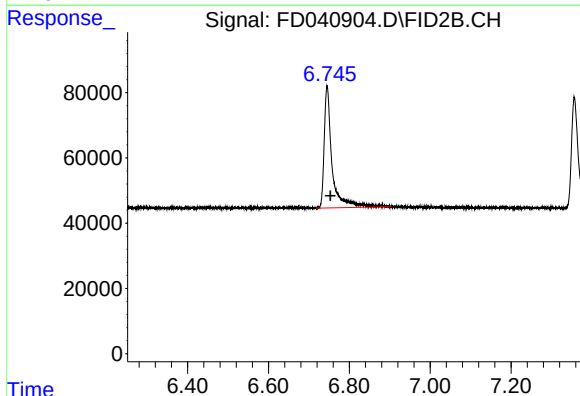
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 512283
Conc: 20.19 ug/ml



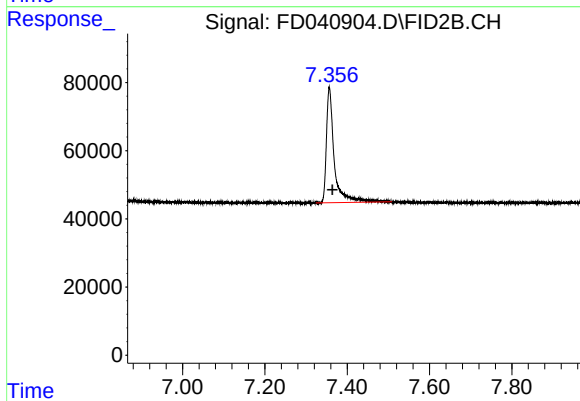
#2 Naphthalene (C11.7)

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 486318
Conc: 20.94 ug/ml



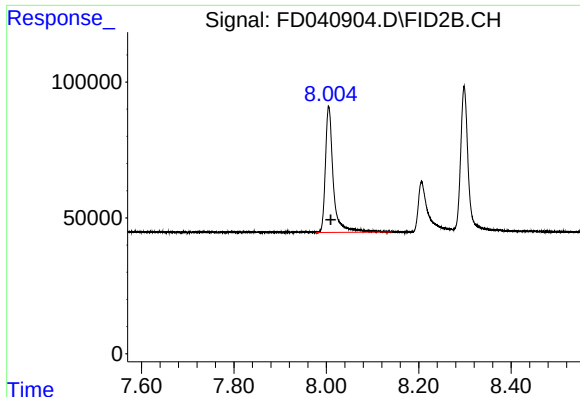
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: -0.008 min
Response: 509141
Conc: 21.53 ug/ml



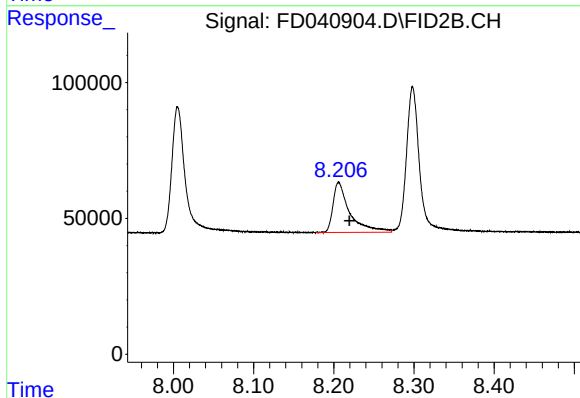
#4 2-Bromonaphthalene (SURR)

R.T.: 7.357 min
Delta R.T.: -0.007 min
Response: 448438
Conc: 21.21 ug/ml



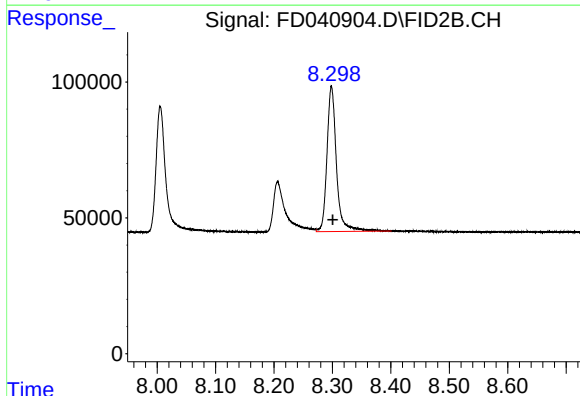
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 550429
Conc: 20.51 ug/ml



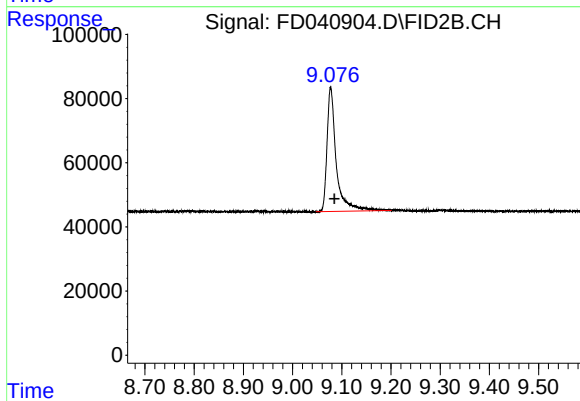
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.207 min
Delta R.T.: -0.013 min
Response: 268590
Conc: 20.96 ug/ml



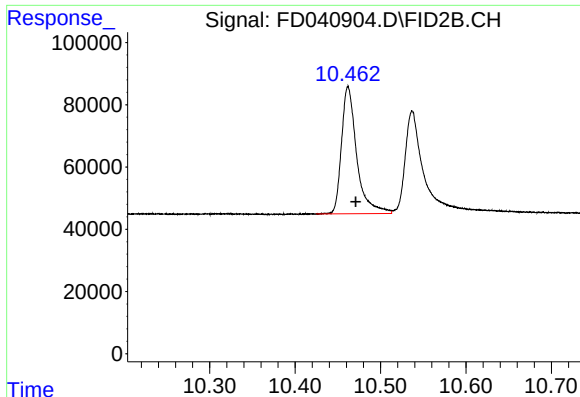
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.002 min
Response: 606463
Conc: 20.13 ug/ml



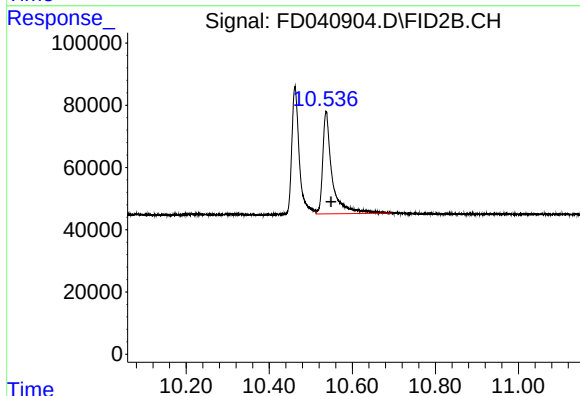
#8 Fluorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.007 min
Response: 507899
Conc: 20.41 ug/ml



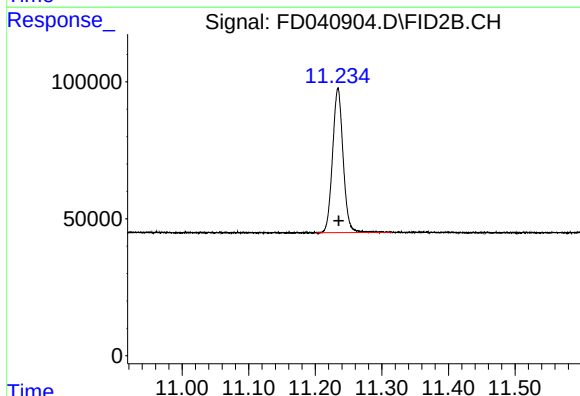
#9 Phenanthrene (C19.36)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 507209
Conc: 20.58 ug/ml



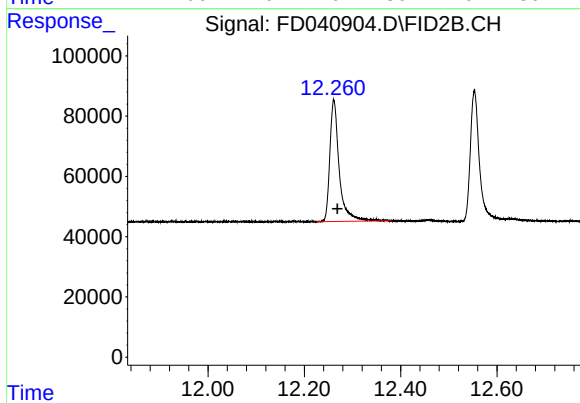
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.012 min
Response: 519074
Conc: 19.90 ug/ml



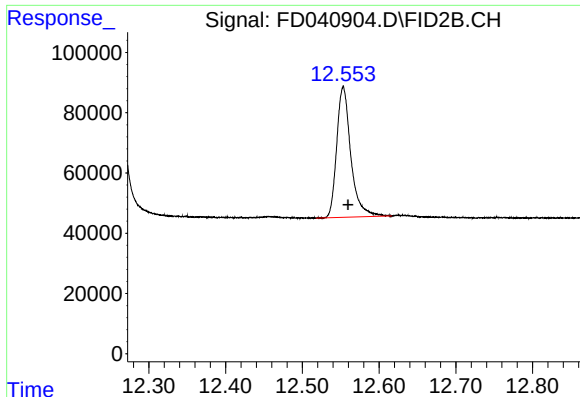
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 581486
Conc: 20.04 ug/ml



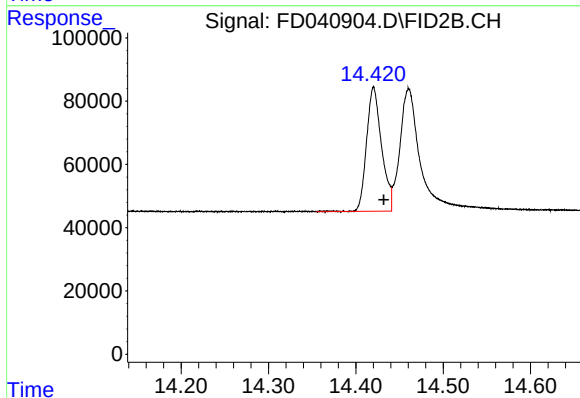
#12 Fluoranthene (C21.85)

R.T.: 12.262 min
Delta R.T.: -0.008 min
Response: 550509
Conc: 20.67 ug/ml



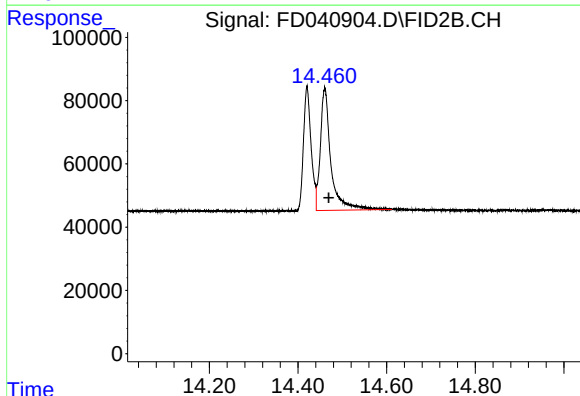
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: -0.006 min
Response: 554899
Conc: 20.51 ug/ml



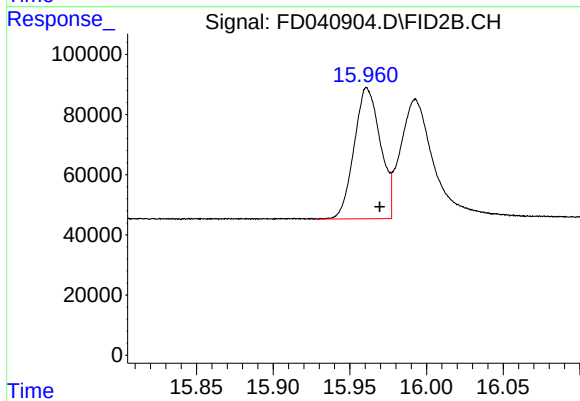
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.011 min
Response: 468210
Conc: 21.02 ug/ml



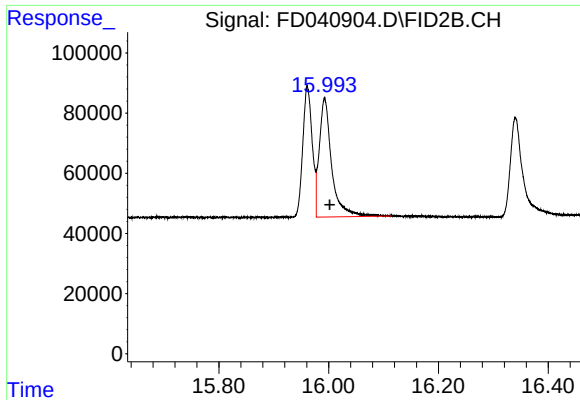
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 645817
Conc: 20.52 ug/ml



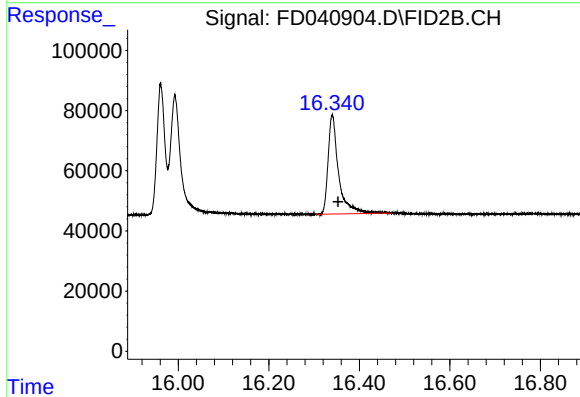
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 519654
Conc: 20.89 ug/ml



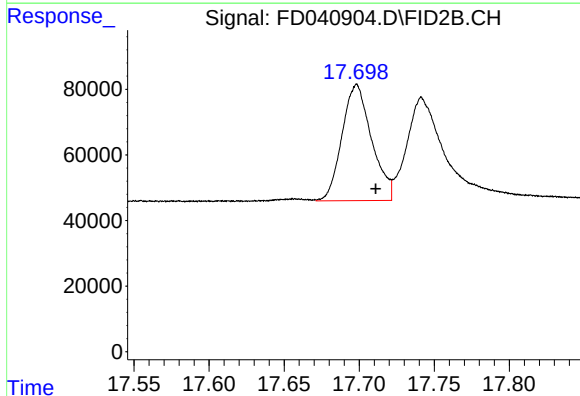
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.993 min
Delta R.T.: -0.010 min
Response: 623535
Conc: 20.43 ug/ml



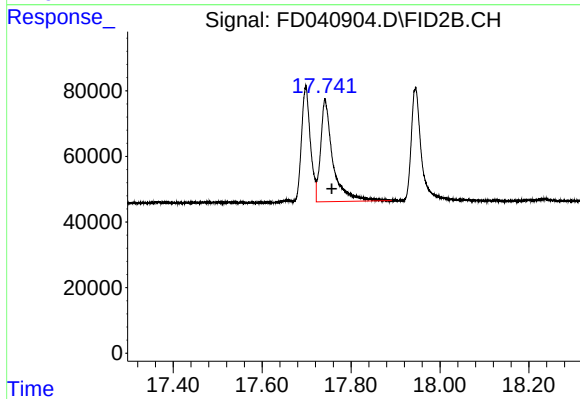
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.013 min
Response: 531690
Conc: 20.86 ug/ml



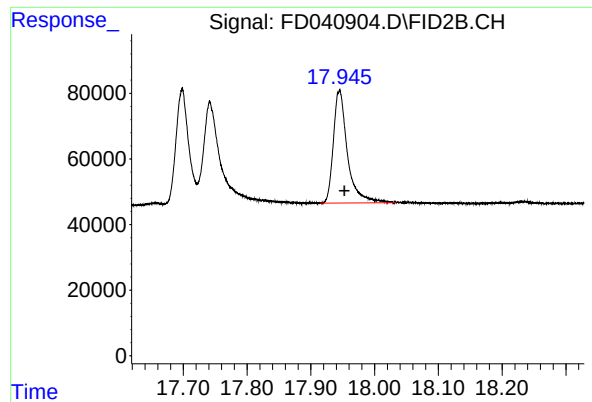
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.013 min
Response: 485431
Conc: 20.57 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.014 min
Response: 607310
Conc: 20.50 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.007 min
Response: 527512
Conc: 19.86 ug/ml