

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042122AR\
 Data File : FD042017.D
 Signal(s) : FID2B.CH
 Acq On : 21 Apr 2022 17:02
 Operator : UA/NP
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 17:31:19 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...	7.345	748819	5.435 ug/ml
Spiked Amount 50.000		Recovery =	10.87%
6) S 2-Fluorobiphenyl (SURR)	8.216	232084	2.996 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	5.99%
11) S ortho-Terphenyl (SURR)	11.208	1024789	6.195 ug/ml
Spiked Amount 50.000		Recovery =	12.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.160	851867	5.604 ug/ml
2) T Naphthalene (C11.7)	5.690	833086	5.356 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	772146	5.432 ug/ml
5) T Acenaphthylene (C15.06)	7.989	939710	5.909 ug/ml
7) T Acenaphthene (C15.5)	8.278	1193223	6.818 ug/ml
8) T Flouorene (C16.55)	9.069	814845	5.445 ug/ml
9) T Phenanthrene (C19.36)	10.454	774642	5.274 ug/ml
10) T Anthracene (C19.43)	10.537	1027783	6.510 ug/ml
12) T Fluoranthene (C21.85)	12.255	885033	5.829 ug/ml
13) T Pyrene (C20.8)	12.545	937367	5.970 ug/ml
14) T Benzo[a]anthracene (C...	14.421	496728	3.984 ug/ml
15) T Chrysene (C27.41)	14.460	1236553	7.382 ug/ml
16) T benzo[b]fluoranthene ...	15.964	614591	4.607 ug/ml
17) T Bnezo[k]fluoranthene ...	15.995	1139644	7.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.358	862865	6.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	432571	4.194 ug/ml
20) T Dibenz[a,h]anthracene...	17.761	999565	6.836 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	857430	6.583 ug/ml

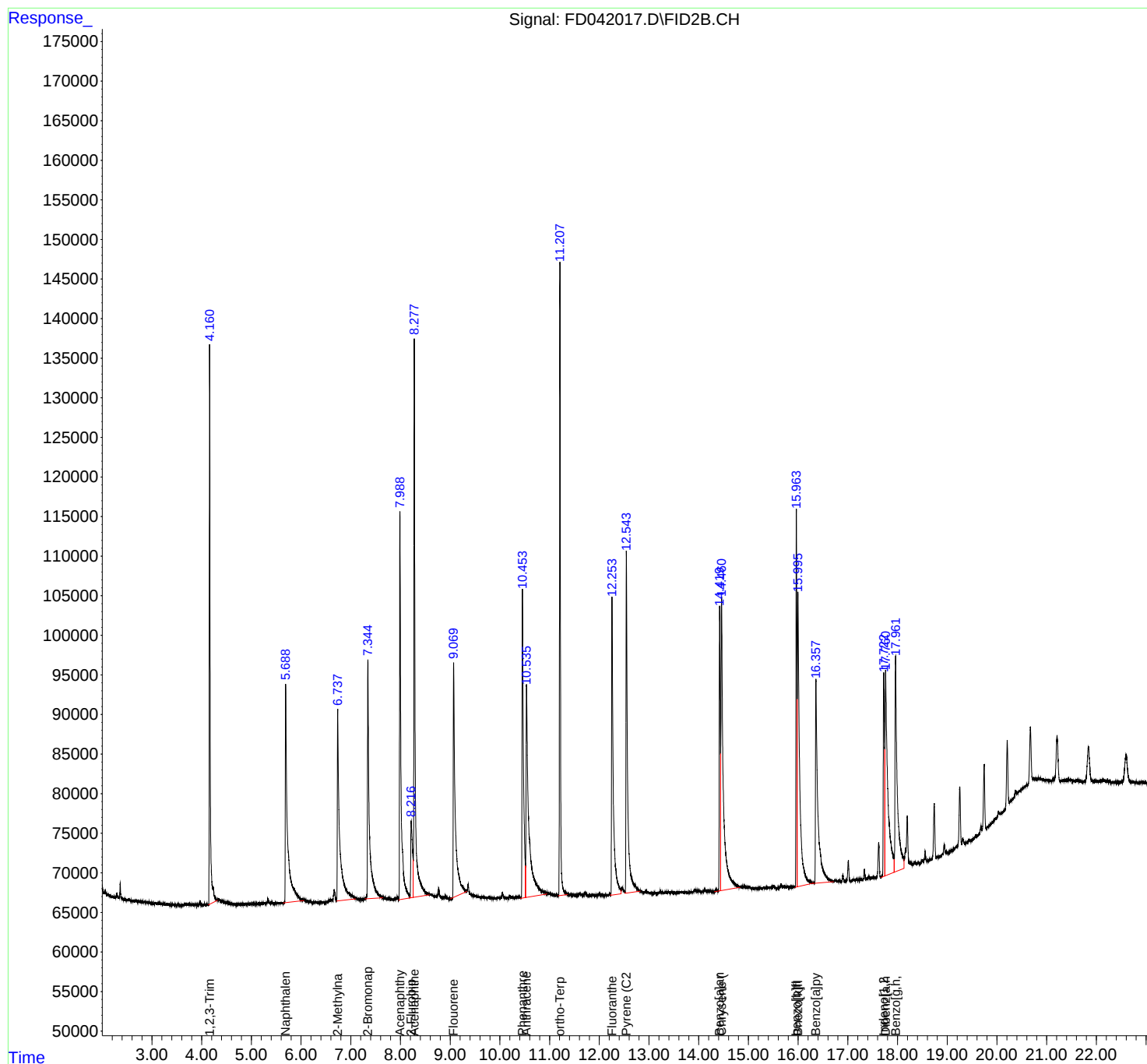
(f)=RT Delta > 1/2 Window

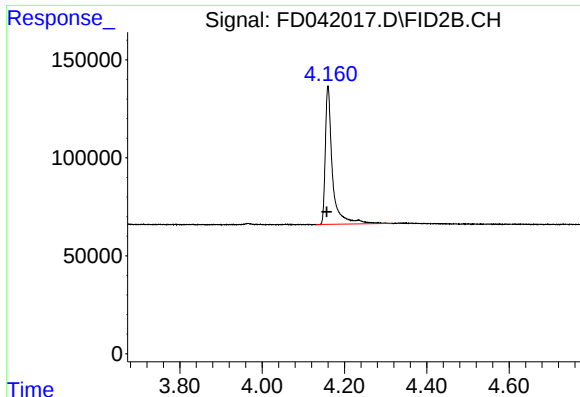
(m)=manual int.

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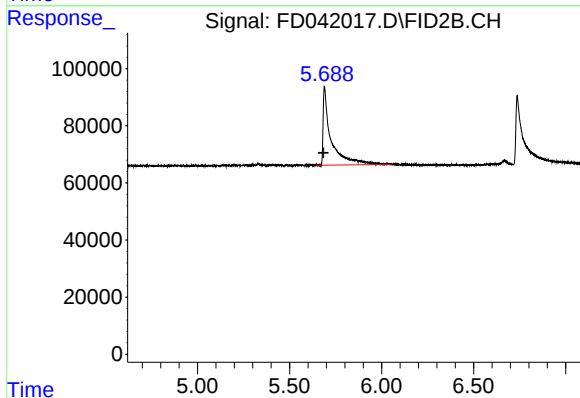
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





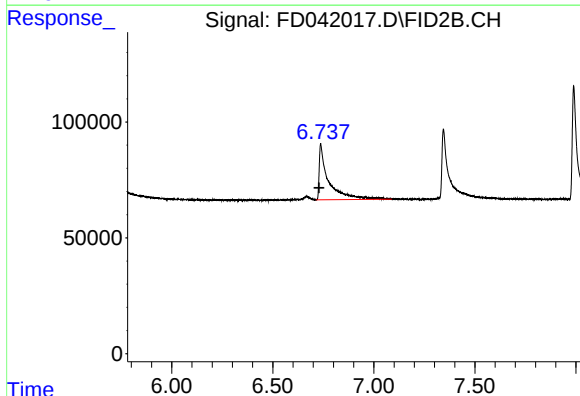
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.160 min
Delta R.T.: 0.003 min
Response: 851867
Conc: 5.60 ug/ml



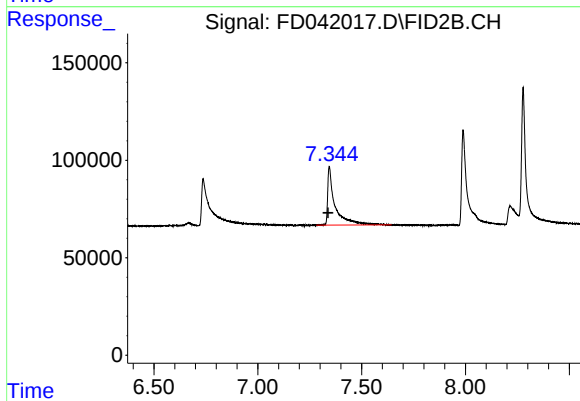
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: 0.007 min
Response: 833086
Conc: 5.36 ug/ml



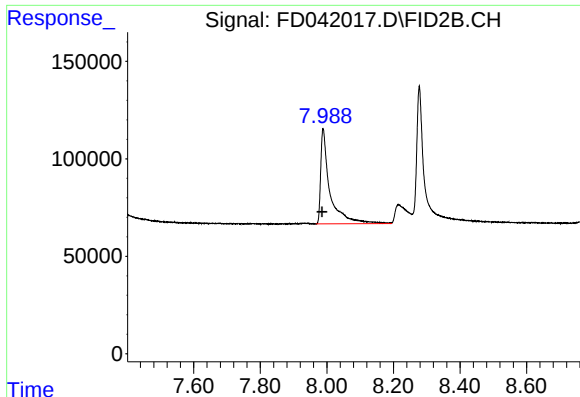
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 772146
Conc: 5.43 ug/ml



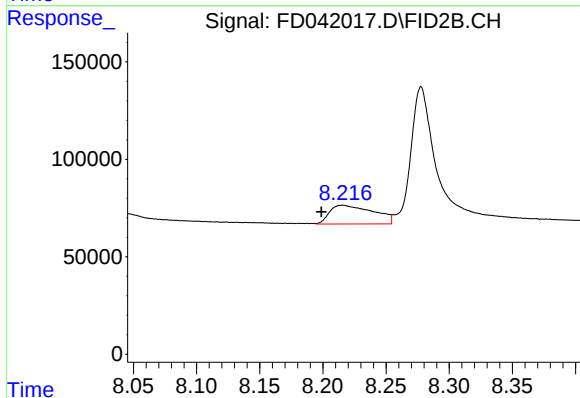
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: 0.006 min
Response: 748819
Conc: 5.44 ug/ml



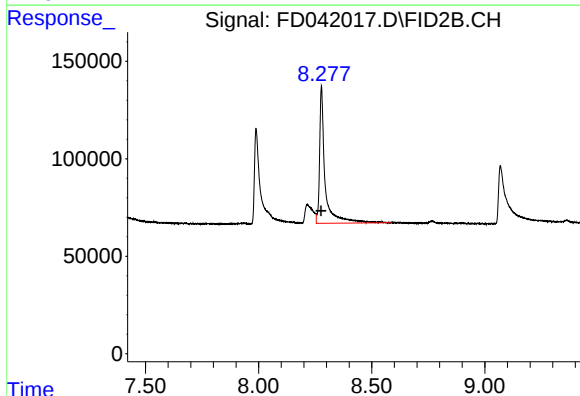
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: 0.004 min
Response: 939710
Conc: 5.91 ug/ml



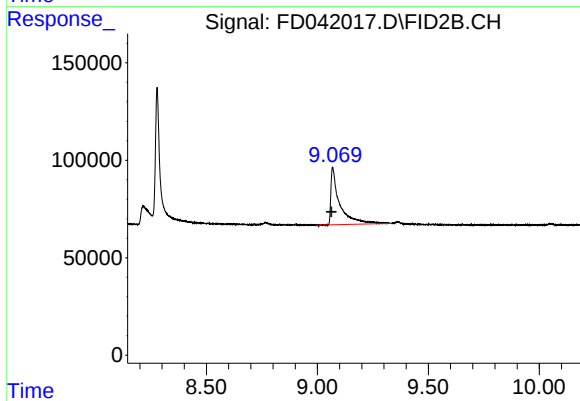
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.216 min
Delta R.T.: 0.017 min
Response: 232084
Conc: 3.00 ug/ml



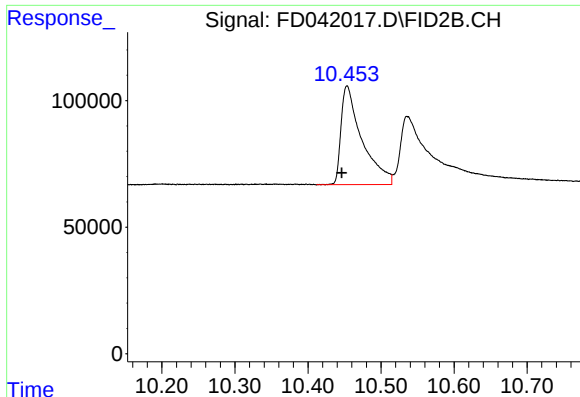
#7 Acenaphthene (C15.5)

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 1193223
Conc: 6.82 ug/ml



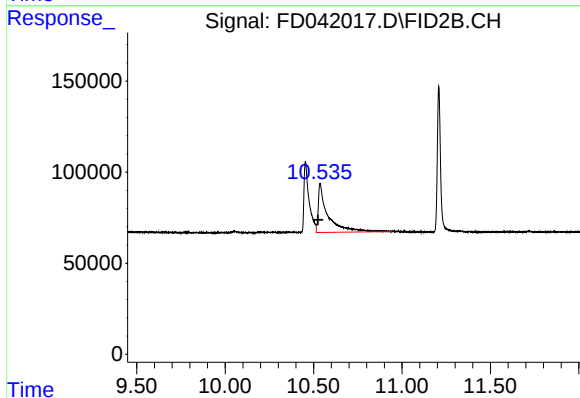
#8 Flouorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.007 min
Response: 814845
Conc: 5.44 ug/ml



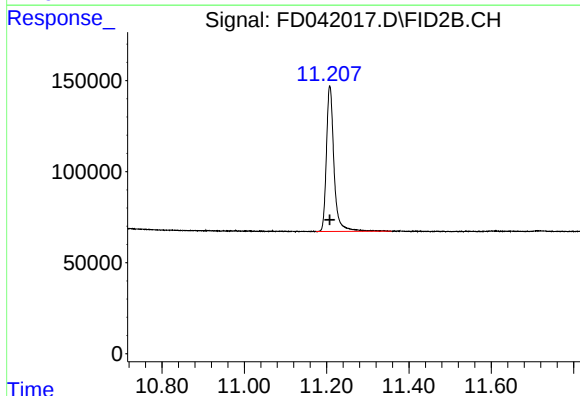
#9 Phenanthrene (C19.36)

R.T.: 10.454 min
Delta R.T.: 0.008 min
Response: 774642
Conc: 5.27 ug/ml



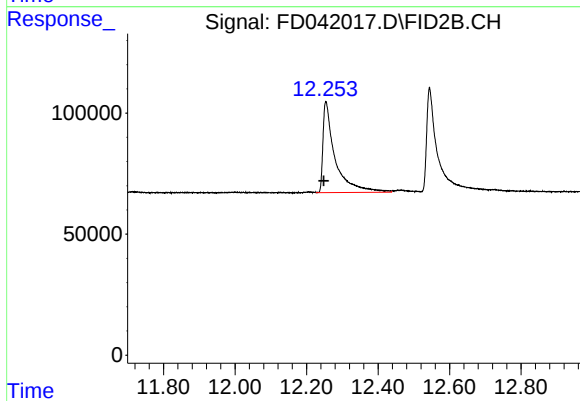
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: 0.011 min
Response: 1027783
Conc: 6.51 ug/ml



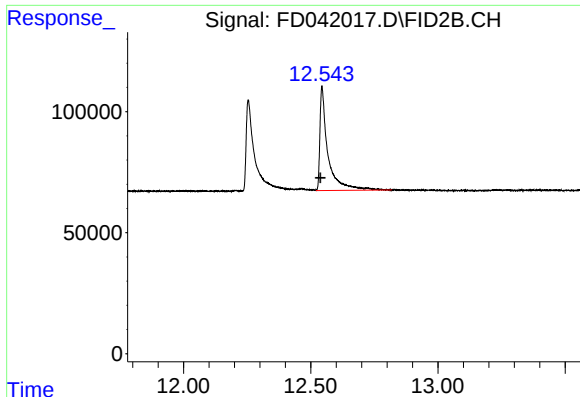
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 1024789
Conc: 6.19 ug/ml



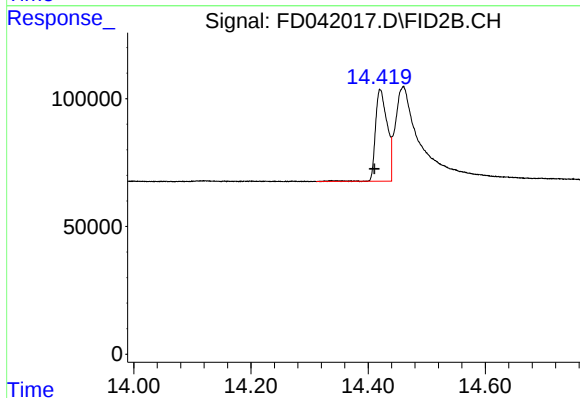
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: 0.007 min
Response: 885033
Conc: 5.83 ug/ml



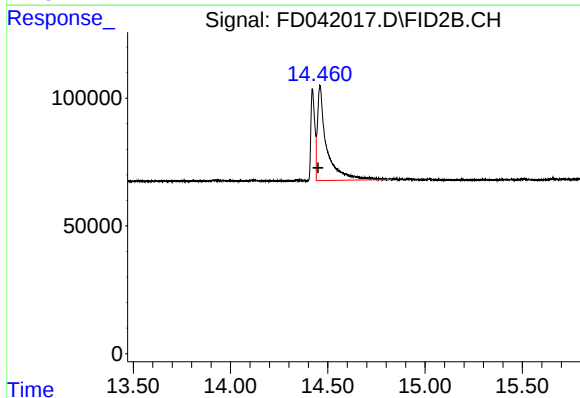
#13 Pyrene (C20.8)

R.T.: 12.545 min
Delta R.T.: 0.006 min
Response: 937367
Conc: 5.97 ug/ml



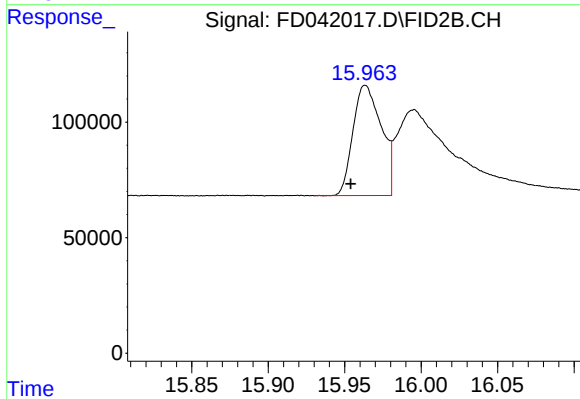
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: 0.011 min
Response: 496728
Conc: 3.98 ug/ml



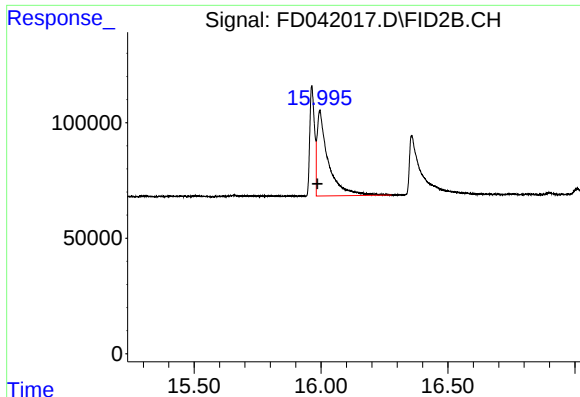
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: 0.010 min
Response: 1236553
Conc: 7.38 ug/ml



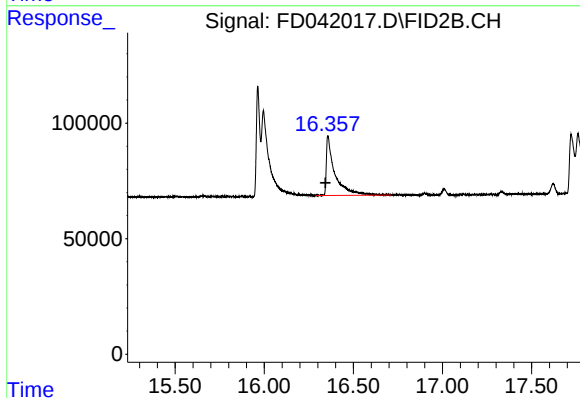
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.964 min
Delta R.T.: 0.010 min
Response: 614591
Conc: 4.61 ug/ml



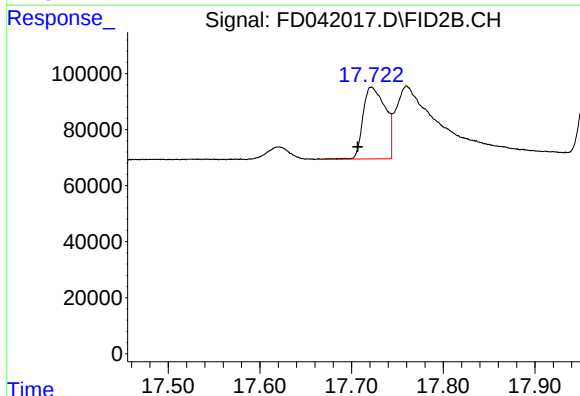
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.995 min
Delta R.T.: 0.009 min
Response: 1139644
Conc: 7.16 ug/ml



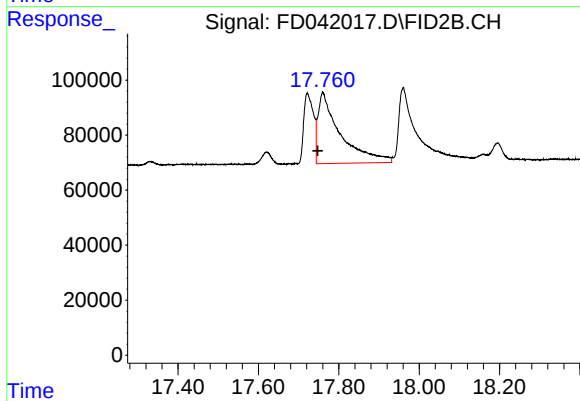
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.358 min
Delta R.T.: 0.015 min
Response: 862865
Conc: 6.11 ug/ml



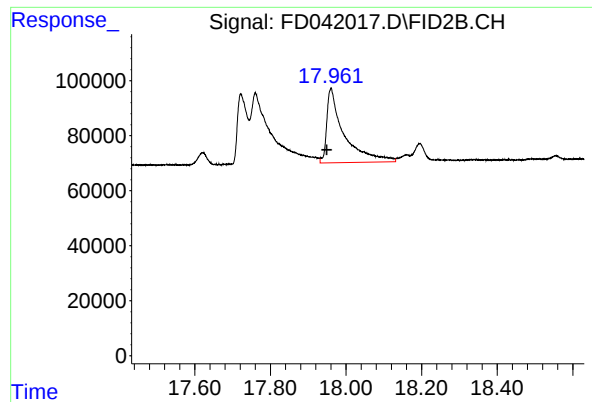
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: 0.015 min
Response: 432571
Conc: 4.19 ug/ml



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

R.T.: 17.761 min
Delta R.T.: 0.013 min
Response: 999565
Conc: 6.84 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.011 min
Response: 857430
Conc: 6.58 ug/ml