

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419A\
 Data File : FD030993.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2019 23:28
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:35:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:27:52 2019
 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...	7.558	405761	4.065 ug/ml
Spiked Amount 50.000		Recovery =	8.13%
6) S 2-Fluorobiphenyl (SURR)	8.424	252798	3.780 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.56%
11) S ortho-Terphenyl (SURR)	11.440	534608	4.773 ug/ml
Spiked Amount 50.000		Recovery =	9.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	436943	4.252 ug/ml
2) T Naphthalene (C11.7)	5.904	404787	3.788 ug/ml
3) T 2-Methylnaphthalene (...)	6.951	418159	3.887 ug/ml
5) T Acenaphthylene (C15.06)	8.218	457953	4.285 ug/ml
7) T Acenaphthene (C15.5)	8.510	499735	4.457 ug/ml
8) T Fluorene (C16.55)	9.297	434249	4.001 ug/ml
9) T Phenanthrene (C19.36)	10.685	446264	4.094 ug/ml
10) T Anthracene (C19.43)	10.762	449426	4.104 ug/ml
12) T Fluoranthene (C21.85)	12.488	470151	4.265 ug/ml
13) T Pyrene (C20.8)	12.783	463731	4.146 ug/ml
14) T Benzo[a]anthracene (C...	14.651	388839	3.818 ug/ml
15) T Chrysene (C27.41)	14.693	544906	4.884 ug/ml
16) T benzo[b]fluoranthene ...	16.194	405494	3.974 ug/ml
17) T Bnezo[k]fluoranthene ...	16.225	558870	5.075 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.581	410169	3.920 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	355955	3.832 ug/ml
20) T Dibenz[a,h]anthracene...	17.978	507047	4.685 ug/ml
21) T Benzo[g,h,i]perylene ...	18.189	425794	4.328 ug/ml

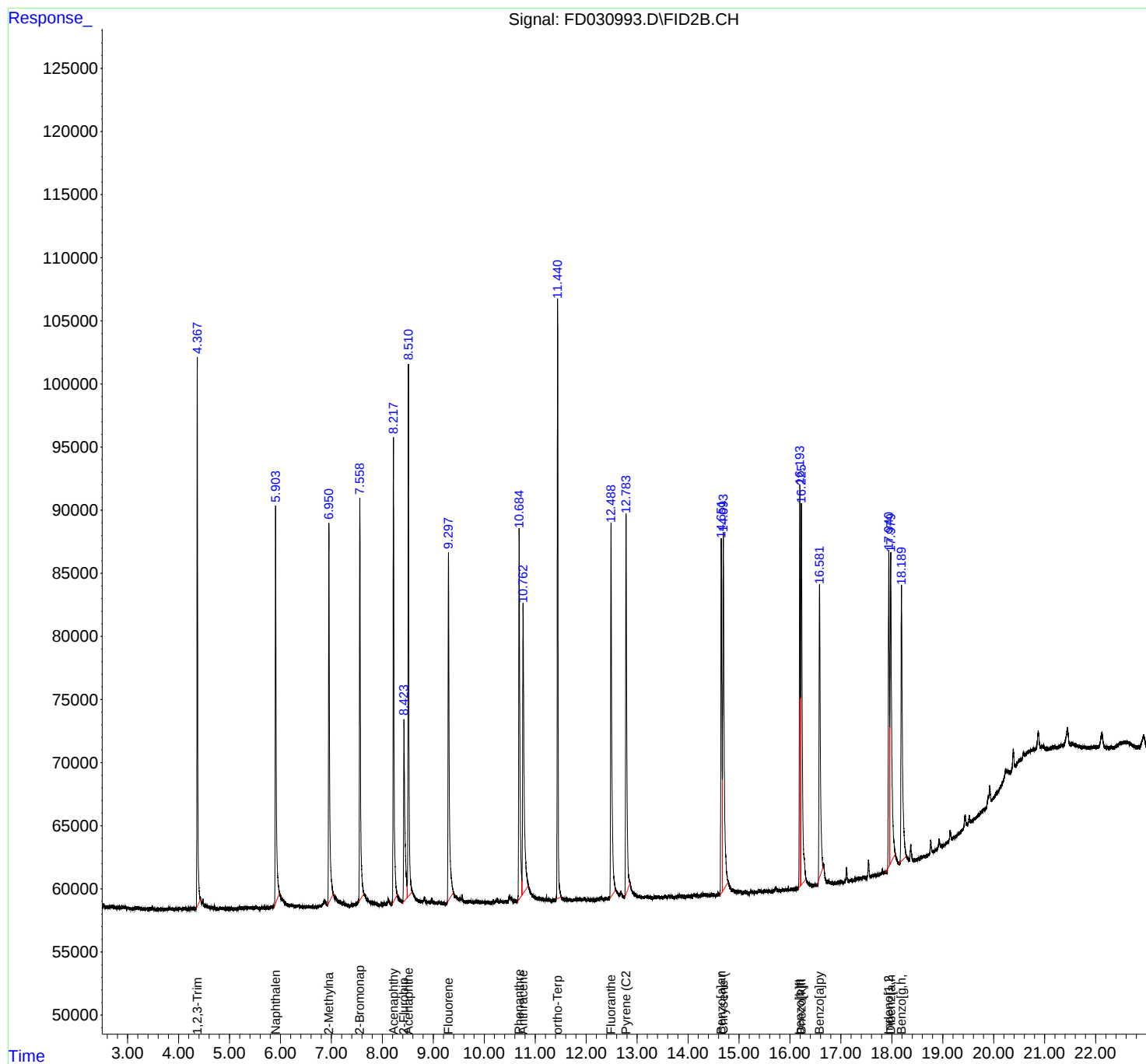
(f)=RT Delta > 1/2 Window

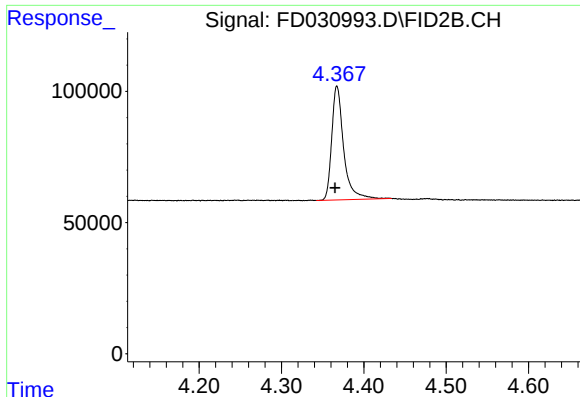
(m)=manual int.

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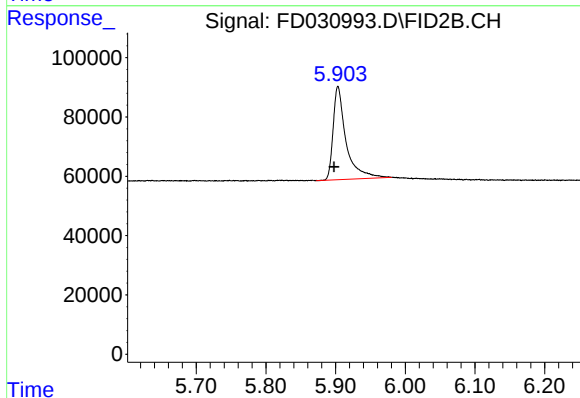
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





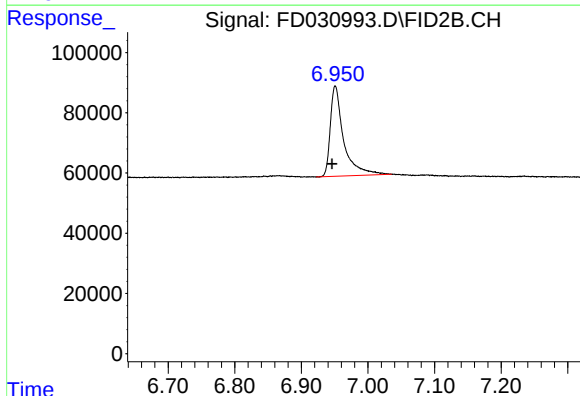
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 436943
Conc: 4.25 ug/ml



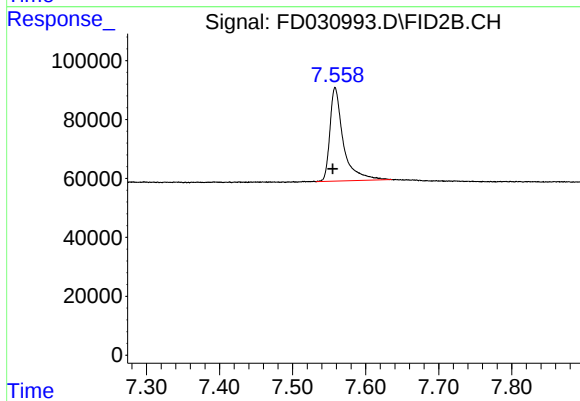
#2 Naphthalene (C11.7)

R.T.: 5.904 min
Delta R.T.: 0.006 min
Response: 404787
Conc: 3.79 ug/ml



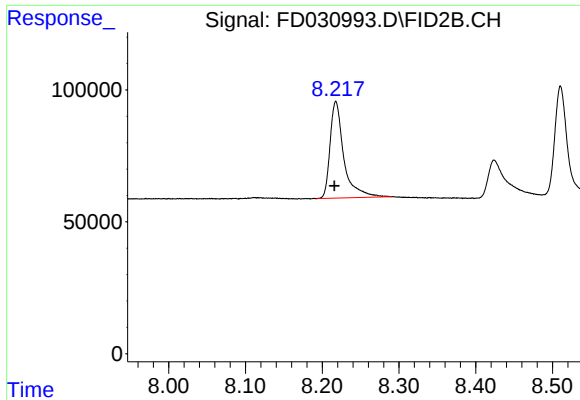
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: 0.005 min
Response: 418159
Conc: 3.89 ug/ml



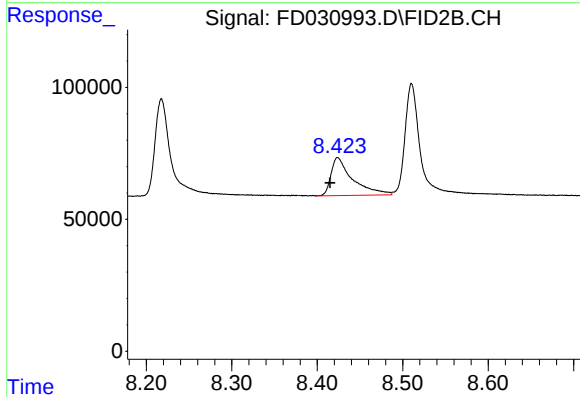
#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: 0.003 min
Response: 405761
Conc: 4.06 ug/ml



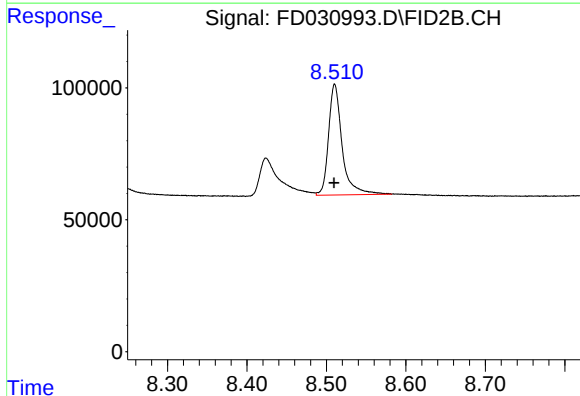
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: 0.002 min
Response: 457953
Conc: 4.29 ug/ml



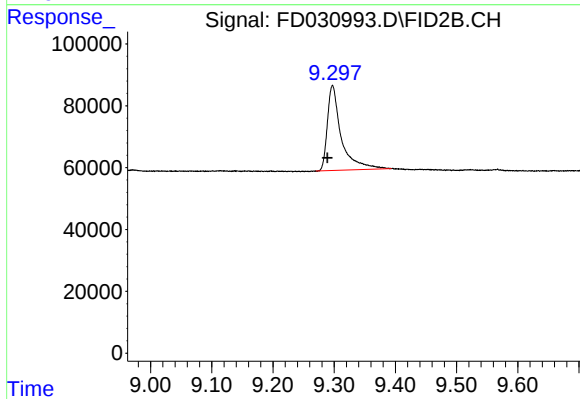
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.424 min
Delta R.T.: 0.009 min
Response: 252798
Conc: 3.78 ug/ml



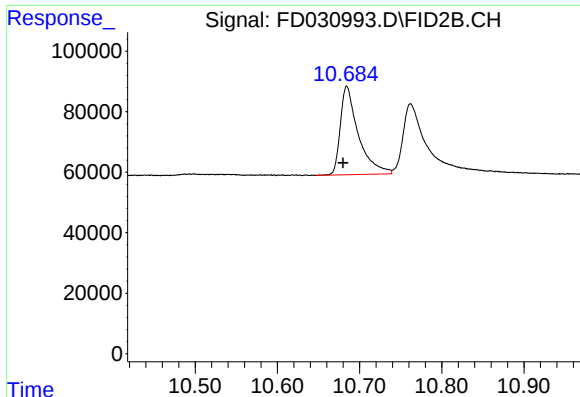
#7 Acenaphthene (C15.5)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 499735
Conc: 4.46 ug/ml



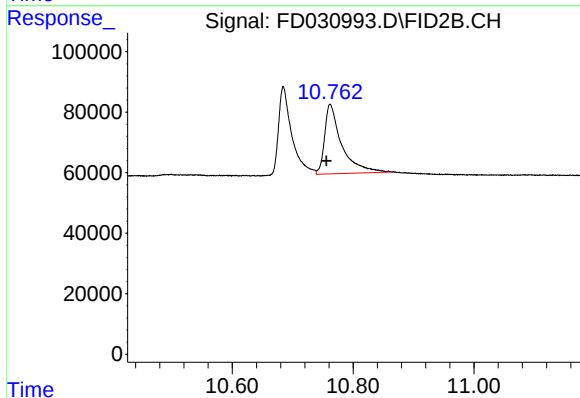
#8 Flouorene (C16.55)

R.T.: 9.297 min
Delta R.T.: 0.008 min
Response: 434249
Conc: 4.00 ug/ml



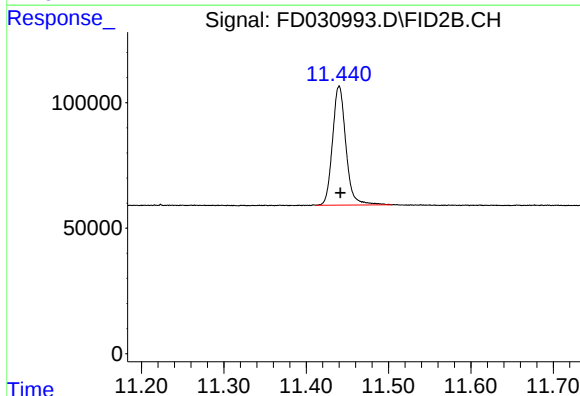
#9 Phenanthrene (C19.36)

R.T.: 10.685 min
Delta R.T.: 0.005 min
Response: 446264
Conc: 4.09 ug/ml



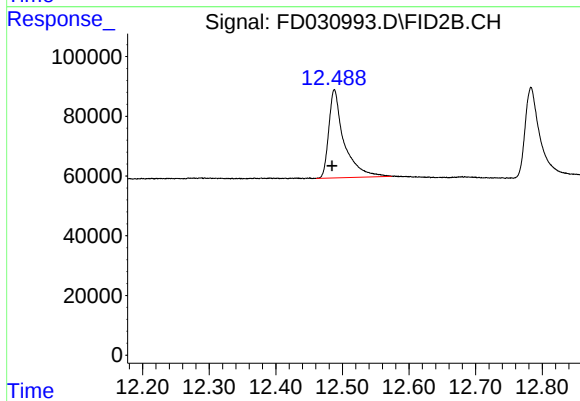
#10 Anthracene (C19.43)

R.T.: 10.762 min
Delta R.T.: 0.007 min
Response: 449426
Conc: 4.10 ug/ml



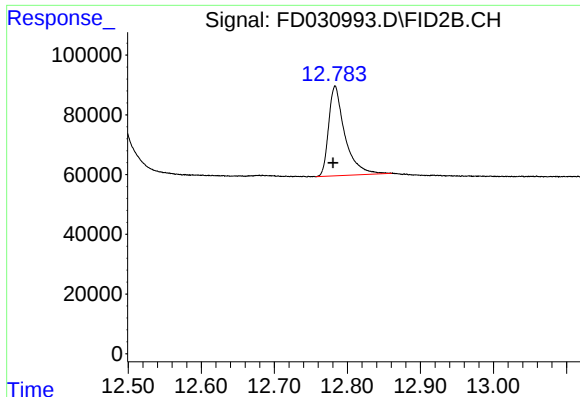
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.001 min
Response: 534608
Conc: 4.77 ug/ml



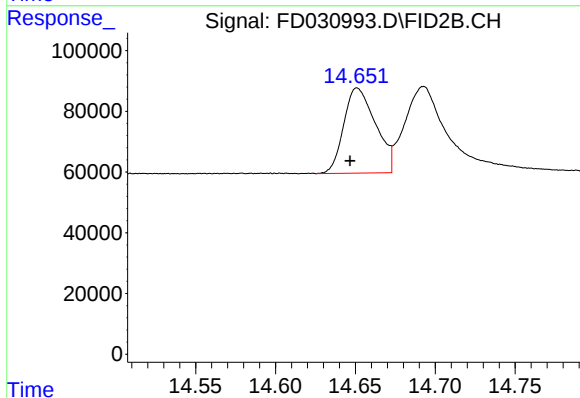
#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: 0.003 min
Response: 470151
Conc: 4.27 ug/ml



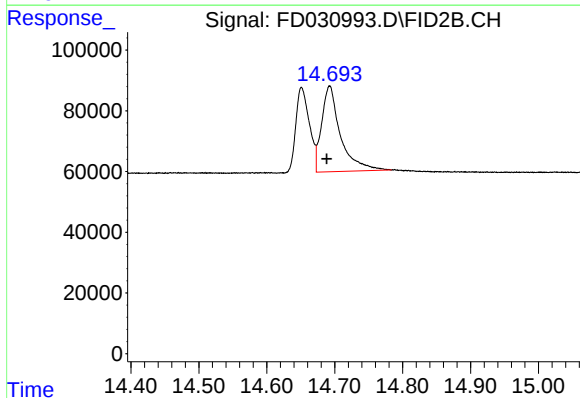
#13 Pyrene (C20.8)

R.T.: 12.783 min
Delta R.T.: 0.003 min
Response: 463731
Conc: 4.15 ug/ml



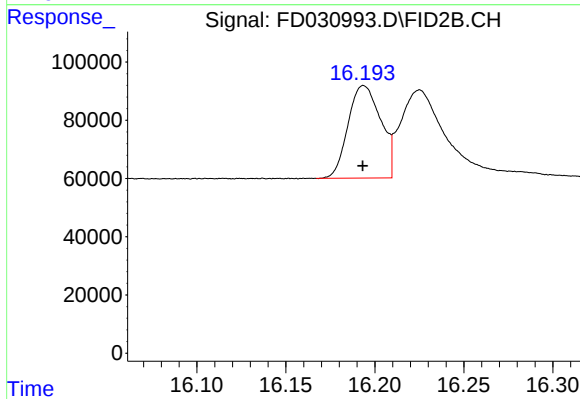
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.651 min
Delta R.T.: 0.005 min
Response: 388839
Conc: 3.82 ug/ml



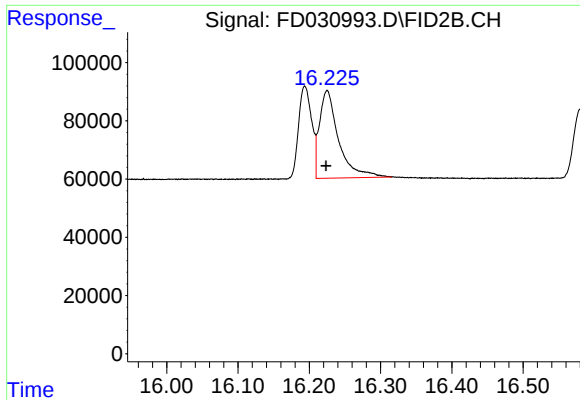
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: 0.004 min
Response: 544906
Conc: 4.88 ug/ml



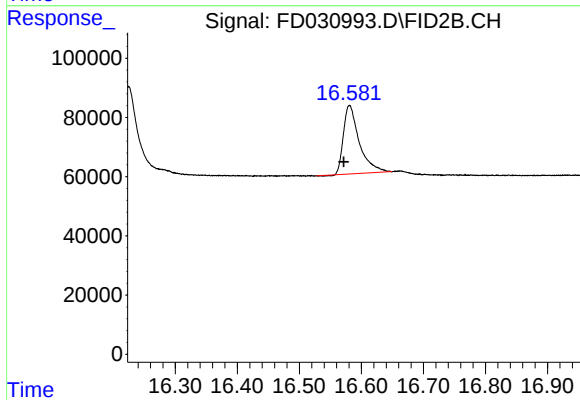
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.194 min
Delta R.T.: 0.000 min
Response: 405494
Conc: 3.97 ug/ml



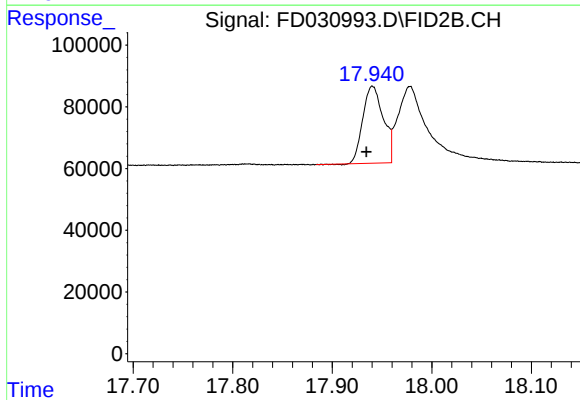
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.225 min
Delta R.T.: 0.001 min
Response: 558870
Conc: 5.07 ug/ml



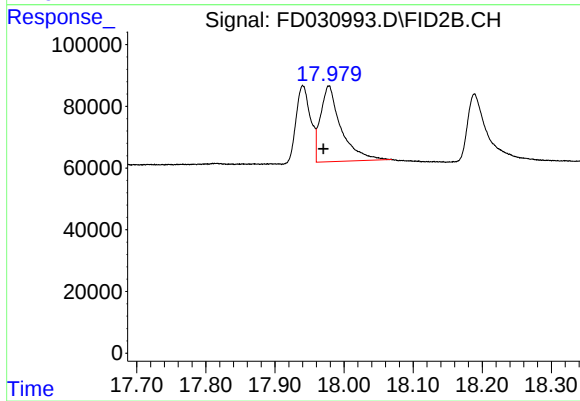
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.581 min
Delta R.T.: 0.009 min
Response: 410169
Conc: 3.92 ug/ml



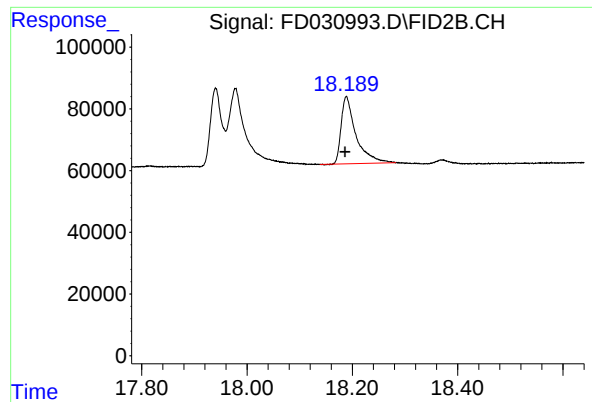
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.006 min
Response: 355955
Conc: 3.83 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.008 min
Response: 507047
Conc: 4.69 ug/ml



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

R.T.: 18.189 min
Delta R.T.: 0.002 min
Response: 425794
Conc: 4.33 ug/ml