

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02223AR\
 Data File : FD045123.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2023 05:00
 Operator : YP/AJ
 Sample : 01627-07
 Misc : 4 PPM WATER LOD
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 23 05:57:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.556	7057659	52.622 ug/ml
Spiked Amount 50.000		Recovery =	105.24%
6) S 2-Fluorobiphenyl (SURR)	8.413	4614350	51.488 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.98%
11) S ortho-Terphenyl (SURR)	11.453	7006032	41.655 ug/ml
Spiked Amount 50.000		Recovery =	83.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	522954	3.493 ug/ml
2) T Naphthalene (C11.7)	5.894	593710	3.781 ug/ml
3) T 2-Methylnaphthalene (...)	6.942	589935	3.771 ug/ml
5) T Acenaphthylene (C15.06)	8.213	562629	3.940 ug/ml
7) T Acenaphthene (C15.5)	8.508	587227	3.894 ug/ml
8) T Fluorene (C16.55)	9.286	598589	4.061 ug/ml
9) T Phenanthrene (C19.36)	10.677	585151	4.042 ug/ml
10) T Anthracene (C19.43)	10.750	558952	4.128 ug/ml
12) T Fluoranthene (C21.85)	12.481	571844	3.990 ug/ml
13) T Pyrene (C20.8)	12.776	568885	4.063 ug/ml
14) T Benzo[a]anthracene (C...	14.680	535358	4.208 ug/ml
15) T Chrysene (C27.41)	14.729	72906	0.551 ug/ml
16) T benzo[b]fluoranthene ...	16.212	519433	3.961 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	519433	4.006 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.556	475231	3.702 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.955	485219	3.863 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	485219	3.967 ug/ml
21) T Benzo[g,h,i]perylene ...	18.163	495278	3.904 ug/ml

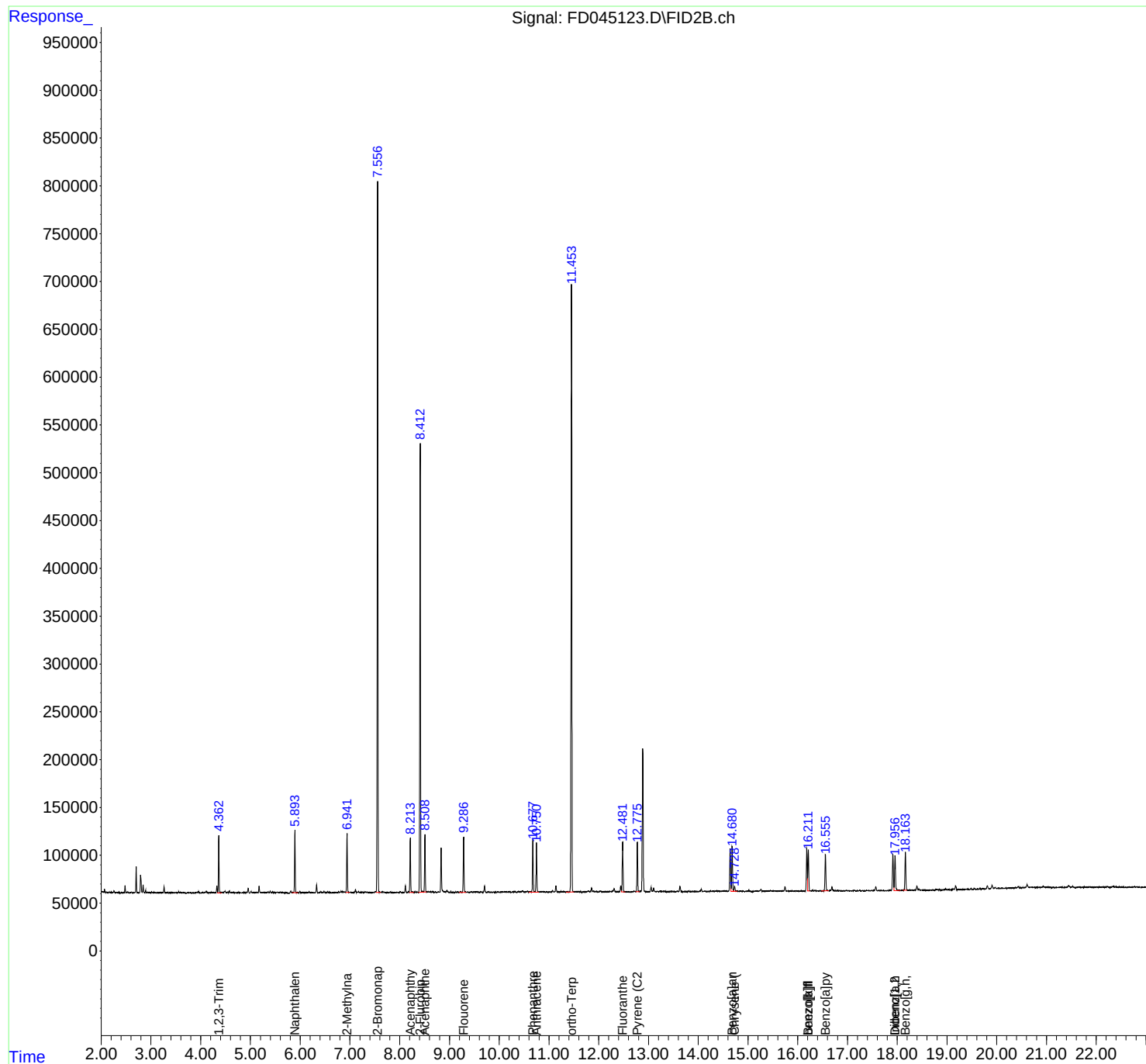
(f)=RT Delta > 1/2 Window

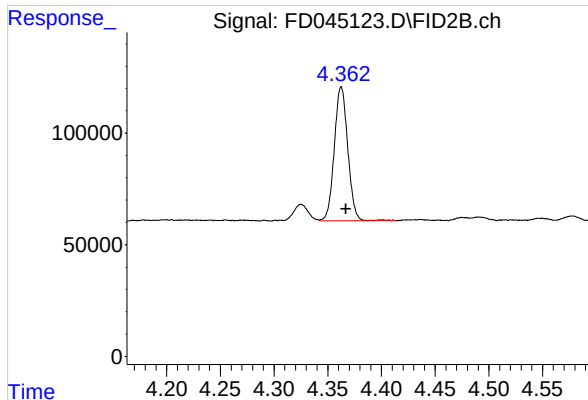
(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022223AR\
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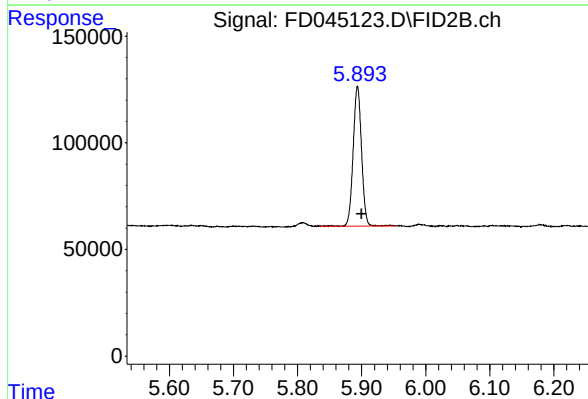
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





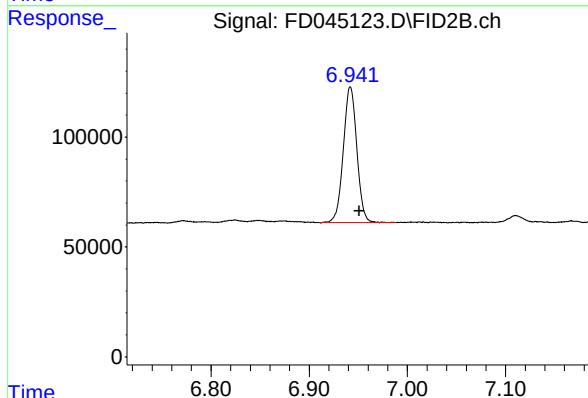
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 522954
Conc: 3.49 ug/ml



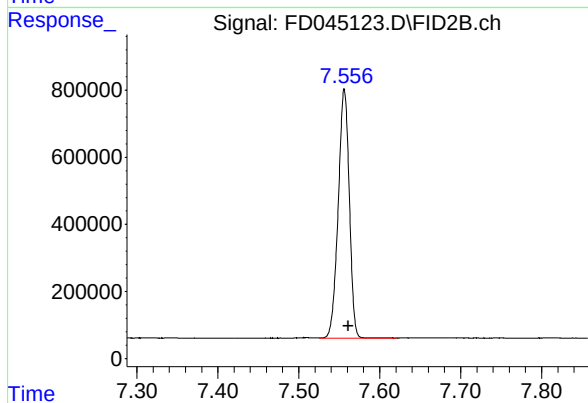
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.007 min
Response: 593710
Conc: 3.78 ug/ml



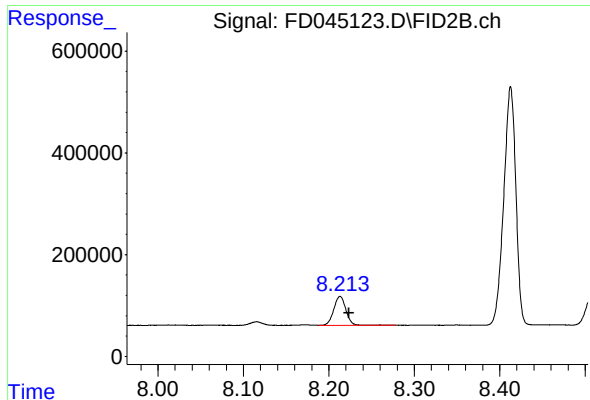
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.942 min
Delta R.T.: -0.009 min
Response: 589935
Conc: 3.77 ug/ml



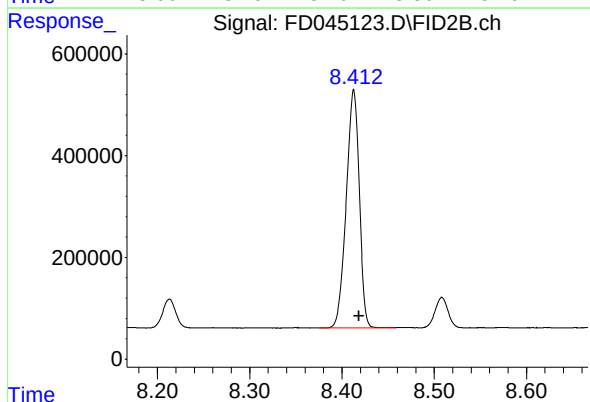
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 7057659
Conc: 52.62 ug/ml



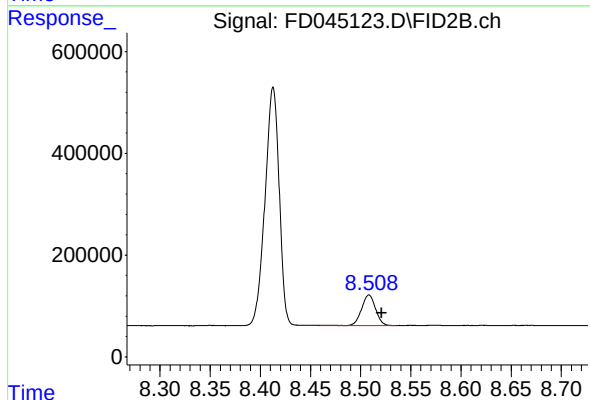
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.010 min
Response: 562629
Conc: 3.94 ug/ml



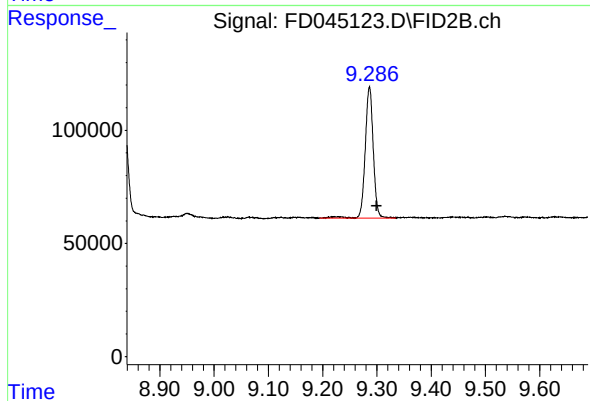
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.006 min
Response: 4614350
Conc: 51.49 ug/ml



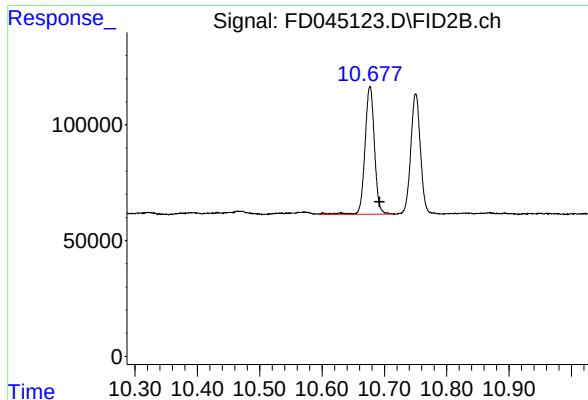
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.013 min
Response: 587227
Conc: 3.89 ug/ml



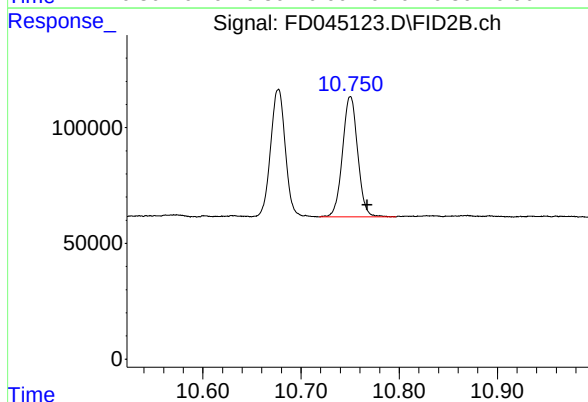
#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: -0.013 min
Response: 598589
Conc: 4.06 ug/ml



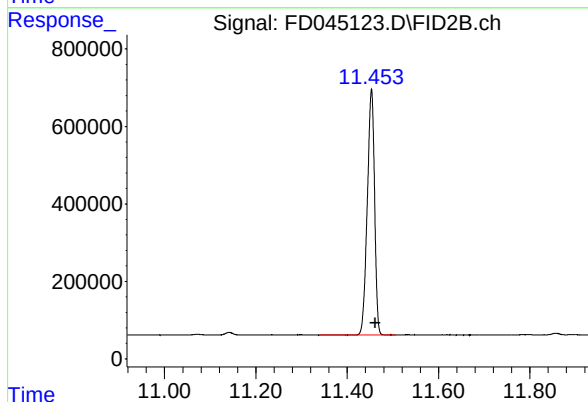
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.015 min
Response: 585151
Conc: 4.04 ug/ml



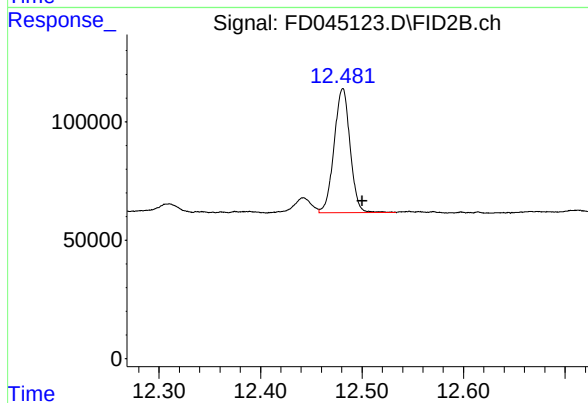
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: -0.017 min
Response: 558952
Conc: 4.13 ug/ml



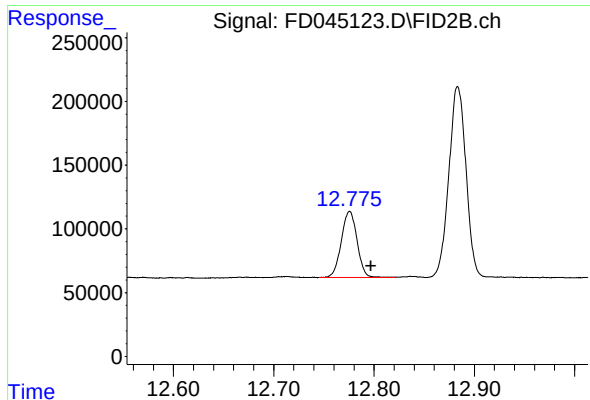
#11 ortho-Terphenyl (SURR)

R.T.: 11.453 min
Delta R.T.: -0.009 min
Response: 7006032
Conc: 41.66 ug/ml



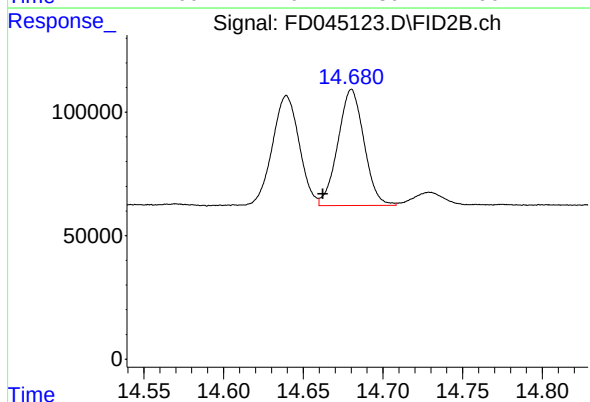
#12 Fluoranthene (C21.85)

R.T.: 12.481 min
Delta R.T.: -0.020 min
Response: 571844
Conc: 3.99 ug/ml



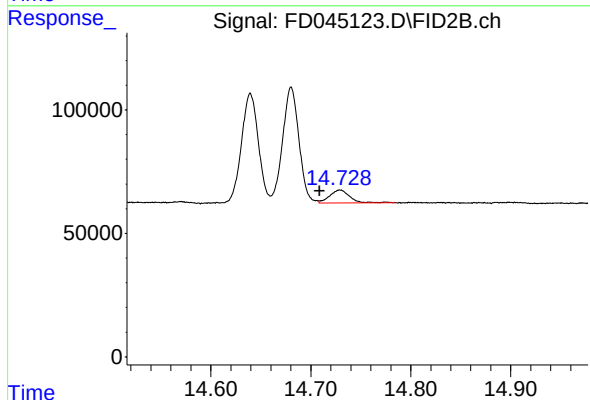
#13 Pyrene (C20.8)

R.T.: 12.776 min
Delta R.T.: -0.021 min
Response: 568885
Conc: 4.06 ug/ml



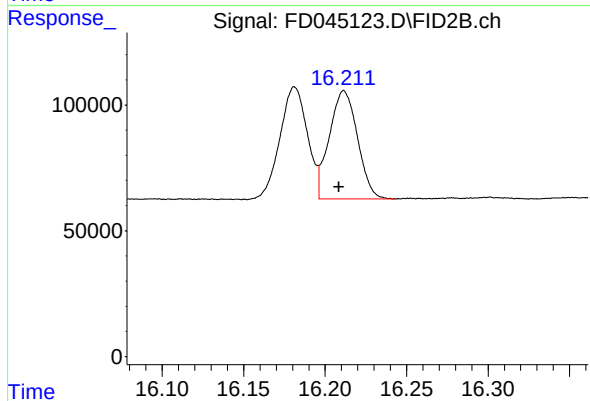
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.018 min
Response: 535358
Conc: 4.21 ug/ml



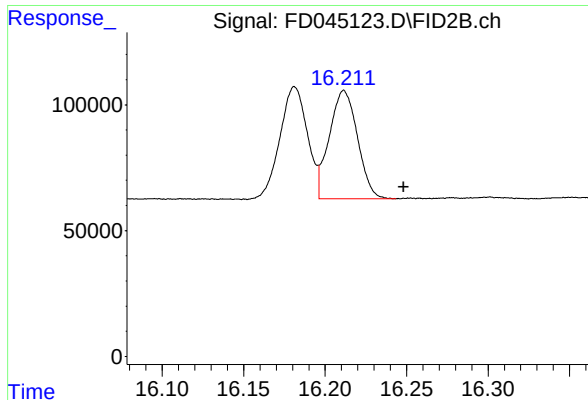
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: 0.020 min
Response: 72906
Conc: 0.55 ug/ml



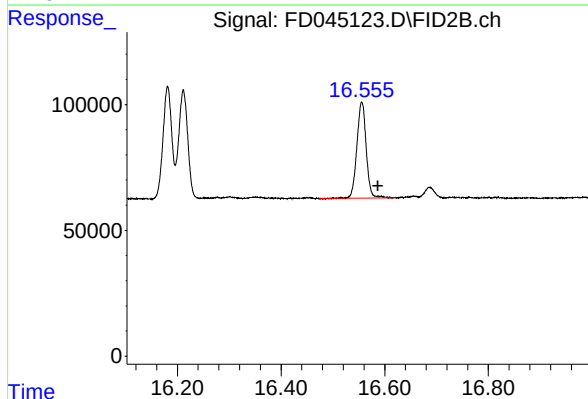
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.212 min
Delta R.T.: 0.003 min
Response: 519433
Conc: 3.96 ug/ml



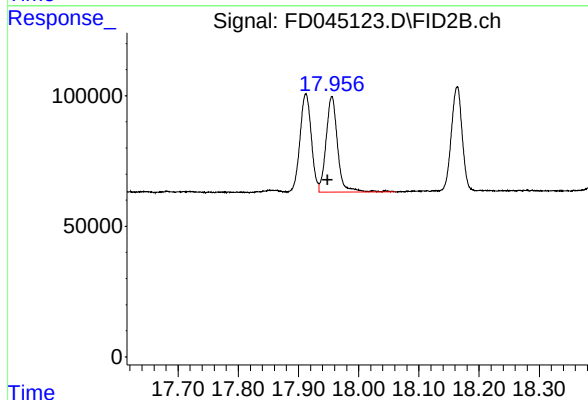
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.212 min
Delta R.T.: -0.037 min
Response: 519433
Conc: 4.01 ug/ml



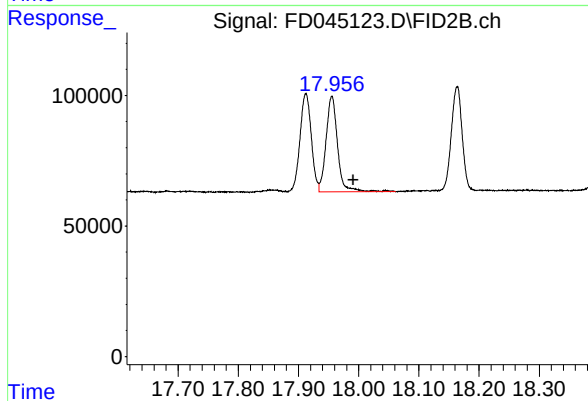
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.556 min
Delta R.T.: -0.031 min
Response: 475231
Conc: 3.70 ug/ml



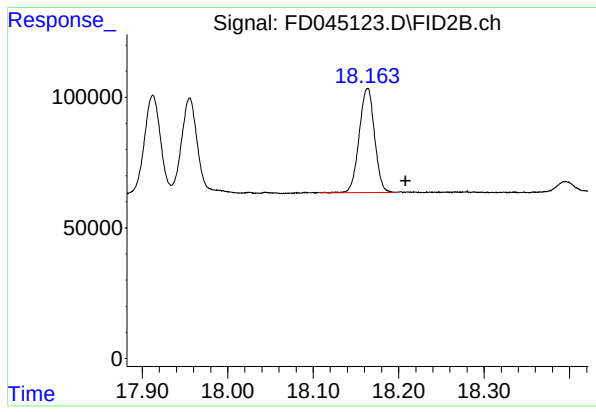
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min
Delta R.T.: 0.007 min
Response: 485219
Conc: 3.86 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.036 min
Response: 485219
Conc: 3.97 ug/ml



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

R.T.: 18.163 min
Delta R.T.: -0.045 min
Response: 495278
Conc: 3.90 ug/ml