

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071119AR\
 Data File : FD029733.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2019 11:00
 Operator : DD\AJ
 Sample : K3591-01
 Misc : AR LOD 4 PPM
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:27:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.697	5859014	37.026 ug/ml
Spiked Amount 50.000		Recovery =	74.05%
6) S 2-Fluorobiphenyl (SURR)	8.560	3966290	36.924 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.85%
11) S ortho-Terphenyl (SURR)	11.598	7365423	43.400 ug/ml
Spiked Amount 50.000		Recovery =	86.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.497	645873	3.820 ug/ml
2) T Naphthalene (C11.7)	6.035	695252	3.885 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	679000	3.849 ug/ml
5) T Acenaphthylene (C15.06)	8.361	657989	3.887 ug/ml
7) T Acenaphthene (C15.5)	8.655	686838	3.898 ug/ml
8) T Fluorene (C16.55)	9.433	680708	3.896 ug/ml
9) T Phenanthrene (C19.36)	10.828	670753	3.868 ug/ml
10) T Anthracene (C19.43)	10.902	642519	3.800 ug/ml
12) T Fluoranthene (C21.85)	12.635	666256	3.891 ug/ml
13) T Pyrene (C20.8)	12.931	664188	3.904 ug/ml
14) T Benzo[a]anthracene (C...	14.795	597269	3.831 ug/ml
15) T Chrysene (C27.41)	14.837	602122	3.863 ug/ml
16) T benzo[b]fluoranthene ...	16.340	558827	3.827 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	554634	3.835 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	529348	3.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	461074	3.619 ug/ml
20) T Dibenz[a,h]anthracene...	18.114	495774	3.964 ug/ml
21) T Benzo[g,h,i]perylene ...	18.328	462185	3.705 ug/ml

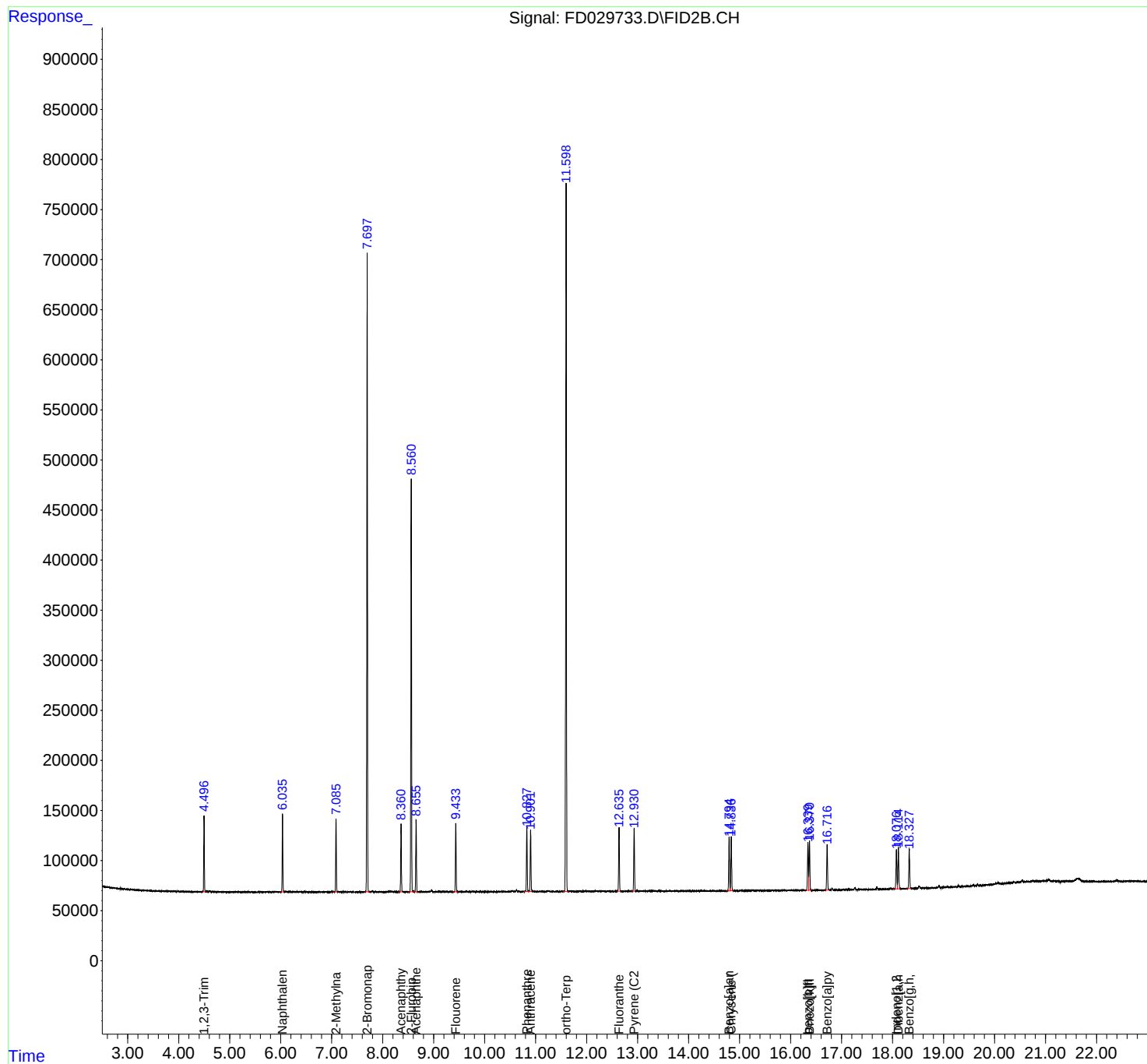
(f)=RT Delta > 1/2 Window

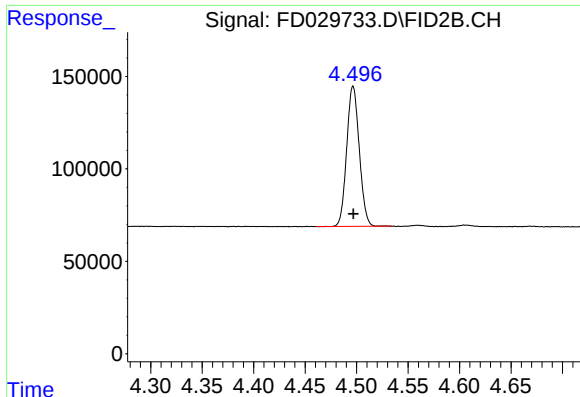
(m)=manual int.

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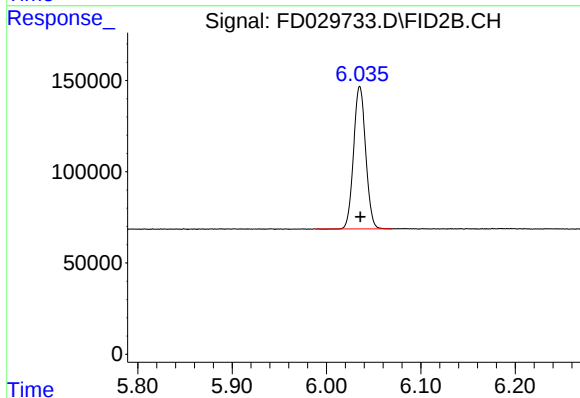
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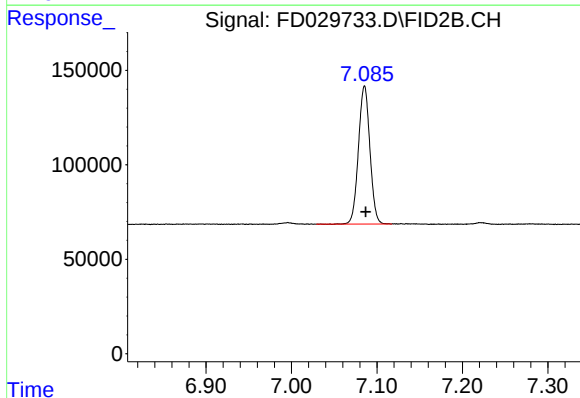
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 645873
Conc: 3.82 ug/ml



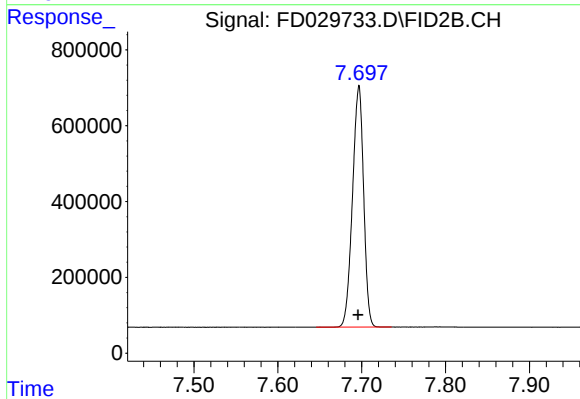
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 695252
Conc: 3.88 ug/ml



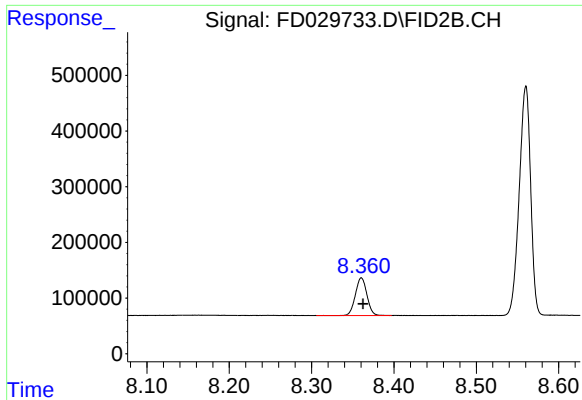
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 679000
Conc: 3.85 ug/ml



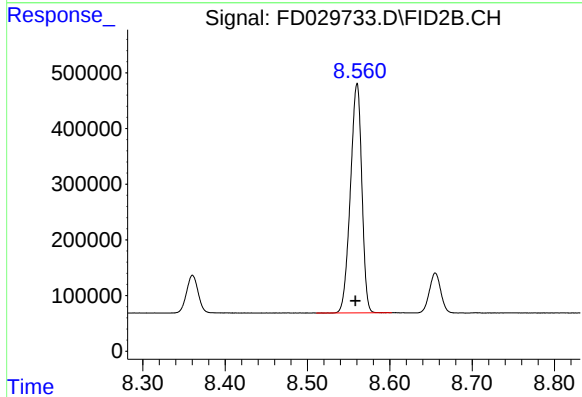
#4 2-Bromonaphthalene (SURR)

R.T.: 7.697 min
Delta R.T.: 0.001 min
Response: 5859014
Conc: 37.03 ug/ml



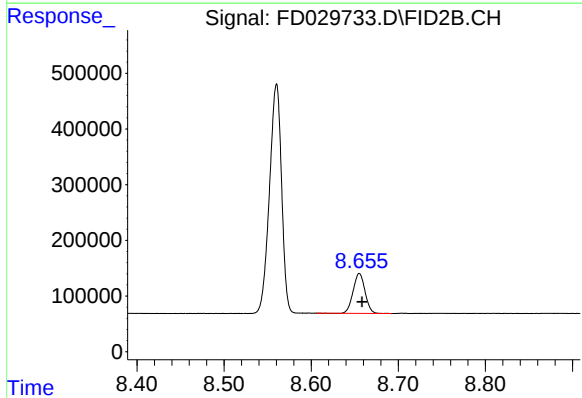
#5 Acenaphthylene (C15.06)

R.T.: 8.361 min
Delta R.T.: -0.002 min
Response: 657989
Conc: 3.89 ug/ml



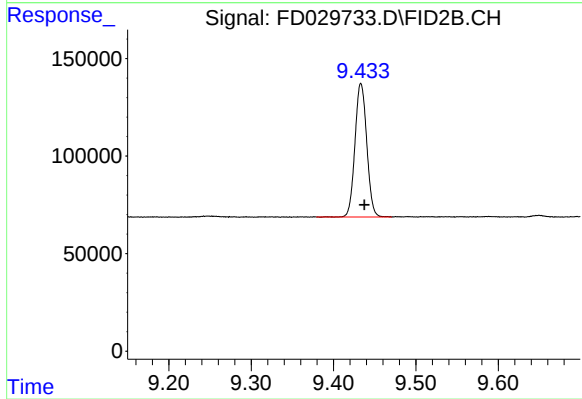
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 3966290
Conc: 36.92 ug/ml



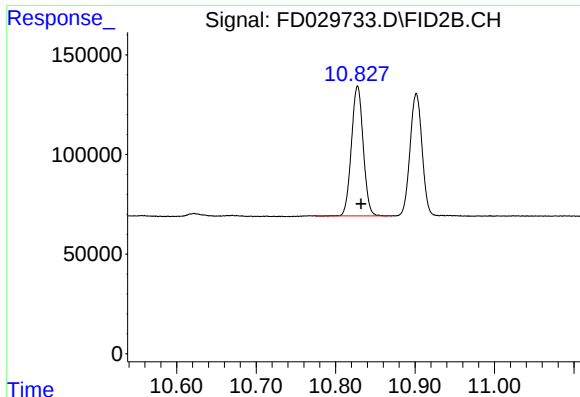
#7 Acenaphthene (C15.5)

R.T.: 8.655 min
Delta R.T.: -0.003 min
Response: 686838
Conc: 3.90 ug/ml



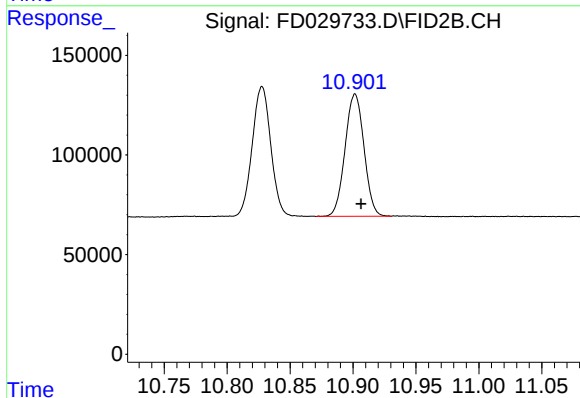
#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.004 min
Response: 680708
Conc: 3.90 ug/ml



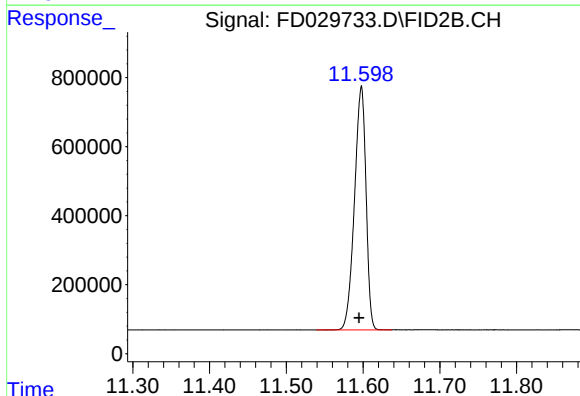
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.004 min
Response: 670753
Conc: 3.87 ug/ml



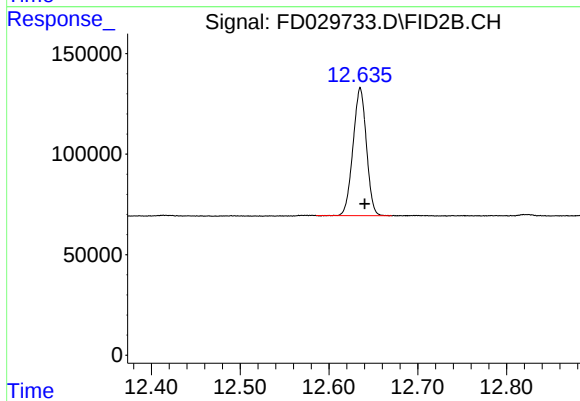
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.005 min
Response: 642519
Conc: 3.80 ug/ml



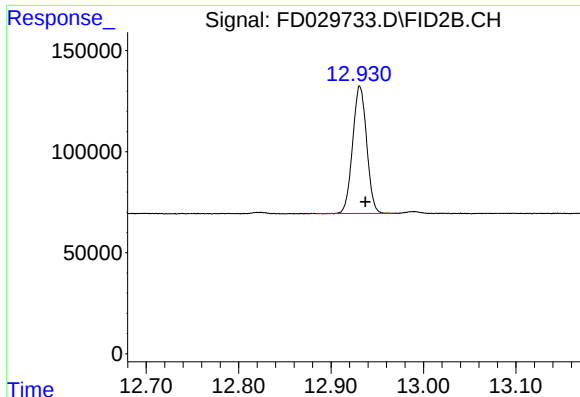
#11 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.003 min
Response: 7365423
Conc: 43.40 ug/ml



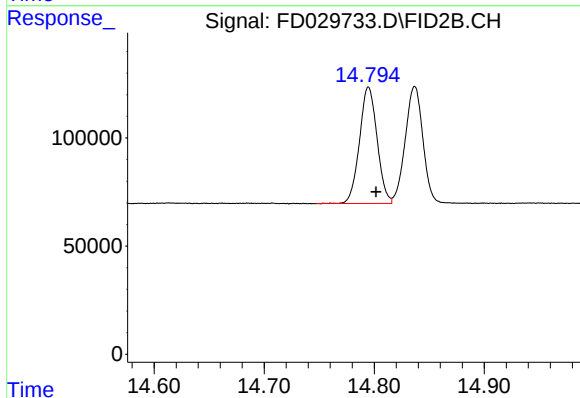
#12 Fluoranthene (C21.85)

R.T.: 12.635 min
Delta R.T.: -0.005 min
Response: 666256
Conc: 3.89 ug/ml



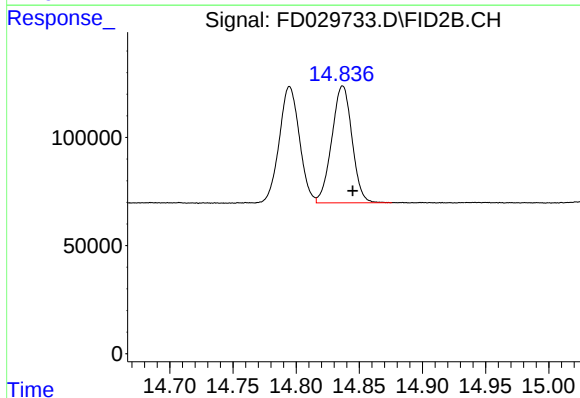
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: -0.006 min
Response: 664188
Conc: 3.90 ug/ml



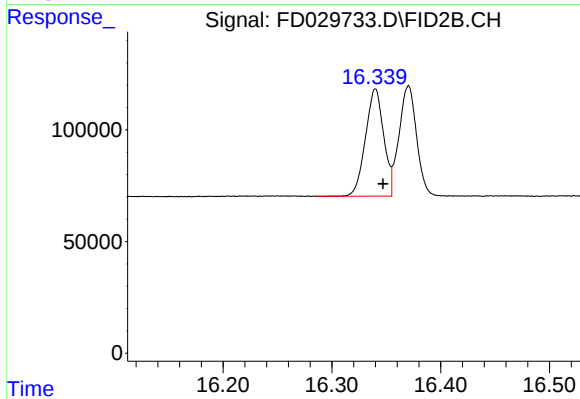
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: -0.007 min
Response: 597269
Conc: 3.83 ug/ml



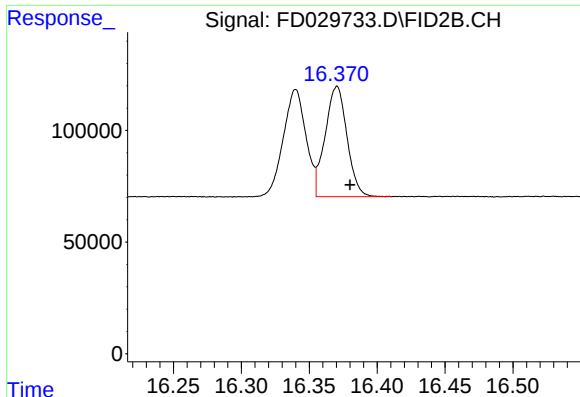
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: -0.008 min
Response: 602122
Conc: 3.86 ug/ml



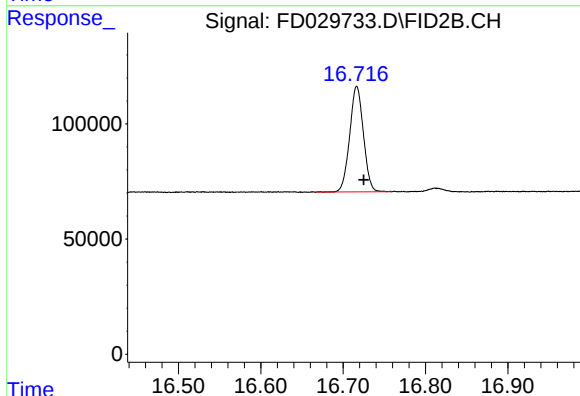
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.340 min
Delta R.T.: -0.007 min
Response: 558827
Conc: 3.83 ug/ml



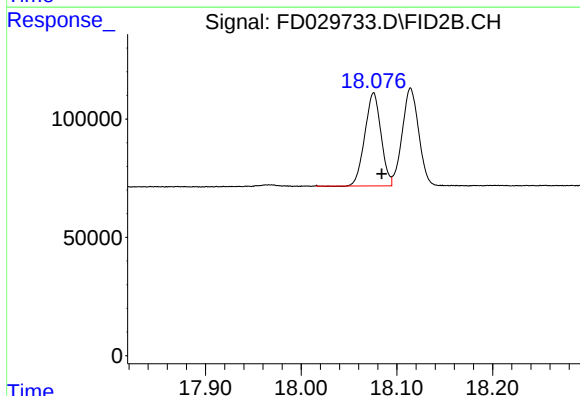
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: -0.010 min
Response: 554634
Conc: 3.83 ug/ml



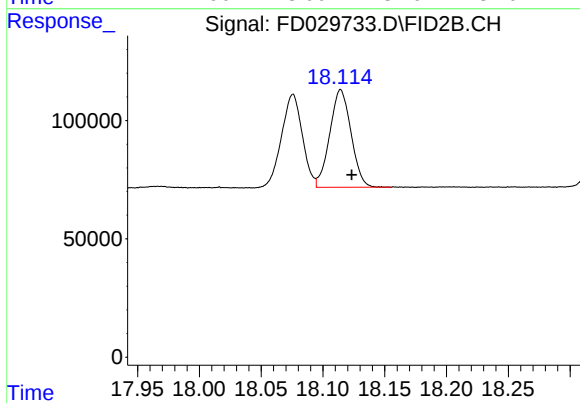
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: -0.008 min
Response: 529348
Conc: 3.77 ug/ml



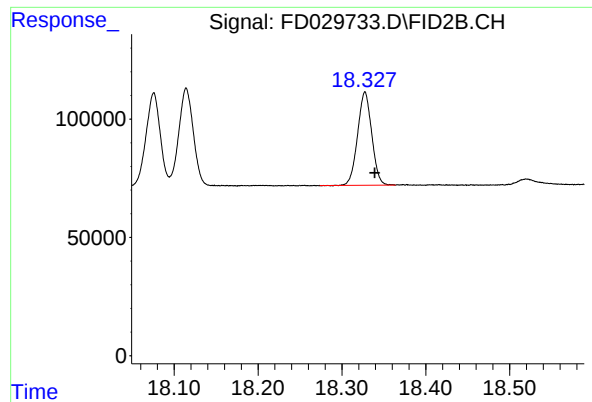
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: -0.008 min
Response: 461074
Conc: 3.62 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.009 min
Response: 495774
Conc: 3.96 ug/ml



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

R.T.: 18.328 min
Delta R.T.: -0.012 min
Response: 462185
Conc: 3.71 ug/ml