

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070820AR\
 Data File : FD033931.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jul 2020 5:59
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 08 06:31:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:21:36 2020
 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...	7.709	594928	4.942 ug/ml
Spiked Amount 50.000		Recovery =	9.88%
6) S 2-Fluorobiphenyl (SURR)	8.572	422700	4.984 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.97%
11) S ortho-Terphenyl (SURR)	11.616	676968	5.005 ug/ml
Spiked Amount 50.000		Recovery =	10.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.504	654491	4.944 ug/ml
2) T Naphthalene (C11.7)	6.046	689440	4.972 ug/ml
3) T 2-Methylnaphthalene (...)	7.099	693235	4.972 ug/ml
5) T Acenaphthylene (C15.06)	8.376	677830	5.052 ug/ml
7) T Acenaphthene (C15.5)	8.671	683546	4.993 ug/ml
8) T Fluorene (C16.55)	9.452	672127	4.999 ug/ml
9) T Phenanthrene (C19.36)	10.849	665925	4.979 ug/ml
10) T Anthracene (C19.43)	10.923	666350	5.027 ug/ml
12) T Fluoranthene (C21.85)	12.660	668256	5.037 ug/ml
13) T Pyrene (C20.8)	12.957	651911	5.036 ug/ml
14) T Benzo[a]anthracene (C...	14.824	623129	5.007 ug/ml
15) T Chrysene (C27.41)	14.866	623304	5.024 ug/ml
16) T benzo[b]fluoranthene ...	16.370	592995	4.980 ug/ml
17) T Bnezo[k]fluoranthene ...	16.402	584470	5.055 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.748	582667	5.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	545609	4.876 ug/ml
20) T Dibenz[a,h]anthracene...	18.149	563472	5.125 ug/ml
21) T Benzo[g,h,i]perylene ...	18.360	546683	4.938 ug/ml

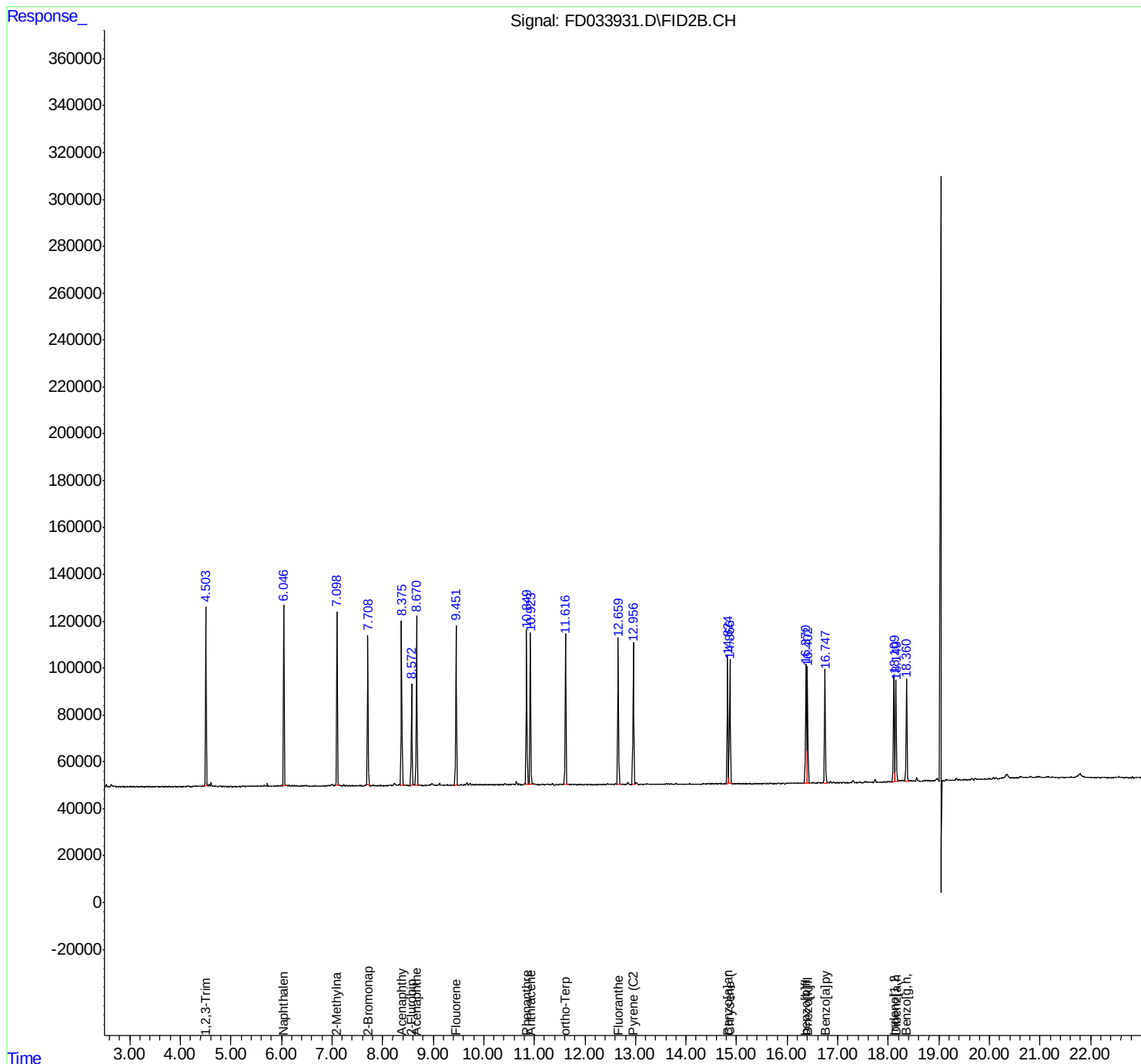
(f)=RT Delta > 1/2 Window

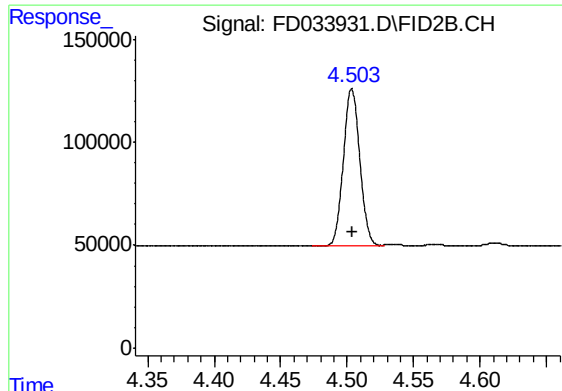
(m)=manual int.

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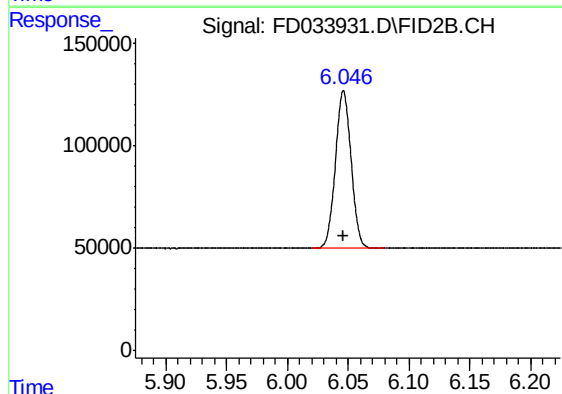
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





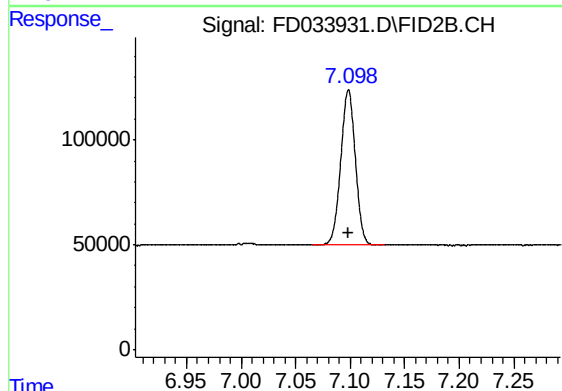
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 654491
Conc: 4.94 ug/ml



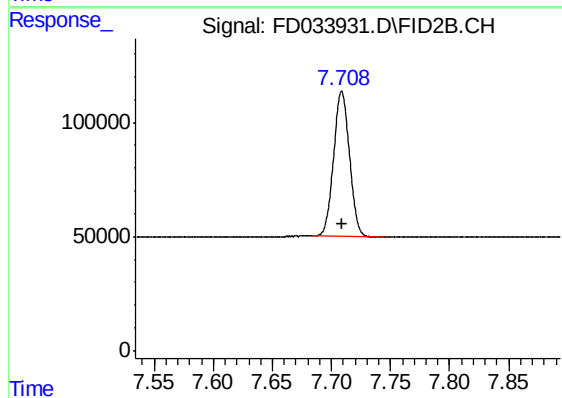
#2 Naphthalene (C11.7)

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 689440
Conc: 4.97 ug/ml



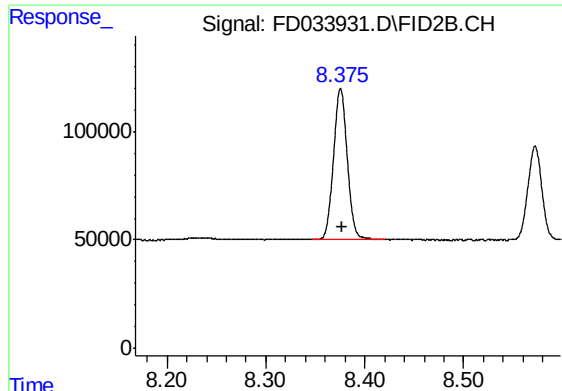
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 693235
Conc: 4.97 ug/ml



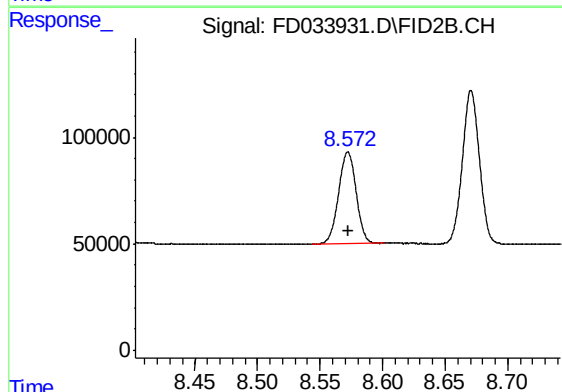
#4 2-Bromonaphthalene (SURR)

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 594928
Conc: 4.94 ug/ml



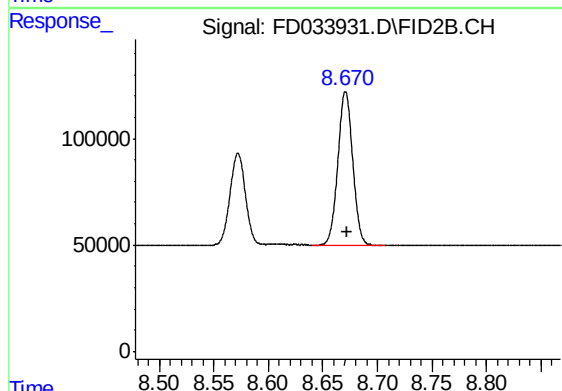
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: -0.001 min
Response: 677830
Conc: 5.05 ug/ml



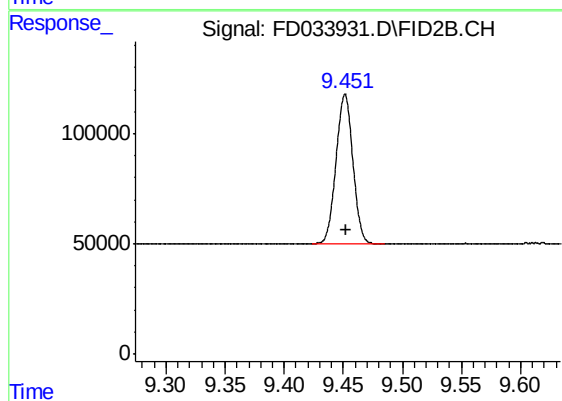
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 422700
Conc: 4.98 ug/ml



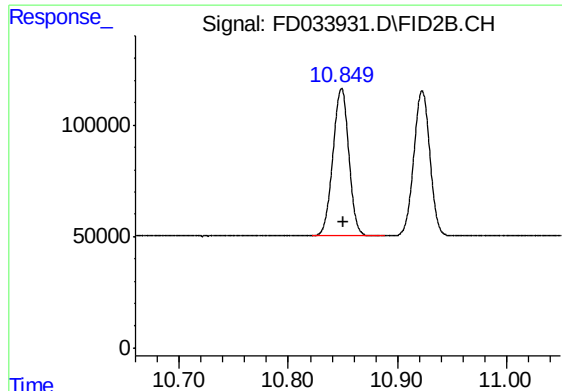
#7 Acenaphthene (C15.5)

R.T.: 8.671 min
Delta R.T.: -0.001 min
Response: 683546
Conc: 4.99 ug/ml



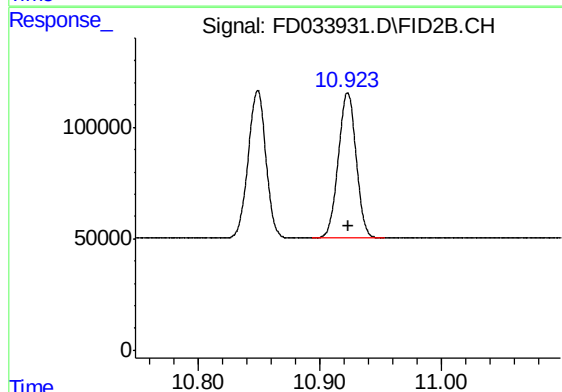
#8 Fluorene (C16.55)

R.T.: 9.452 min
Delta R.T.: -0.001 min
Response: 672127
Conc: 5.00 ug/ml



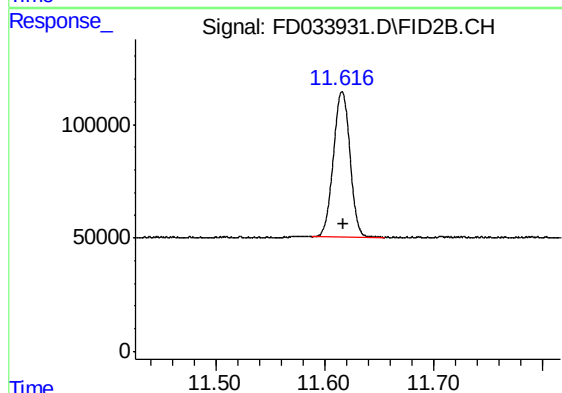
#9 Phenanthrene (C19.36)

R.T.: 10.849 min
Delta R.T.: -0.001 min
Response: 665925
Conc: 4.98 ug/ml



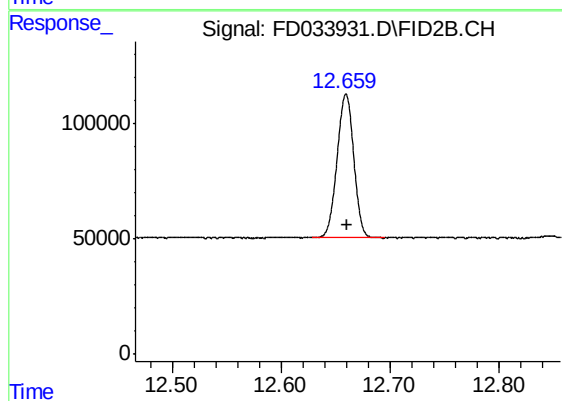
#10 Anthracene (C19.43)

R.T.: 10.923 min
Delta R.T.: 0.000 min
Response: 666350
Conc: 5.03 ug/ml



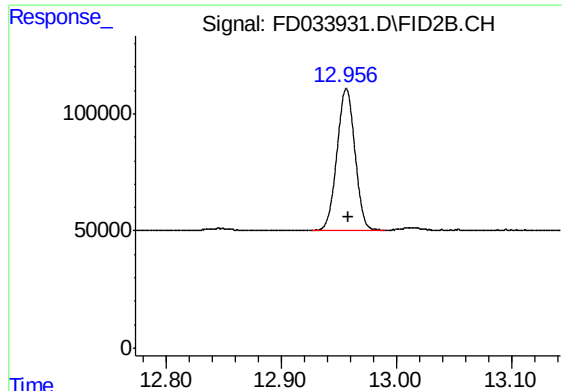
#11 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 676968
Conc: 5.00 ug/ml



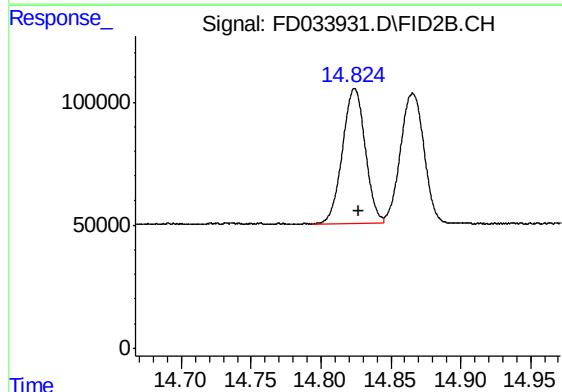
#12 Fluoranthene (C21.85)

R.T.: 12.660 min
Delta R.T.: -0.001 min
Response: 668256
Conc: 5.04 ug/ml



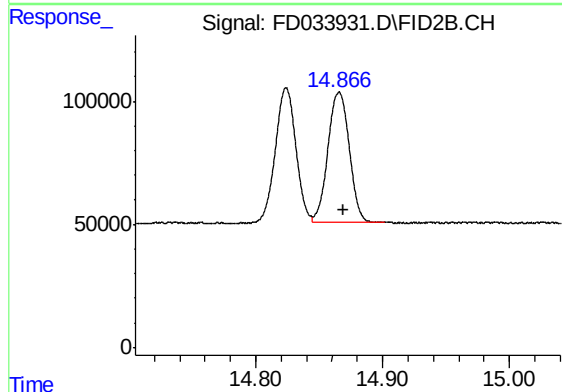
#13 Pyrene (C20.8)

R.T.: 12.957 min
Delta R.T.: -0.001 min
Response: 651911
Conc: 5.04 ug/ml



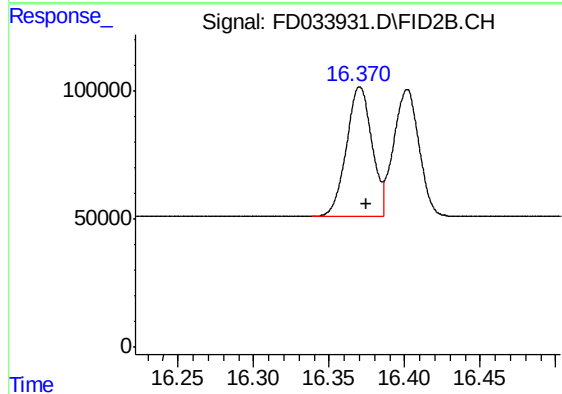
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.824 min
Delta R.T.: -0.003 min
Response: 623129
Conc: 5.01 ug/ml



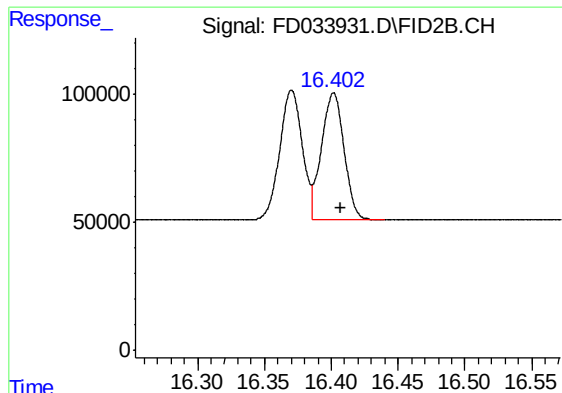
#15 Chrysene (C27.41)

R.T.: 14.866 min
Delta R.T.: -0.003 min
Response: 623304
Conc: 5.02 ug/ml



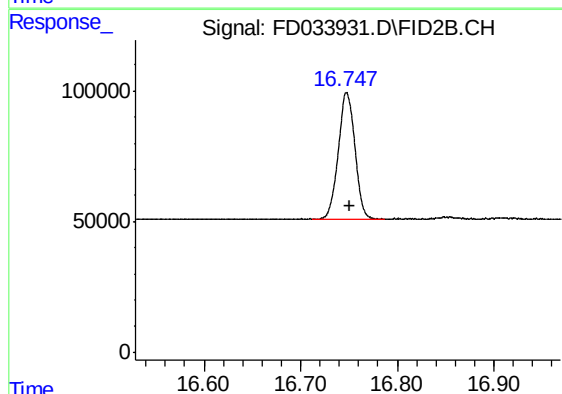
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.370 min
Delta R.T.: -0.005 min
Response: 592995
Conc: 4.98 ug/ml



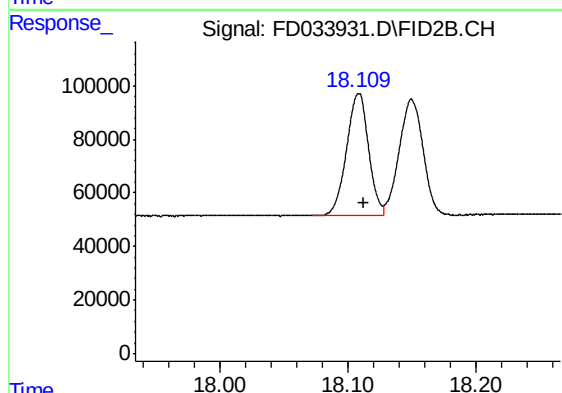
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.402 min
Delta R.T.: -0.005 min
Response: 584470
Conc: 5.06 ug/ml



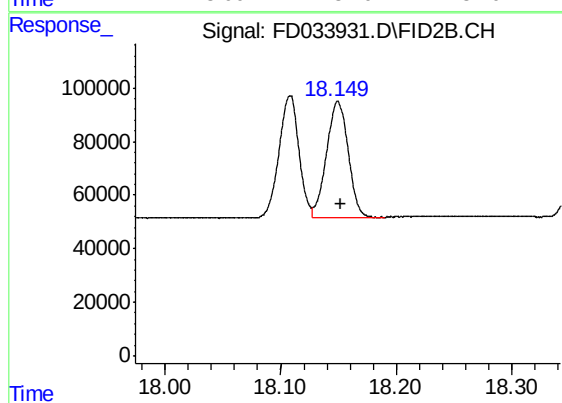
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.748 min
Delta R.T.: -0.004 min
Response: 582667
Conc: 5.01 ug/ml



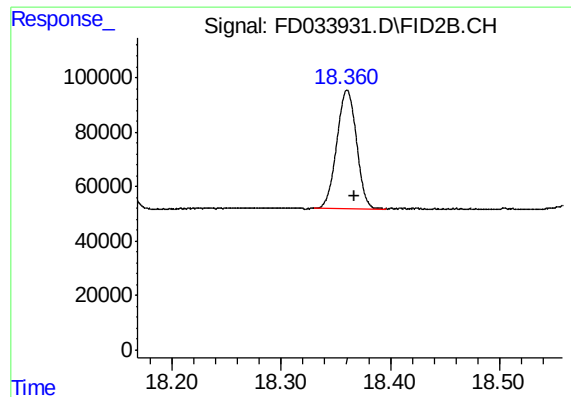
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.004 min
Response: 545609
Conc: 4.88 ug/ml



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

R.T.: 18.149 min
Delta R.T.: -0.003 min
Response: 563472
Conc: 5.13 ug/ml



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

R.T.: 18.360 min
Delta R.T.: -0.006 min
Response: 546683
Conc: 4.94 ug/ml