

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100719AR\
 Data File : FD030917.D
 Signal(s) : FID2B.CH
 Acq On : 07 Oct 2019 21:08
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 08:39:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.567	3148351	18.489 ug/ml
Spiked Amount 50.000		Recovery =	36.98%
6) S 2-Fluorobiphenyl (SURR)	8.428	2037967	17.670 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.34%
11) S ortho-Terphenyl (SURR)	11.456	3242170	17.362 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	3568469	19.377 ug/ml
2) T Naphthalene (C11.7)	5.909	3618411	18.818 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	3537230	18.570 ug/ml
5) T Acenaphthylene (C15.06)	8.230	3285443	17.837 ug/ml
7) T Acenaphthene (C15.5)	8.525	3481792	18.039 ug/ml
8) T Fluorene (C16.55)	9.304	3314975	17.538 ug/ml
9) T Phenanthrene (C19.36)	10.695	3173677	16.878 ug/ml
10) T Anthracene (C19.43)	10.770	2761521	15.110 ug/ml
12) T Fluoranthene (C21.85)	12.501	3019163	16.148 ug/ml
13) T Pyrene (C20.8)	12.797	2898120	15.760 ug/ml
14) T Benzo[a]anthracene (C...	14.663	2707172	15.647 ug/ml
15) T Chrysene (C27.41)	14.706	2845024	16.030 ug/ml
16) T benzo[b]fluoranthene ...	16.211	2831921	16.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	2875476	16.874 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.589	2800041	17.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.952	2790044	17.808 ug/ml
20) T Dibenz[a,h]anthracene...	17.988	2830663	18.090 ug/ml
21) T Benzo[g,h,i]perylene ...	18.207	2848423	18.497 ug/ml

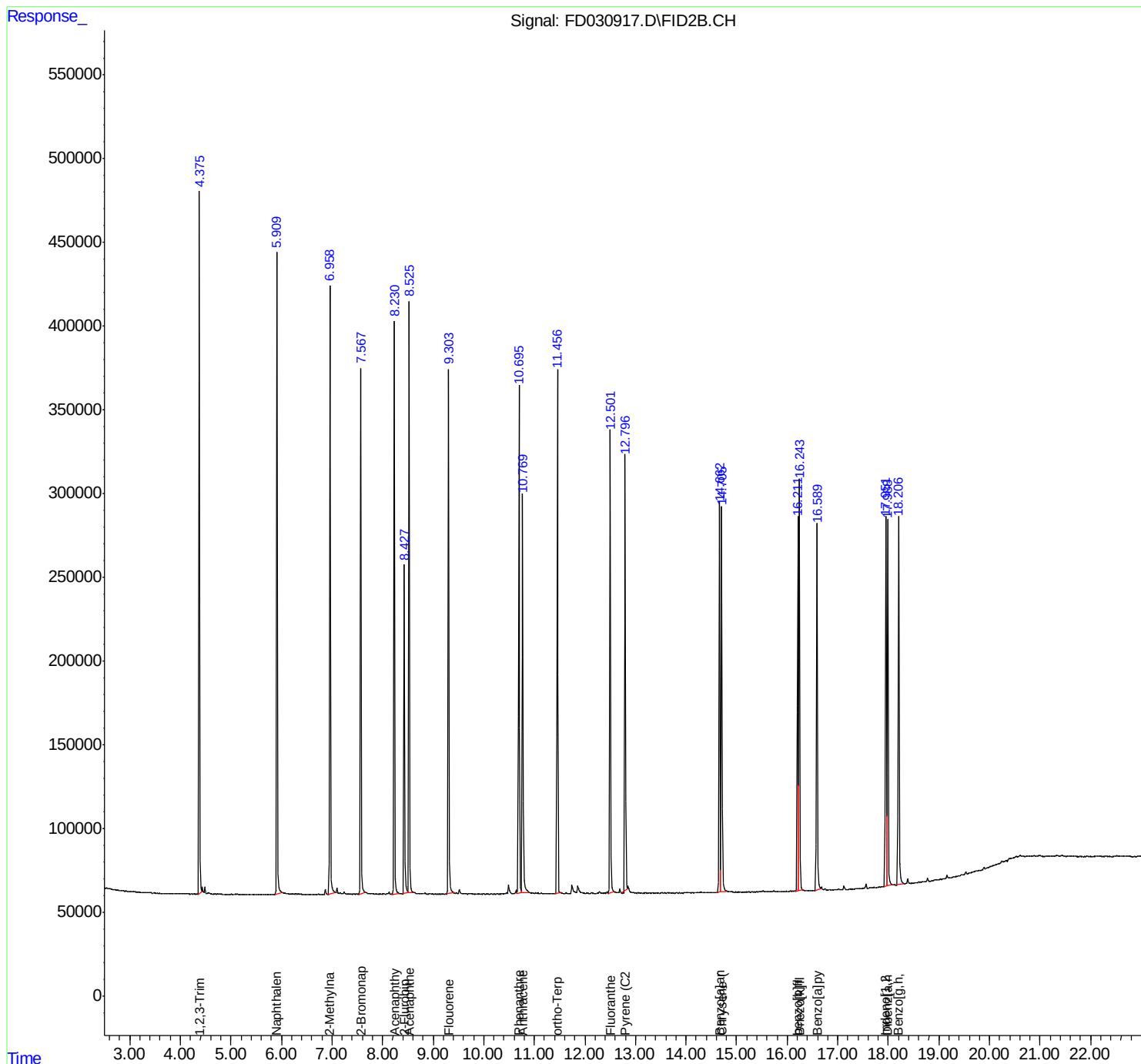
(f)=RT Delta > 1/2 Window

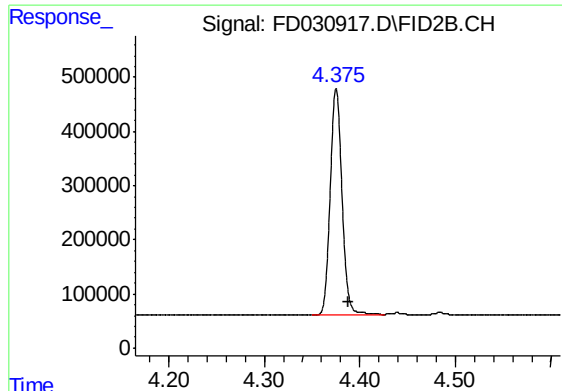
(m)=manual int.

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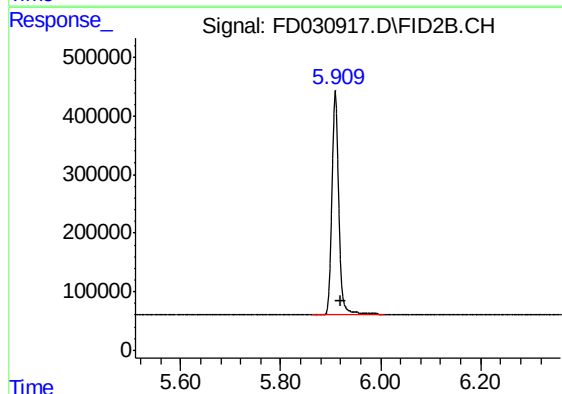
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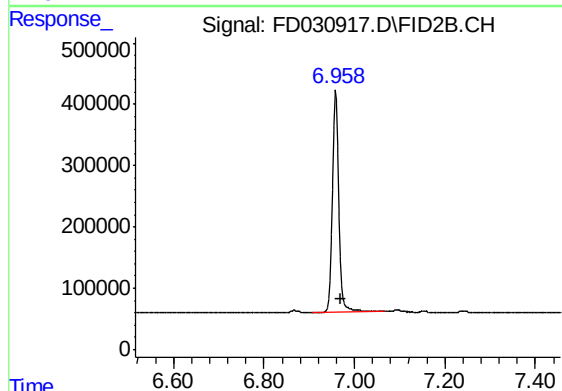
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.013 min
Response: 3568469
Conc: 19.38 ug/ml



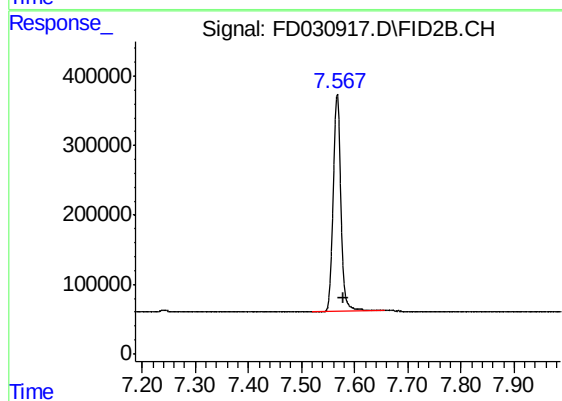
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.012 min
Response: 3618411
Conc: 18.82 ug/ml



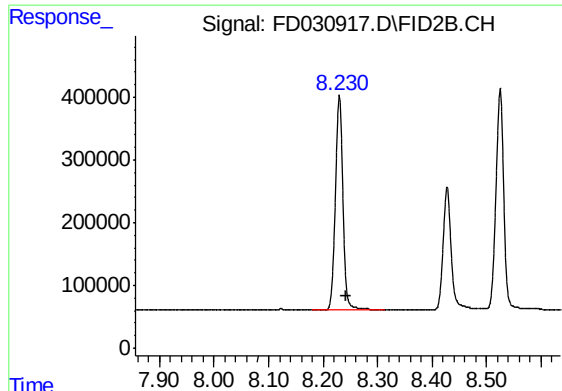
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.011 min
Response: 3537230
Conc: 18.57 ug/ml



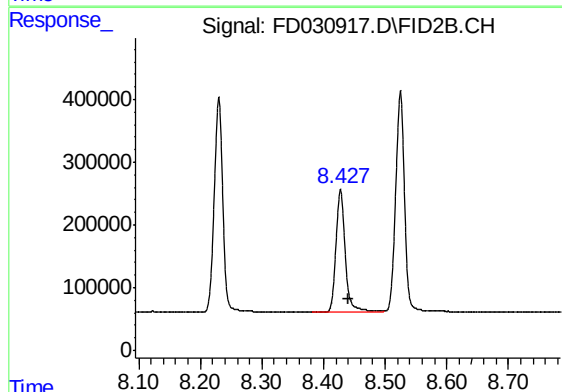
#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.011 min
Response: 3148351
Conc: 18.49 ug/ml



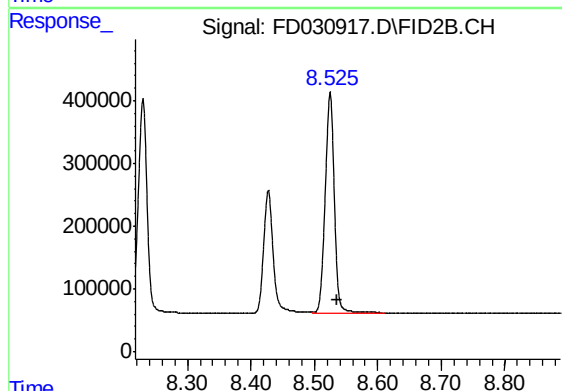
#5 Acenaphthylene (C15.06)

R.T.: 8.230 min
Delta R.T.: -0.011 min
Response: 3285443
Conc: 17.84 ug/ml



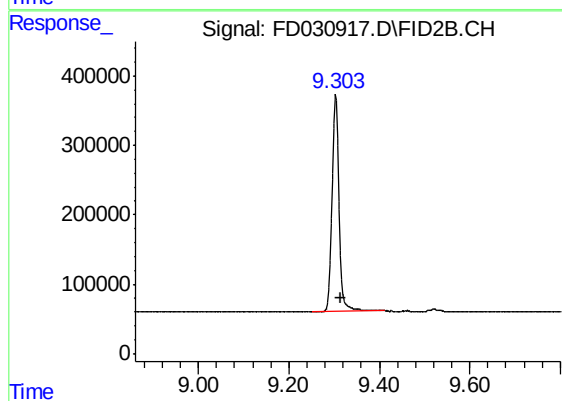
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.428 min
Delta R.T.: -0.013 min
Response: 2037967
Conc: 17.67 ug/ml



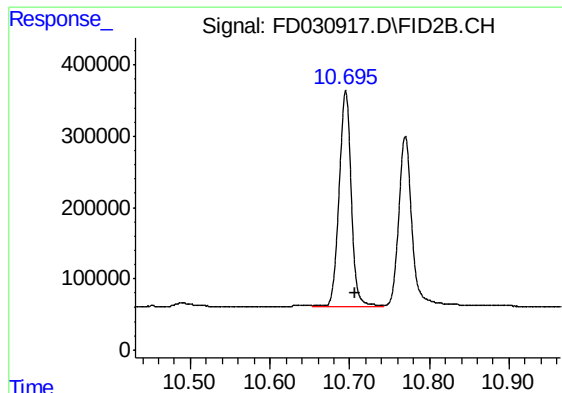
#7 Acenaphthene (C15.5)

R.T.: 8.525 min
Delta R.T.: -0.010 min
Response: 3481792
Conc: 18.04 ug/ml



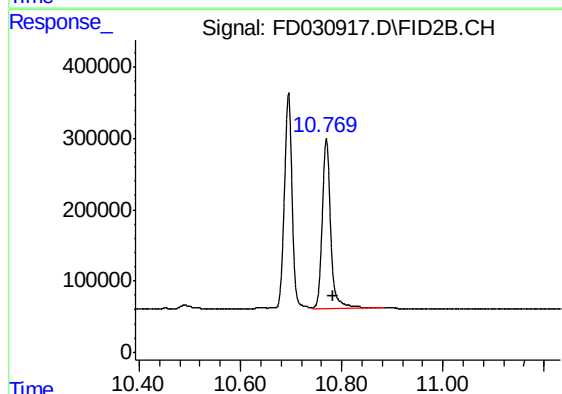
#8 Flouorene (C16.55)

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 3314975
Conc: 17.54 ug/ml



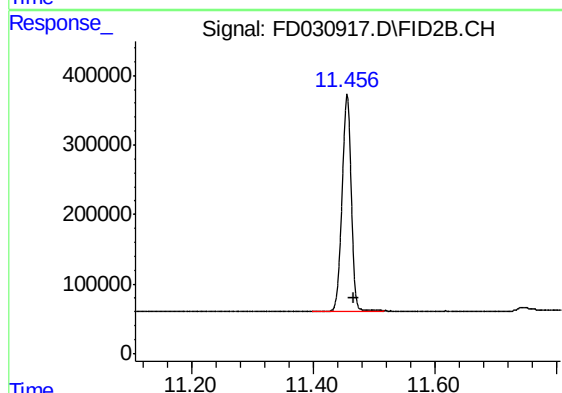
#9 Phenanthrene (C19.36)

R.T.: 10.695 min
Delta R.T.: -0.011 min
Response: 3173677
Conc: 16.88 ug/ml



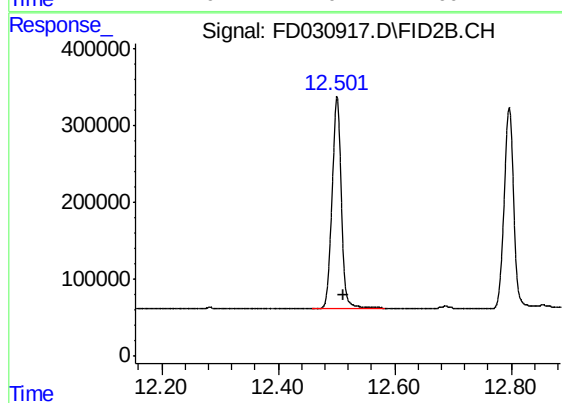
#10 Anthracene (C19.43)

R.T.: 10.770 min
Delta R.T.: -0.012 min
Response: 2761521
Conc: 15.11 ug/ml



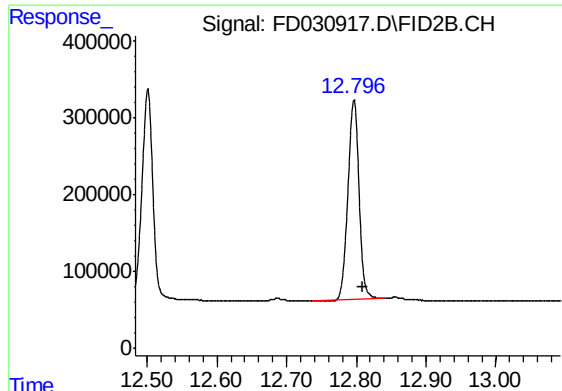
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.011 min
Response: 3242170
Conc: 17.36 ug/ml



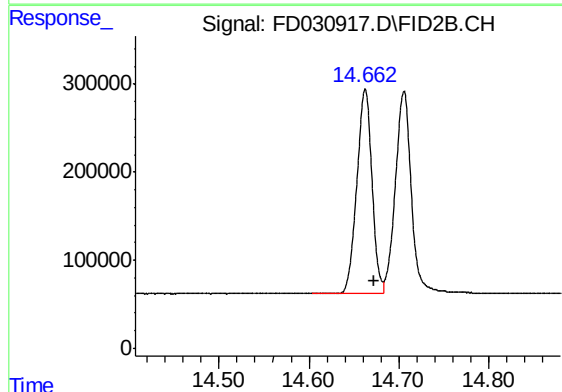
#12 Fluoranthene (C21.85)

R.T.: 12.501 min
Delta R.T.: -0.011 min
Response: 3019163
Conc: 16.15 ug/ml



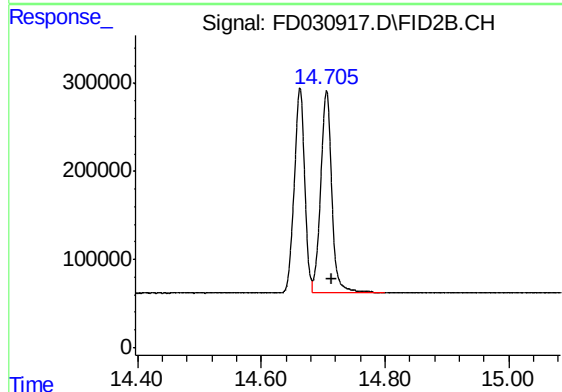
#13 Pyrene (C20.8)

R.T.: 12.797 min
Delta R.T.: -0.011 min
Response: 2898120
Conc: 15.76 ug/ml



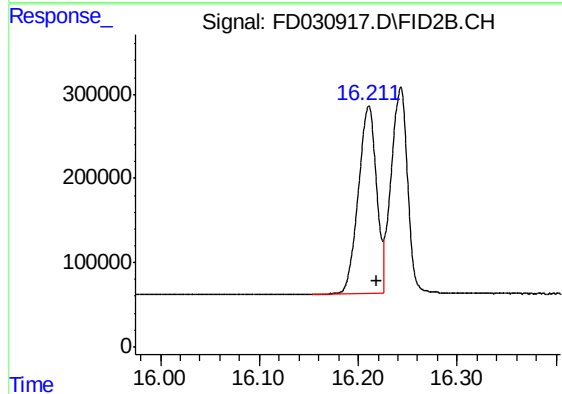
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.663 min
Delta R.T.: -0.010 min
Response: 2707172
Conc: 15.65 ug/ml



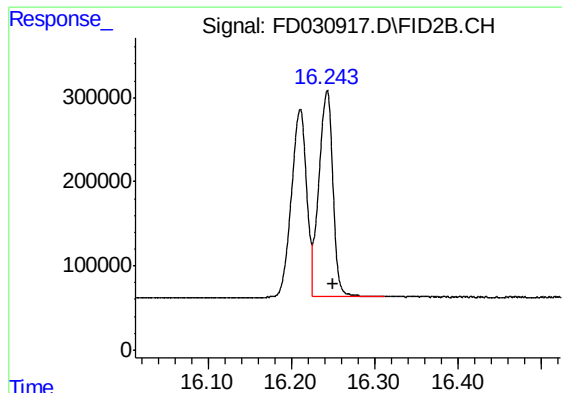
#15 Chrysene (C27.41)

R.T.: 14.706 min
Delta R.T.: -0.009 min
Response: 2845024
Conc: 16.03 ug/ml



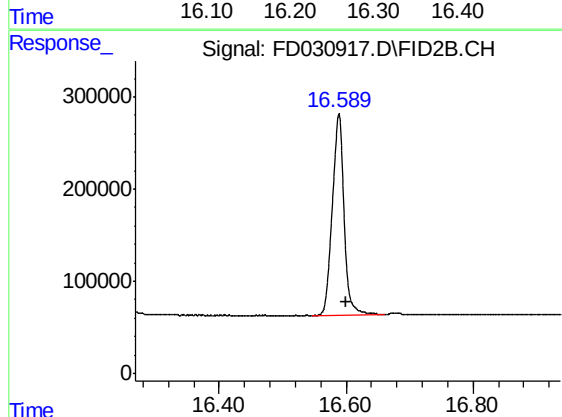
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: -0.008 min
Response: 2831921
Conc: 16.81 ug/ml



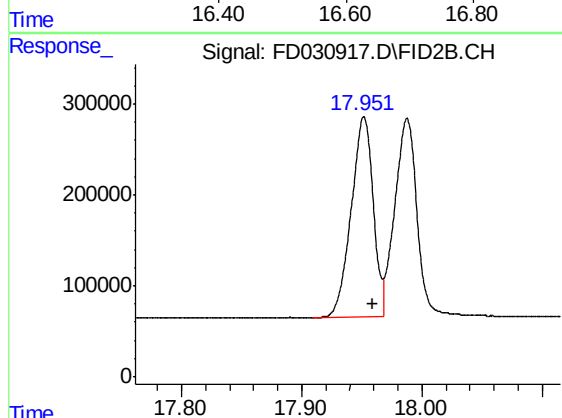
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: -0.006 min
Response: 2875476
Conc: 16.87 ug/ml



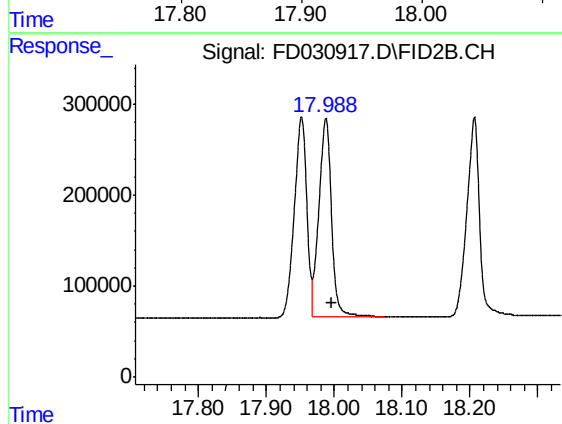
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.589 min
Delta R.T.: -0.010 min
Response: 2800041
Conc: 17.06 ug/ml



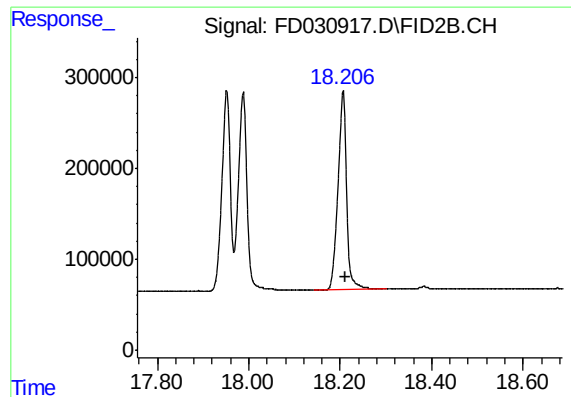
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.952 min
Delta R.T.: -0.007 min
Response: 2790044
Conc: 17.81 ug/ml



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

R.T.: 17.988 min
Delta R.T.: -0.009 min
Response: 2830663
Conc: 18.09 ug/ml



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

R.T.: 18.207 min
Delta R.T.: -0.005 min
Response: 2848423
Conc: 18.50 ug/ml