

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100719AR\
 Data File : FD030908.D
 Signal(s) : FID2B.CH
 Acq On : 07 Oct 2019 10:22
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 08:39:01 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	3139841	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
6) S 2-Fluorobiphenyl (SURR)	8.428	2031418	17.614 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.23%
11) S ortho-Terphenyl (SURR)	11.456	3240492	17.353 ug/ml
Spiked Amount 50.000		Recovery =	34.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	3517508	19.100 ug/ml
2) T Naphthalene (C11.7)	5.910	3600142	18.723 ug/ml
3) T 2-Methylnaphthalene (...)	6.959	3519190	18.475 ug/ml
5) T Acenaphthylene (C15.06)	8.230	3280593	17.811 ug/ml
7) T Acenaphthene (C15.5)	8.525	3474006	17.998 ug/ml
8) T Fluorene (C16.55)	9.304	3300602	17.462 ug/ml
9) T Phenanthrene (C19.36)	10.696	3164909	16.831 ug/ml
10) T Anthracene (C19.43)	10.771	2761674	15.111 ug/ml
12) T Fluoranthene (C21.85)	12.502	3017081	16.137 ug/ml
13) T Pyrene (C20.8)	12.797	2919313	15.875 ug/ml
14) T Benzo[a]anthracene (C...	14.664	2678860	15.483 ug/ml
15) T Chrysene (C27.41)	14.707	2808732	15.825 ug/ml
16) T benzo[b]fluoranthene ...	16.211	2821256	16.750 ug/ml
17) T Bnezo[k]fluoranthene ...	16.243	2853069	16.743 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.589	2775308	16.906 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.952	2751484	17.562 ug/ml
20) T Dibenz[a,h]anthracene...	17.989	2750491	17.578 ug/ml
21) T Benzo[g,h,i]perylene ...	18.206	2829701	18.375 ug/ml

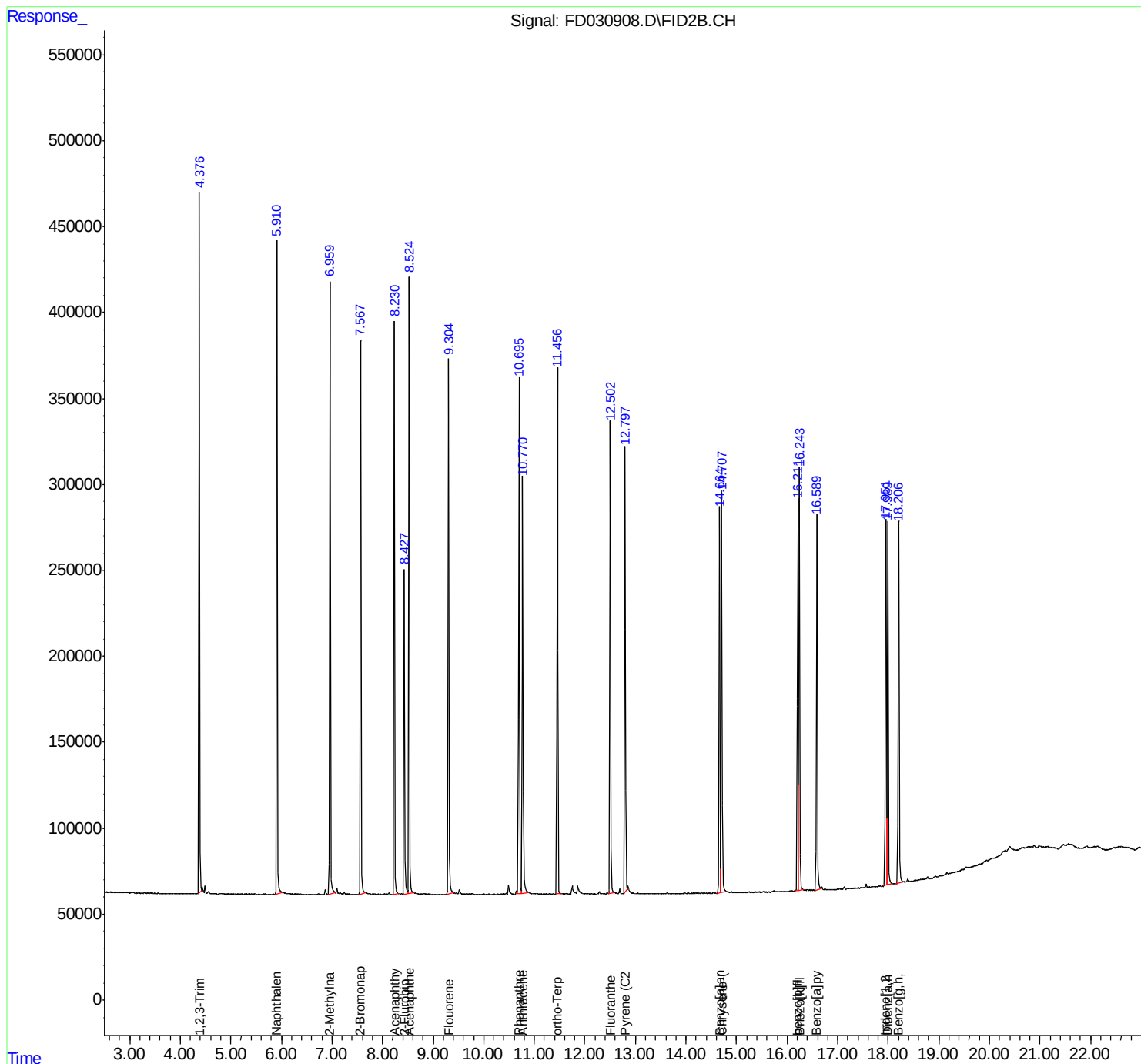
(f)=RT Delta > 1/2 Window

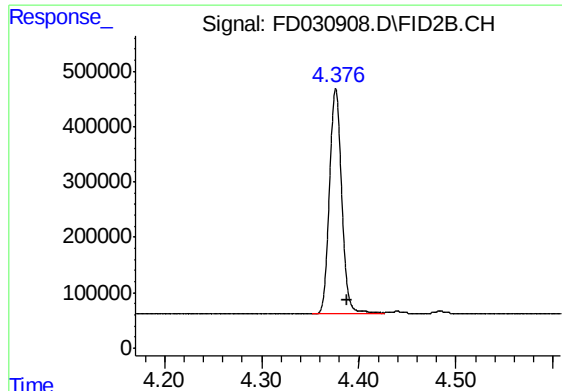
(m)=manual int.

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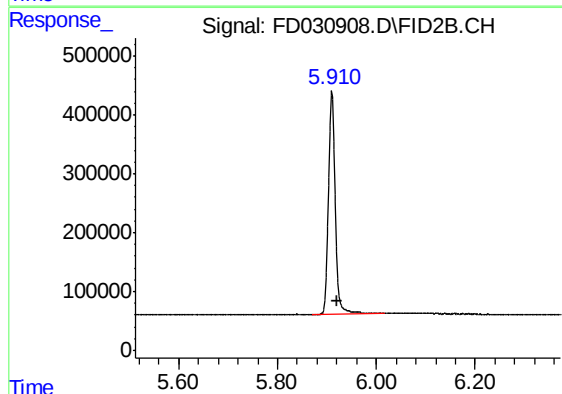
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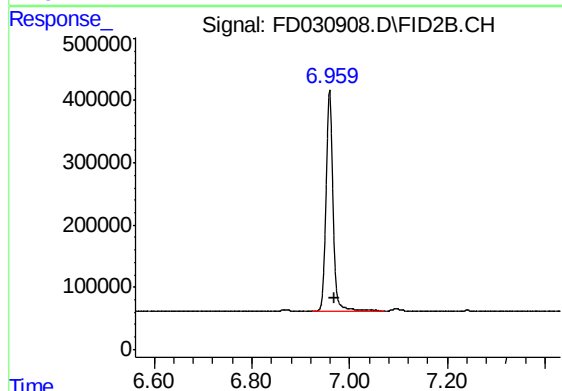
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.012 min
Response: 3517508
Conc: 19.10 ug/ml



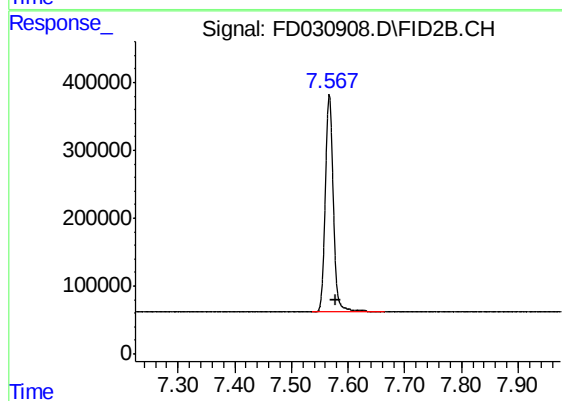
#2 Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.011 min
Response: 3600142
Conc: 18.72 ug/ml



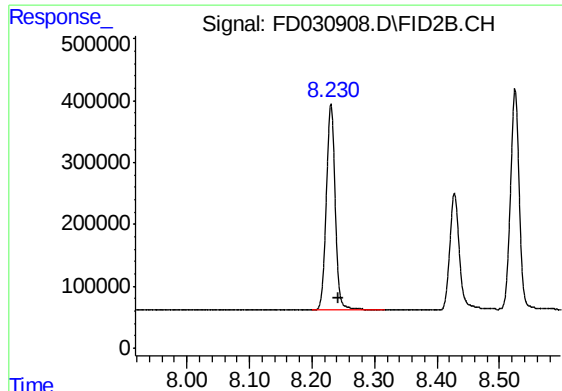
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.959 min
Delta R.T.: -0.011 min
Response: 3519190
Conc: 18.48 ug/ml



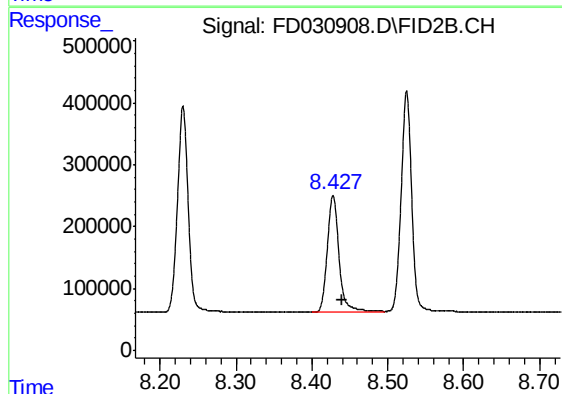
#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.012 min
Response: 3139841
Conc: 18.44 ug/ml



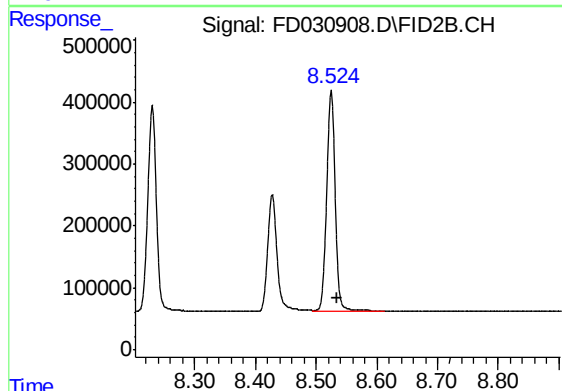
#5 Acenaphthylene (C15.06)

R.T.: 8.230 min
Delta R.T.: -0.011 min
Response: 3280593
Conc: 17.81 ug/ml



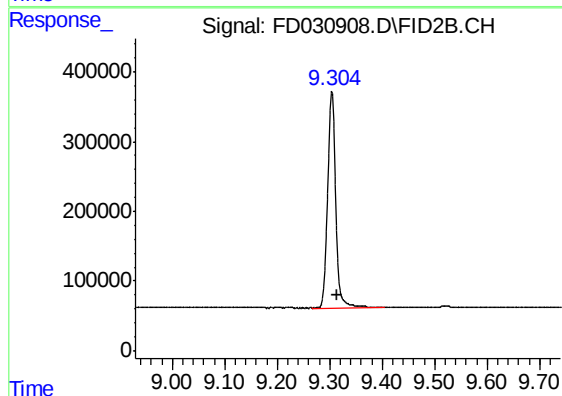
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.428 min
Delta R.T.: -0.012 min
Response: 2031418
Conc: 17.61 ug/ml



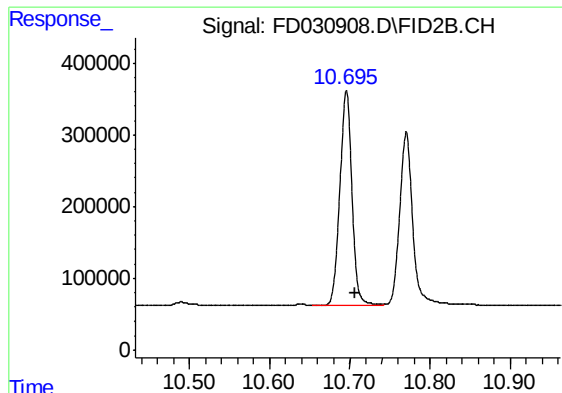
#7 Acenaphthene (C15.5)

R.T.: 8.525 min
Delta R.T.: -0.010 min
Response: 3474006
Conc: 18.00 ug/ml



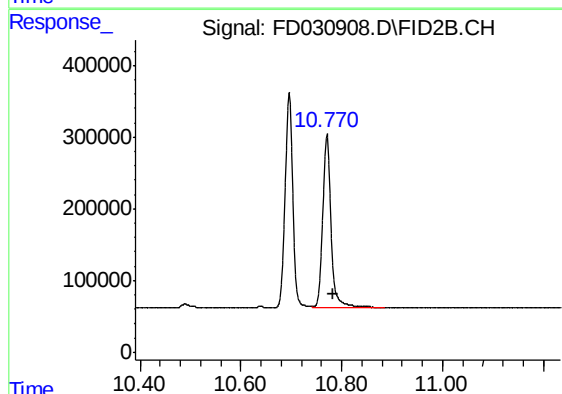
#8 Flouorene (C16.55)

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 3300602
Conc: 17.46 ug/ml



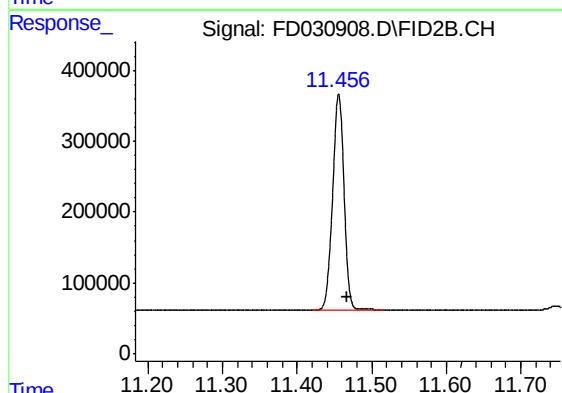
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.010 min
Response: 3164909
Conc: 16.83 ug/ml



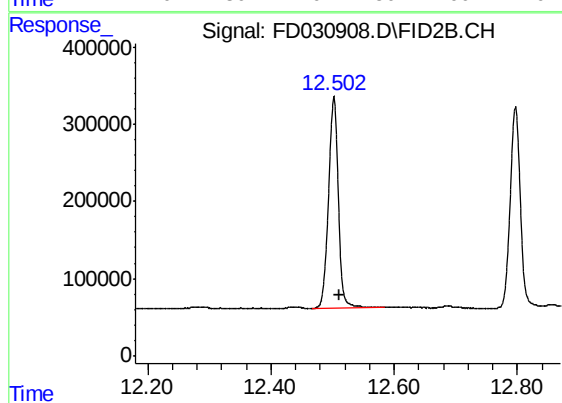
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.011 min
Response: 2761674
Conc: 15.11 ug/ml



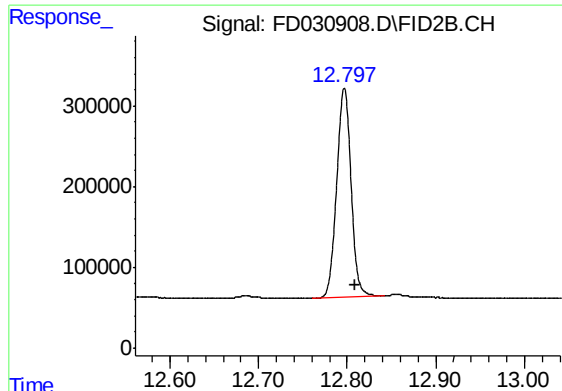
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.011 min
Response: 3240492
Conc: 17.35 ug/ml



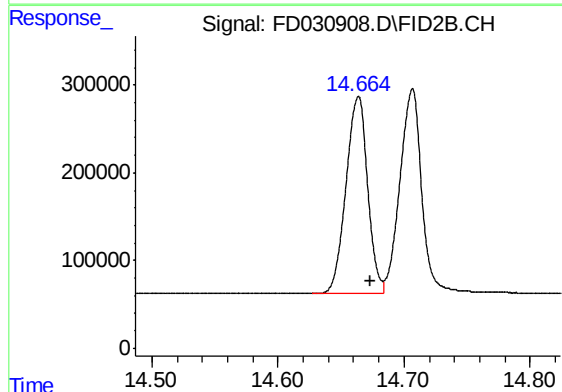
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 3017081
Conc: 16.14 ug/ml



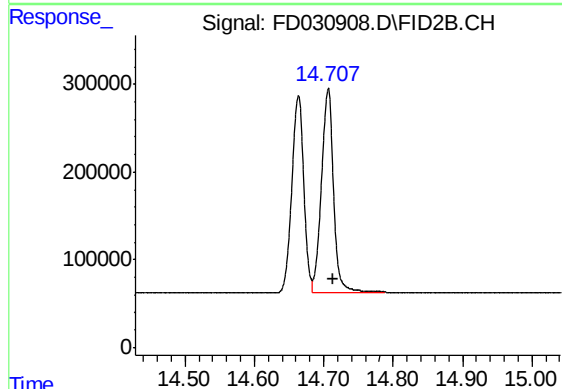
#13 Pyrene (C20.8)

R.T.: 12.797 min
Delta R.T.: -0.011 min
Response: 2919313
Conc: 15.87 ug/ml



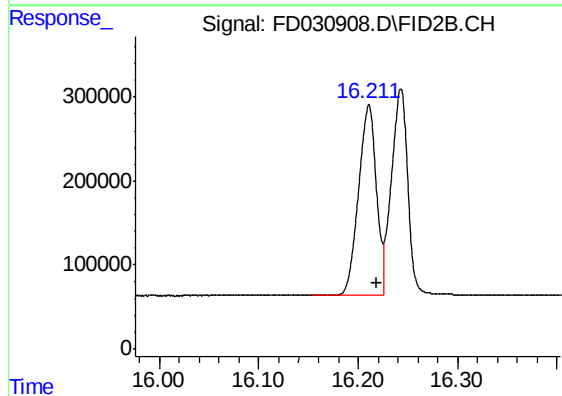
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.664 min
Delta R.T.: -0.009 min
Response: 2678860
Conc: 15.48 ug/ml



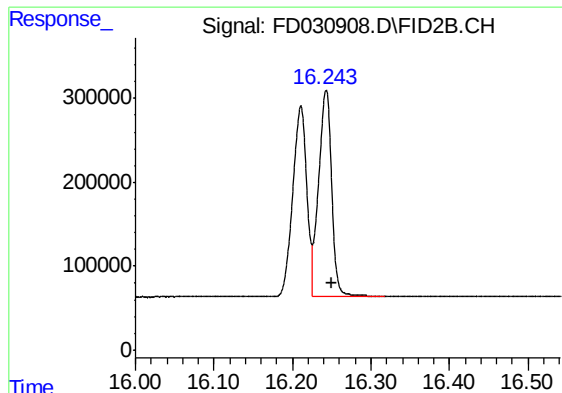
#15 Chrysene (C27.41)

R.T.: 14.707 min
Delta R.T.: -0.008 min
Response: 2808732
Conc: 15.83 ug/ml



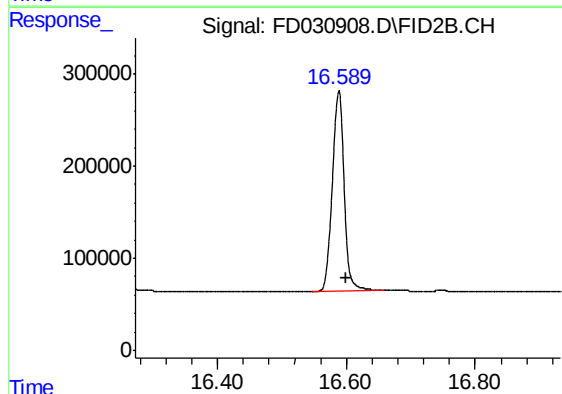
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.211 min
Delta R.T.: -0.008 min
Response: 2821256
Conc: 16.75 ug/ml



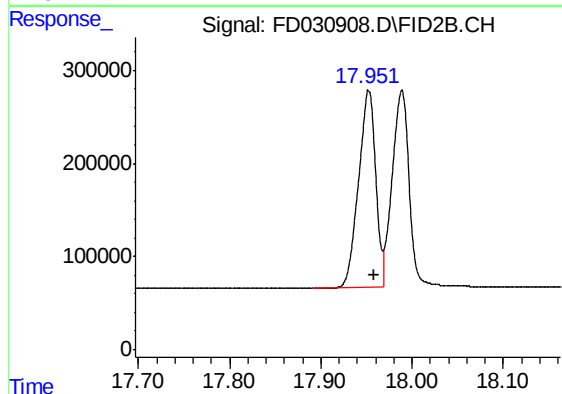
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: -0.006 min
Response: 2853069
Conc: 16.74 ug/ml



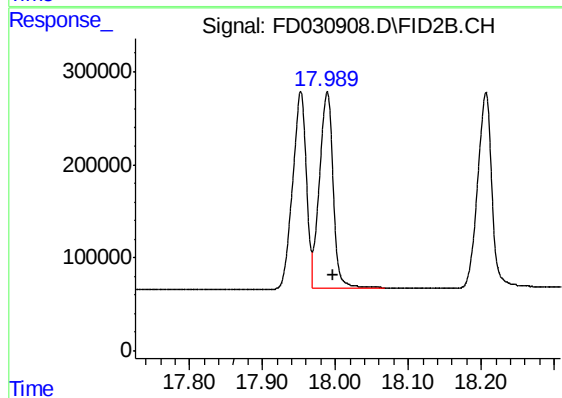
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.589 min
Delta R.T.: -0.011 min
Response: 2775308
Conc: 16.91 ug/ml



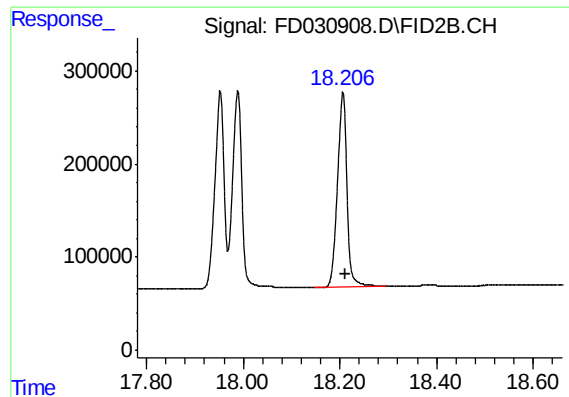
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.952 min
Delta R.T.: -0.006 min
Response: 2751484
Conc: 17.56 ug/ml



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

R.T.: 17.989 min
Delta R.T.: -0.008 min
Response: 2750491
Conc: 17.58 ug/ml



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

R.T.: 18.206 min
Delta R.T.: -0.005 min
Response: 2829701
Conc: 18.38 ug/ml