

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022519AR\
 Data File : FD027937.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2019 13:01
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 02:23:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.335	1622324	21.853 ug/ml
Spiked Amount 50.000		Recovery =	43.71%
6) S 2-Fluorobiphenyl (SURR)	8.183	1064625	20.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.85%
11) S ortho-Terphenyl (SURR)	11.220	1767610	19.940 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1894846	23.975 ug/ml
2) T Naphthalene (C11.7)	5.673	1955555	22.975 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1896852	22.484 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1775312	21.203 ug/ml
7) T Acenaphthene (C15.5)	8.281	1862382	21.188 ug/ml
8) T Flouorene (C16.55)	9.059	1755422	20.129 ug/ml
9) T Phenanthrene (C19.36)	10.444	1712225	19.492 ug/ml
10) T Anthracene (C19.43)	10.518	1703329	19.712 ug/ml
12) T Fluoranthene (C21.85)	12.245	1783892	19.926 ug/ml
13) T Pyrene (C20.8)	12.537	1768000	19.924 ug/ml
14) T Benzo[a]anthracene (C...	14.405	1848747	20.676 ug/ml
15) T Chrysene (C27.41)	14.446	1937185	21.332 ug/ml
16) T benzo[b]fluoranthene ...	15.946	1894147	19.394 ug/ml
17) T Bnezo[k]fluoranthene ...	15.978	1973422	19.959 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.321	1921443	19.651 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.680	1601606	16.151 ug/ml
20) T Dibenz[a,h]anthracene...	17.722	1910332	19.421 ug/ml
21) T Benzo[g,h,i]perylene ...	17.930	1765929	17.419 ug/ml

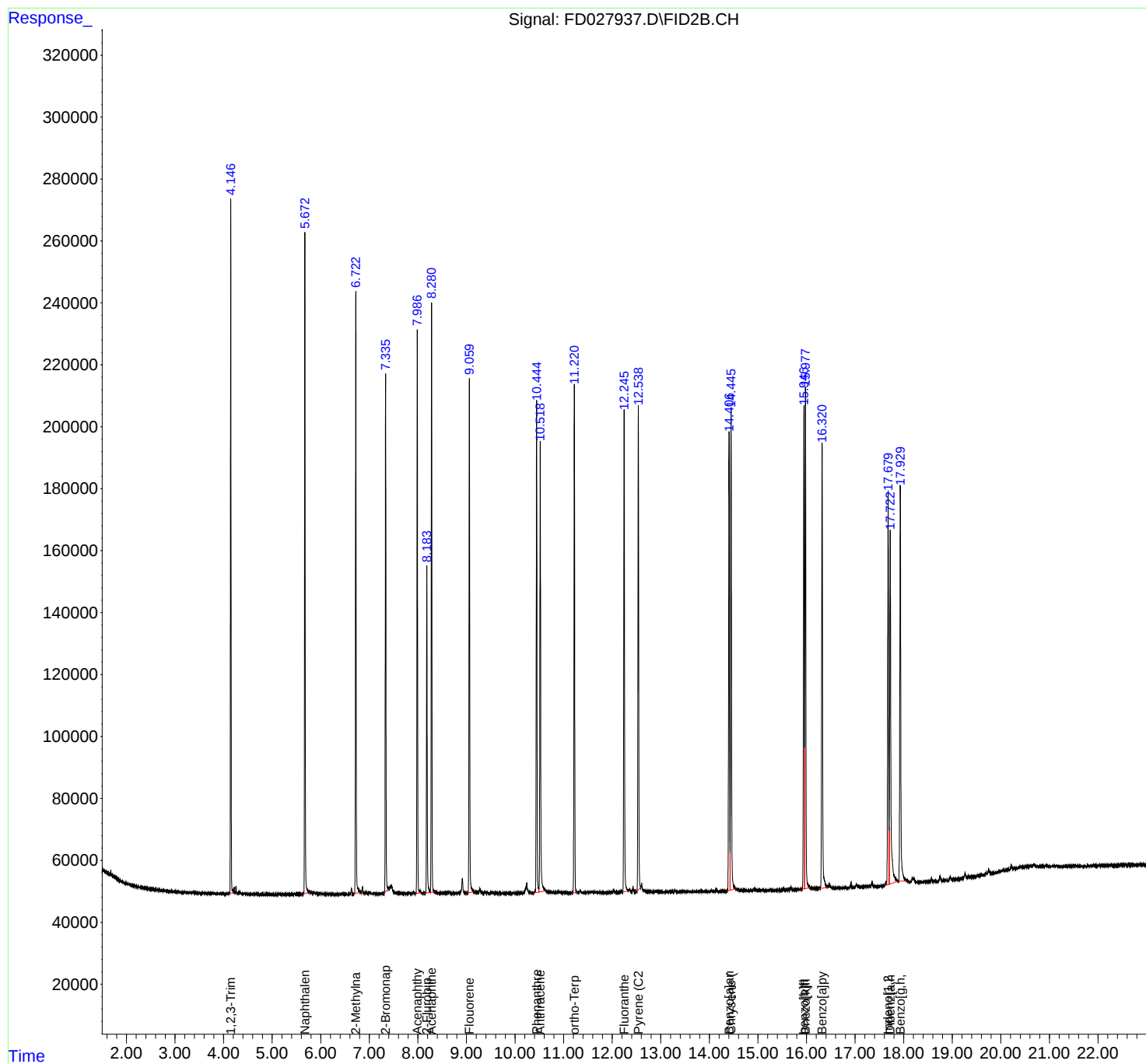
(f)=RT Delta > 1/2 Window

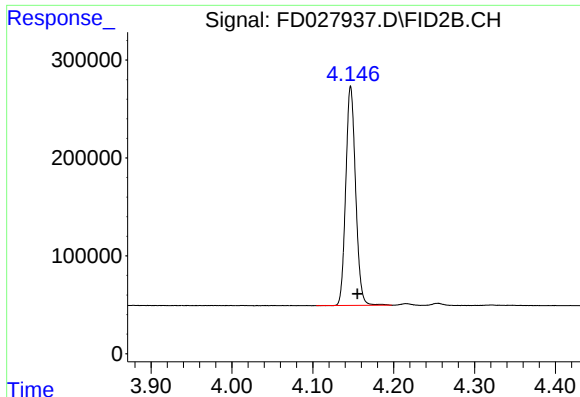
(m)=manual int.

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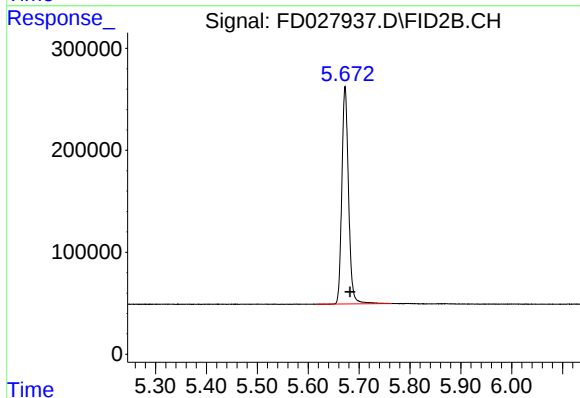
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Signal Info : 20M x 0.18mm x 0.18µm





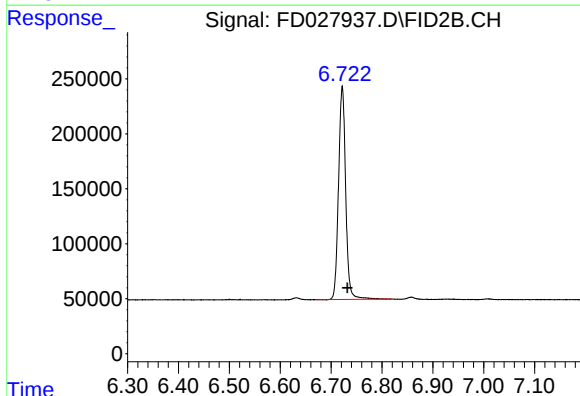
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1894846
Conc: 23.97 ug/ml



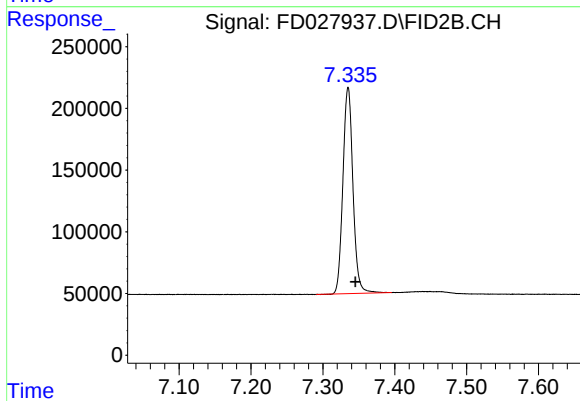
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 1955555
Conc: 22.97 ug/ml



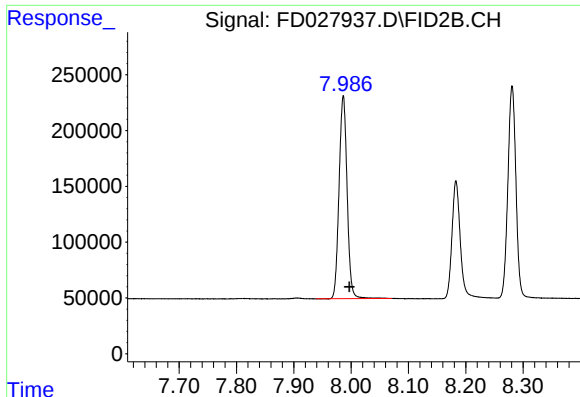
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 1896852
Conc: 22.48 ug/ml



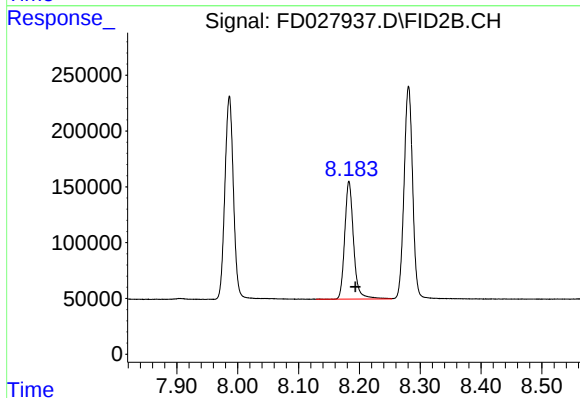
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 1622324
Conc: 21.85 ug/ml



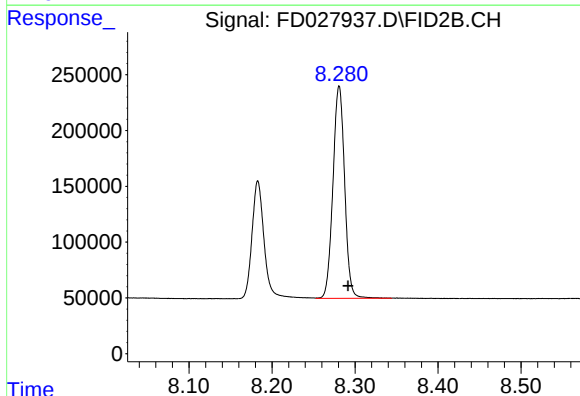
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 1775312
Conc: 21.20 ug/ml



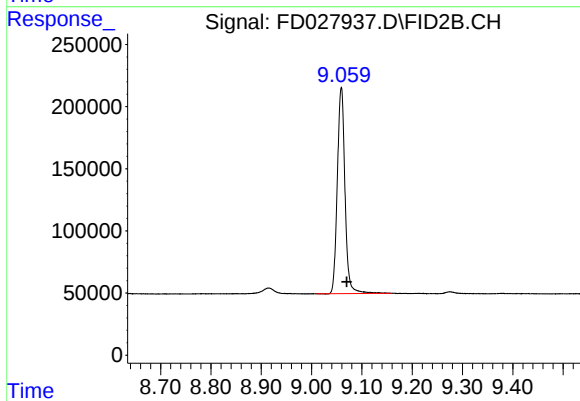
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: -0.011 min
Response: 1064625
Conc: 20.93 ug/ml



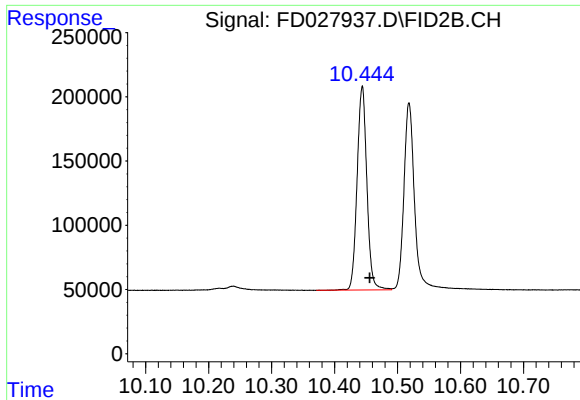
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: -0.011 min
Response: 1862382
Conc: 21.19 ug/ml



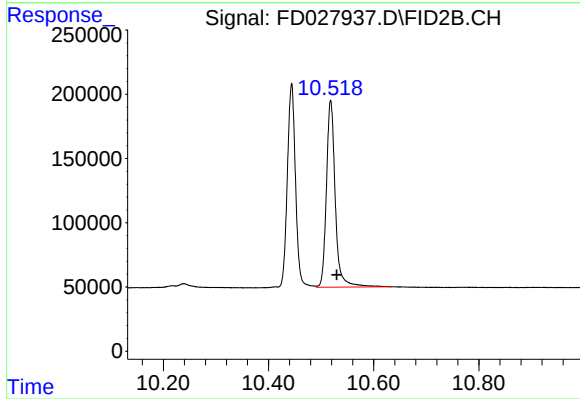
#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 1755422
Conc: 20.13 ug/ml



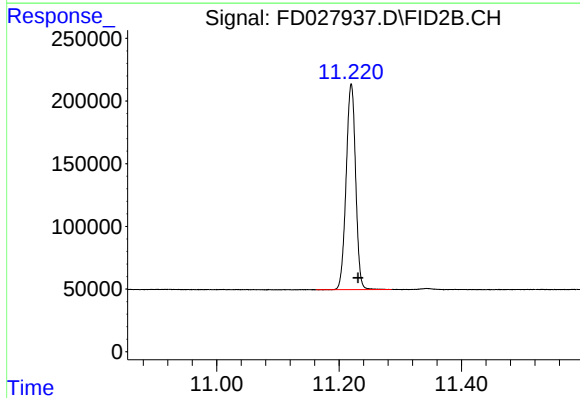
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.012 min
Response: 1712225
Conc: 19.49 ug/ml



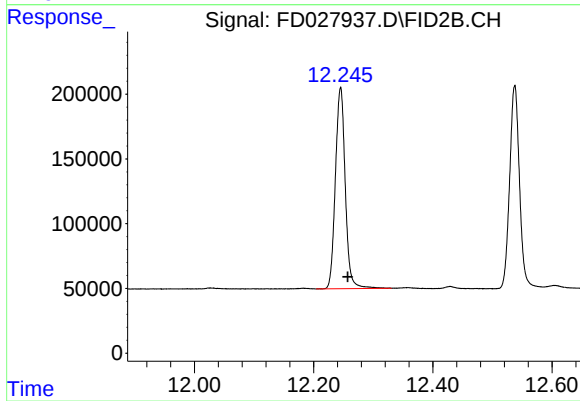
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.011 min
Response: 1703329
Conc: 19.71 ug/ml



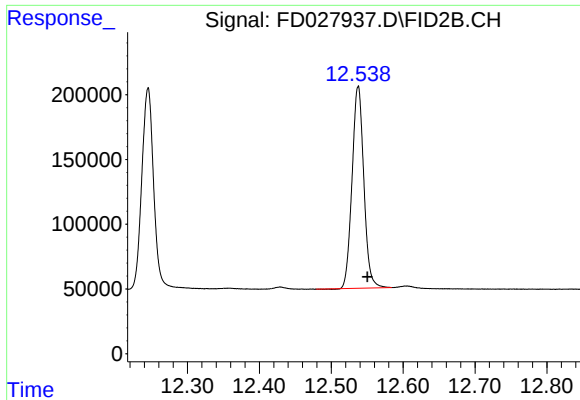
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 1767610
Conc: 19.94 ug/ml



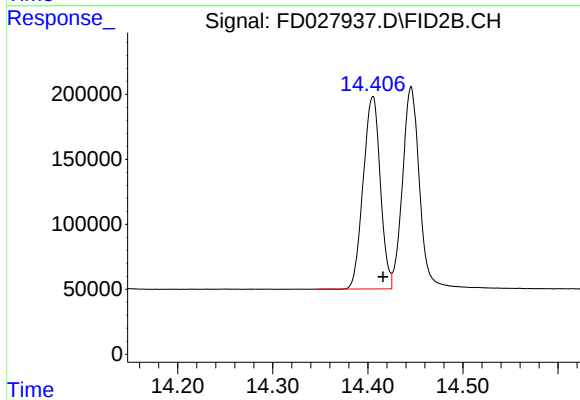
#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: -0.012 min
Response: 1783892
Conc: 19.93 ug/ml



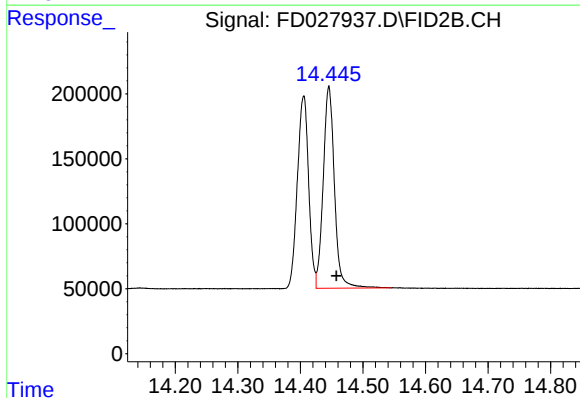
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.013 min
Response: 1768000
Conc: 19.92 ug/ml



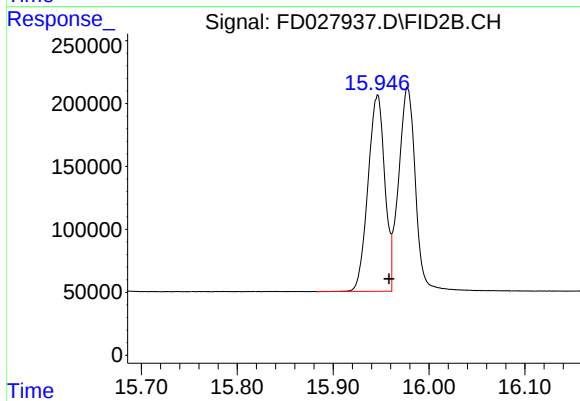
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.011 min
Response: 1848747
Conc: 20.68 ug/ml



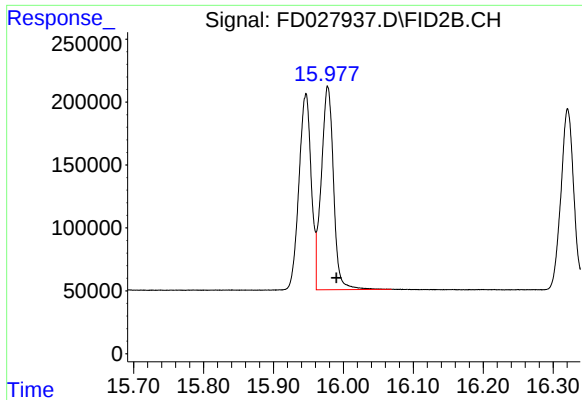
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.012 min
Response: 1937185
Conc: 21.33 ug/ml



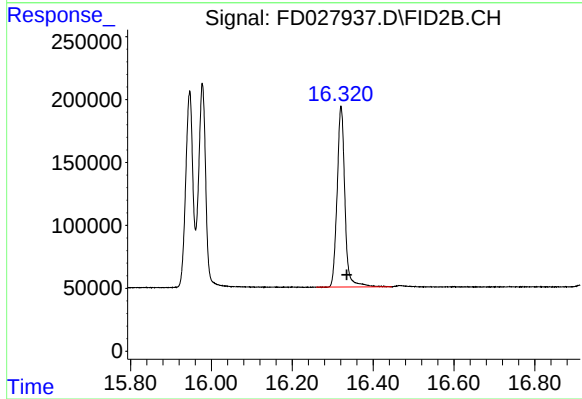
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.946 min
Delta R.T.: -0.012 min
Response: 1894147
Conc: 19.39 ug/ml



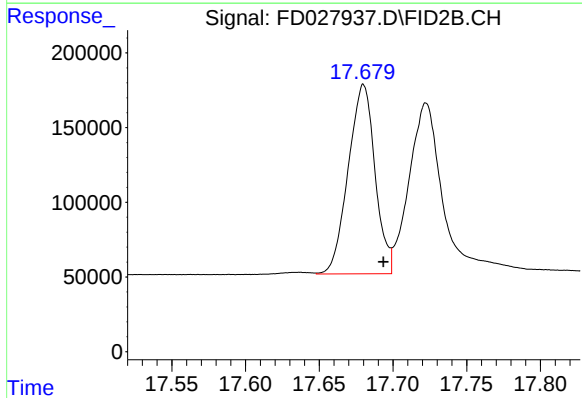
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.978 min
Delta R.T.: -0.012 min
Response: 1973422
Conc: 19.96 ug/ml



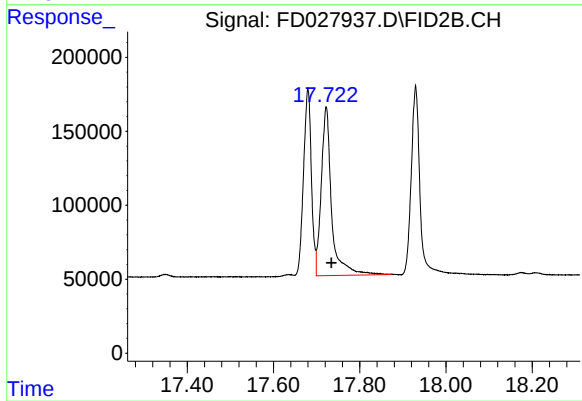
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.321 min
Delta R.T.: -0.014 min
Response: 1921443
Conc: 19.65 ug/ml



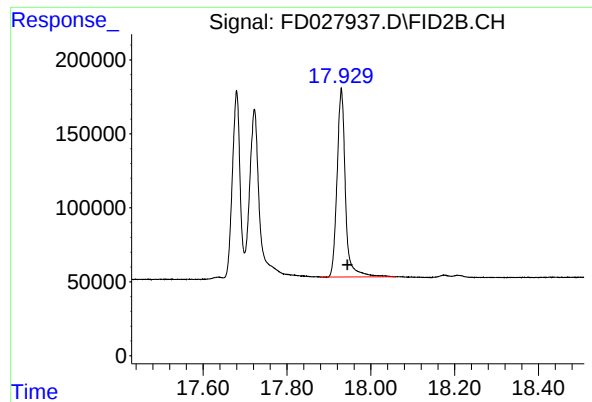
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.680 min
Delta R.T.: -0.014 min
Response: 1601606
Conc: 16.15 ug/ml



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

R.T.: 17.722 min
Delta R.T.: -0.012 min
Response: 1910332
Conc: 19.42 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.014 min
Response: 1765929
Conc: 17.42 ug/ml