

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071521AR\
 Data File : FD038224.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jul 2021 20:47
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR LOD 2.5 PPM
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 16 04:52:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 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...	7.524	3938920	30.223 ug/ml
Spiked Amount 50.000		Recovery =	60.45%
6) S 2-Fluorobiphenyl (SURR)	8.386	2518829	28.464 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	56.93%
11) S ortho-Terphenyl (SURR)	11.427	6424460	42.392 ug/ml
Spiked Amount 50.000		Recovery =	84.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	278675	1.967 ug/ml
2) T Naphthalene (C11.7)	5.864	278281	1.882 ug/ml
3) T 2-Methylnaphthalene (...)	6.914	271130	1.847 ug/ml
5) T Acenaphthylene (C15.06)	8.188	270377	1.812 ug/ml
7) T Acenaphthene (C15.5)	8.481	304594	1.967 ug/ml
8) T Fluorene (C16.55)	9.264	252073	1.720 ug/ml
9) T Phenanthrene (C19.36)	10.660	224152	1.551 ug/ml
10) T Anthracene (C19.43)	10.736	194333	1.374 ug/ml
12) T Fluoranthene (C21.85)	12.471	226747	1.565 ug/ml
13) T Pyrene (C20.8)	12.767	226453	1.589 ug/ml
14) T Benzo[a]anthracene (C...	14.640	199437	1.562 ug/ml
15) T Chrysene (C27.41)	14.680	263278	1.860 ug/ml
16) T benzo[b]fluoranthene ...	16.190	221195	1.774 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	227474	1.734 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	195845	1.670 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.940	188082	1.817 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	252689	2.144 ug/ml
21) T Benzo[g,h,i]perylene ...	18.192	233857	2.143 ug/ml

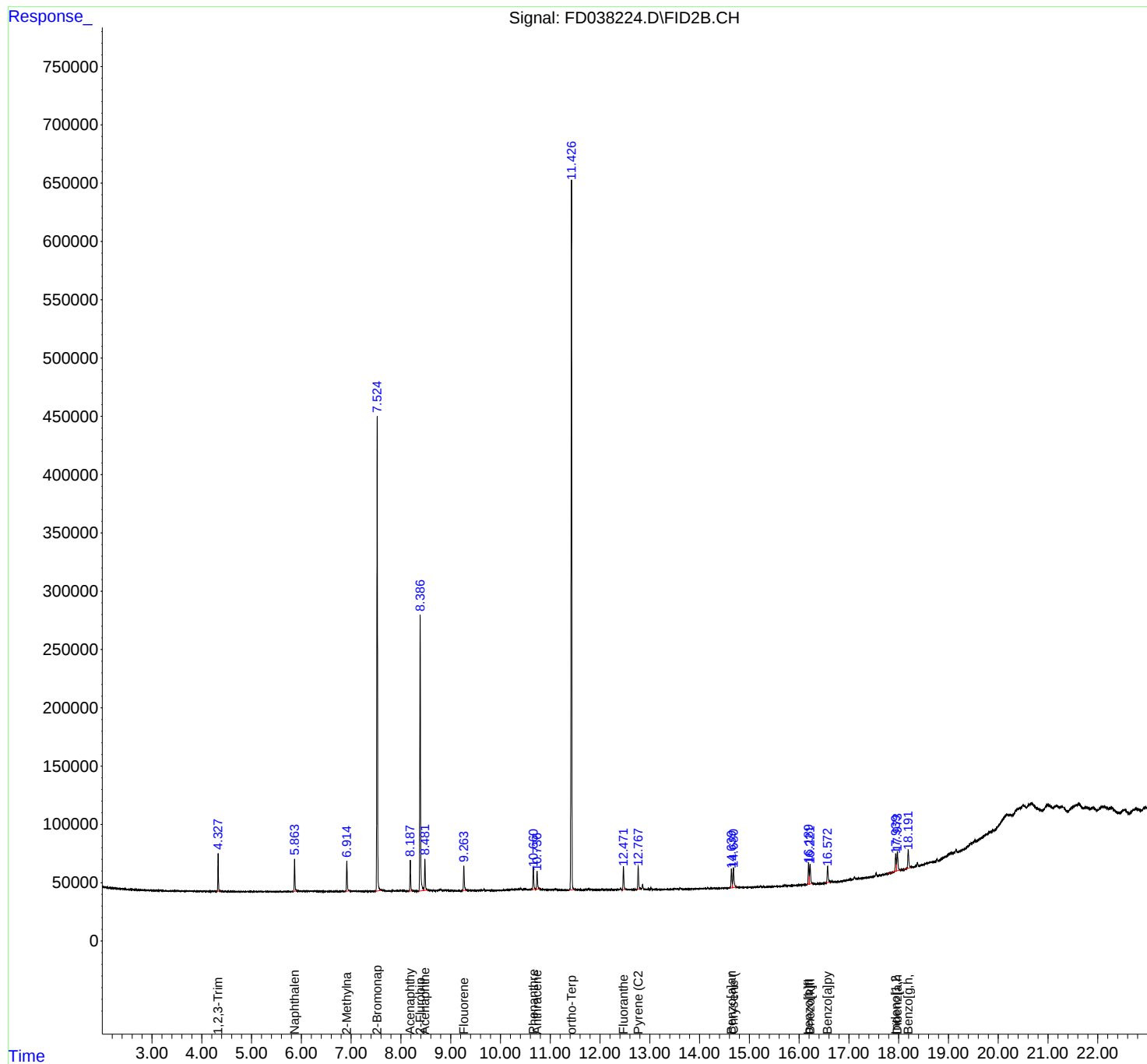
(f)=RT Delta > 1/2 Window

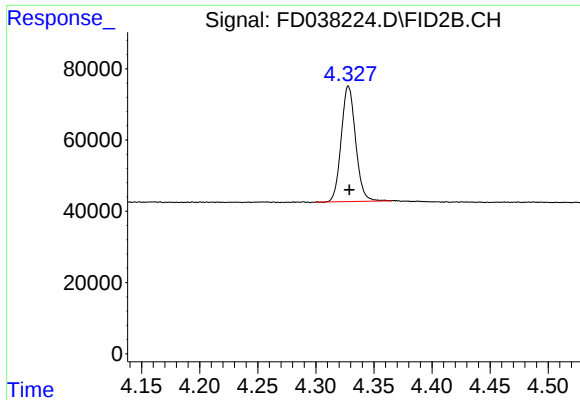
(m)=manual int.

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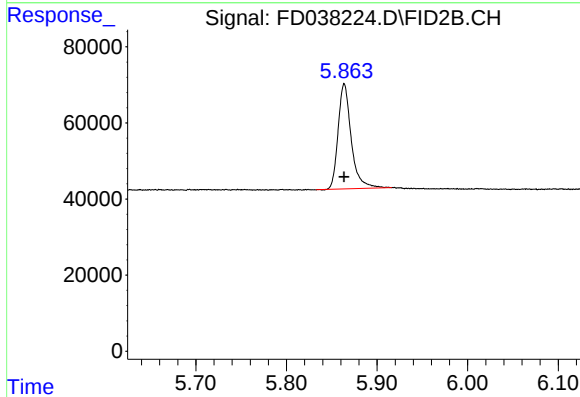
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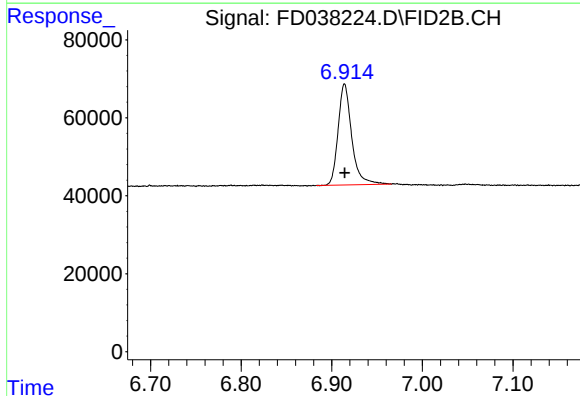
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 278675
Conc: 1.97 ug/ml



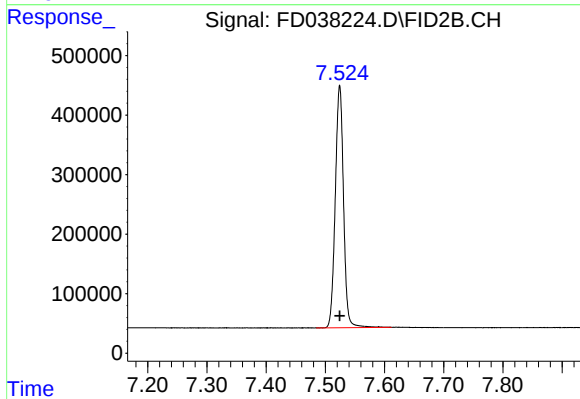
#2 Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.000 min
Response: 278281
Conc: 1.88 ug/ml



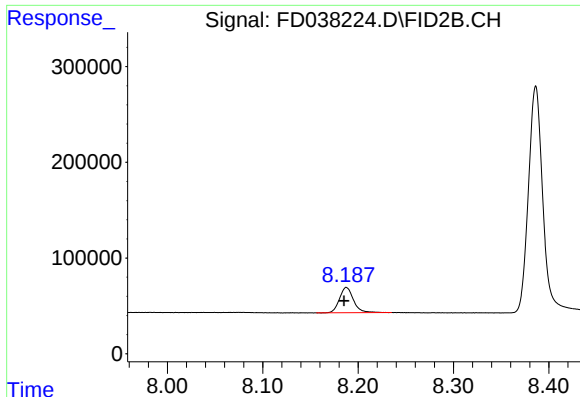
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 271130
Conc: 1.85 ug/ml



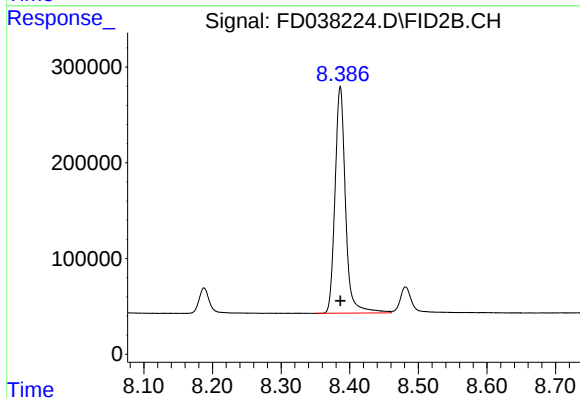
#4 2-Bromonaphthalene (SURR)

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 3938920
Conc: 30.22 ug/ml



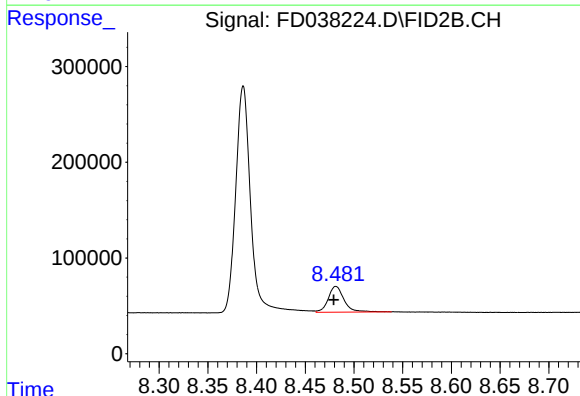
#5 Acenaphthylene (C15.06)

R.T.: 8.188 min
Delta R.T.: 0.002 min
Response: 270377
Conc: 1.81 ug/ml



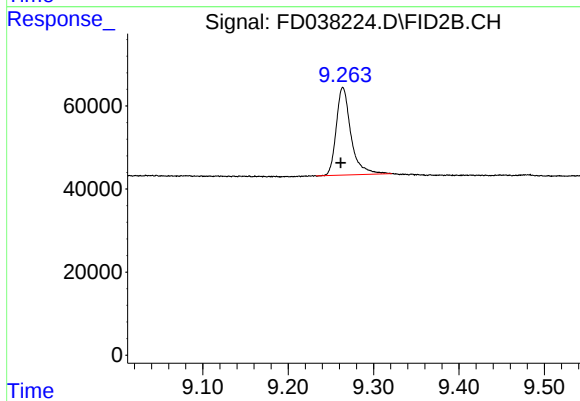
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.386 min
Delta R.T.: 0.000 min
Response: 2518829
Conc: 28.46 ug/ml



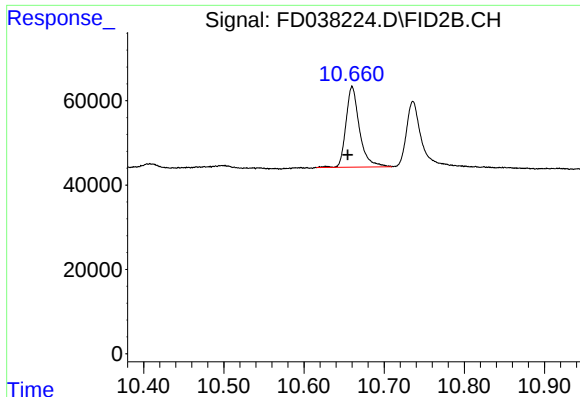
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 304594
Conc: 1.97 ug/ml



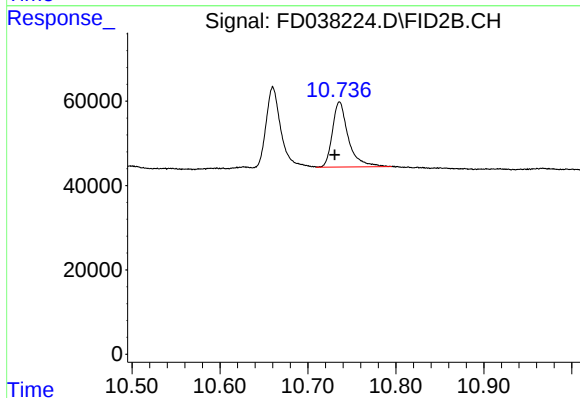
#8 Fluorene (C16.55)

R.T.: 9.264 min
Delta R.T.: 0.003 min
Response: 252073
Conc: 1.72 ug/ml



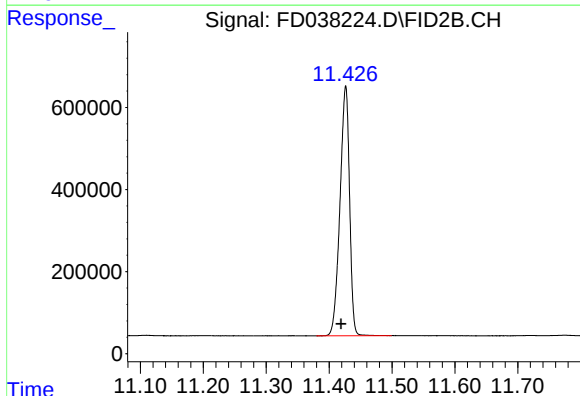
#9 Phenanthrene (C19.36)

R.T.: 10.660 min
Delta R.T.: 0.005 min
Response: 224152
Conc: 1.55 ug/ml



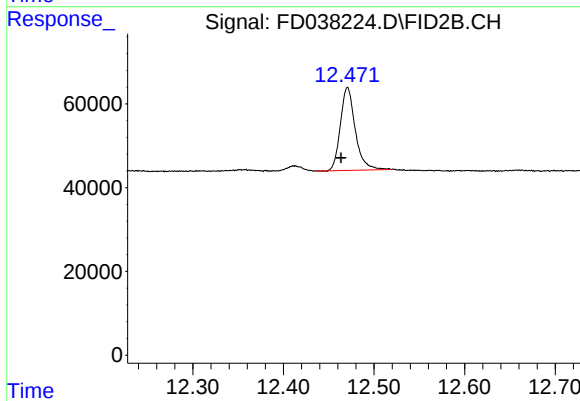
#10 Anthracene (C19.43)

R.T.: 10.736 min
Delta R.T.: 0.006 min
Response: 194333
Conc: 1.37 ug/ml



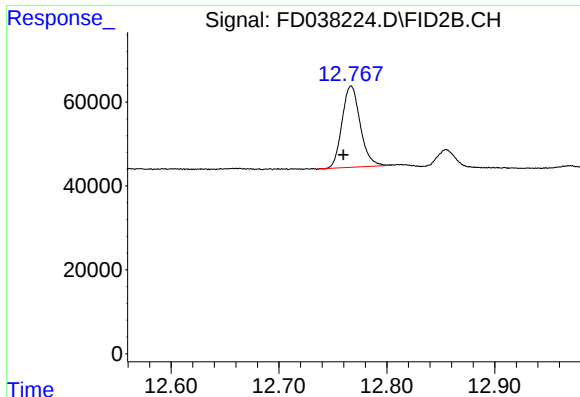
#11 ortho-Terphenyl (SURR)

R.T.: 11.427 min
Delta R.T.: 0.008 min
Response: 6424460
Conc: 42.39 ug/ml



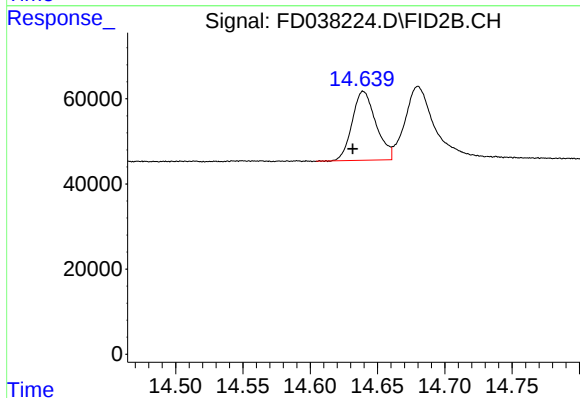
#12 Fluoranthene (C21.85)

R.T.: 12.471 min
Delta R.T.: 0.007 min
Response: 226747
Conc: 1.57 ug/ml



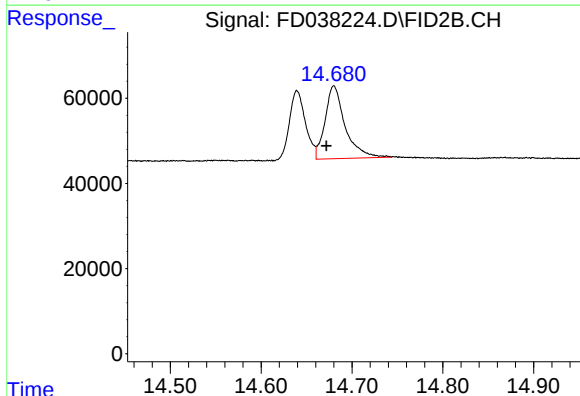
#13 Pyrene (C20.8)

R.T.: 12.767 min
Delta R.T.: 0.007 min
Response: 226453
Conc: 1.59 ug/ml



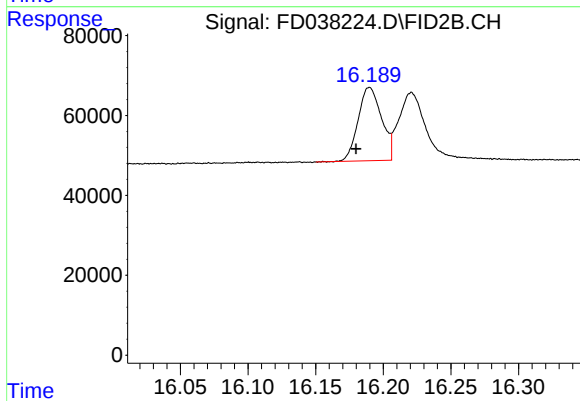
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.008 min
Response: 199437
Conc: 1.56 ug/ml



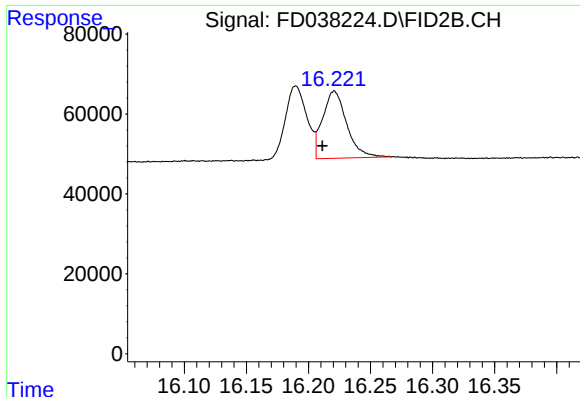
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: 0.008 min
Response: 263278
Conc: 1.86 ug/ml



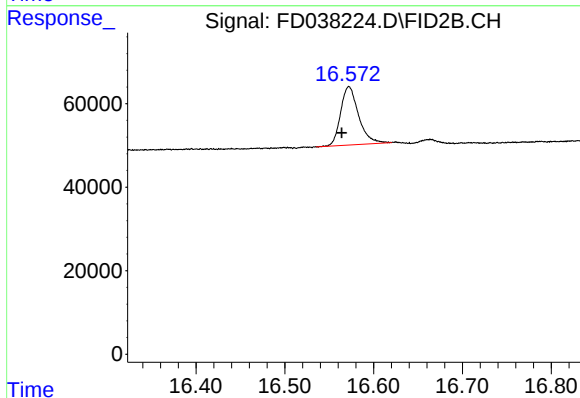
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.190 min
Delta R.T.: 0.010 min
Response: 221195
Conc: 1.77 ug/ml



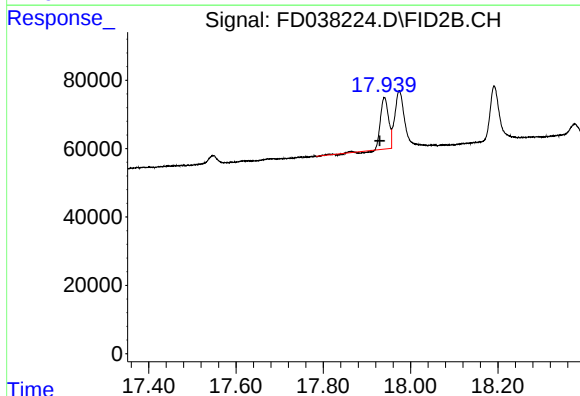
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: 0.010 min
Response: 227474
Conc: 1.73 ug/ml



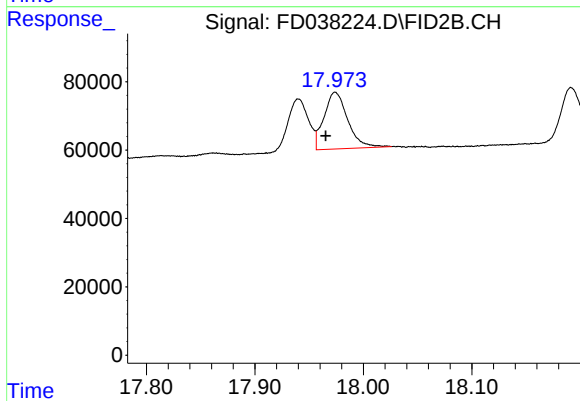
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.008 min
Response: 195845
Conc: 1.67 ug/ml



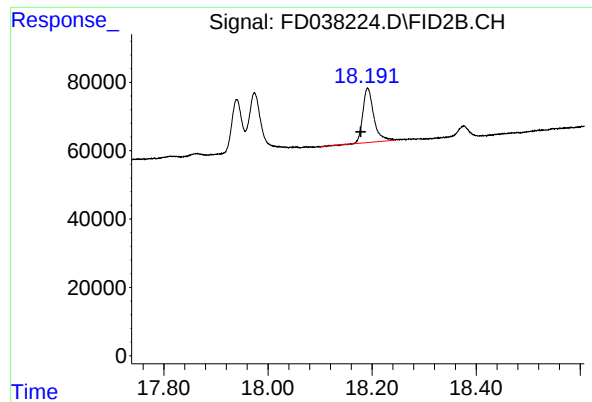
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.940 min
Delta R.T.: 0.011 min
Response: 188082
Conc: 1.82 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.009 min
Response: 252689
Conc: 2.14 ug/ml



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

R.T.: 18.192 min
Delta R.T.: 0.014 min
Response: 233857
Conc: 2.14 ug/ml