

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092021AR\
 Data File : FD038831.D
 Signal(s) : FID2B.CH
 Acq On : 20 Sep 2021 23:19
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 21 04:23:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 04:21:35 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...	7.763	737159	5.237 ug/ml
Spiked Amount 50.000		Recovery =	10.47%
6) S 2-Fluorobiphenyl (SURR)	8.631	506953	5.236 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.47%
11) S ortho-Terphenyl (SURR)	11.674	781185	5.232 ug/ml
Spiked Amount 50.000		Recovery =	10.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.553	784371	5.260 ug/ml
2) T Naphthalene (C11.7)	6.100	832242	5.266 ug/ml
3) T 2-Methylnaphthalene (...)	7.154	841611	5.255 ug/ml
5) T Acenaphthylene (C15.06)	8.434	783067	5.279 ug/ml
7) T Acenaphthene (C15.5)	8.729	815193	5.225 ug/ml
8) T Fluorene (C16.55)	9.511	806923	5.205 ug/ml
9) T Phenanthrene (C19.36)	10.910	788191	5.196 ug/ml
10) T Anthracene (C19.43)	10.985	791152	5.203 ug/ml
12) T Fluoranthene (C21.85)	12.724	773073	5.189 ug/ml
13) T Pyrene (C20.8)	13.022	749132	5.194 ug/ml
14) T Benzo[a]anthracene (C...	14.892	651207	5.118 ug/ml
15) T Chrysene (C27.41)	14.934	687324	5.174 ug/ml
16) T benzo[b]fluoranthene ...	16.441	586376	5.086 ug/ml
17) T Bnezo[k]fluoranthene ...	16.471	581213	5.083 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.820	558446	5.105 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.182	520801	5.179 ug/ml
20) T Dibenz[a,h]anthracene...	18.222	548673	5.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.435	526853	5.204 ug/ml

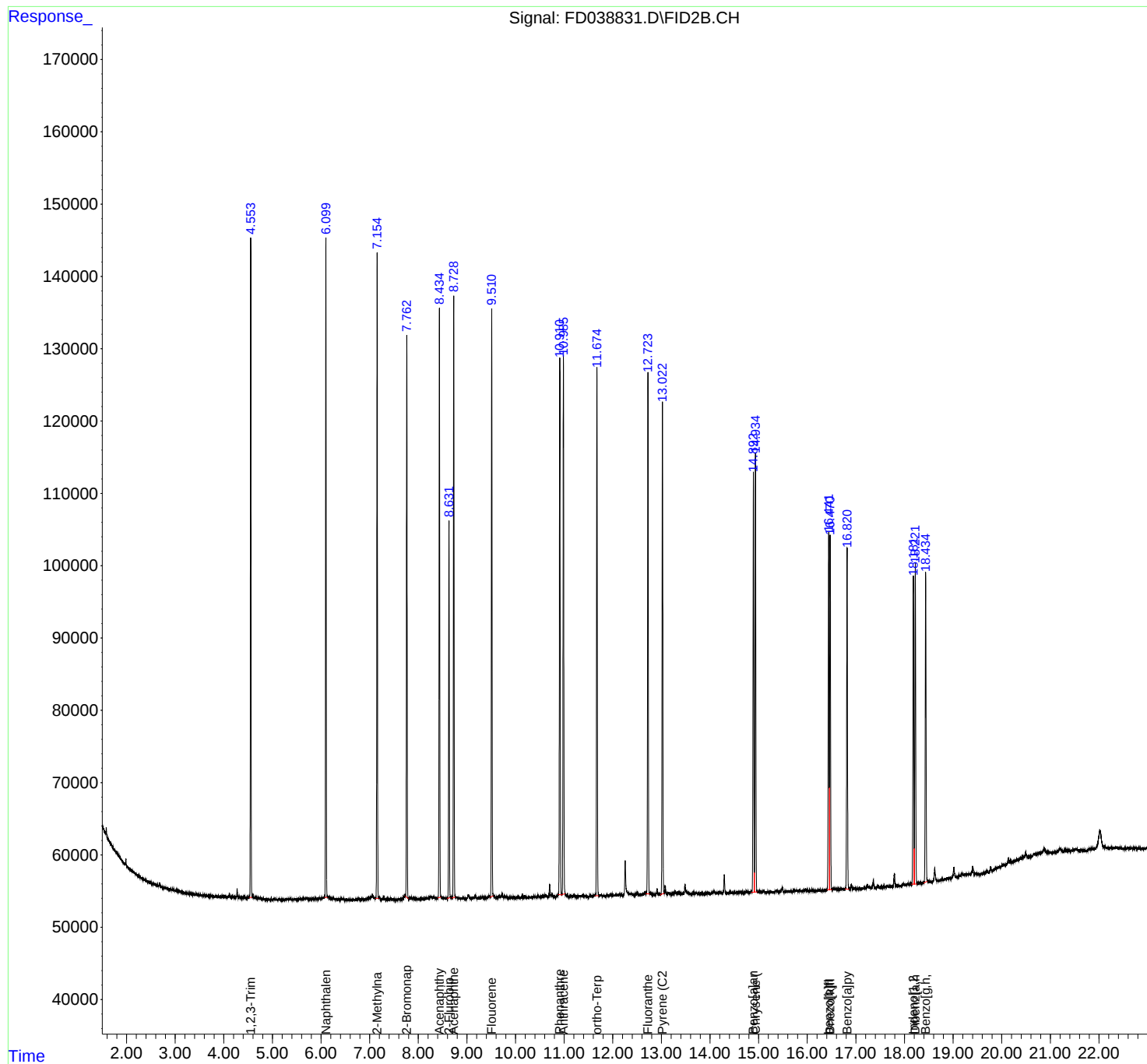
(f)=RT Delta > 1/2 Window

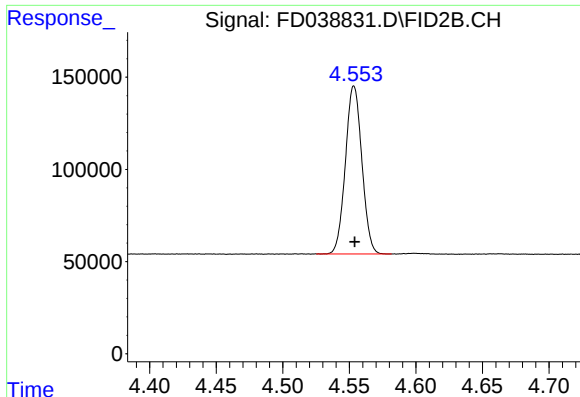
(m)=manual int.

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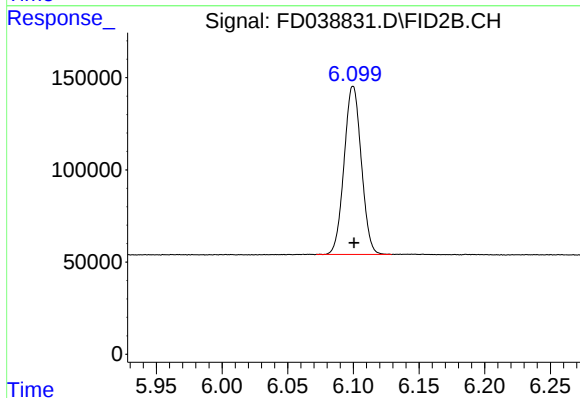
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





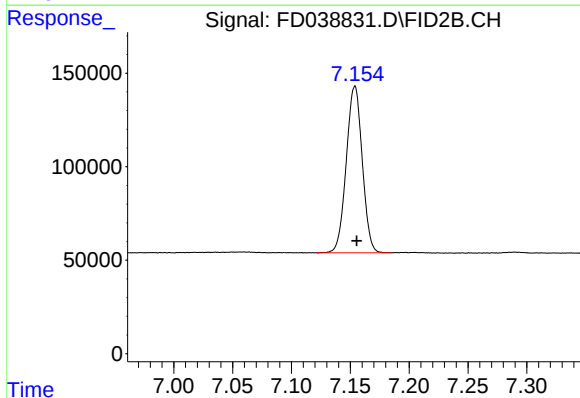
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 784371
Conc: 5.26 ug/ml



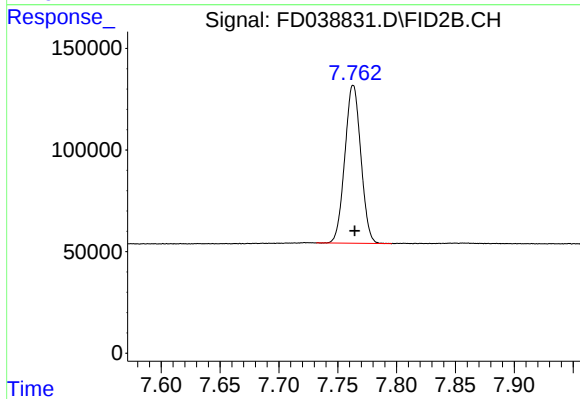
#2 Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.000 min
Response: 832242
Conc: 5.27 ug/ml



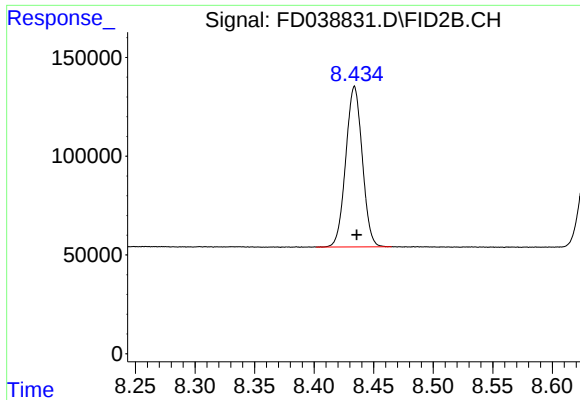
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.154 min
Delta R.T.: -0.001 min
Response: 841611
Conc: 5.25 ug/ml



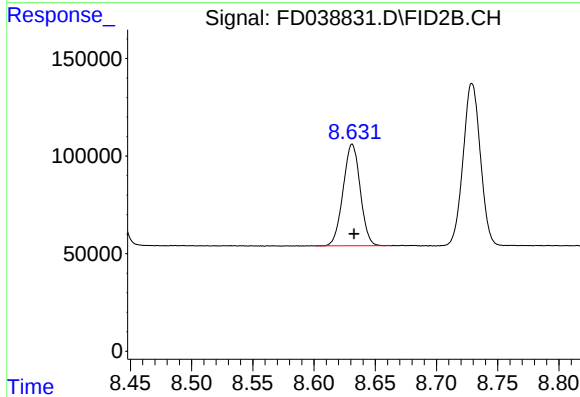
#4 2-Bromonaphthalene (SURR)

R.T.: 7.763 min
Delta R.T.: -0.001 min
Response: 737159
Conc: 5.24 ug/ml



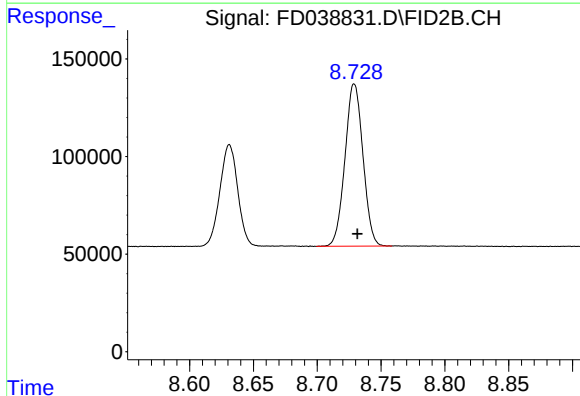
#5 Acenaphthylene (C15.06)

R.T.: 8.434 min
Delta R.T.: -0.002 min
Response: 783067
Conc: 5.28 ug/ml



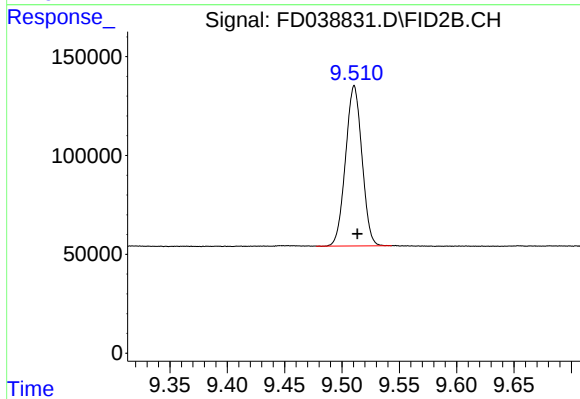
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.631 min
Delta R.T.: -0.002 min
Response: 506953
Conc: 5.24 ug/ml



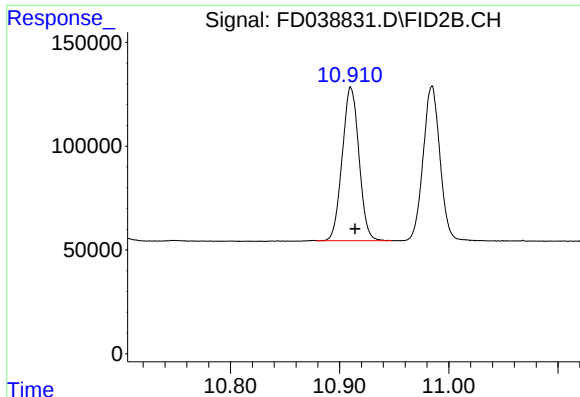
#7 Acenaphthene (C15.5)

R.T.: 8.729 min
Delta R.T.: -0.003 min
Response: 815193
Conc: 5.22 ug/ml



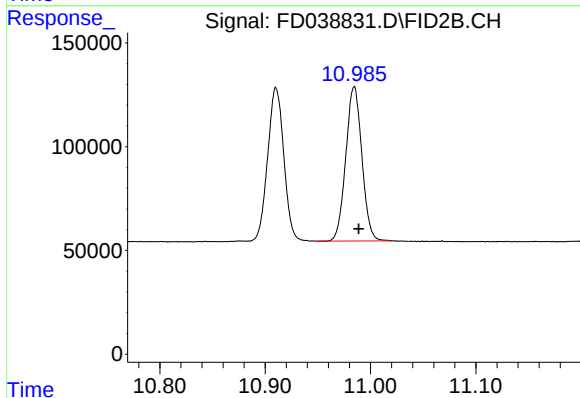
#8 Flouorene (C16.55)

R.T.: 9.511 min
Delta R.T.: -0.003 min
Response: 806923
Conc: 5.20 ug/ml



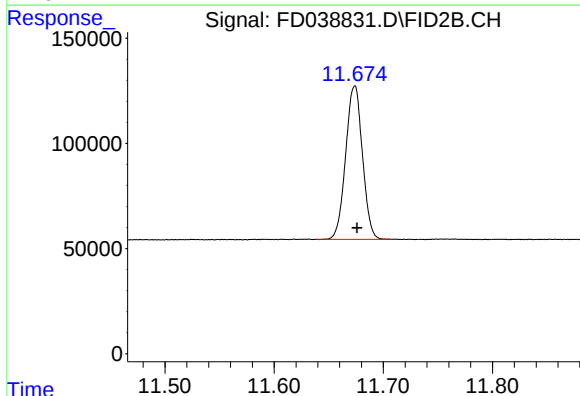
#9 Phenanthrene (C19.36)

R.T.: 10.910 min
Delta R.T.: -0.004 min
Response: 788191
Conc: 5.20 ug/ml



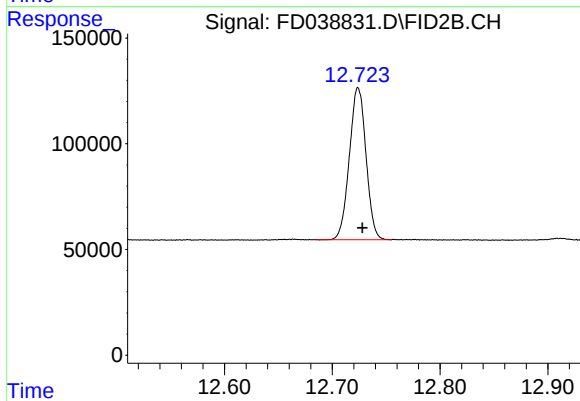
#10 Anthracene (C19.43)

R.T.: 10.985 min
Delta R.T.: -0.004 min
Response: 791152
Conc: 5.20 ug/ml



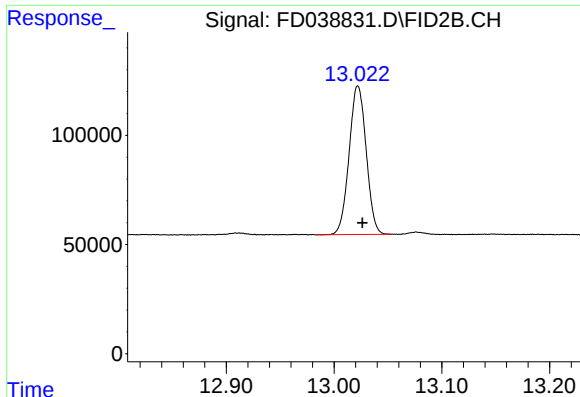
#11 ortho-Terphenyl (SURR)

R.T.: 11.674 min
Delta R.T.: -0.002 min
Response: 781185
Conc: 5.23 ug/ml



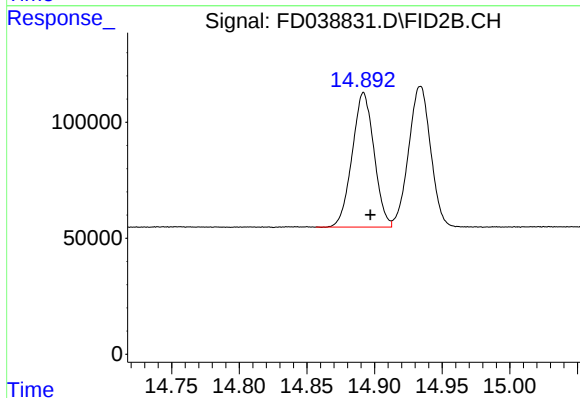
#12 Fluoranthene (C21.85)

R.T.: 12.724 min
Delta R.T.: -0.004 min
Response: 773073
Conc: 5.19 ug/ml



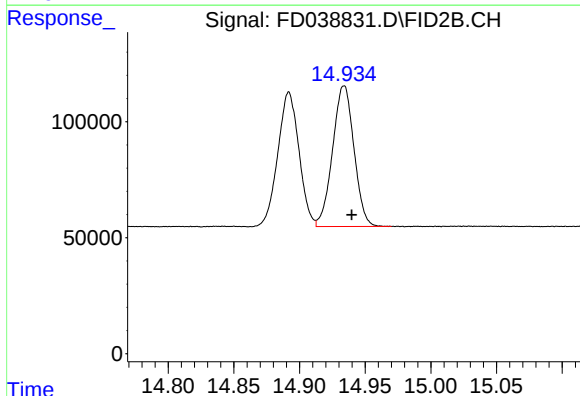
#13 Pyrene (C20.8)

R.T.: 13.022 min
Delta R.T.: -0.004 min
Response: 749132
Conc: 5.19 ug/ml



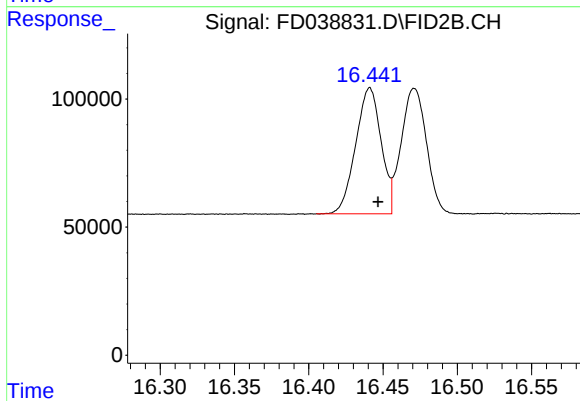
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.892 min
Delta R.T.: -0.005 min
Response: 651207
Conc: 5.12 ug/ml



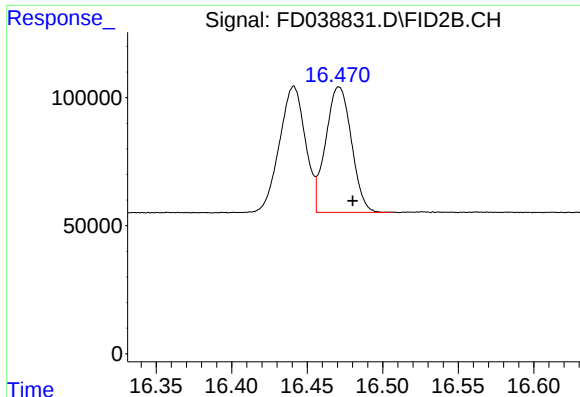
#15 Chrysene (C27.41)

R.T.: 14.934 min
Delta R.T.: -0.006 min
Response: 687324
Conc: 5.17 ug/ml



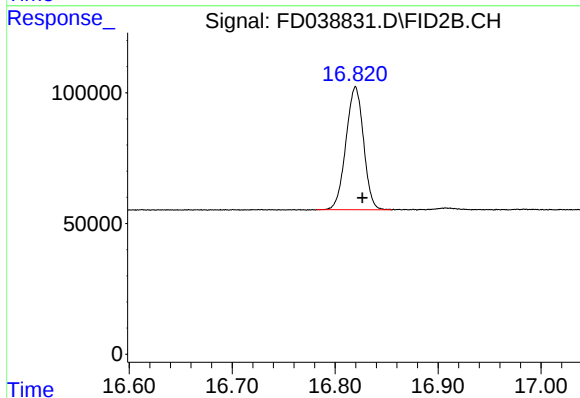
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.441 min
Delta R.T.: -0.005 min
Response: 586376
Conc: 5.09 ug/ml



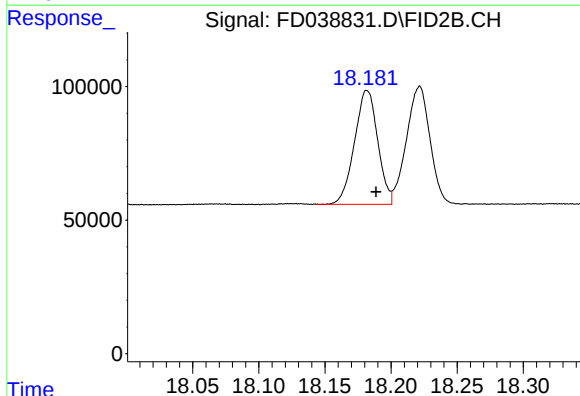
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.471 min
Delta R.T.: -0.009 min
Response: 581213
Conc: 5.08 ug/ml



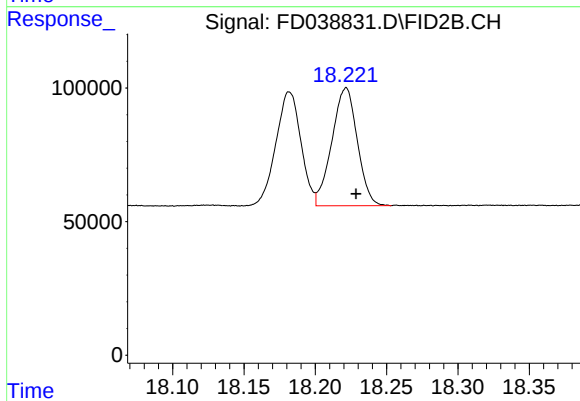
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.820 min
Delta R.T.: -0.007 min
Response: 558446
Conc: 5.11 ug/ml



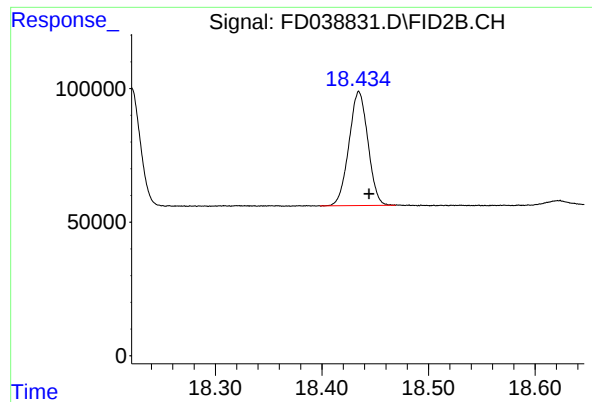
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.182 min
Delta R.T.: -0.007 min
Response: 520801
Conc: 5.18 ug/ml



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

R.T.: 18.222 min
Delta R.T.: -0.007 min
Response: 548673
Conc: 5.41 ug/ml



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

R.T.: 18.435 min
Delta R.T.: -0.009 min
Response: 526853
Conc: 5.20 ug/ml