

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100319AR\
 Data File : FD030894.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2019 2:09
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 03:19:55 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...	7.571	3808567	22.367 ug/ml
Spiked Amount 50.000		Recovery =	44.73%
6) S 2-Fluorobiphenyl (SURR)	8.432	2485261	21.549 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.10%
11) S ortho-Terphenyl (SURR)	11.461	3913724	20.958 ug/ml
Spiked Amount 50.000		Recovery =	41.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	4303133	23.366 ug/ml
2) T Naphthalene (C11.7)	5.914	4372375	22.739 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	4266700	22.400 ug/ml
5) T Acenaphthylene (C15.06)	8.236	3978275	21.599 ug/ml
7) T Acenaphthene (C15.5)	8.531	4195565	21.737 ug/ml
8) T Flouorene (C16.55)	9.309	4030000	21.321 ug/ml
9) T Phenanthrene (C19.36)	10.702	3874189	20.603 ug/ml
10) T Anthracene (C19.43)	10.776	3501922	19.161 ug/ml
12) T Fluoranthene (C21.85)	12.508	3703236	19.806 ug/ml
13) T Pyrene (C20.8)	12.804	3571882	19.424 ug/ml
14) T Benzo[a]anthracene (C...	14.671	3386659	19.574 ug/ml
15) T Chrysene (C27.41)	14.713	3509032	19.771 ug/ml
16) T benzo[b]fluoranthene ...	16.218	3526260	20.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.251	3535176	20.746 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.596	3475092	21.169 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	3505249	22.374 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	3549438	22.684 ug/ml
21) T Benzo[g,h,i]perylene ...	18.215	3482365	22.613 ug/ml

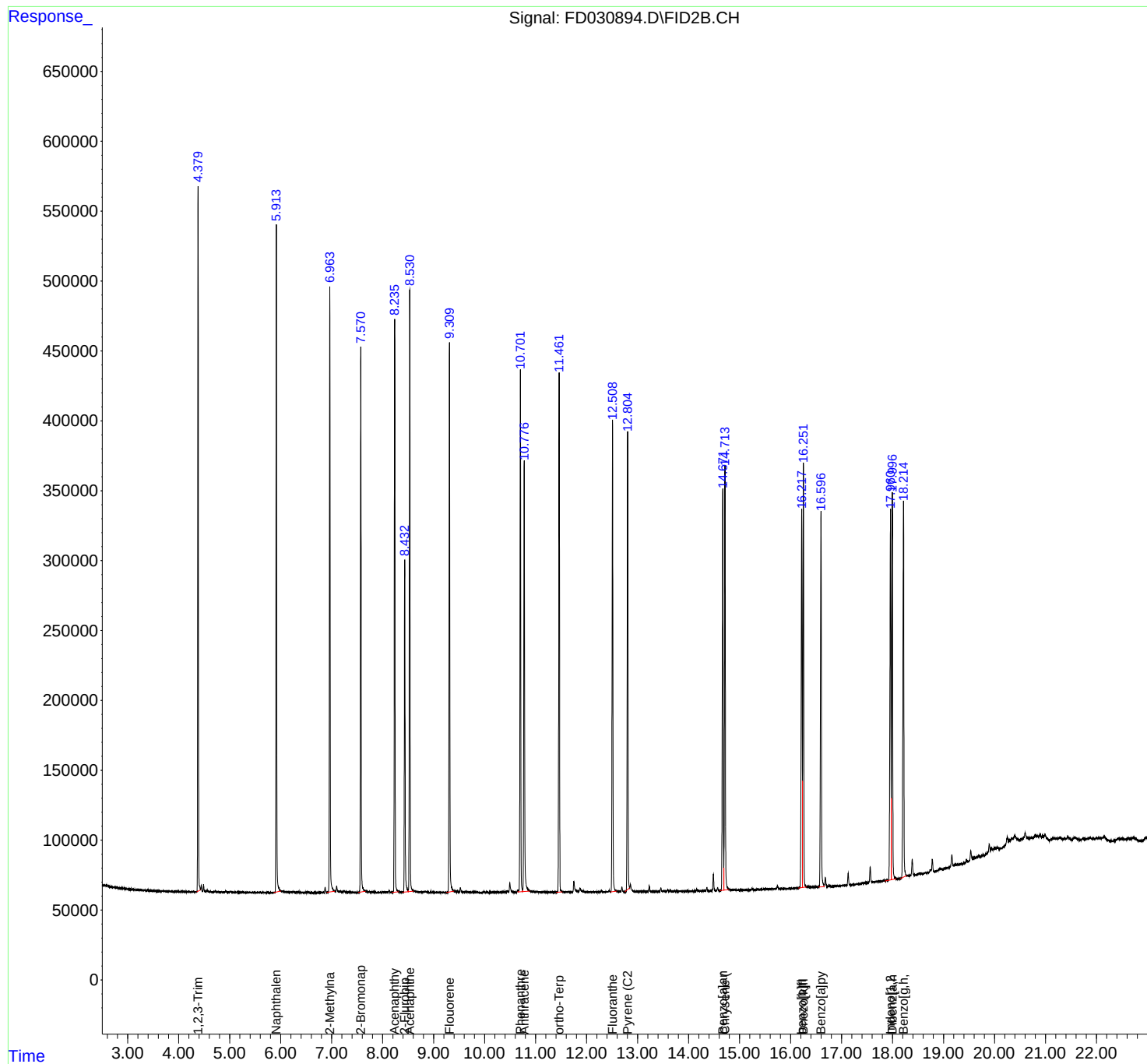
(f)=RT Delta > 1/2 Window

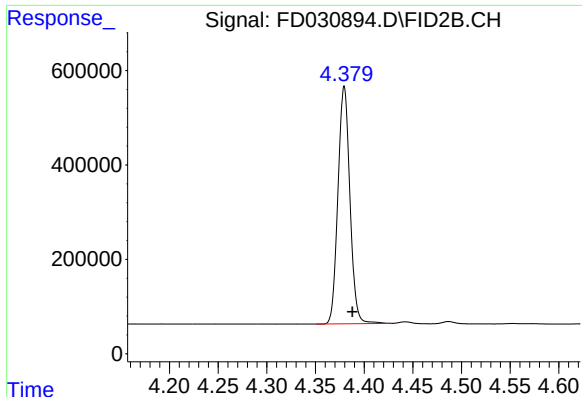
(m)=manual int.

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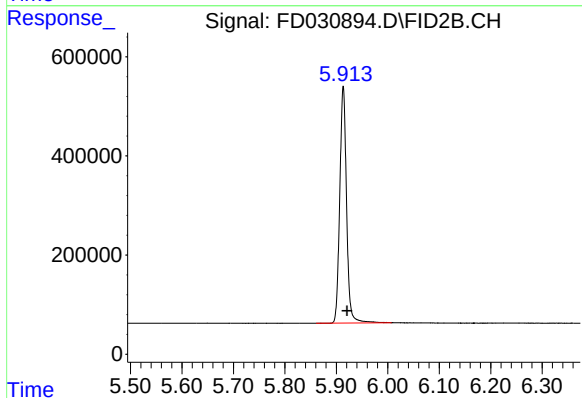
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





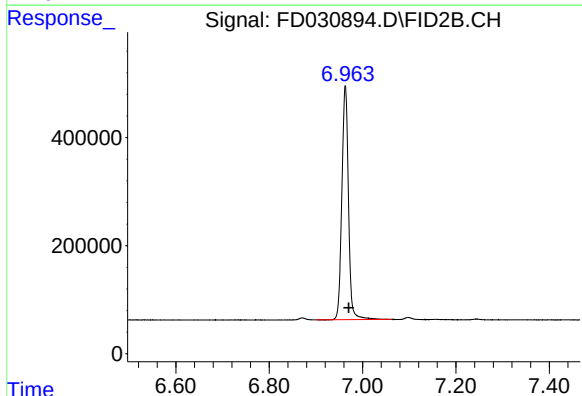
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 4303133
Conc: 23.37 ug/ml



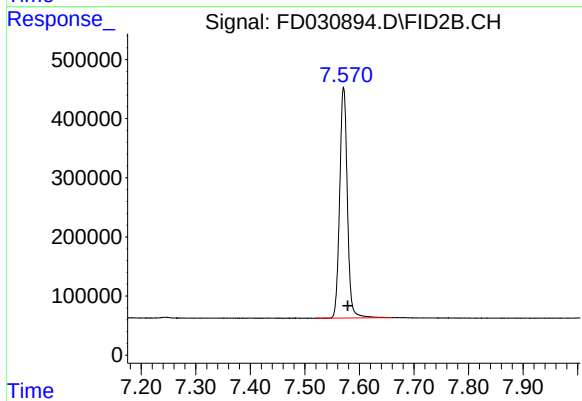
#2 Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.008 min
Response: 4372375
Conc: 22.74 ug/ml



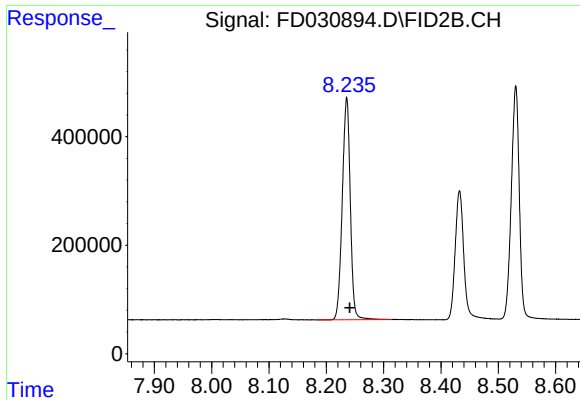
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.007 min
Response: 4266700
Conc: 22.40 ug/ml



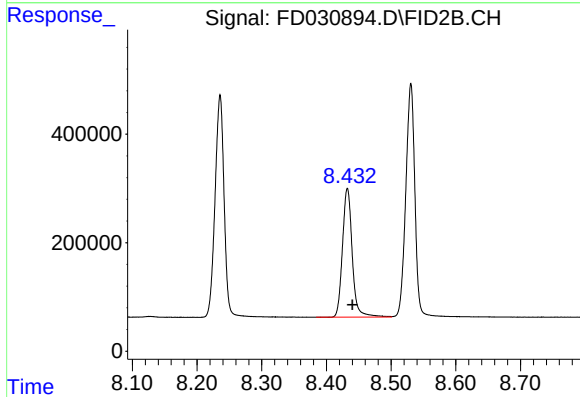
#4 2-Bromonaphthalene (SURR)

R.T.: 7.571 min
Delta R.T.: -0.008 min
Response: 3808567
Conc: 22.37 ug/ml



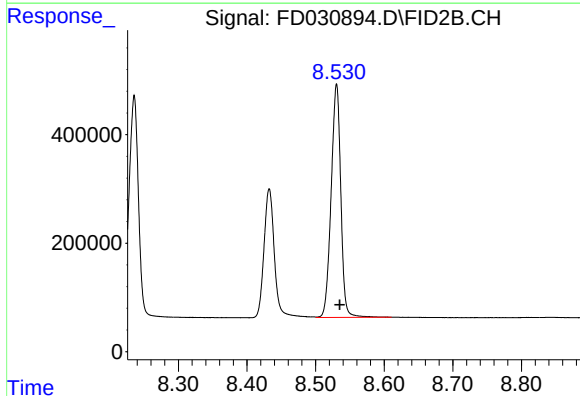
#5 Acenaphthylene (C15.06)

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 3978275
Conc: 21.60 ug/ml



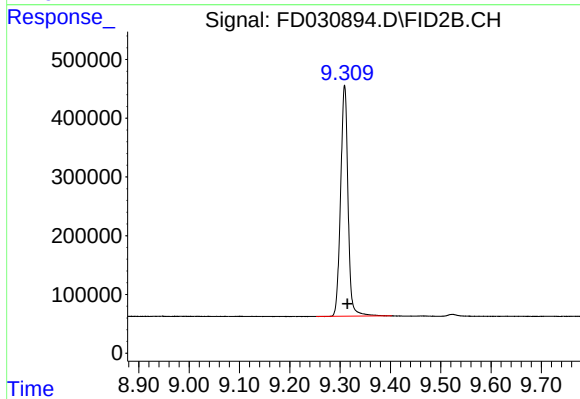
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.432 min
Delta R.T.: -0.008 min
Response: 2485261
Conc: 21.55 ug/ml



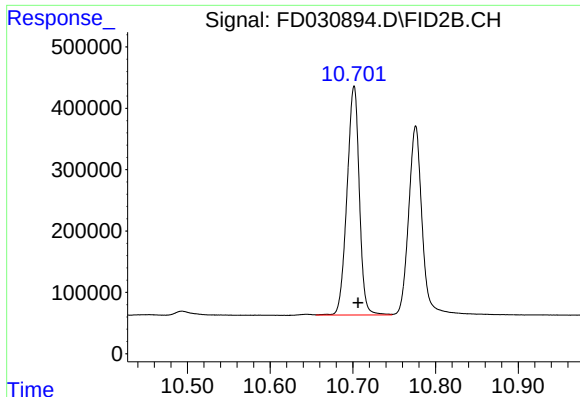
#7 Acenaphthene (C15.5)

R.T.: 8.531 min
Delta R.T.: -0.004 min
Response: 4195565
Conc: 21.74 ug/ml



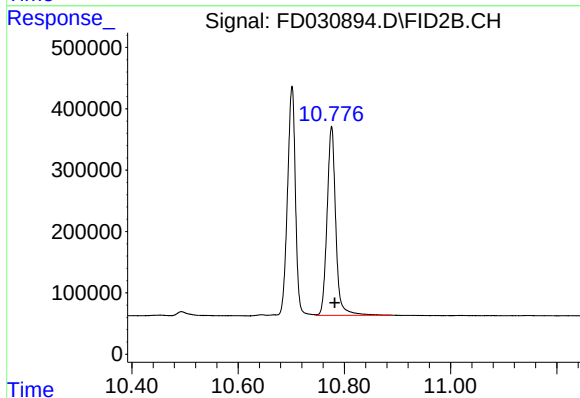
#8 Flouorene (C16.55)

R.T.: 9.309 min
Delta R.T.: -0.006 min
Response: 4030000
Conc: 21.32 ug/ml



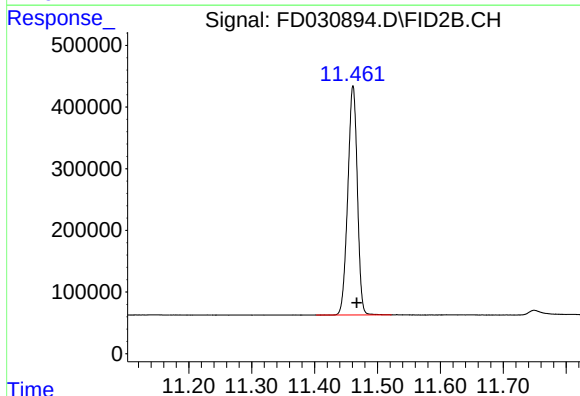
#9 Phenanthrene (C19.36)

R.T.: 10.702 min
Delta R.T.: -0.005 min
Response: 3874189
Conc: 20.60 ug/ml



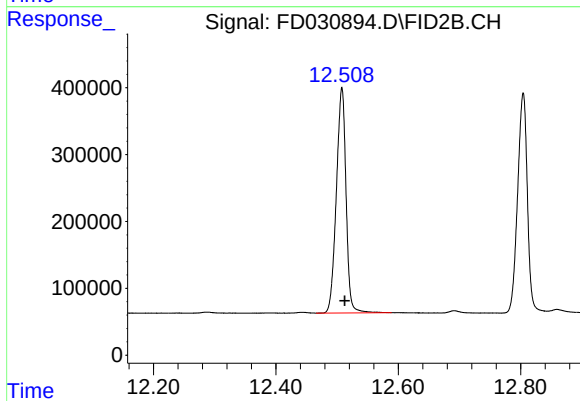
#10 Anthracene (C19.43)

R.T.: 10.776 min
Delta R.T.: -0.006 min
Response: 3501922
Conc: 19.16 ug/ml



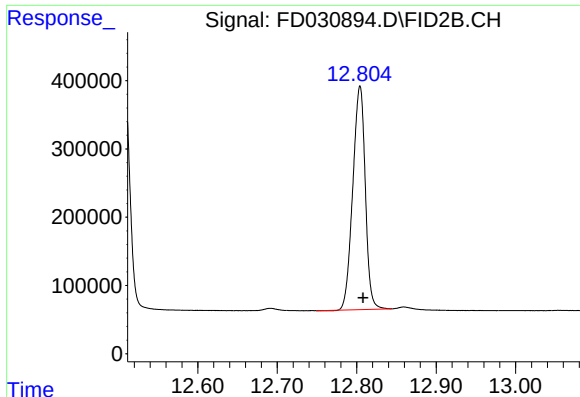
#11 ortho-Terphenyl (SURR)

R.T.: 11.461 min
Delta R.T.: -0.006 min
Response: 3913724
Conc: 20.96 ug/ml



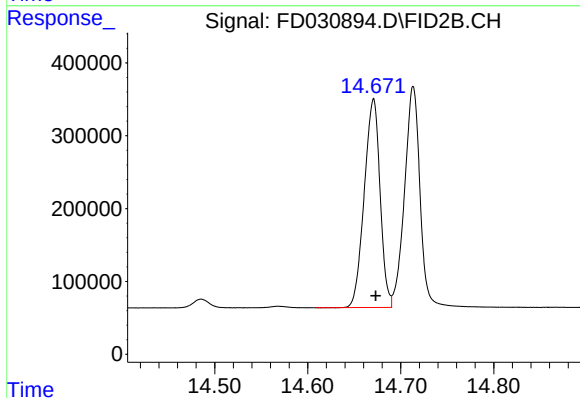
#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: -0.004 min
Response: 3703236
Conc: 19.81 ug/ml



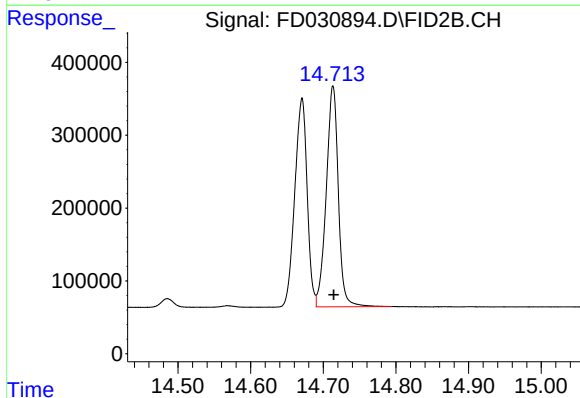
#13 Pyrene (C20.8)

R.T.: 12.804 min
Delta R.T.: -0.004 min
Response: 3571882
Conc: 19.42 ug/ml



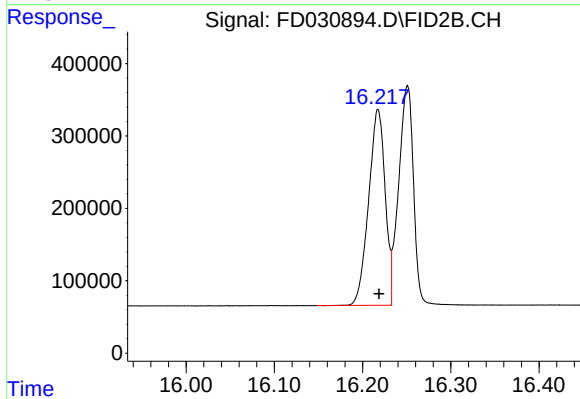
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.002 min
Response: 3386659
Conc: 19.57 ug/ml



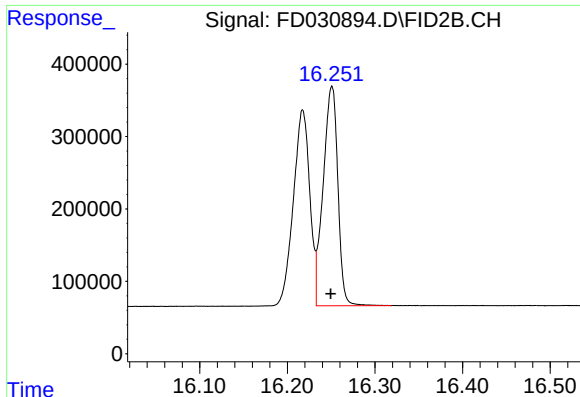
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: 0.000 min
Response: 3509032
Conc: 19.77 ug/ml



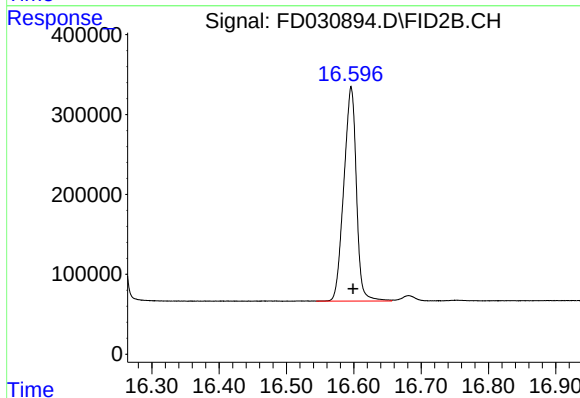
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.218 min
Delta R.T.: -0.001 min
Response: 3526260
Conc: 20.94 ug/ml



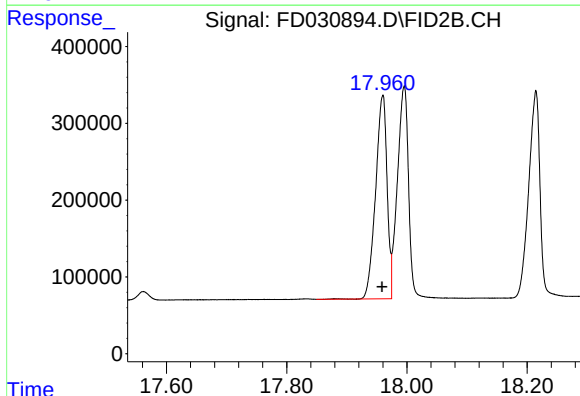
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.251 min
Delta R.T.: 0.001 min
Response: 3535176
Conc: 20.75 ug/ml



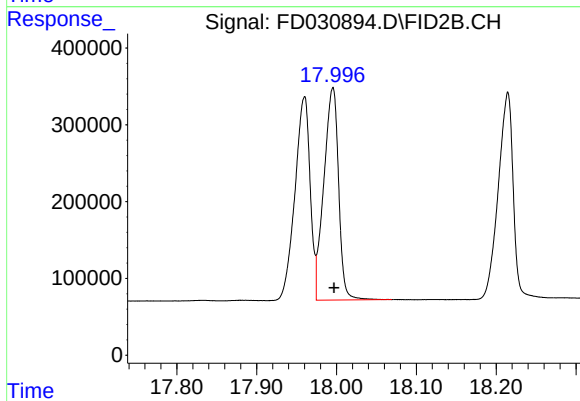
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.596 min
Delta R.T.: -0.003 min
Response: 3475092
Conc: 21.17 ug/ml



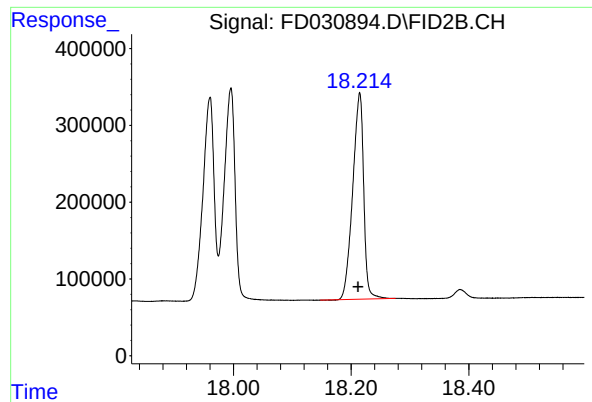
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.001 min
Response: 3505249
Conc: 22.37 ug/ml



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

R.T.: 17.995 min
Delta R.T.: -0.002 min
Response: 3549438
Conc: 22.68 ug/ml



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

R.T.: 18.215 min
Delta R.T.: 0.003 min
Response: 3482365
Conc: 22.61 ug/ml