

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AR\
 Data File : FD038184.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 11:55
 Operator : DD\AJ
 Sample : PB137648BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 15 03:48:17 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...	7.519	6187142	47.473 ug/ml
Spiked Amount 50.000		Recovery =	94.95%
6) S 2-Fluorobiphenyl (SURR)	8.379	3764190	42.537 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.07%
11) S ortho-Terphenyl (SURR)	11.416	5402372	35.647 ug/ml
Spiked Amount 50.000		Recovery =	71.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.324	4043657	28.548 ug/ml
2) T Naphthalene (C11.7)	5.857	4751737	32.140 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4779000	32.563 ug/ml
5) T Acenaphthylene (C15.06)	8.181	5115265	34.290 ug/ml
7) T Acenaphthene (C15.5)	8.477	5374125	34.708 ug/ml
8) T Flouorene (C16.55)	9.257	5111406	34.868 ug/ml
9) T Phenanthrene (C19.36)	10.651	4973626	34.406 ug/ml
10) T Anthracene (C19.43)	10.727	5029134	35.549 ug/ml
12) T Fluoranthene (C21.85)	12.461	4824896	33.305 ug/ml
13) T Pyrene (C20.8)	12.758	4769418	33.472 ug/ml
14) T Benzo[a]anthracene (C...	14.629	4248617	33.276 ug/ml
15) T Chrysene (C27.41)	14.672	4782250	33.779 ug/ml
16) T benzo[b]fluoranthene ...	16.181	4322380	34.662 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	4390896	33.472 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4313608	36.773 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	3908332	37.761 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	4271619	36.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	4273934	39.156 ug/ml

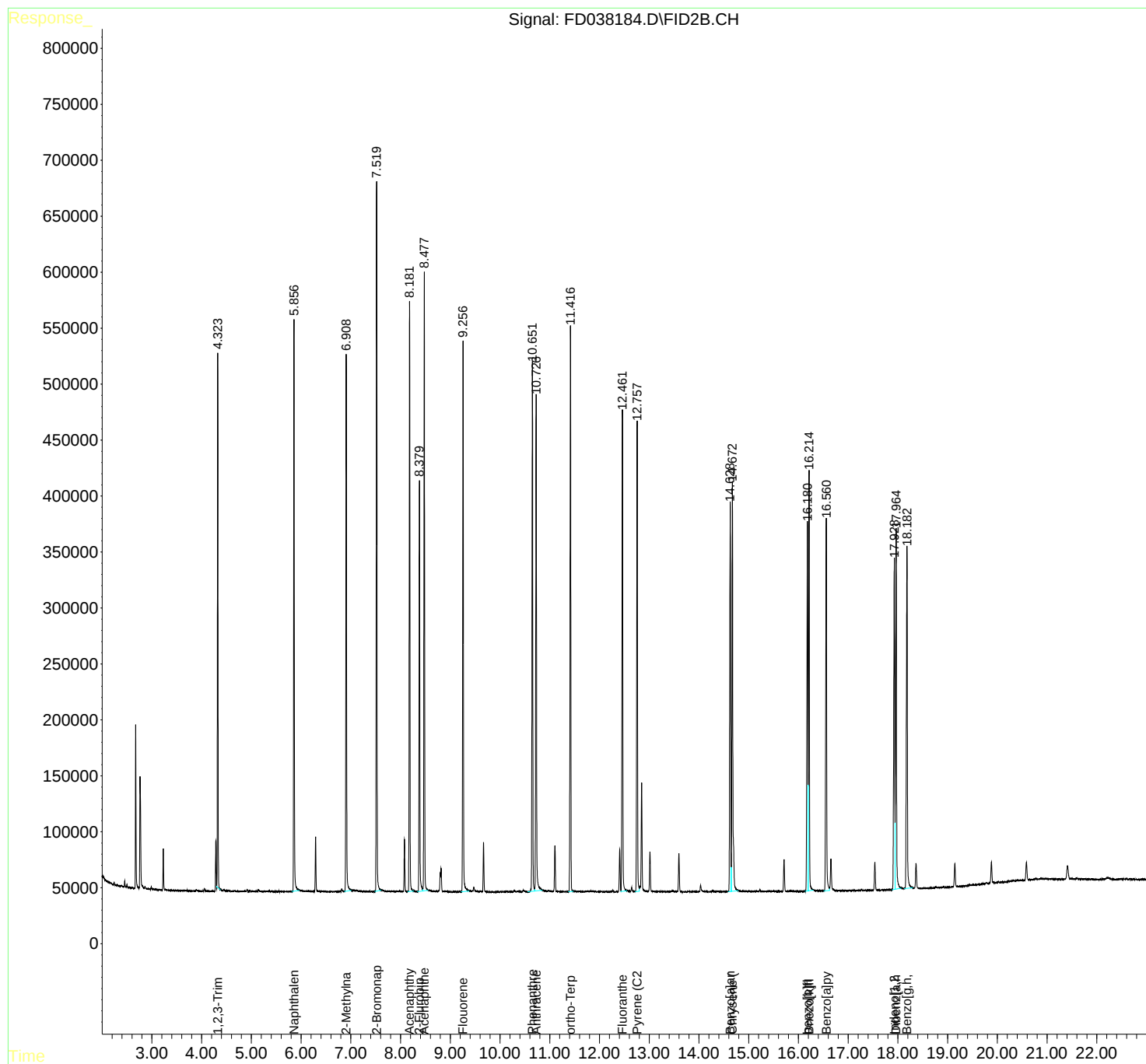
(f)=RT Delta > 1/2 Window

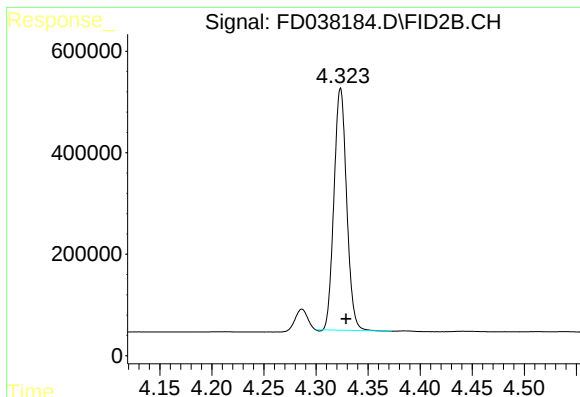
(m)=manual int.

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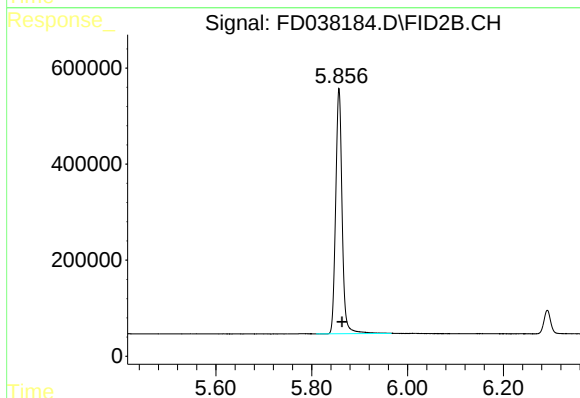
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Signal Info : 20M x 0.18mm x 0.18µm





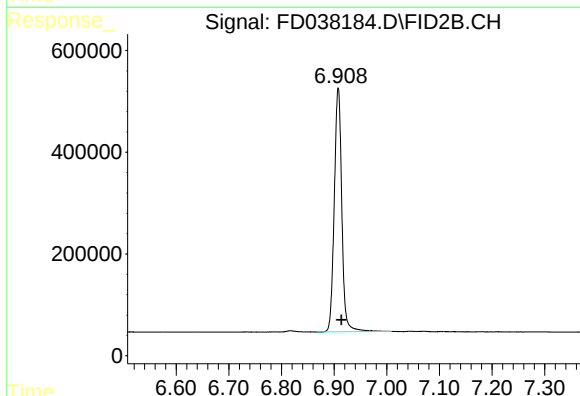
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.324 min
Delta R.T.: -0.005 min
Response: 4043657
Conc: 28.55 ug/ml



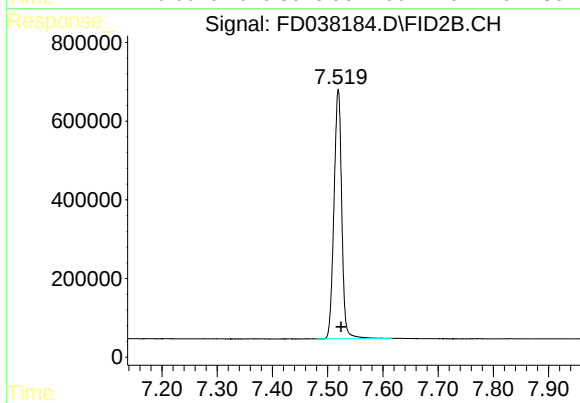
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.007 min
Response: 4751737
Conc: 32.14 ug/ml



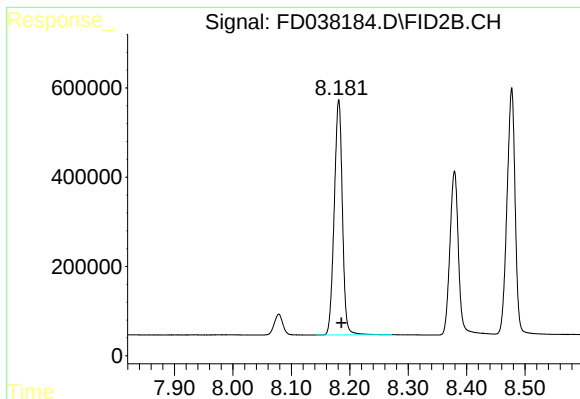
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.006 min
Response: 4779000
Conc: 32.56 ug/ml



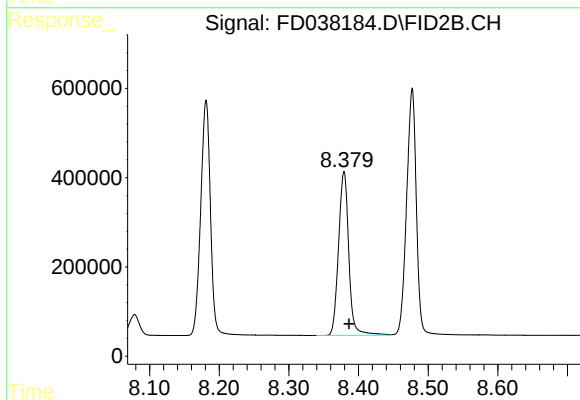
#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 6187142
Conc: 47.47 ug/ml



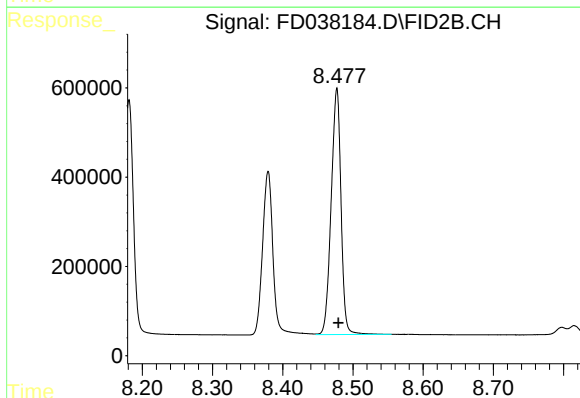
#5 Acenaphthylene (C15.06)

R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 5115265
Conc: 34.29 ug/ml



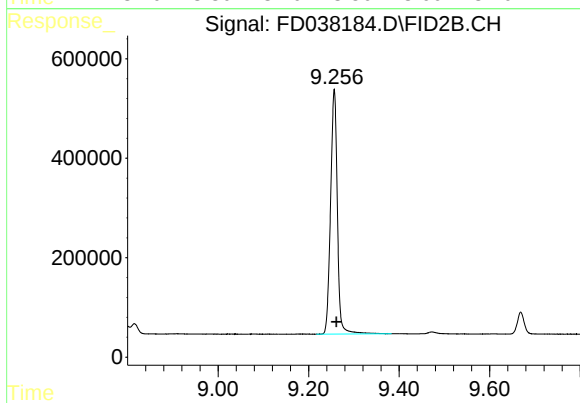
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.007 min
Response: 3764190
Conc: 42.54 ug/ml



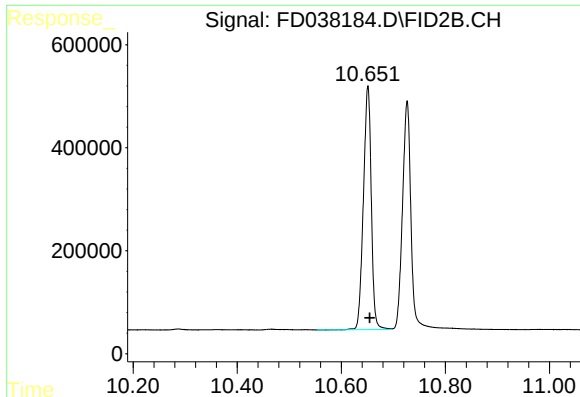
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 5374125
Conc: 34.71 ug/ml



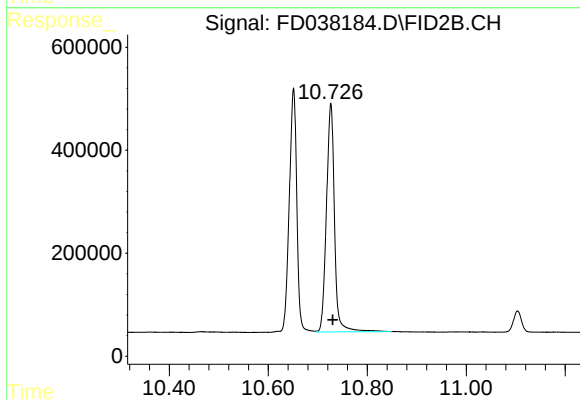
#8 Fluorene (C16.55)

R.T.: 9.257 min
Delta R.T.: -0.005 min
Response: 5111406
Conc: 34.87 ug/ml



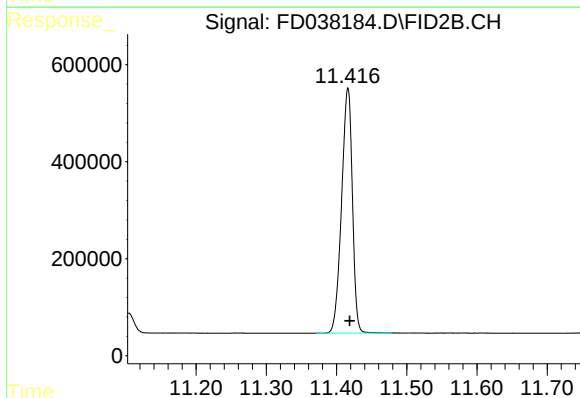
#9 Phenanthrene (C19.36)

R.T.: 10.651 min
Delta R.T.: -0.003 min
Response: 4973626
Conc: 34.41 ug/ml



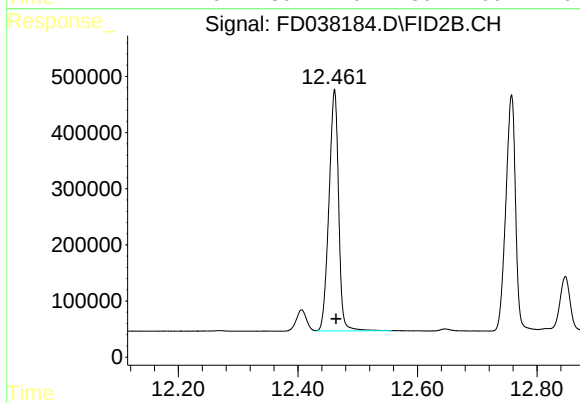
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.004 min
Response: 5029134
Conc: 35.55 ug/ml



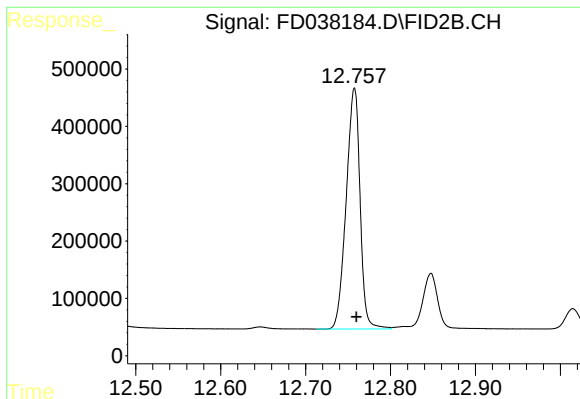
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: -0.002 min
Response: 5402372
Conc: 35.65 ug/ml



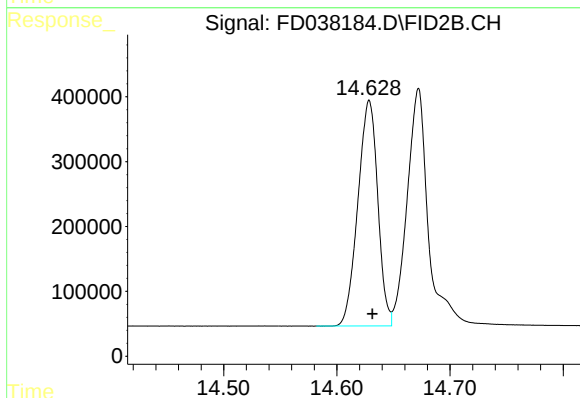
#12 Fluoranthene (C21.85)

R.T.: 12.461 min
Delta R.T.: -0.002 min
Response: 4824896
Conc: 33.30 ug/ml



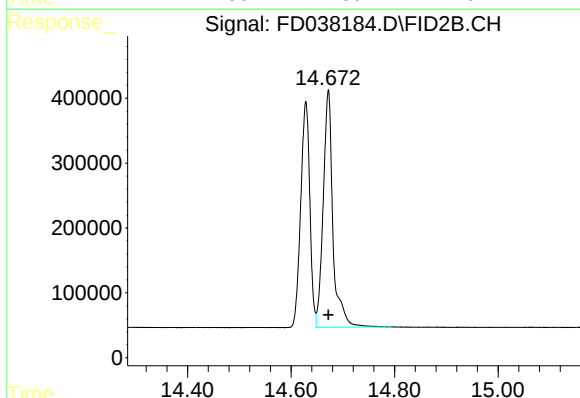
#13 Pyrene (C20.8)

R.T.: 12.758 min
Delta R.T.: -0.002 min
Response: 4769418
Conc: 33.47 ug/ml



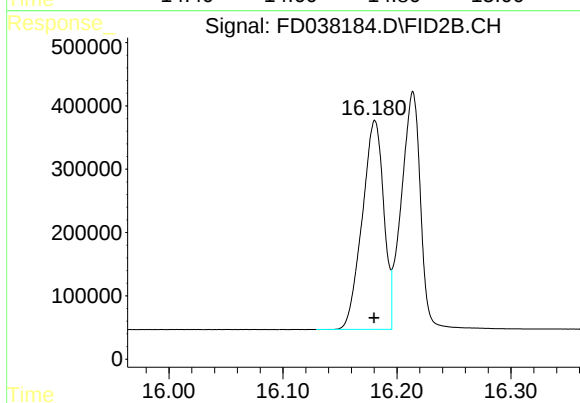
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.629 min
Delta R.T.: -0.003 min
Response: 4248617
Conc: 33.28 ug/ml



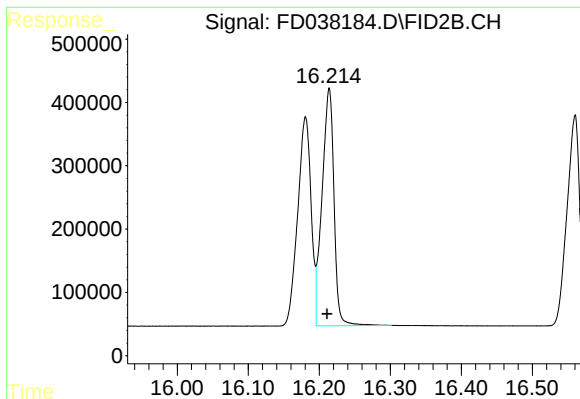
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 4782250
Conc: 33.78 ug/ml



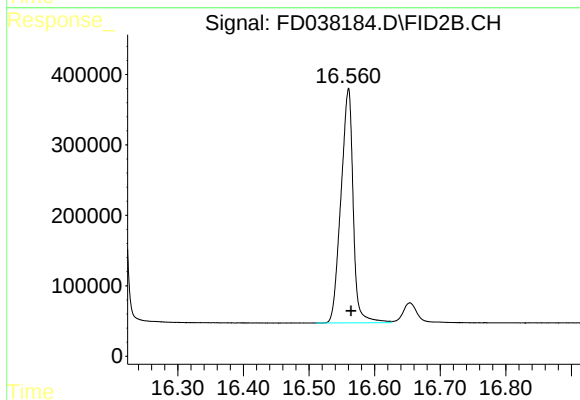
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 4322380
Conc: 34.66 ug/ml



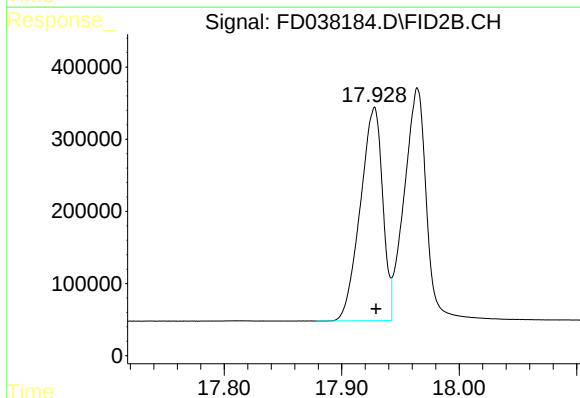
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min
Delta R.T.: 0.003 min
Response: 4390896
Conc: 33.47 ug/ml



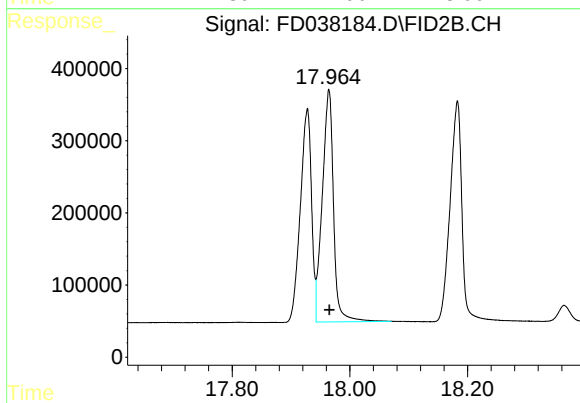
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: -0.004 min
Response: 4313608
Conc: 36.77 ug/ml



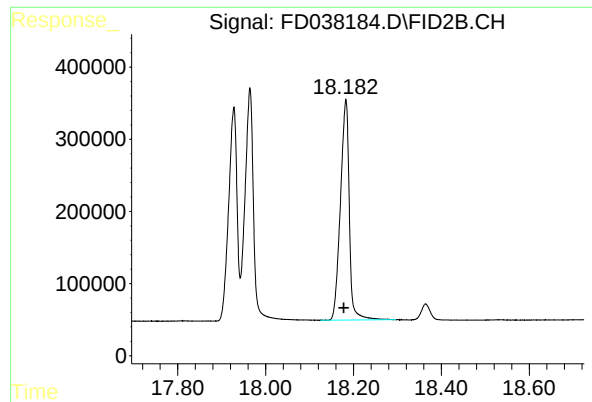
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: -0.001 min
Response: 3908332
Conc: 37.76 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.000 min
Response: 4271619
Conc: 36.24 ug/ml



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

R.T.: 18.183 min
Delta R.T.: 0.005 min
Response: 4273934
Conc: 39.16 ug/ml