

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071020AR\
 Data File : FD033939.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jul 2020 16:54
 Operator : DD\AJ
 Sample : PB130048BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 10 03:48:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 2020
 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...	7.708	5264725	43.833 ug/ml
Spiked Amount 50.000		Recovery =	87.67%
6) S 2-Fluorobiphenyl (SURR)	8.573	3710559	43.778 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.56%
11) S ortho-Terphenyl (SURR)	11.617	5224722	38.617 ug/ml
Spiked Amount 50.000		Recovery =	77.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	3890616	29.457 ug/ml
2) T Naphthalene (C11.7)	6.044	4498327	32.476 ug/ml
3) T 2-Methylnaphthalene (...)	7.097	4843716	34.780 ug/ml
5) T Acenaphthylene (C15.06)	8.376	4855192	36.114 ug/ml
7) T Acenaphthene (C15.5)	8.673	5164628	37.733 ug/ml
8) T Flouorene (C16.55)	9.454	5366311	39.912 ug/ml
9) T Phenanthrene (C19.36)	10.851	5402505	40.425 ug/ml
10) T Anthracene (C19.43)	10.927	5371970	40.484 ug/ml
12) T Fluoranthene (C21.85)	12.665	5307374	39.948 ug/ml
13) T Pyrene (C20.8)	12.963	5147482	39.707 ug/ml
14) T Benzo[a]anthracene (C...	14.832	4869189	39.114 ug/ml
15) T Chrysene (C27.41)	14.878	5870194	47.270 ug/ml
16) T benzo[b]fluoranthene ...	16.383	4964976	41.731 ug/ml
17) T Bnezo[k]fluoranthene ...	16.417	4788187	41.323 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	4364869	37.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.125	4495230	40.373 ug/ml
20) T Dibenz[a,h]anthracene...	18.164	4448125	40.259 ug/ml
21) T Benzo[g,h,i]perylene ...	18.380	4425932	40.079 ug/ml

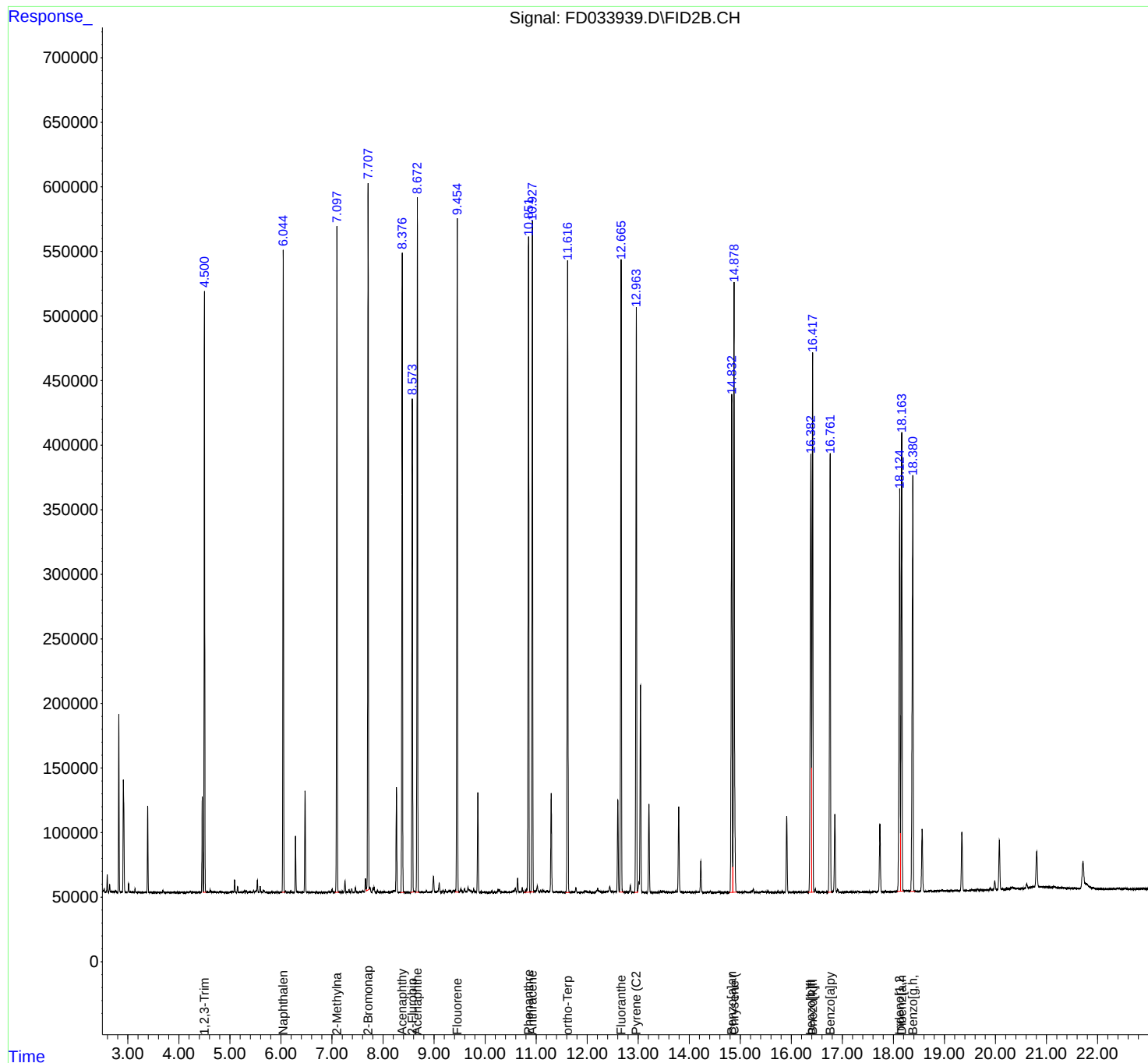
(f)=RT Delta > 1/2 Window

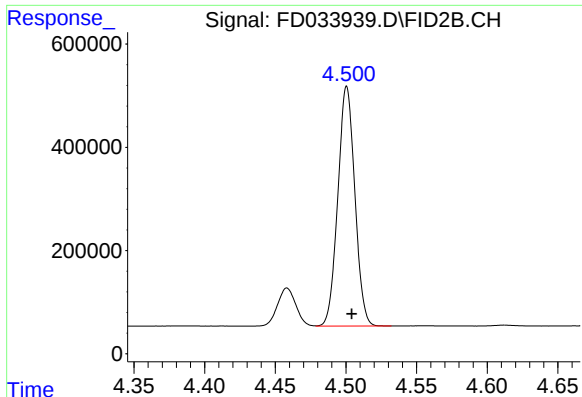
(m)=manual int.

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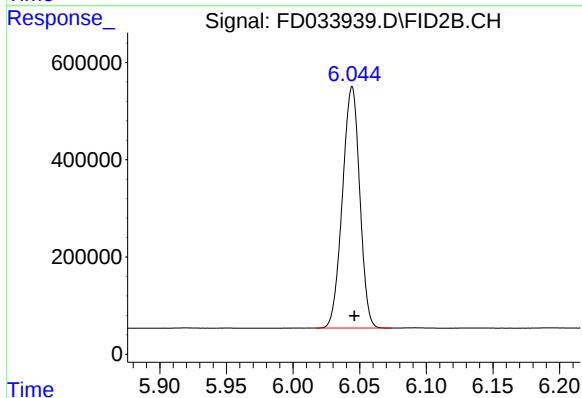
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Signal Info : 20M x 0.18mm x 0.18µm





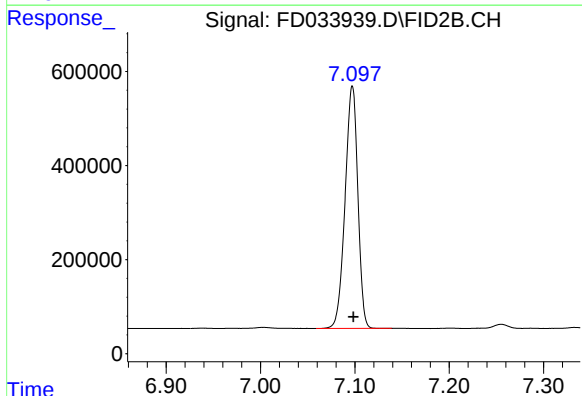
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.003 min
Response: 3890616
Conc: 29.46 ug/ml



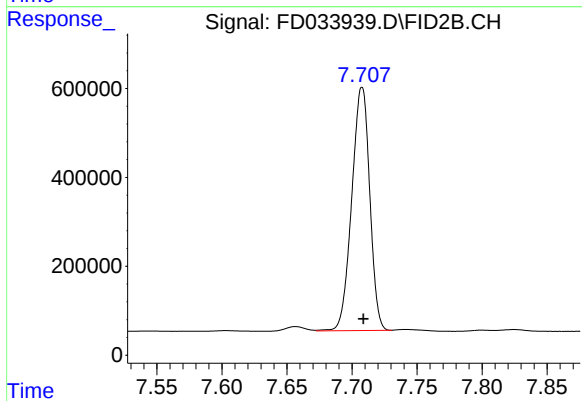
#2 Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 4498327
Conc: 32.48 ug/ml



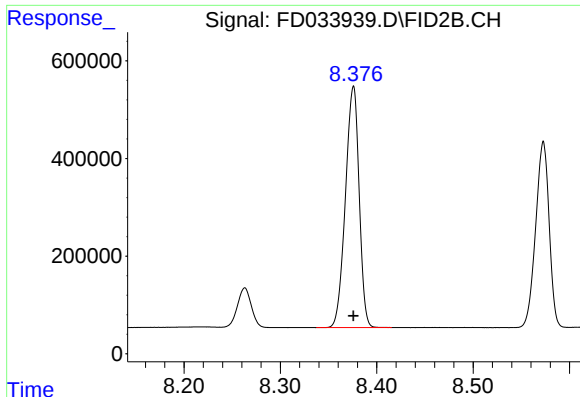
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.001 min
Response: 4843716
Conc: 34.78 ug/ml



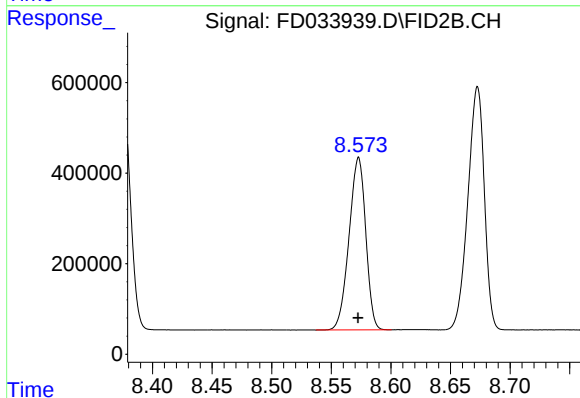
#4 2-Bromonaphthalene (SURR)

R.T.: 7.708 min
Delta R.T.: -0.001 min
Response: 5264725
Conc: 43.83 ug/ml



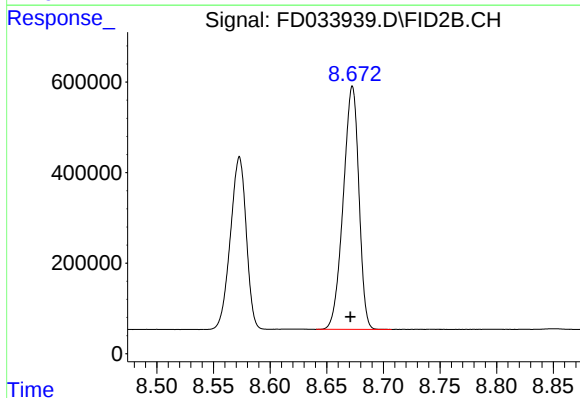
#5 Acenaphthylene (C15.06)

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 4855192
Conc: 36.11 ug/ml



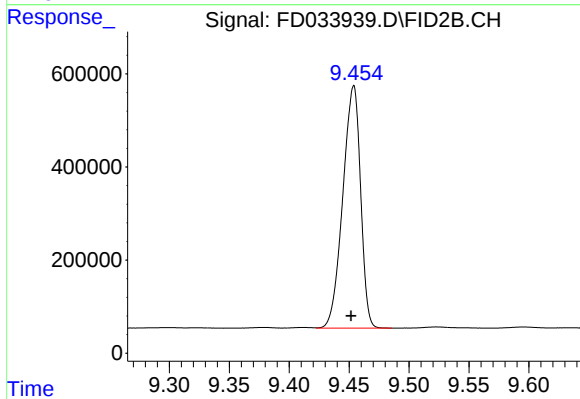
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.573 min
Delta R.T.: 0.000 min
Response: 3710559
Conc: 43.78 ug/ml



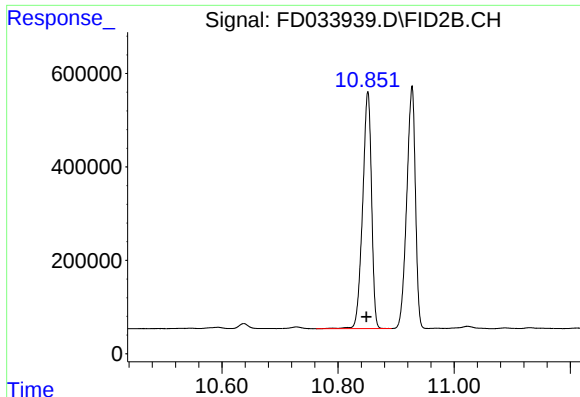
#7 Acenaphthene (C15.5)

R.T.: 8.673 min
Delta R.T.: 0.002 min
Response: 5164628
Conc: 37.73 ug/ml



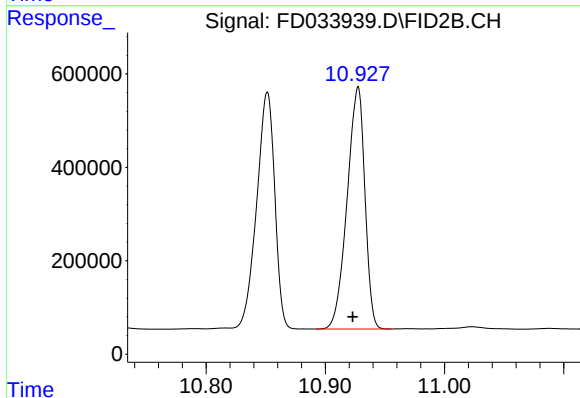
#8 Fluorene (C16.55)

R.T.: 9.454 min
Delta R.T.: 0.002 min
Response: 5366311
Conc: 39.91 ug/ml



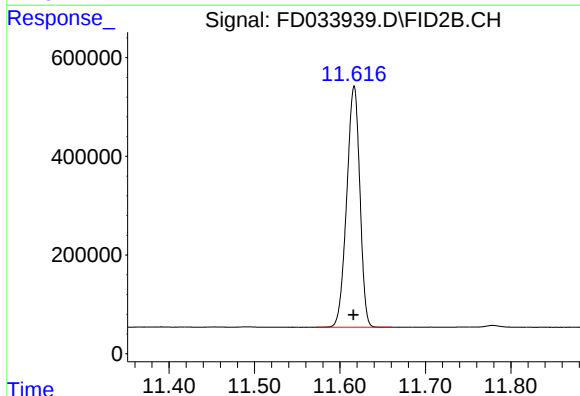
#9 Phenanthrene (C19.36)

R.T.: 10.851 min
Delta R.T.: 0.003 min
Response: 5402505
Conc: 40.43 ug/ml



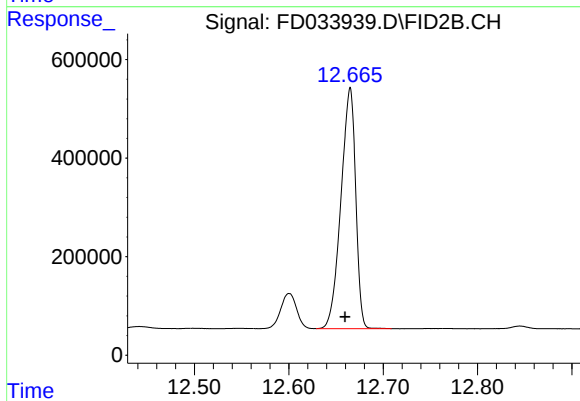
#10 Anthracene (C19.43)

R.T.: 10.927 min
Delta R.T.: 0.005 min
Response: 5371970
Conc: 40.48 ug/ml



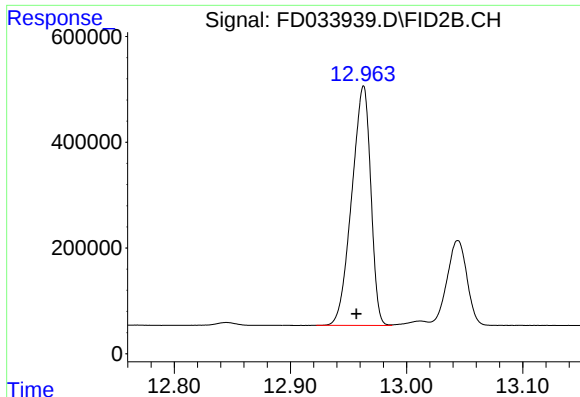
#11 ortho-Terphenyl (SURR)

R.T.: 11.617 min
Delta R.T.: 0.000 min
Response: 5224722
Conc: 38.62 ug/ml



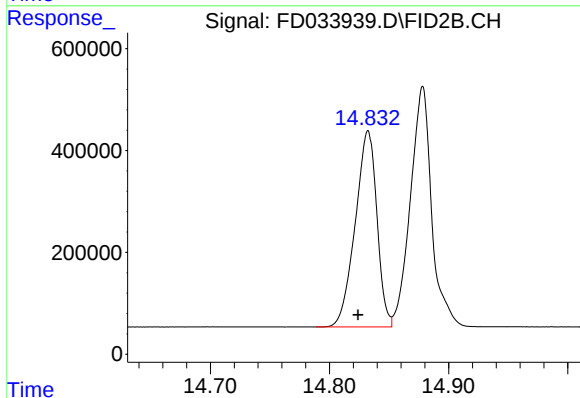
#12 Fluoranthene (C21.85)

R.T.: 12.665 min
Delta R.T.: 0.005 min
Response: 5307374
Conc: 39.95 ug/ml



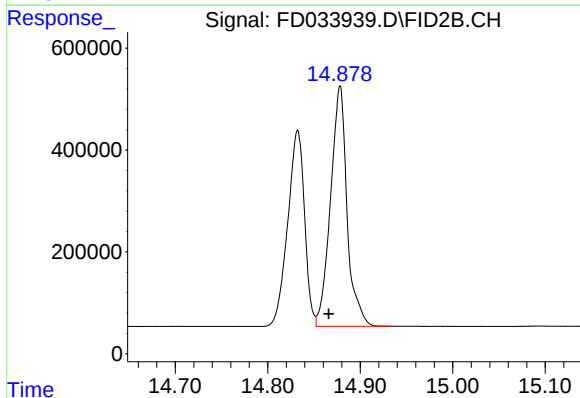
#13 Pyrene (C20.8)

R.T.: 12.963 min
Delta R.T.: 0.006 min
Response: 5147482
Conc: 39.71 ug/ml



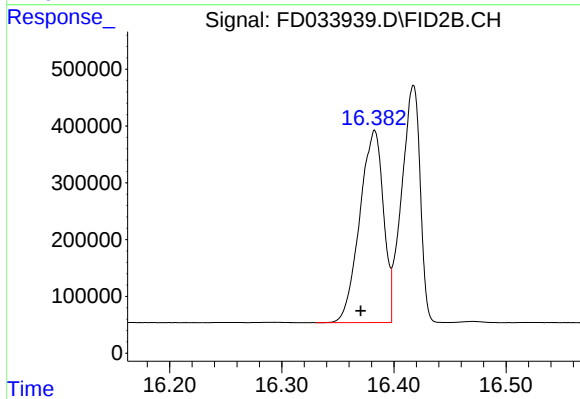
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.832 min
Delta R.T.: 0.008 min
Response: 4869189
Conc: 39.11 ug/ml



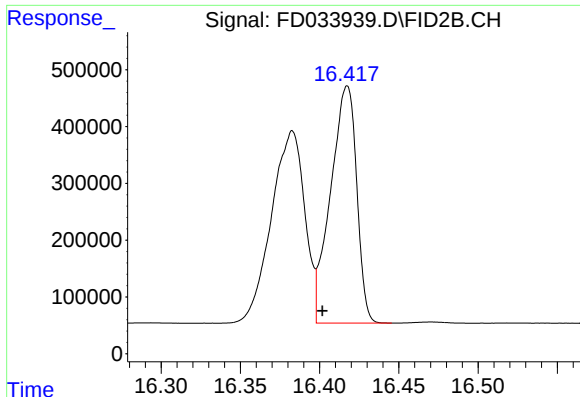
#15 Chrysene (C27.41)

R.T.: 14.878 min
Delta R.T.: 0.013 min
Response: 5870194
Conc: 47.27 ug/ml



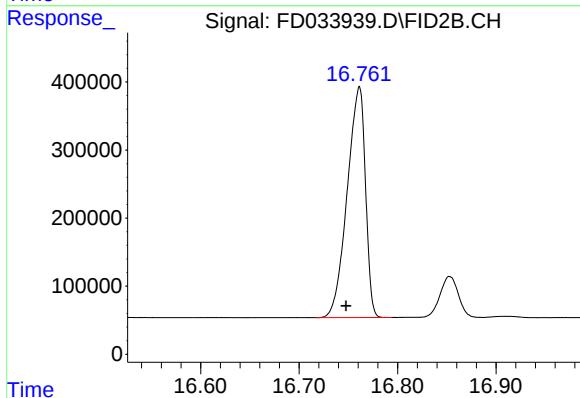
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.383 min
Delta R.T.: 0.012 min
Response: 4964976
Conc: 41.73 ug/ml



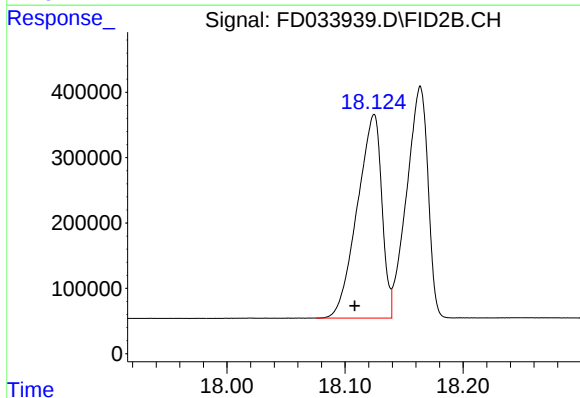
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.417 min
Delta R.T.: 0.016 min
Response: 4788187
Conc: 41.32 ug/ml



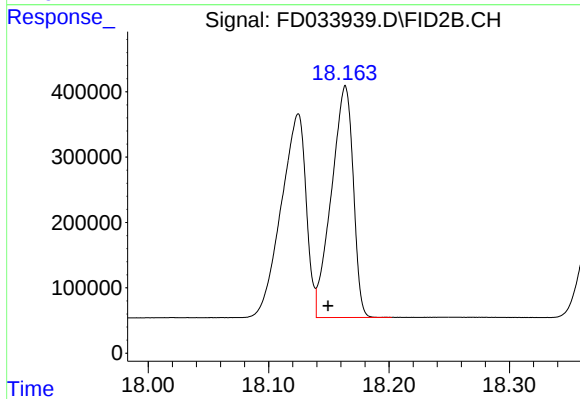
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.761 min
Delta R.T.: 0.014 min
Response: 4364869
Conc: 37.51 ug/ml



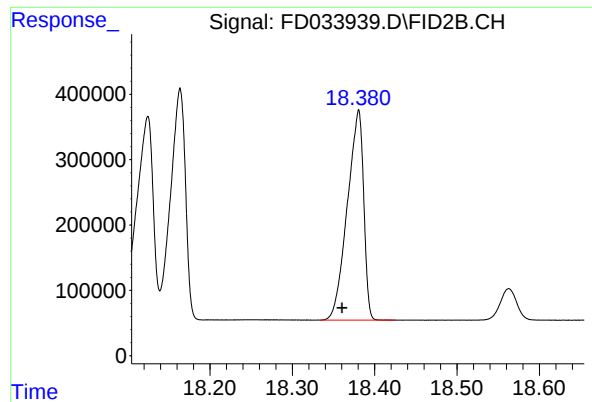
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.125 min
Delta R.T.: 0.016 min
Response: 4495230
Conc: 40.37 ug/ml



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

R.T.: 18.164 min
Delta R.T.: 0.014 min
Response: 4448125
Conc: 40.26 ug/ml



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

R.T.: 18.380 min
Delta R.T.: 0.020 min
Response: 4425932
Conc: 40.08 ug/ml