

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040393.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 19:10
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:03:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:01:22 2022
 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...	6.753	772209	5.352 ug/ml
Spiked Amount 50.000		Recovery =	10.70%
6) S 2-Fluorobiphenyl (SURR)	7.601	492543	5.096 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.19%
11) S ortho-Terphenyl (SURR)	10.636	880117	5.630 ug/ml
Spiked Amount 50.000		Recovery =	11.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.607	841411	5.462 ug/ml
2) T Naphthalene (C11.7)	5.102	848305	5.249 ug/ml
3) T 2-Methylnaphthalene (...)	6.142	859674	5.238 ug/ml
5) T Acenaphthylene (C15.06)	7.404	805997	5.289 ug/ml
7) T Acenaphthene (C15.5)	7.698	881934	5.439 ug/ml
8) T Fluorene (C16.55)	8.475	828618	5.271 ug/ml
9) T Phenanthrene (C19.36)	9.861	818057	5.253 ug/ml
10) T Anthracene (C19.43)	9.936	761531	5.166 ug/ml
12) T Fluoranthene (C21.85)	11.662	845649	5.434 ug/ml
13) T Pyrene (C20.8)	11.955	819620	5.384 ug/ml
14) T Benzo[a]anthracene (C...	13.822	668476	4.975 ug/ml
15) T Chrysene (C27.41)	13.863	799397	5.491 ug/ml
16) T benzo[b]fluoranthene ...	15.364	706152	5.099 ug/ml
17) T Bnezo[k]fluoranthene ...	15.395	743359	5.352 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.740	684925	5.401 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.098	592669	4.888 ug/ml
20) T Dibenz[a,h]anthracene...	17.142	625407	5.146 ug/ml
21) T Benzo[g,h,i]perylene ...	17.346	670058	5.271 ug/ml

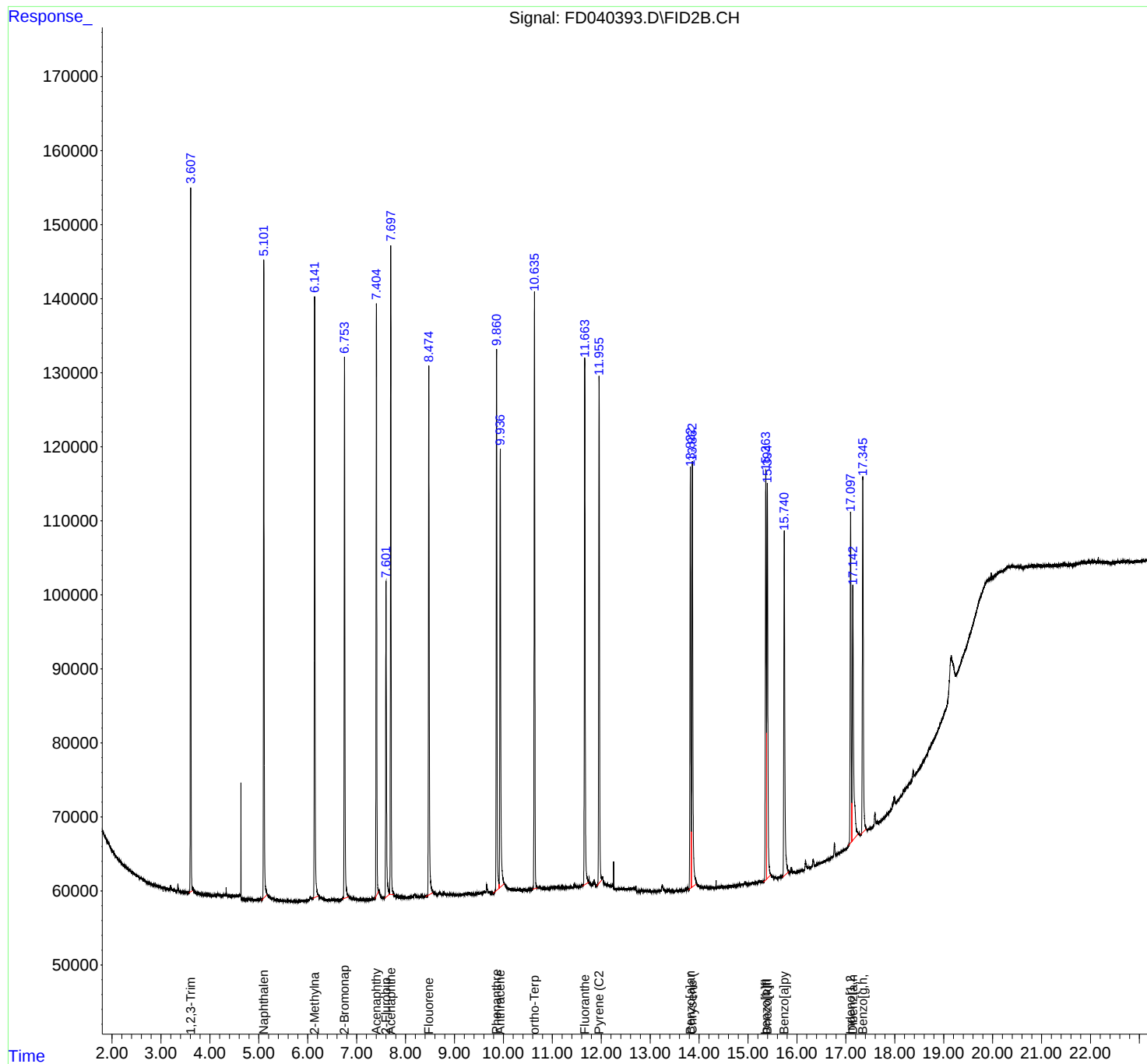
(f)=RT Delta > 1/2 Window

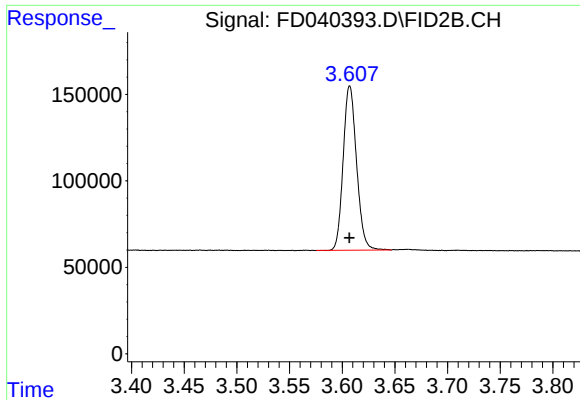
(m)=manual int.

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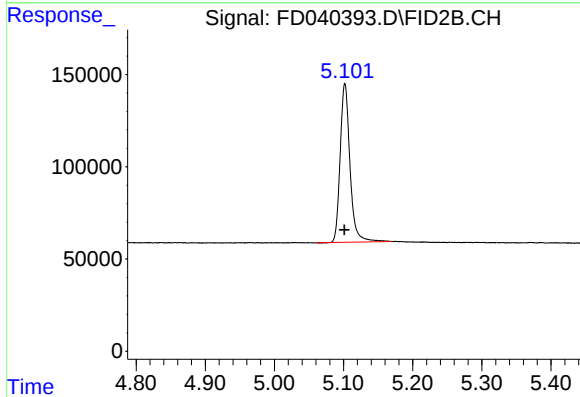
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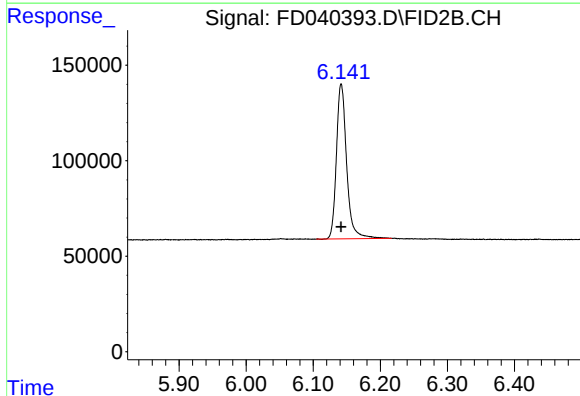
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 841411
Conc: 5.46 ug/ml



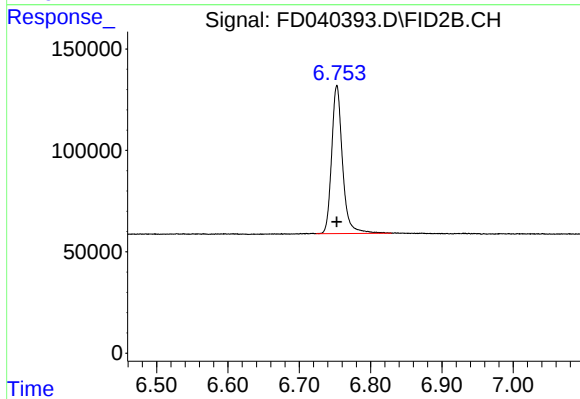
#2 Naphthalene (C11.7)

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 848305
Conc: 5.25 ug/ml



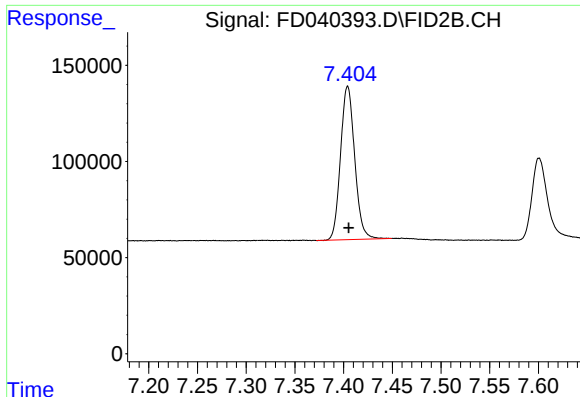
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 859674
Conc: 5.24 ug/ml



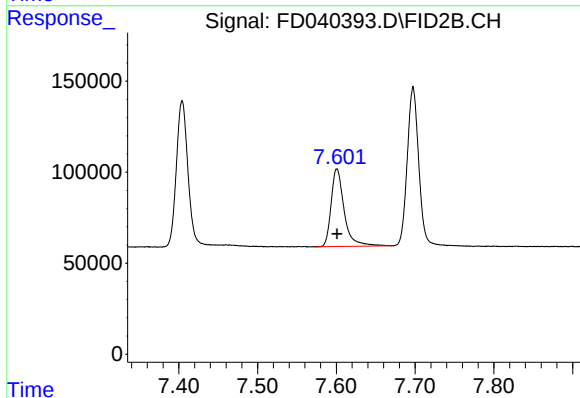
#4 2-Bromonaphthalene (SURR)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 772209
Conc: 5.35 ug/ml



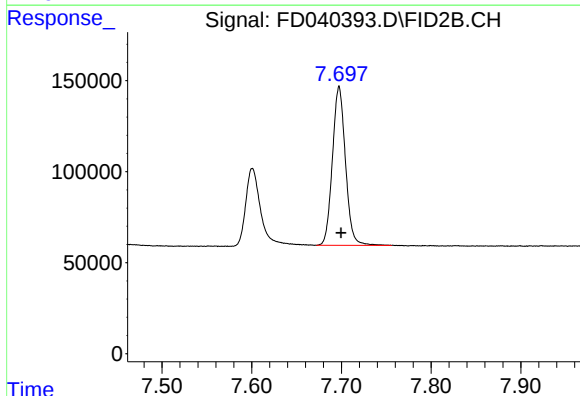
#5 Acenaphthylene (C15.06)

R.T.: 7.404 min
Delta R.T.: -0.001 min
Response: 805997
Conc: 5.29 ug/ml



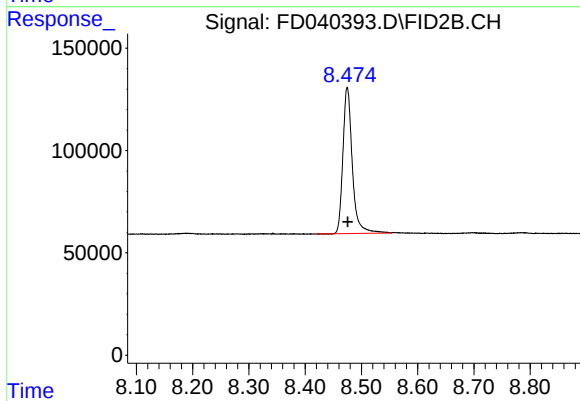
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 492543
Conc: 5.10 ug/ml



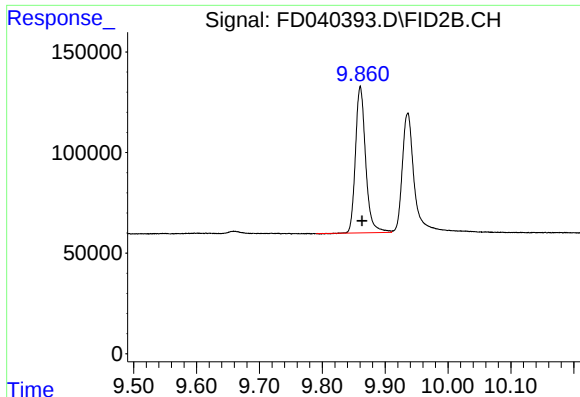
#7 Acenaphthene (C15.5)

R.T.: 7.698 min
Delta R.T.: -0.002 min
Response: 881934
Conc: 5.44 ug/ml



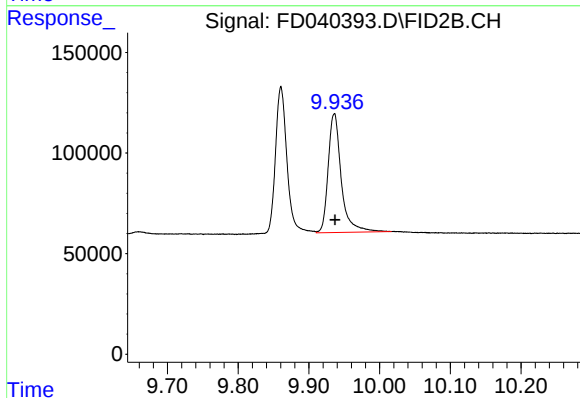
#8 Flouorene (C16.55)

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 828618
Conc: 5.27 ug/ml



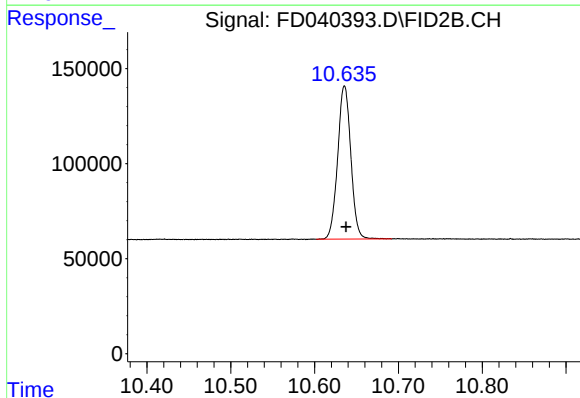
#9 Phenanthrene (C19.36)

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 818057
Conc: 5.25 ug/ml



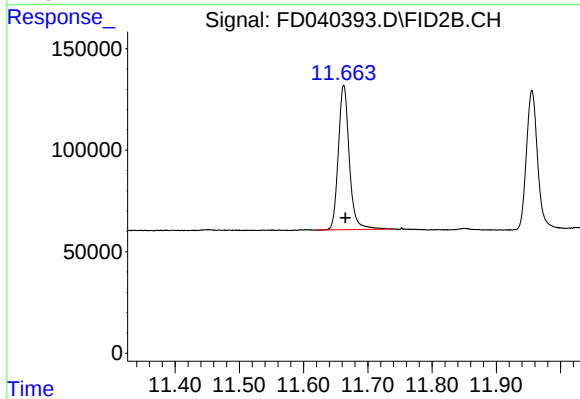
#10 Anthracene (C19.43)

R.T.: 9.936 min
Delta R.T.: 0.000 min
Response: 761531
Conc: 5.17 ug/ml



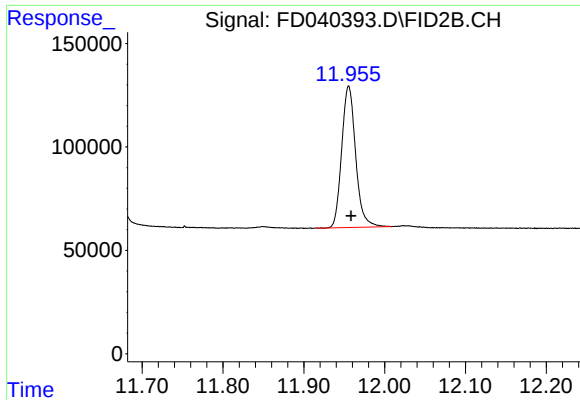
#11 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: -0.002 min
Response: 880117
Conc: 5.63 ug/ml



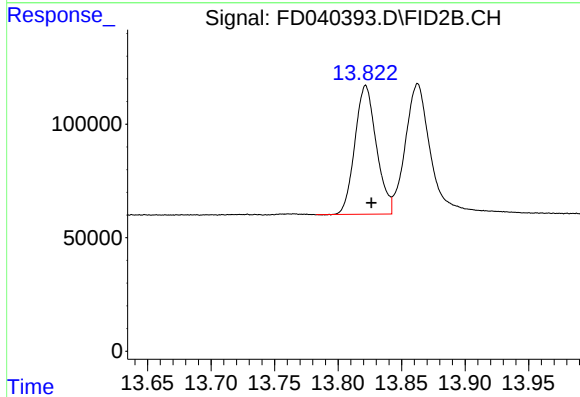
#12 Fluoranthene (C21.85)

R.T.: 11.662 min
Delta R.T.: -0.003 min
Response: 845649
Conc: 5.43 ug/ml



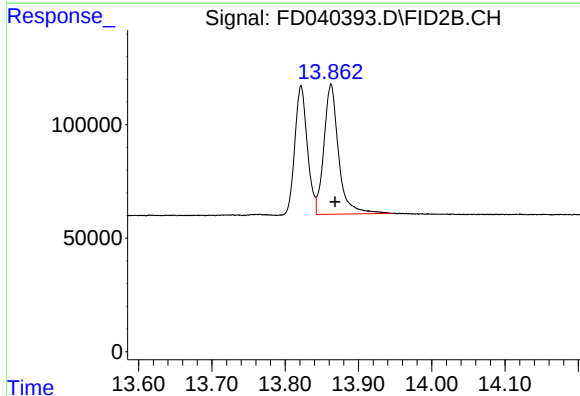
#13 Pyrene (C20.8)

R.T.: 11.955 min
Delta R.T.: -0.003 min
Response: 819620
Conc: 5.38 ug/ml



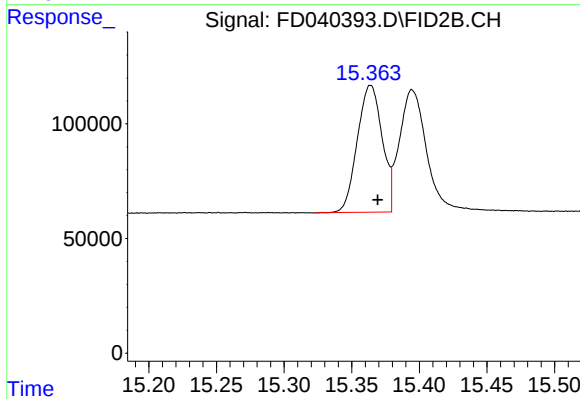
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.822 min
Delta R.T.: -0.004 min
Response: 668476
Conc: 4.97 ug/ml



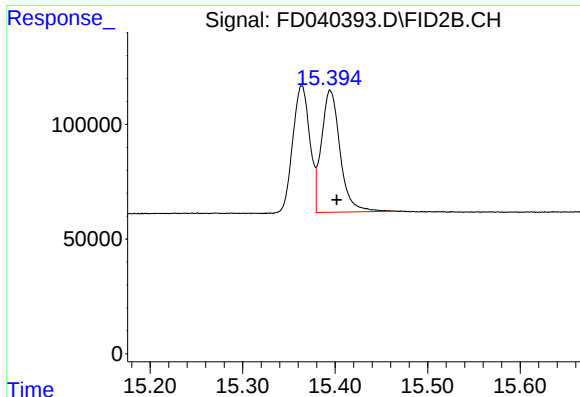
#15 Chrysene (C27.41)

R.T.: 13.863 min
Delta R.T.: -0.005 min
Response: 799397
Conc: 5.49 ug/ml



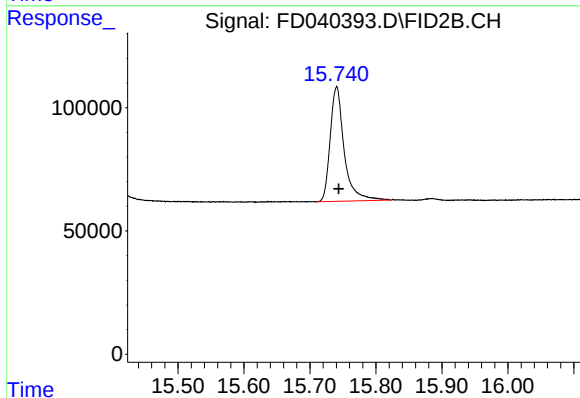
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.364 min
Delta R.T.: -0.005 min
Response: 706152
Conc: 5.10 ug/ml



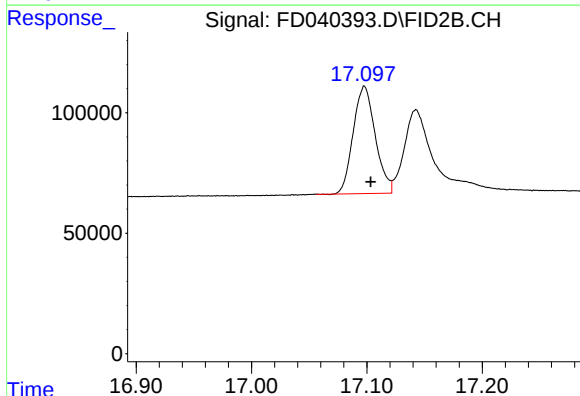
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.395 min
Delta R.T.: -0.007 min
Response: 743359
Conc: 5.35 ug/ml



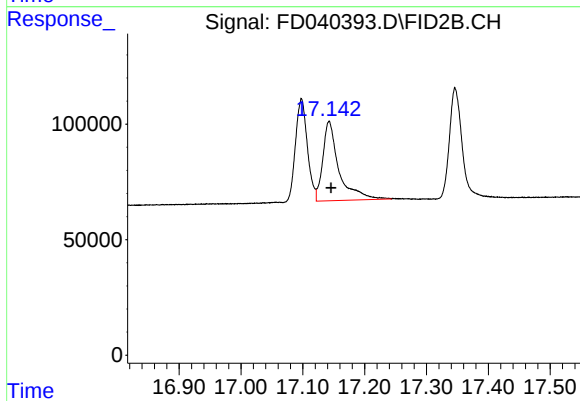
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.740 min
Delta R.T.: -0.003 min
Response: 684925
Conc: 5.40 ug/ml m



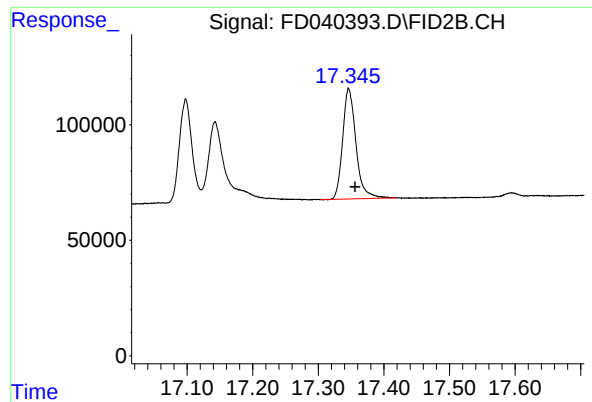
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.098 min
Delta R.T.: -0.005 min
Response: 592669
Conc: 4.89 ug/ml



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

R.T.: 17.142 min
Delta R.T.: -0.003 min
Response: 625407
Conc: 5.15 ug/ml



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

R.T.: 17.346 min
Delta R.T.: -0.010 min
Response: 670058
Conc: 5.27 ug/ml