

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040522AR\
 Data File : FD041850.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2022 11:12
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 03:47:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.345	3624269	22.597 ug/ml
Spiked Amount 50.000		Recovery =	45.19%
6) S 2-Fluorobiphenyl (SURR)	8.196	2023697	20.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.96%
11) S ortho-Terphenyl (SURR)	11.221	4269810	21.964 ug/ml
Spiked Amount 50.000		Recovery =	43.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	4079076	23.288 ug/ml
2) T Naphthalene (C11.7)	5.688	4102348	23.251 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	3816260	23.853 ug/ml
5) T Acenaphthylene (C15.06)	7.995	4053264	21.903 ug/ml
7) T Acenaphthene (C15.5)	8.287	4497370	23.427 ug/ml
8) T Fluorene (C16.55)	9.067	3821452	21.661 ug/ml
9) T Phenanthrene (C19.36)	10.452	3656431	20.962 ug/ml
10) T Anthracene (C19.43)	10.531	3288226	18.066 ug/ml
12) T Fluoranthene (C21.85)	12.254	3575620	20.254 ug/ml
13) T Pyrene (C20.8)	12.547	3313704	19.600 ug/ml
14) T Benzo[a]anthracene (C...	14.417	2753321	18.413 ug/ml
15) T Chrysene (C27.41)	14.458	3755910	20.867 ug/ml
16) T benzo[b]fluoranthene ...	15.965	6874727	46.360 ug/ml
17) T Bnezo[k]fluoranthene ...	15.965	6874727	41.605 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.343	3067107	21.806 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2519445	22.875 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	3713028	25.647 ug/ml
21) T Benzo[g,h,i]perylene ...	17.956	3222078	24.278 ug/ml

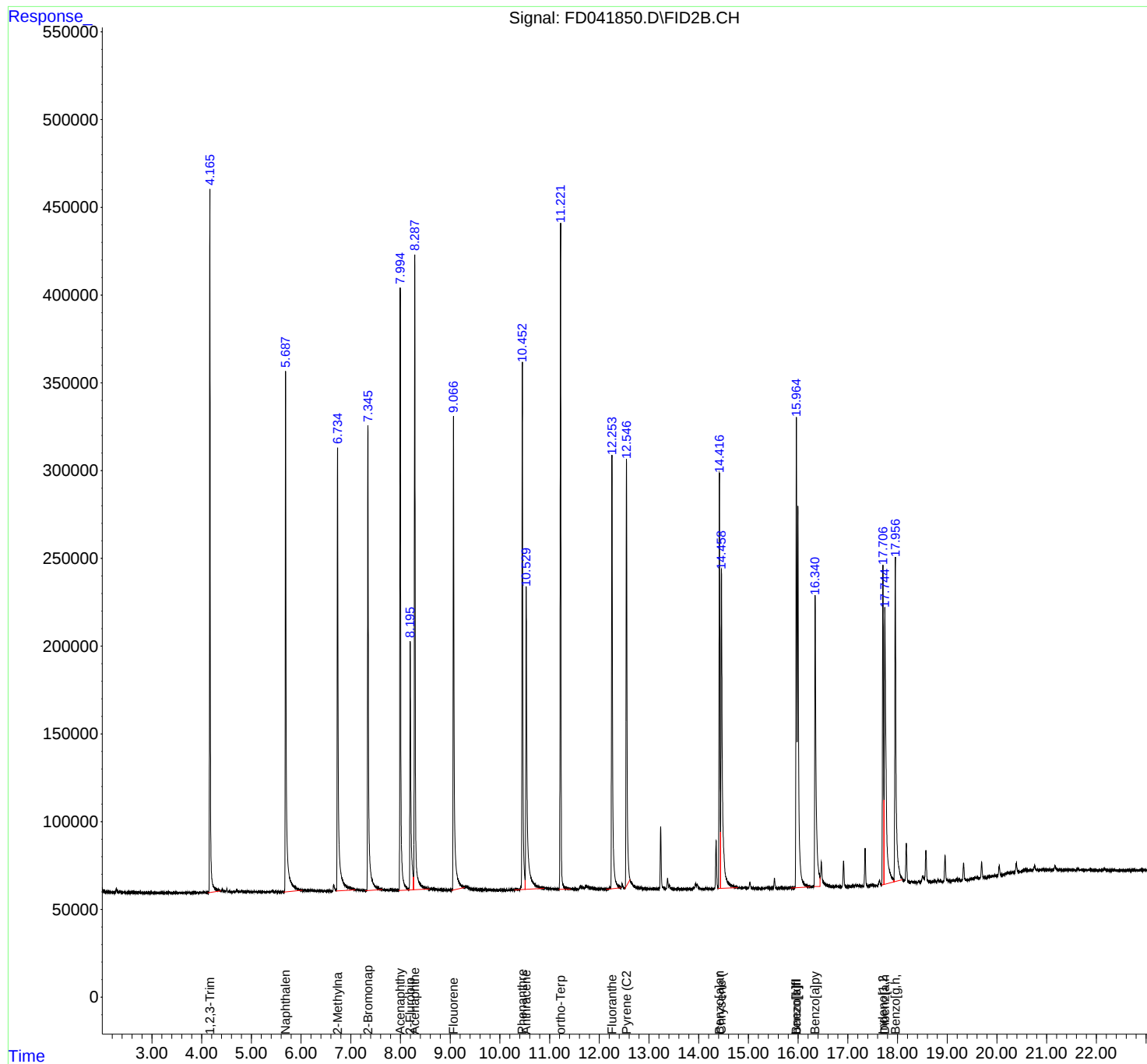
(f)=RT Delta > 1/2 Window

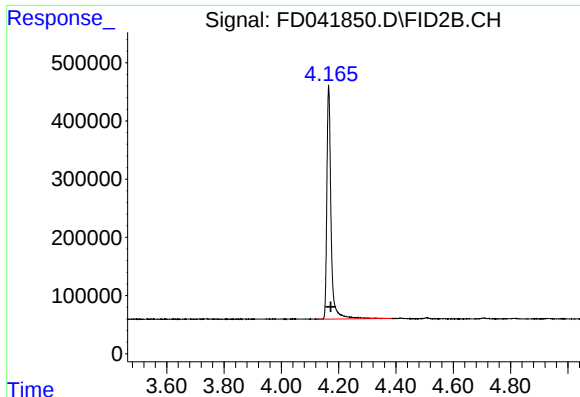
(m)=manual int.

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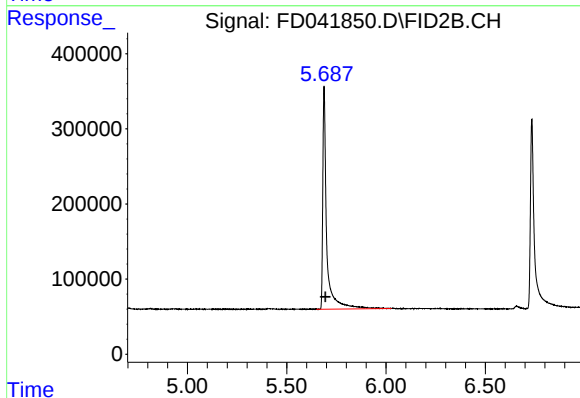
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





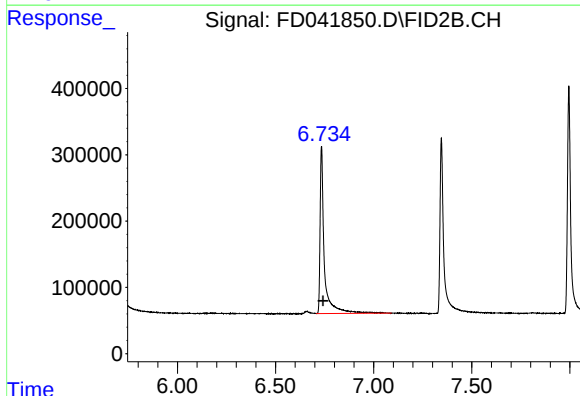
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.165 min
Delta R.T.: -0.008 min
Response: 4079076
Conc: 23.29 ug/ml



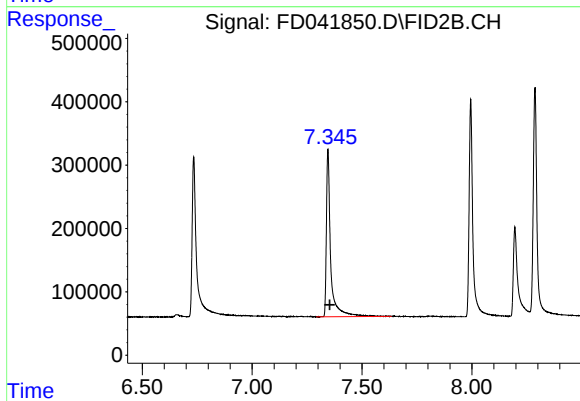
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.008 min
Response: 4102348
Conc: 23.25 ug/ml



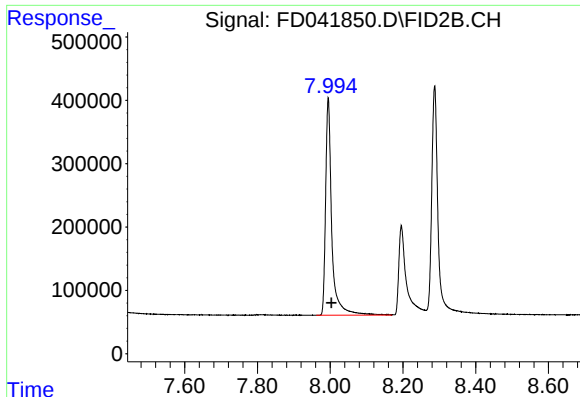
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.007 min
Response: 3816260
Conc: 23.85 ug/ml



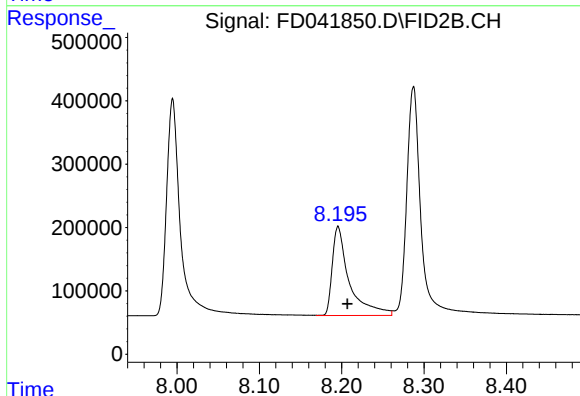
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.008 min
Response: 3624269
Conc: 22.60 ug/ml



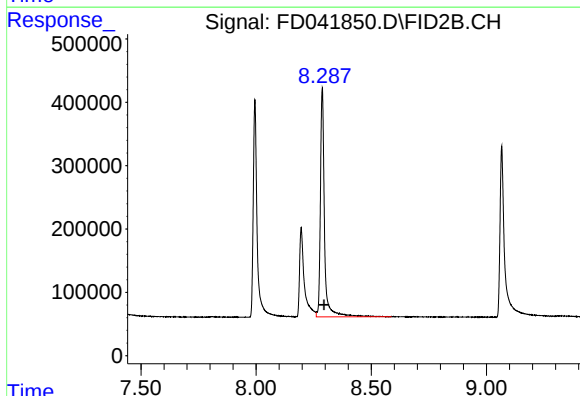
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.008 min
Response: 4053264
Conc: 21.90 ug/ml



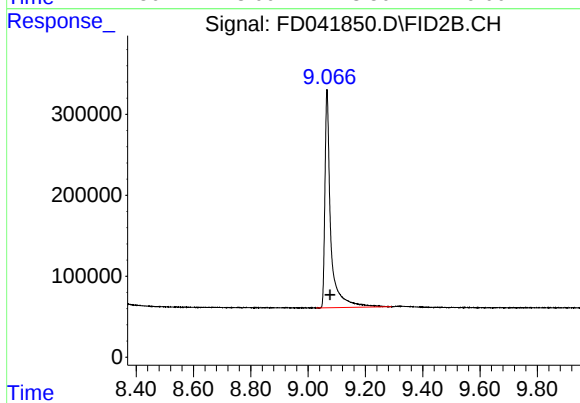
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 2023697
Conc: 20.48 ug/ml



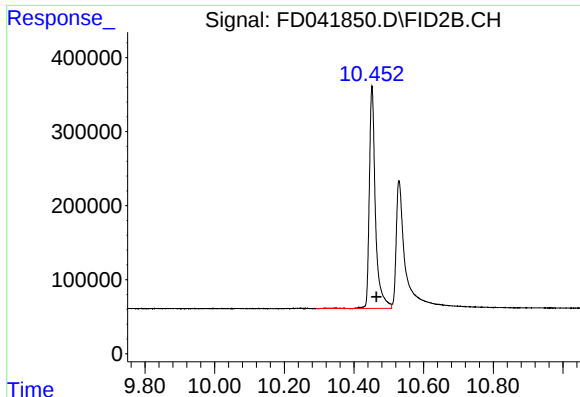
#7 Acenaphthene (C15.5)

R.T.: 8.287 min
Delta R.T.: -0.008 min
Response: 4497370
Conc: 23.43 ug/ml



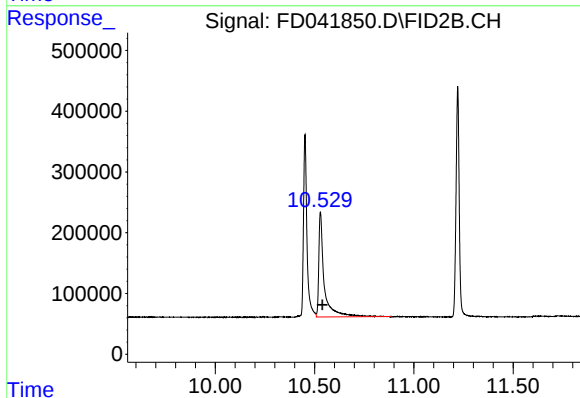
#8 Fluorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.010 min
Response: 3821452
Conc: 21.66 ug/ml



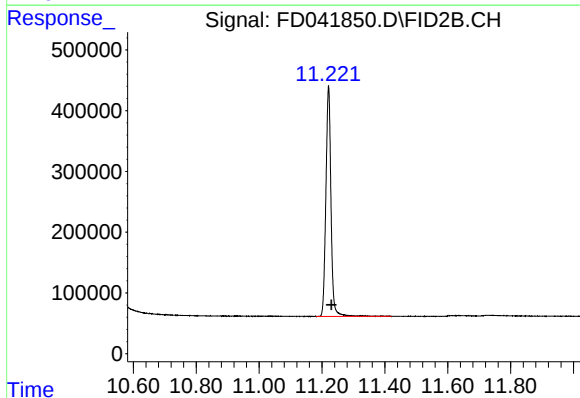
#9 Phenanthrene (C19.36)

R.T.: 10.452 min
Delta R.T.: -0.012 min
Response: 3656431
Conc: 20.96 ug/ml



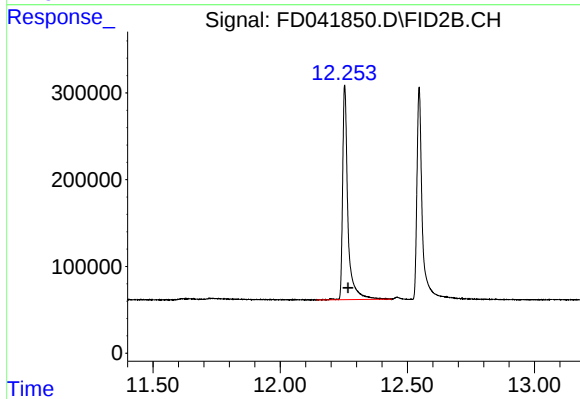
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.010 min
Response: 3288226
Conc: 18.07 ug/ml



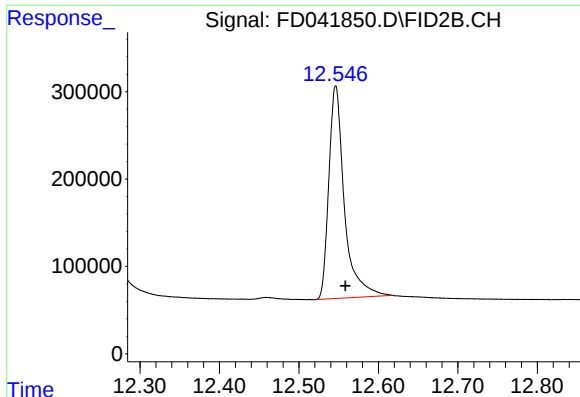
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.009 min
Response: 4269810
Conc: 21.96 ug/ml



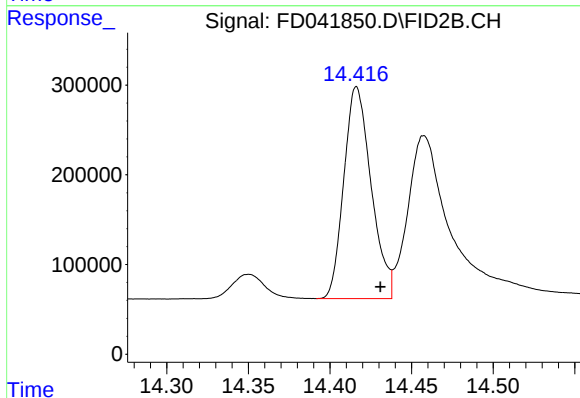
#12 Fluoranthene (C21.85)

R.T.: 12.254 min
Delta R.T.: -0.012 min
Response: 3575620
Conc: 20.25 ug/ml



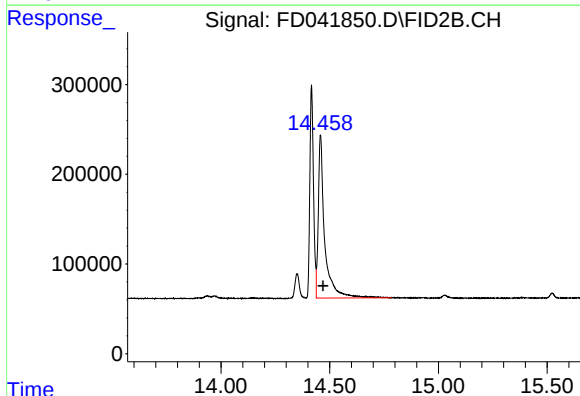
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.012 min
Response: 3313704
Conc: 19.60 ug/ml



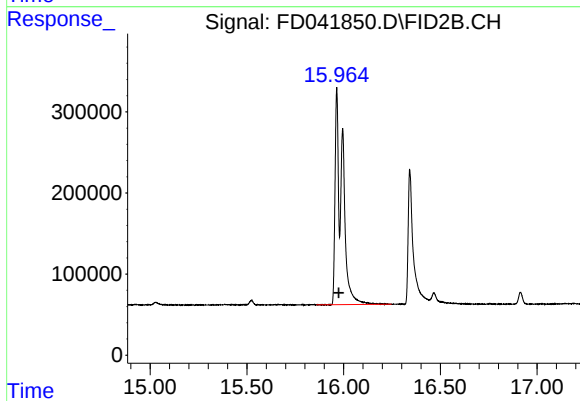
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.014 min
Response: 2753321
Conc: 18.41 ug/ml



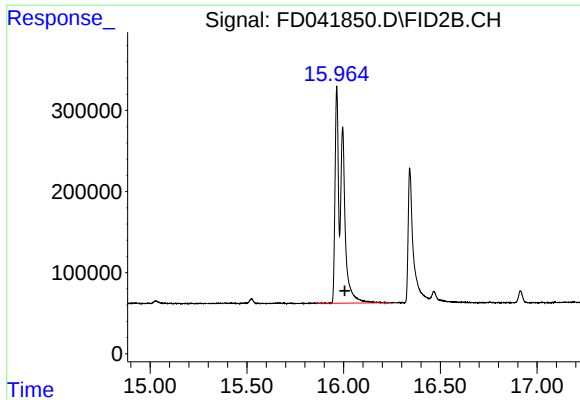
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.012 min
Response: 3755910
Conc: 20.87 ug/ml



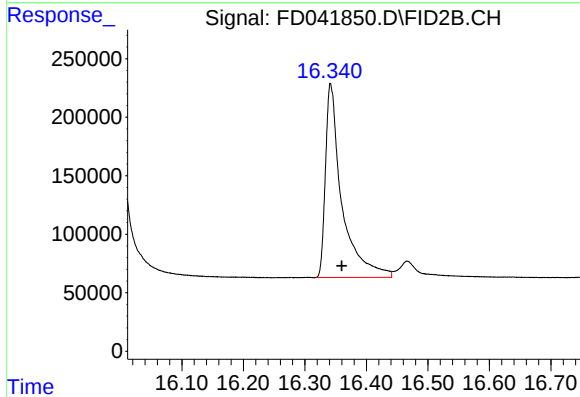
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.965 min
Delta R.T.: -0.010 min
Response: 6874727
Conc: 46.36 ug/ml



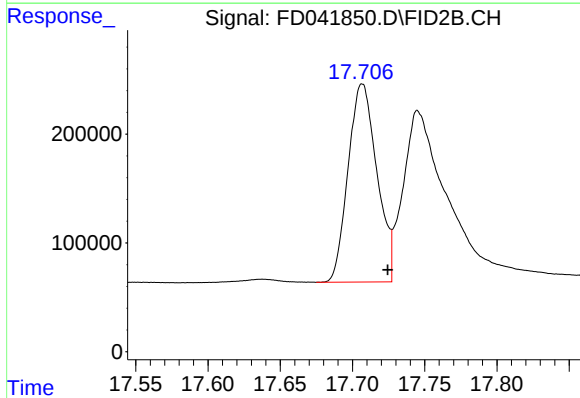
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.965 min
Delta R.T.: -0.041 min
Response: 6874727
Conc: 41.60 ug/ml



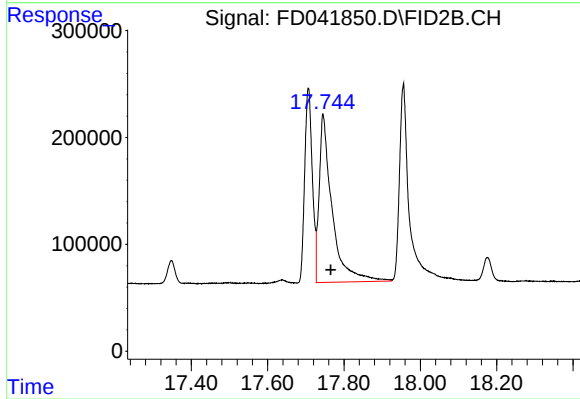
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.343 min
Delta R.T.: -0.017 min
Response: 3067107
Conc: 21.81 ug/ml



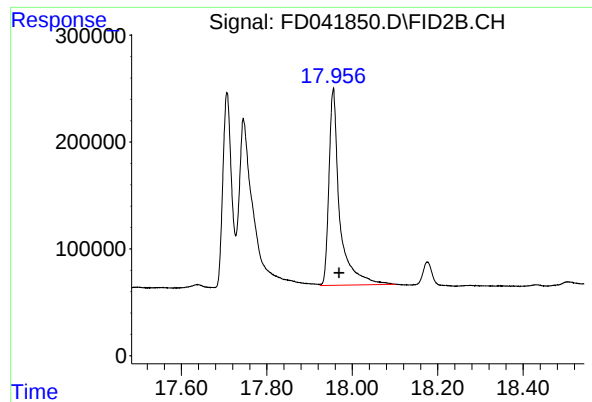
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: -0.017 min
Response: 2519445
Conc: 22.87 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.018 min
Response: 3713028
Conc: 25.65 ug/ml



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

R.T.: 17.956 min
Delta R.T.: -0.014 min
Response: 3222078
Conc: 24.28 ug/ml