

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042822AR\
 Data File : FD042188.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2022 1:59
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 03:41:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.329	2974348	21.220 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
6) S 2-Fluorobiphenyl (SURR)	8.180	1643627	23.068 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.14%
11) S ortho-Terphenyl (SURR)	11.202	3325881	19.188 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3291940	21.146 ug/ml
2) T Naphthalene (C11.7)	5.672	3393400	21.511 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	3259482	22.541 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3303219	20.043 ug/ml
7) T Acenaphthene (C15.5)	8.270	3960543	21.095 ug/ml
8) T Fluorene (C16.55)	9.050	3134308	20.578 ug/ml
9) T Phenanthrene (C19.36)	10.435	2926241	19.707 ug/ml
10) T Anthracene (C19.43)	10.512	3000033	17.920 ug/ml
12) T Fluoranthene (C21.85)	12.236	3009935	19.189 ug/ml
13) T Pyrene (C20.8)	12.528	3200471	19.622 ug/ml
14) T Benzo[a]anthracene (C...	14.440	3430162	28.676 ug/ml
15) T Chrysene (C27.41)	14.440	3430162	18.697 ug/ml
16) T benzo[b]fluoranthene ...	15.977	3196704	24.347 ug/ml
17) T Bnezo[k]fluoranthene ...	15.977	3196704	18.490 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.326	2597914	17.608 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	3181743	31.877 ug/ml
20) T Dibenz[a,h]anthracene...	17.729	3181743	20.271 ug/ml
21) T Benzo[g,h,i]perylene ...	17.938	2603149	18.797 ug/ml

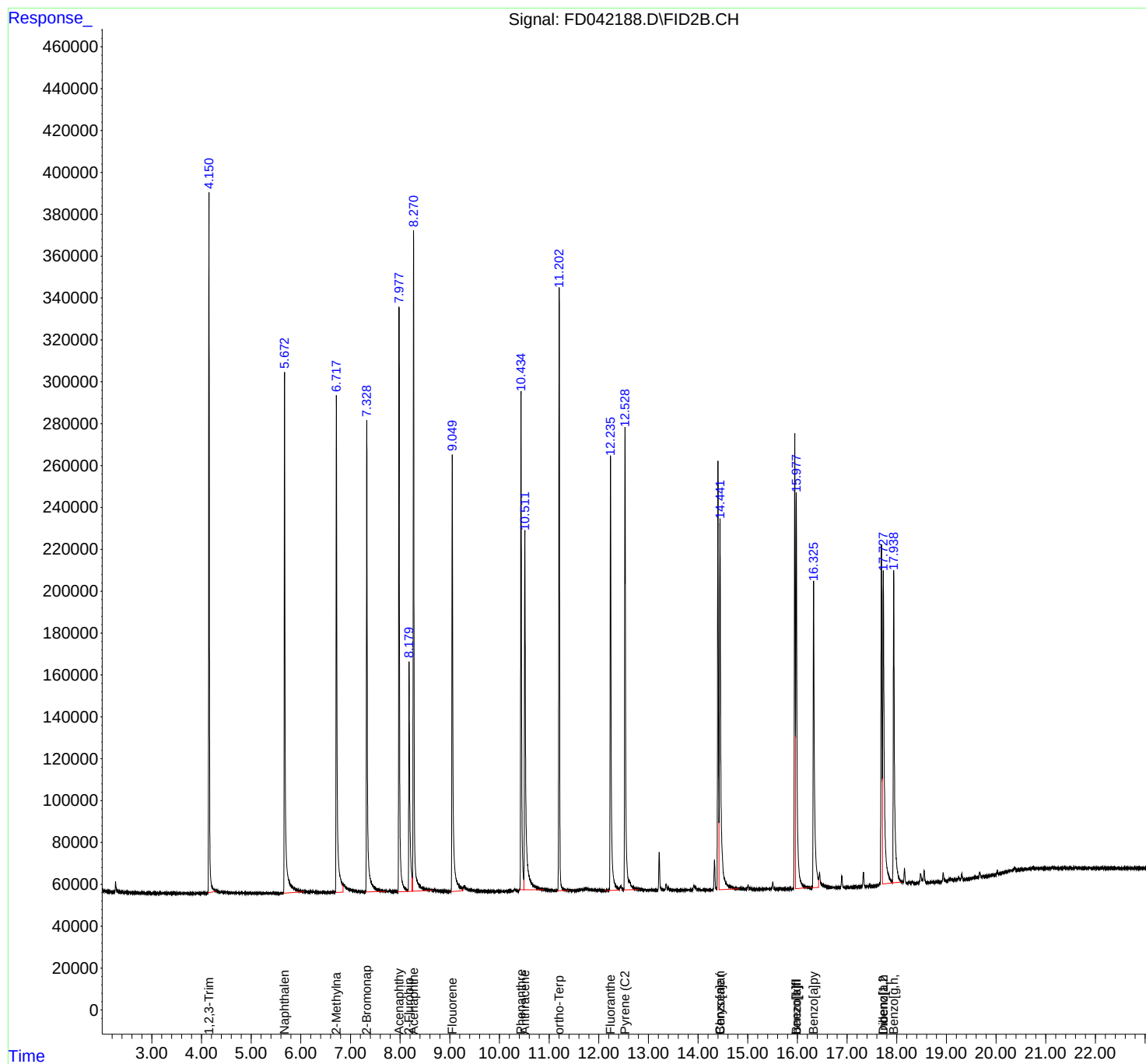
(f)=RT Delta > 1/2 Window

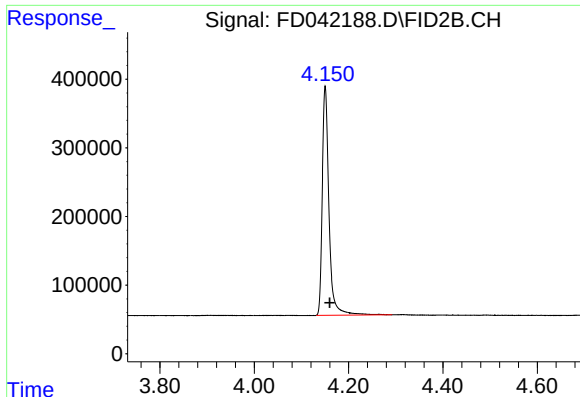
(m)=manual int.

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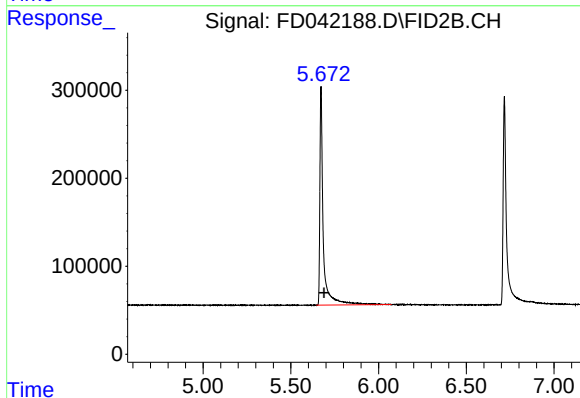
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





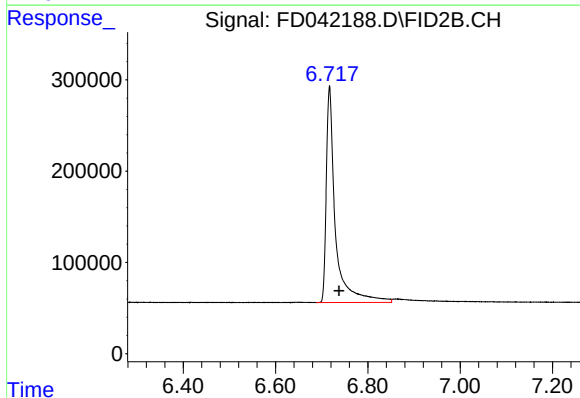
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 3291940
Conc: 21.15 ug/ml



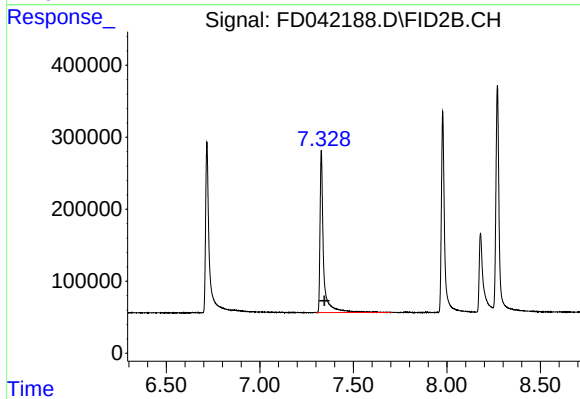
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.018 min
Response: 3393400
Conc: 21.51 ug/ml



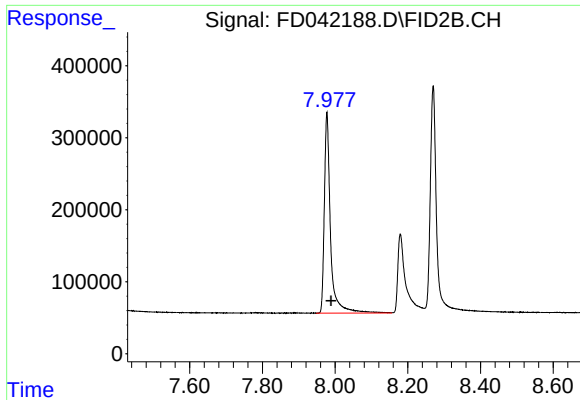
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.021 min
Response: 3259482
Conc: 22.54 ug/ml



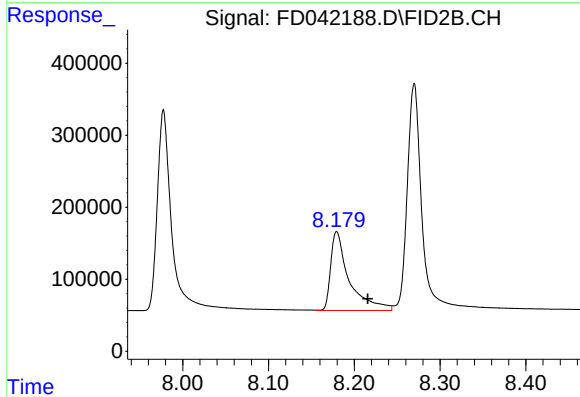
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 2974348
Conc: 21.22 ug/ml



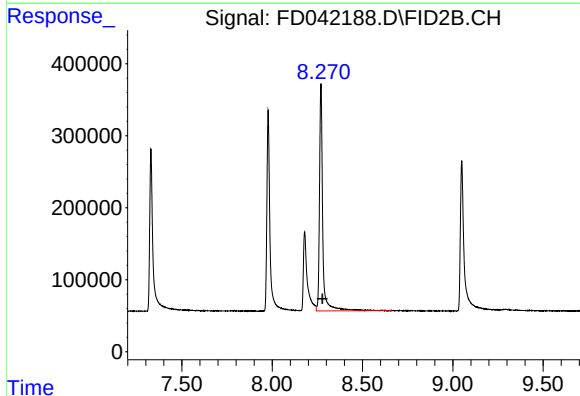
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.012 min
Response: 3303219
Conc: 20.04 ug/ml



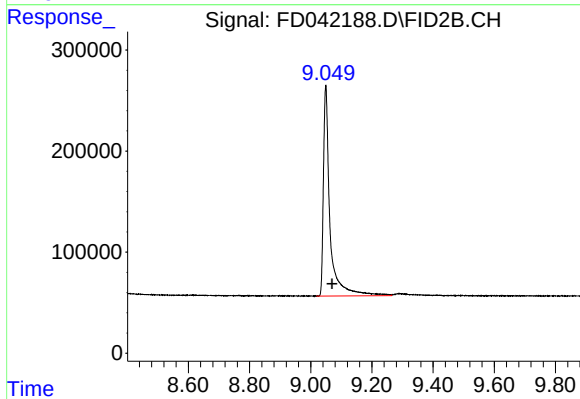
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 1643627
Conc: 23.07 ug/ml



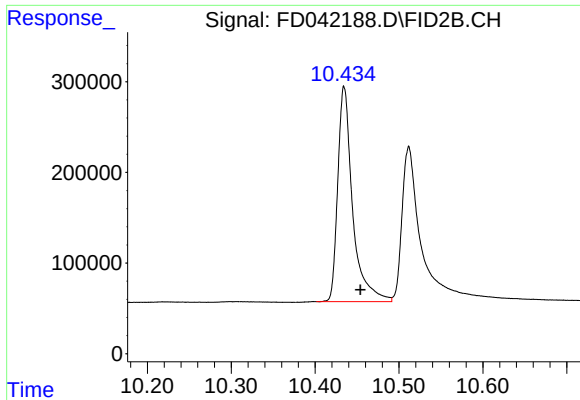
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 3960543
Conc: 21.10 ug/ml



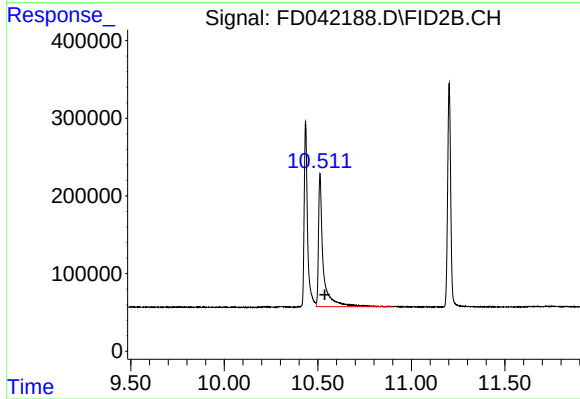
#8 Flouorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.020 min
Response: 3134308
Conc: 20.58 ug/ml



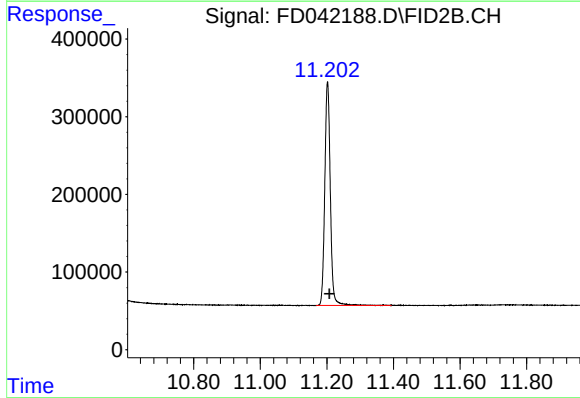
#9 Phenanthrene (C19.36)

R.T.: 10.435 min
Delta R.T.: -0.019 min
Response: 2926241
Conc: 19.71 ug/ml



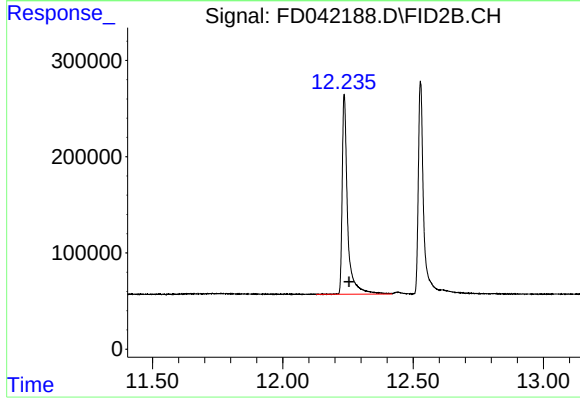
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 3000033
Conc: 17.92 ug/ml



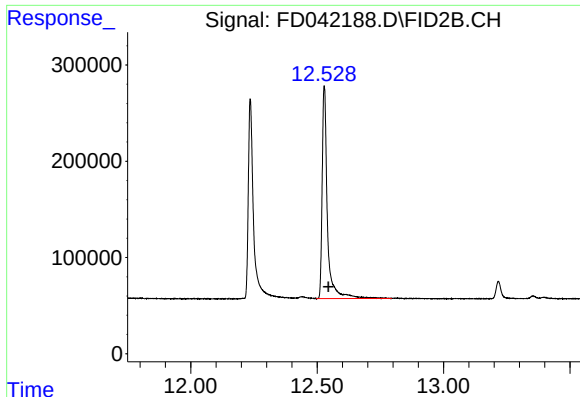
#11 ortho-Terphenyl (SURR)

R.T.: 11.202 min
Delta R.T.: -0.006 min
Response: 3325881
Conc: 19.19 ug/ml



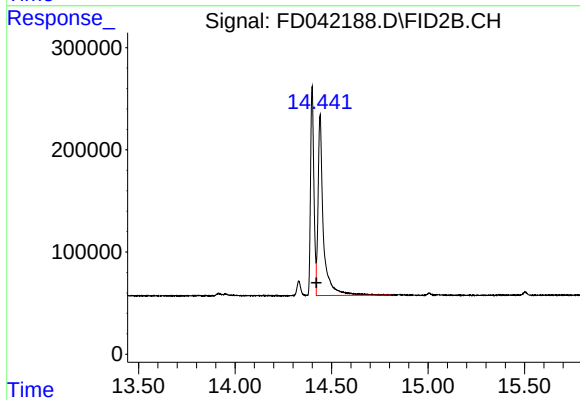
#12 Fluoranthene (C21.85)

R.T.: 12.236 min
Delta R.T.: -0.019 min
Response: 3009935
Conc: 19.19 ug/ml



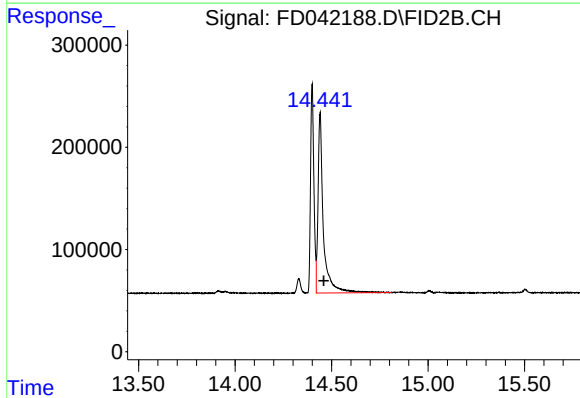
#13 Pyrene (C20.8)

R.T.: 12.528 min
Delta R.T.: -0.016 min
Response: 3200471
Conc: 19.62 ug/ml



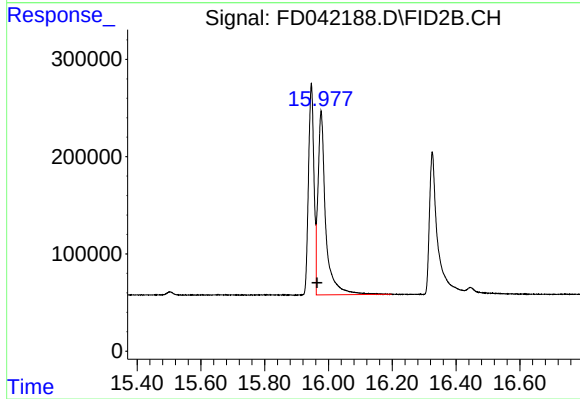
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.019 min
Response: 3430162
Conc: 28.68 ug/ml



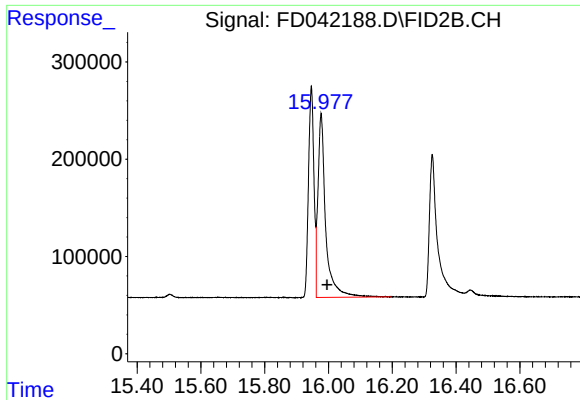
#15 Chrysene (C27.41)

R.T.: 14.440 min
Delta R.T.: -0.019 min
Response: 3430162
Conc: 18.70 ug/ml



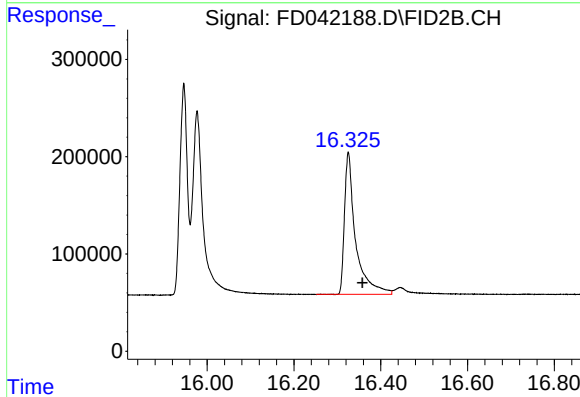
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: 0.013 min
Response: 3196704
Conc: 24.35 ug/ml



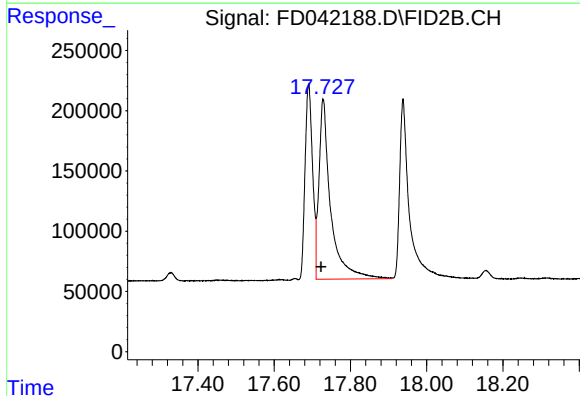
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.977 min
Delta R.T.: -0.018 min
Response: 3196704
Conc: 18.49 ug/ml



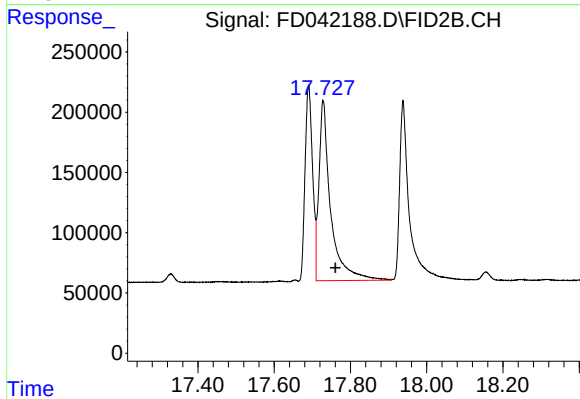
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.326 min
Delta R.T.: -0.032 min
Response: 2597914
Conc: 17.61 ug/ml



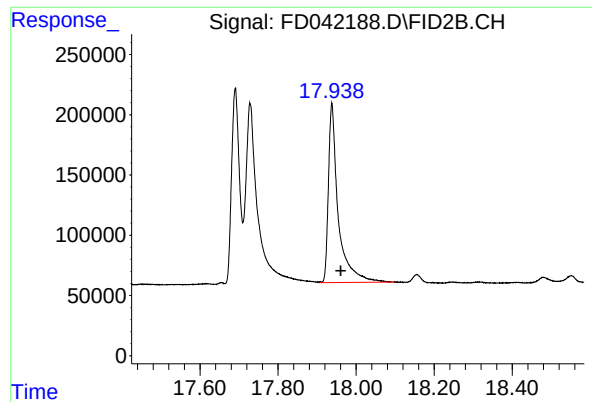
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.006 min
Response: 3181743
Conc: 31.88 ug/ml



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

R.T.: 17.729 min
Delta R.T.: -0.032 min
Response: 3181743
Conc: 20.27 ug/ml



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

R.T.: 17.938 min
Delta R.T.: -0.022 min
Response: 2603149
Conc: 18.80 ug/ml