

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042822AR\
 Data File : FD042191.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2022 4:29
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 29 05:16:32 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	3008572	21.464 ug/ml
Spiked Amount 50.000		Recovery =	42.93%
6) S 2-Fluorobiphenyl (SURR)	8.180	1660667	23.307 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.61%
11) S ortho-Terphenyl (SURR)	11.203	3367704	19.429 ug/ml
Spiked Amount 50.000		Recovery =	38.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	3304908	21.229 ug/ml
2) T Naphthalene (C11.7)	5.672	3401175	21.561 ug/ml
3) T 2-Methylnaphthalene (...)	6.717	3282044	22.697 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3334831	20.235 ug/ml
7) T Acenaphthene (C15.5)	8.270	3998825	21.299 ug/ml
8) T Fluorene (C16.55)	9.050	3165915	20.785 ug/ml
9) T Phenanthrene (C19.36)	10.435	2971288	20.010 ug/ml
10) T Anthracene (C19.43)	10.512	3053265	18.238 ug/ml
12) T Fluoranthene (C21.85)	12.237	3062090	19.521 ug/ml
13) T Pyrene (C20.8)	12.529	3294652	20.200 ug/ml
14) T Benzo[a]anthracene (C...	14.441	3487340	29.154 ug/ml
15) T Chrysene (C27.41)	14.441	3487340	19.008 ug/ml
16) T benzo[b]fluoranthene ...	15.977	3281381	24.992 ug/ml
17) T Bnezo[k]fluoranthene ...	15.977	3281381	18.980 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	2610857	17.695 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	3186473	31.925 ug/ml
20) T Dibenz[a,h]anthracene...	17.729	3186473	20.302 ug/ml
21) T Benzo[g,h,i]perylene ...	17.940	2610369	18.849 ug/ml

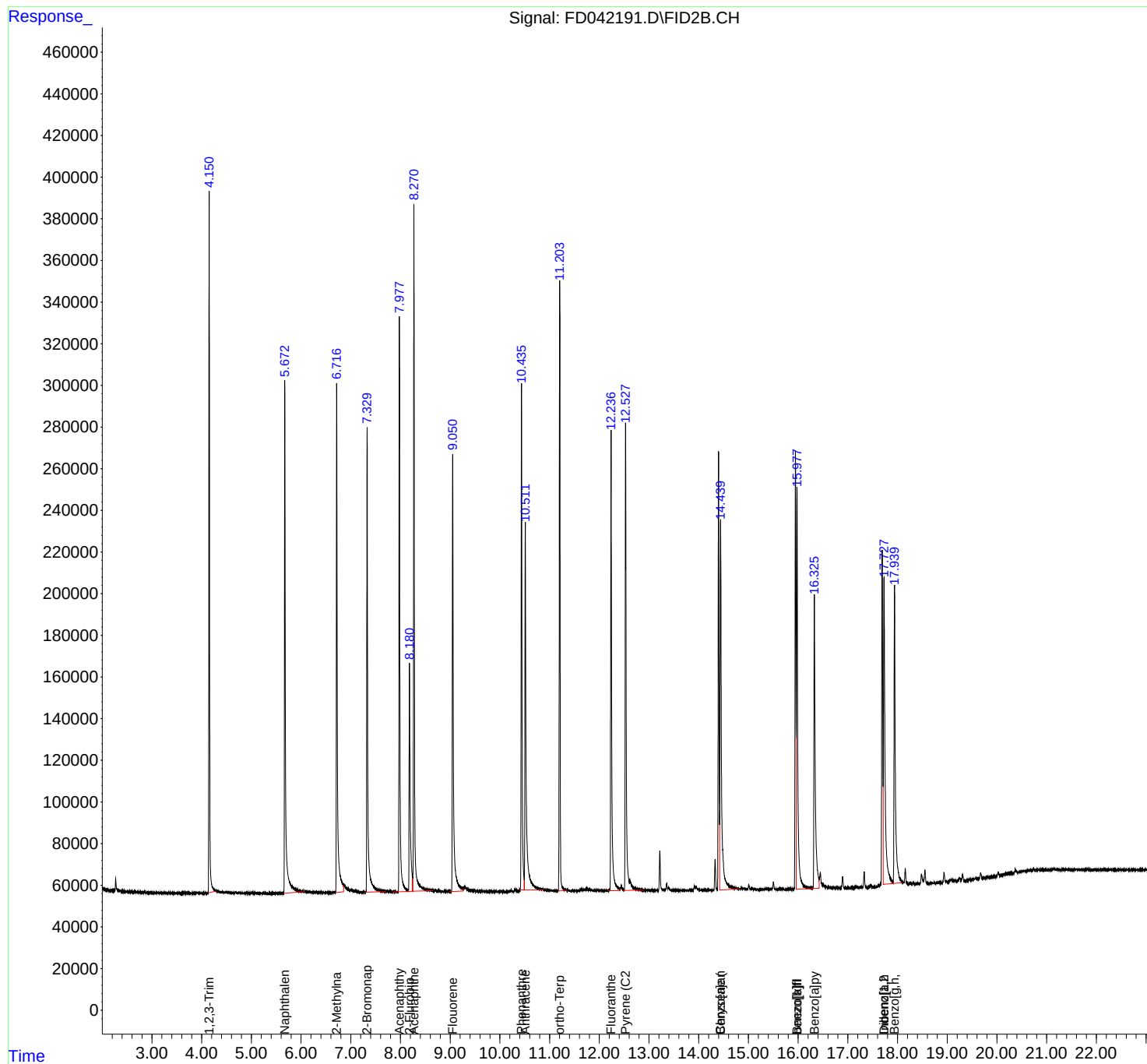
(f)=RT Delta > 1/2 Window

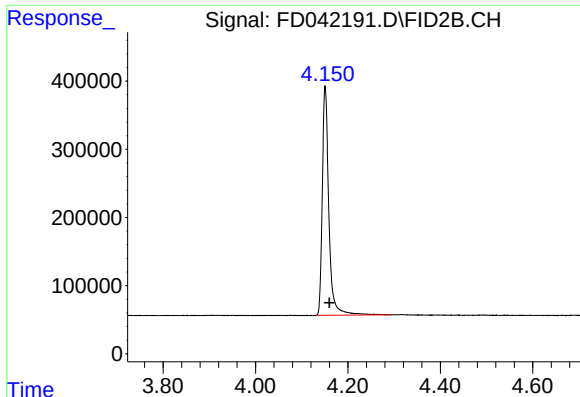
(m)=manual int.

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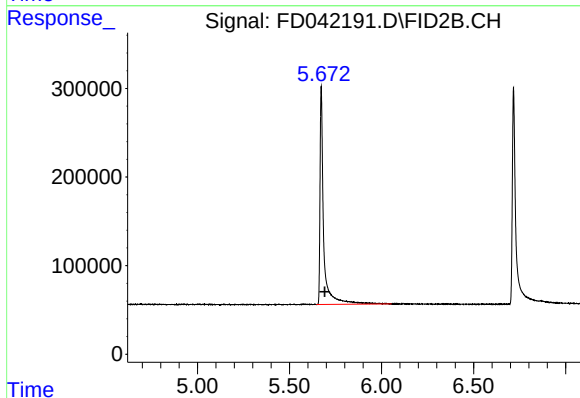
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





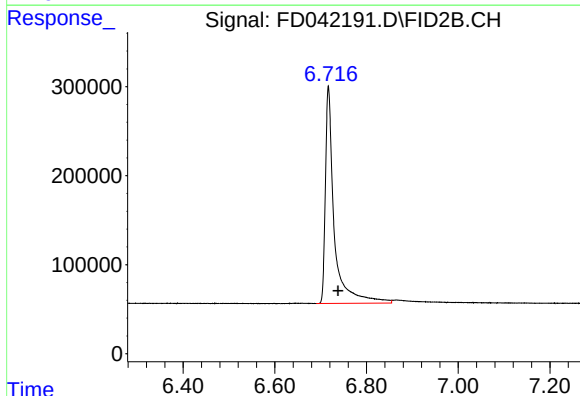
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 3304908
Conc: 21.23 ug/ml



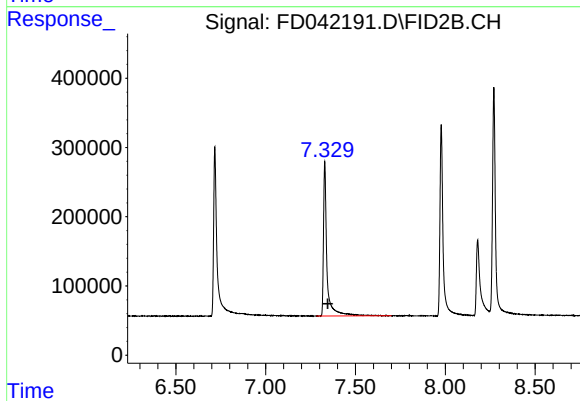
#2 Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.018 min
Response: 3401175
Conc: 21.56 ug/ml



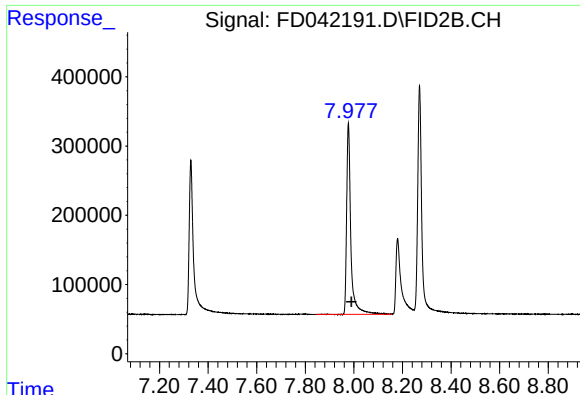
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.020 min
Response: 3282044
Conc: 22.70 ug/ml



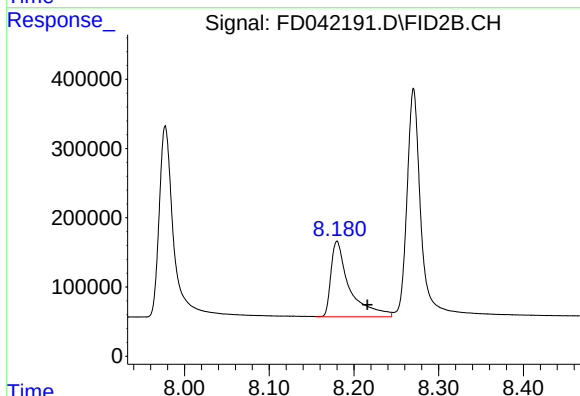
#4 2-Bromonaphthalene (SURR)

R.T.: 7.329 min
Delta R.T.: -0.016 min
Response: 3008572
Conc: 21.46 ug/ml



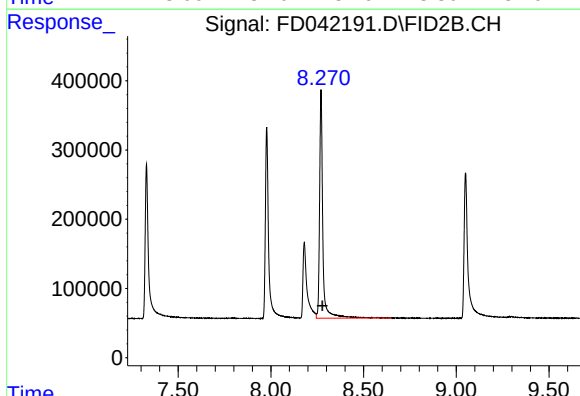
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.012 min
Response: 3334831
Conc: 20.24 ug/ml



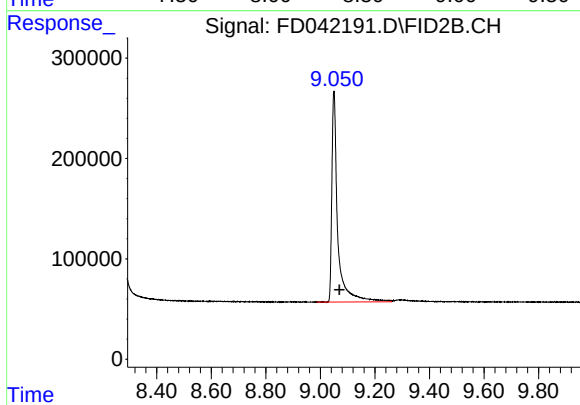
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.035 min
Response: 1660667
Conc: 23.31 ug/ml



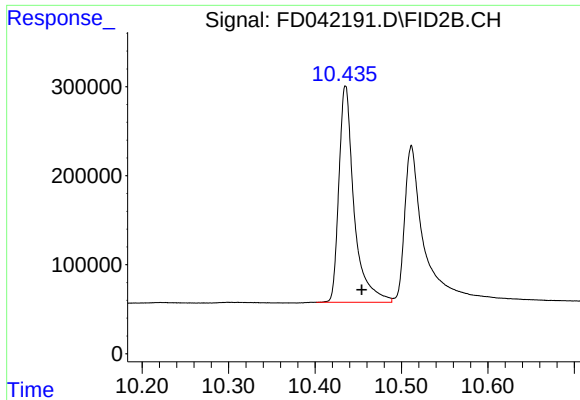
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: -0.008 min
Response: 3998825
Conc: 21.30 ug/ml



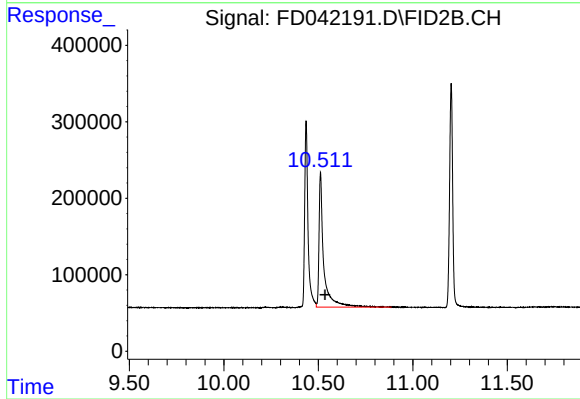
#8 Flouorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.019 min
Response: 3165915
Conc: 20.79 ug/ml



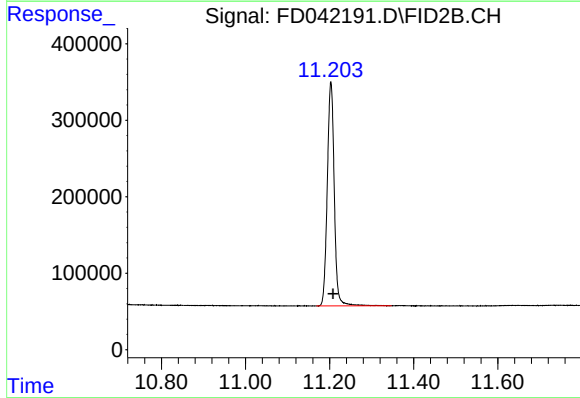
#9 Phenanthrene (C19.36)

R.T.: 10.435 min
Delta R.T.: -0.019 min
Response: 2971288
Conc: 20.01 ug/ml



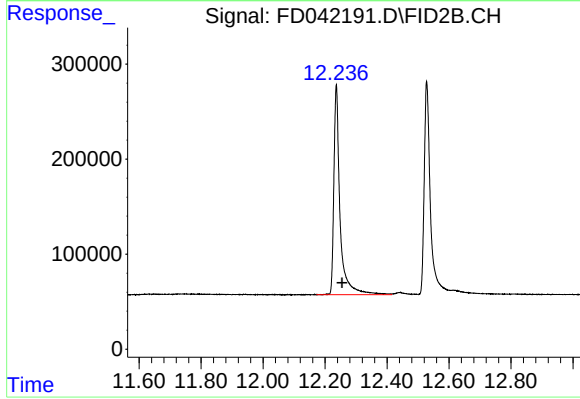
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 3053265
Conc: 18.24 ug/ml



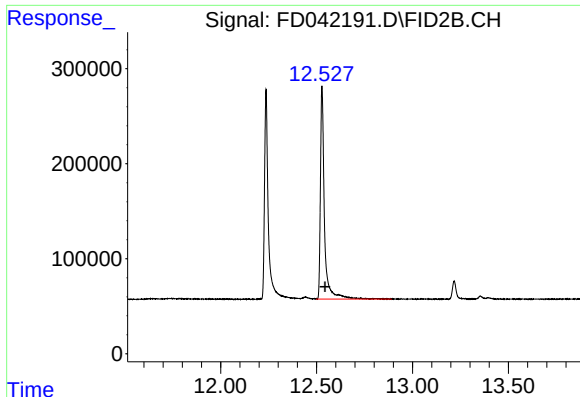
#11 ortho-Terphenyl (SURR)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 3367704
Conc: 19.43 ug/ml



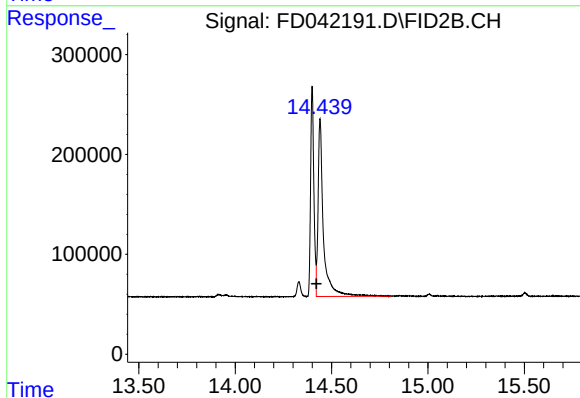
#12 Fluoranthene (C21.85)

R.T.: 12.237 min
Delta R.T.: -0.018 min
Response: 3062090
Conc: 19.52 ug/ml



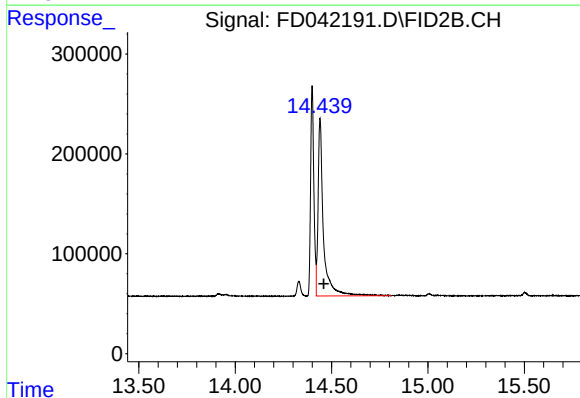
#13 Pyrene (C20.8)

R.T.: 12.529 min
Delta R.T.: -0.016 min
Response: 3294652
Conc: 20.20 ug/ml



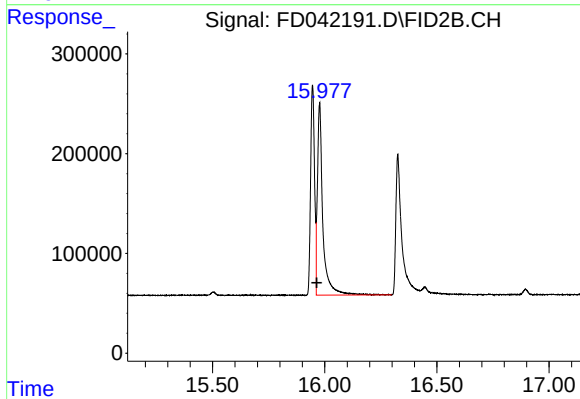
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.019 min
Response: 3487340
Conc: 29.15 ug/ml



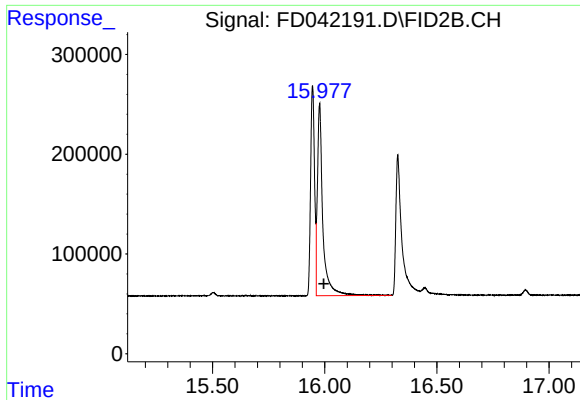
#15 Chrysene (C27.41)

R.T.: 14.441 min
Delta R.T.: -0.019 min
Response: 3487340
Conc: 19.01 ug/ml



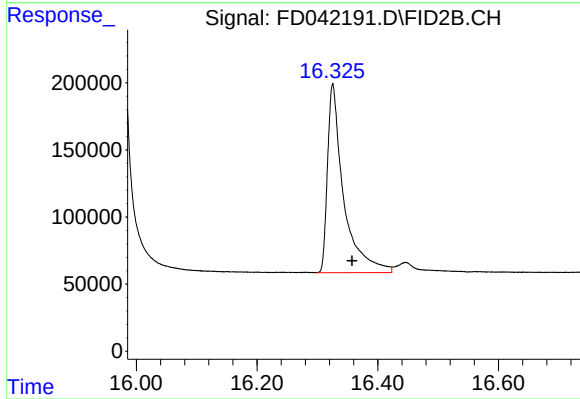
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: 0.013 min
Response: 3281381
Conc: 24.99 ug/ml



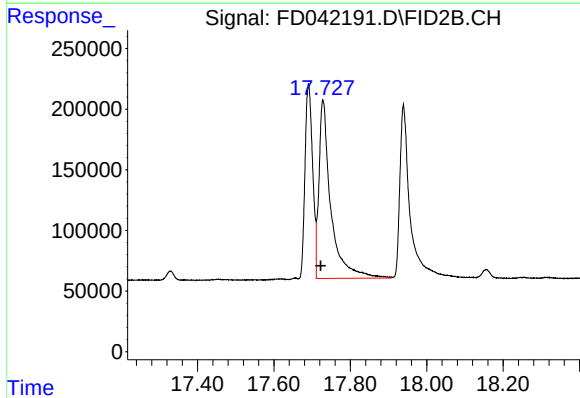
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.977 min
Delta R.T.: -0.018 min
Response: 3281381
Conc: 18.98 ug/ml



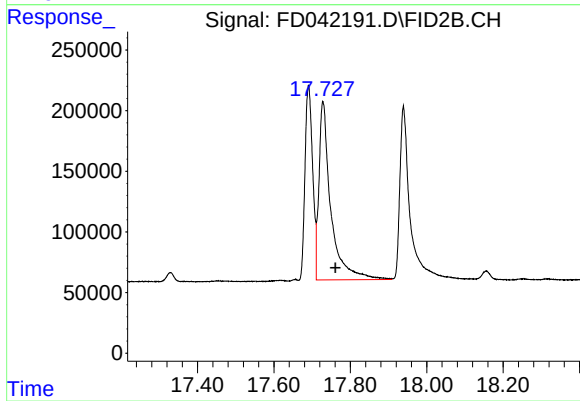
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.031 min
Response: 2610857
Conc: 17.70 ug/ml



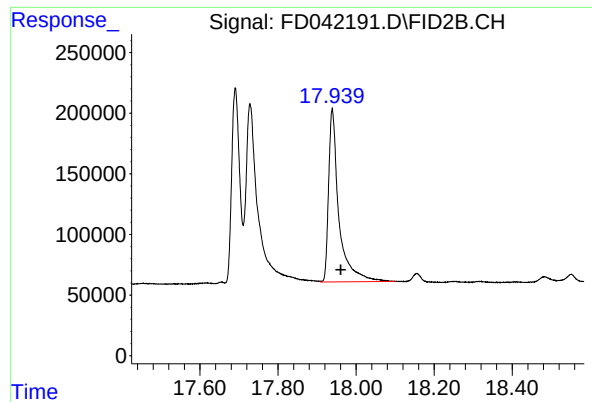
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.007 min
Response: 3186473
Conc: 31.92 ug/ml



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

R.T.: 17.729 min
Delta R.T.: -0.031 min
Response: 3186473
Conc: 20.30 ug/ml



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

R.T.: 17.940 min
Delta R.T.: -0.020 min
Response: 2610369
Conc: 18.85 ug/ml