

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031217.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 9:28
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:26:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 2019
 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...	7.540	1882354	19.693 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
6) S 2-Fluorobiphenyl (SURR)	8.402	1226583	19.331 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.66%
11) S ortho-Terphenyl (SURR)	11.429	2054403	18.745 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	2038049	20.545 ug/ml
2) T Naphthalene (C11.7)	5.883	2057432	20.320 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	2053070	20.024 ug/ml
5) T Acenaphthylene (C15.06)	8.203	1975412	19.137 ug/ml
7) T Acenaphthene (C15.5)	8.497	2105249	19.286 ug/ml
8) T Fluorene (C16.55)	9.277	1999473	19.289 ug/ml
9) T Phenanthrene (C19.36)	10.670	1989994	19.049 ug/ml
10) T Anthracene (C19.43)	10.745	1809071	17.241 ug/ml
12) T Fluoranthene (C21.85)	12.478	2025893	19.071 ug/ml
13) T Pyrene (C20.8)	12.774	1973935	18.629 ug/ml
14) T Benzo[a]anthracene (C...	14.643	1865172	19.414 ug/ml
15) T Chrysene (C27.41)	14.685	2076998	18.893 ug/ml
16) T benzo[b]fluoranthene ...	16.224	2069288	21.332 ug/ml
17) T Bnezo[k]fluoranthene ...	16.224	2069288	19.011 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	1931035	19.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	2108619	23.329 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	2108619	20.540 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	1970716	20.674 ug/ml

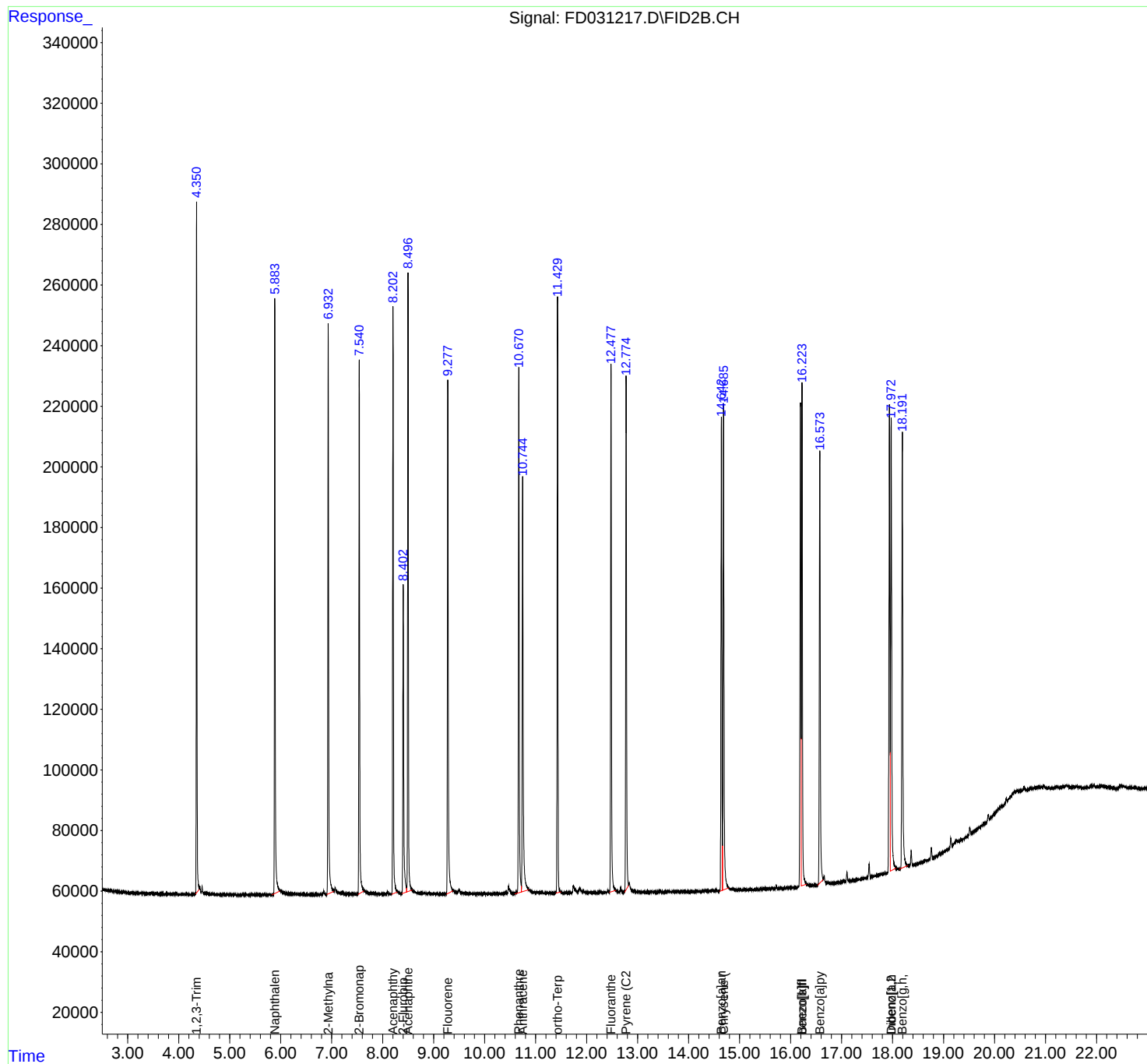
(f)=RT Delta > 1/2 Window

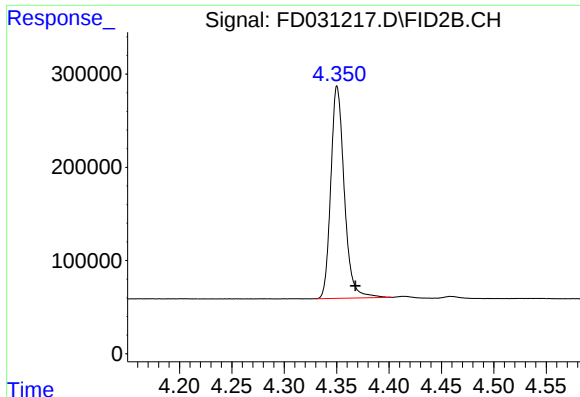
(m)=manual int.

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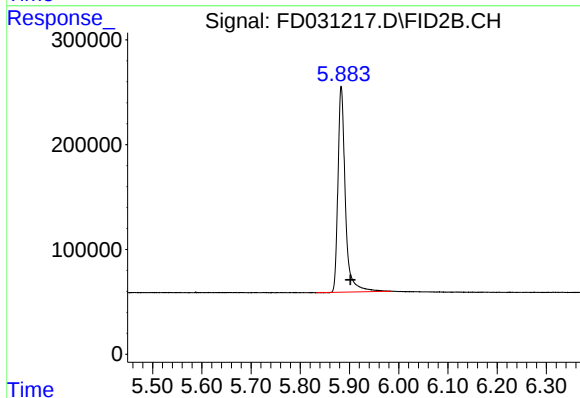
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





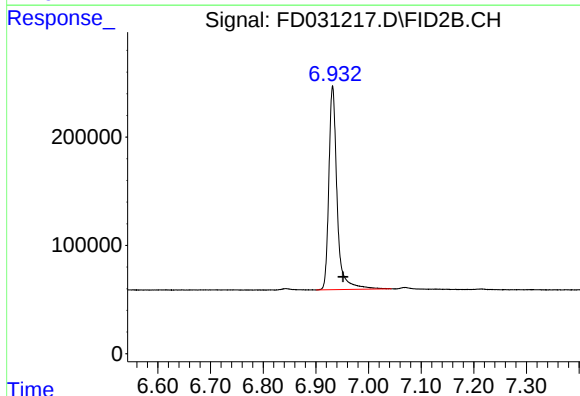
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.017 min
Response: 2038049
Conc: 20.54 ug/ml



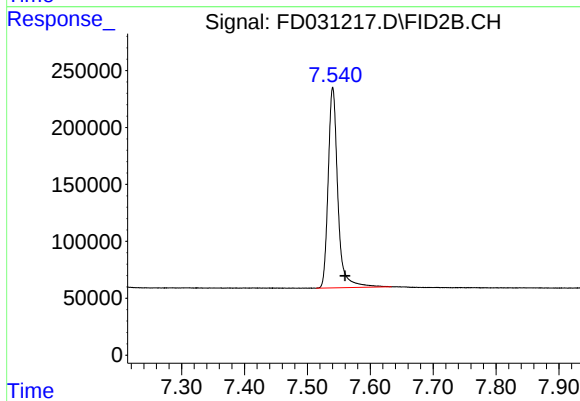
#2 Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: -0.019 min
Response: 2057432
Conc: 20.32 ug/ml



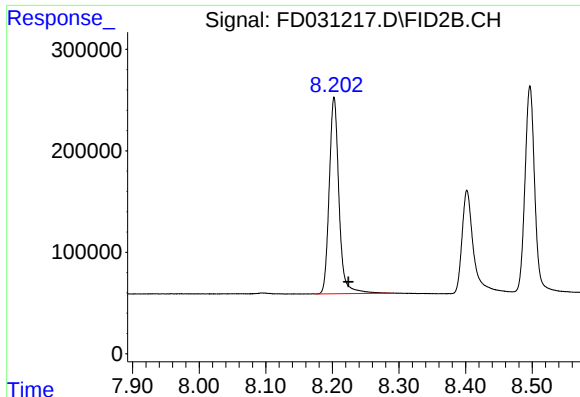
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: -0.020 min
Response: 2053070
Conc: 20.02 ug/ml



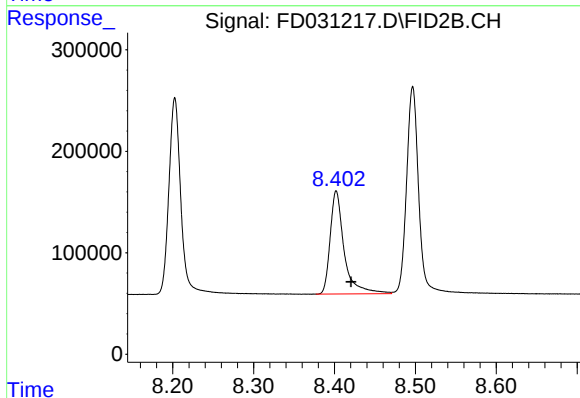
#4 2-Bromonaphthalene (SURR)

R.T.: 7.540 min
Delta R.T.: -0.020 min
Response: 1882354
Conc: 19.69 ug/ml



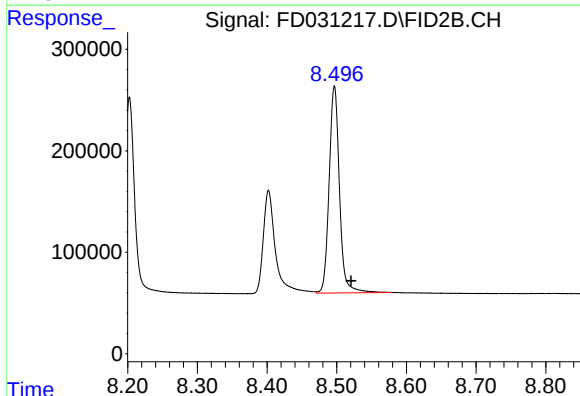
#5 Acenaphthylene (C15.06)

R.T.: 8.203 min
Delta R.T.: -0.022 min
Response: 1975412
Conc: 19.14 ug/ml



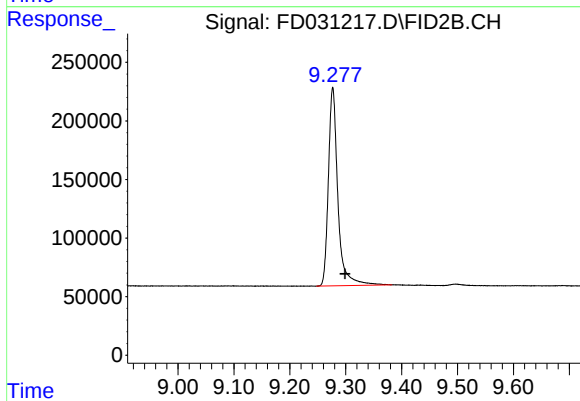
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.402 min
Delta R.T.: -0.018 min
Response: 1226583
Conc: 19.33 ug/ml



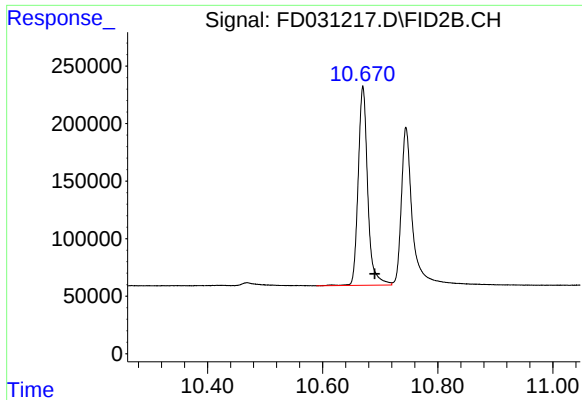
#7 Acenaphthene (C15.5)

R.T.: 8.497 min
Delta R.T.: -0.024 min
Response: 2105249
Conc: 19.29 ug/ml



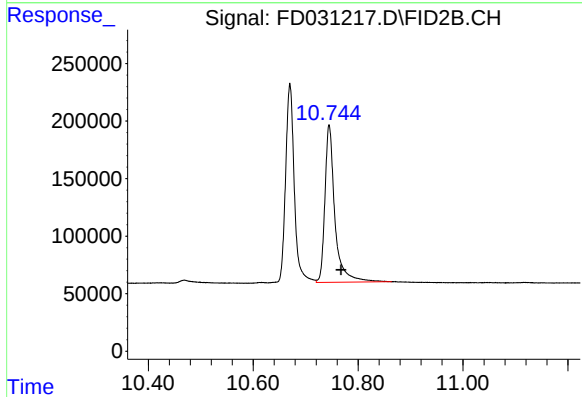
#8 Fluorene (C16.55)

R.T.: 9.277 min
Delta R.T.: -0.022 min
Response: 1999473
Conc: 19.29 ug/ml



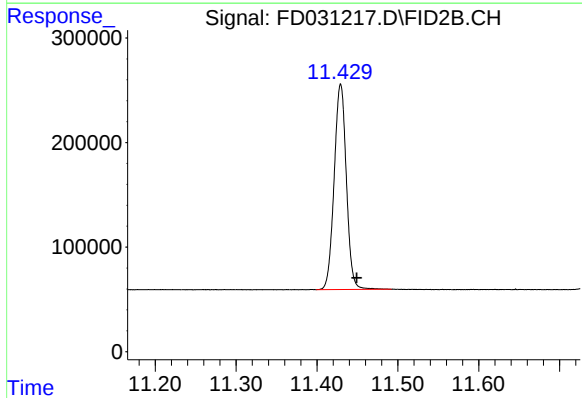
#9 Phenanthrene (C19.36)

R.T.: 10.670 min
Delta R.T.: -0.021 min
Response: 1989994
Conc: 19.05 ug/ml



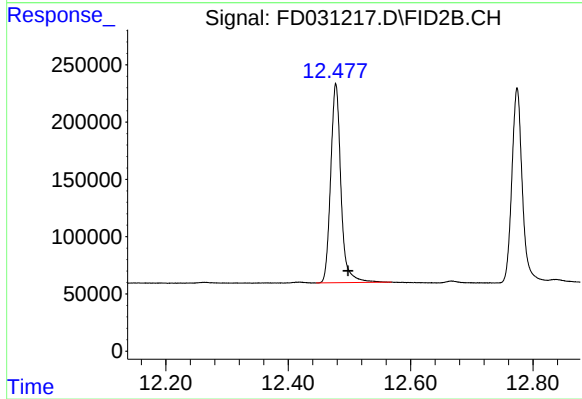
#10 Anthracene (C19.43)

R.T.: 10.745 min
Delta R.T.: -0.023 min
Response: 1809071
Conc: 17.24 ug/ml



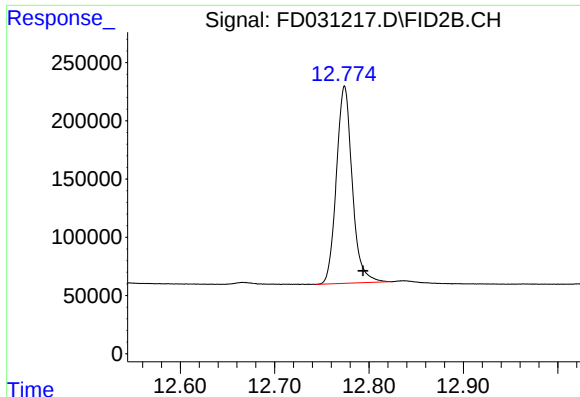
#11 ortho-Terphenyl (SURR)

R.T.: 11.429 min
Delta R.T.: -0.020 min
Response: 2054403
Conc: 18.74 ug/ml



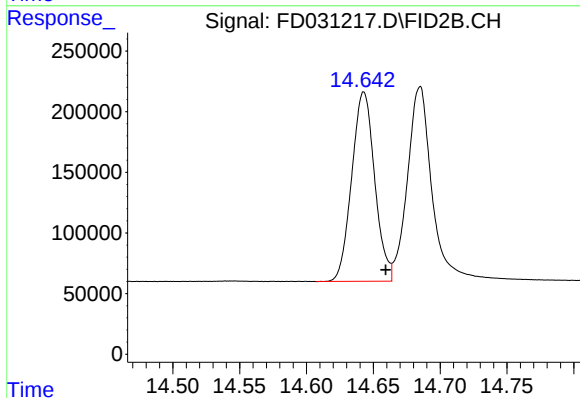
#12 Fluoranthene (C21.85)

R.T.: 12.478 min
Delta R.T.: -0.020 min
Response: 2025893
Conc: 19.07 ug/ml



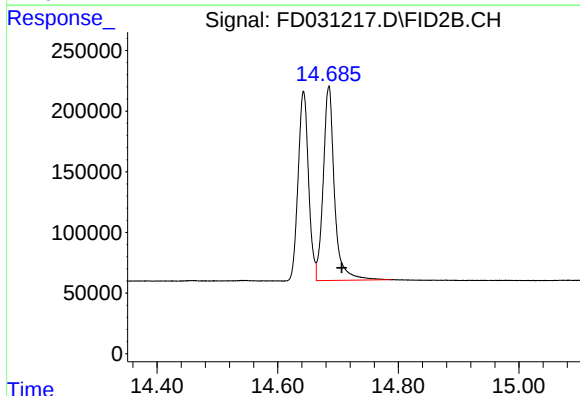
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.020 min
Response: 1973935
Conc: 18.63 ug/ml



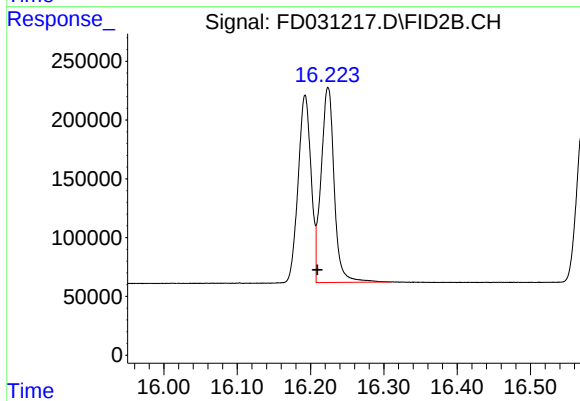
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.016 min
Response: 1865172
Conc: 19.41 ug/ml



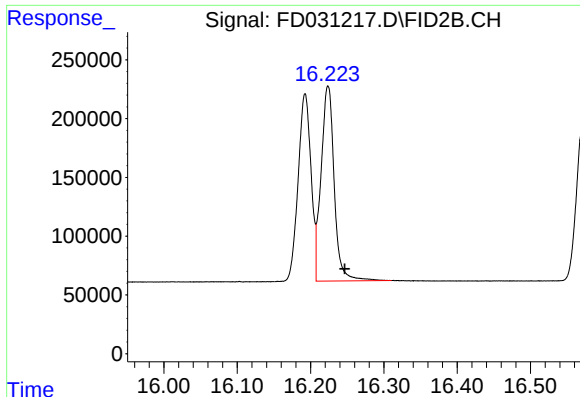
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.021 min
Response: 2076998
Conc: 18.89 ug/ml



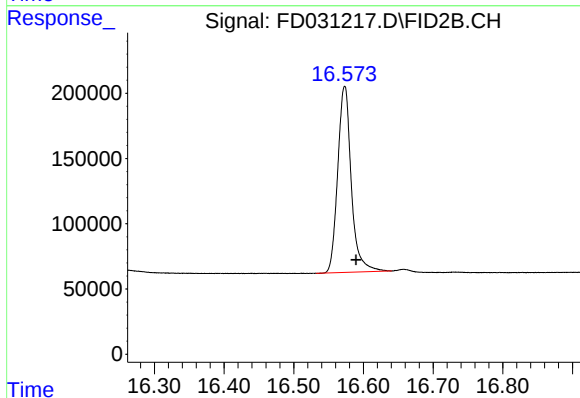
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.224 min
Delta R.T.: 0.014 min
Response: 2069288
Conc: 21.33 ug/ml



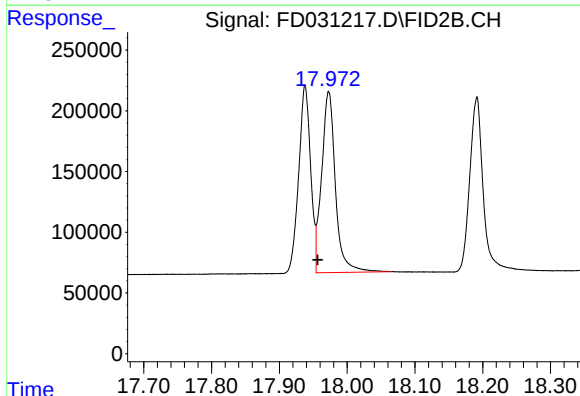
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.023 min
Response: 2069288
Conc: 19.01 ug/ml



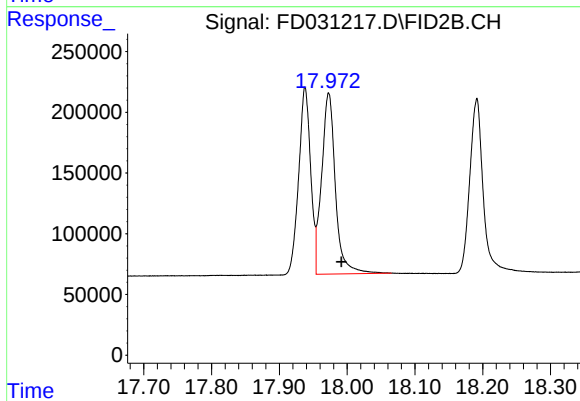
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: -0.016 min
Response: 1931035
Conc: 19.68 ug/ml



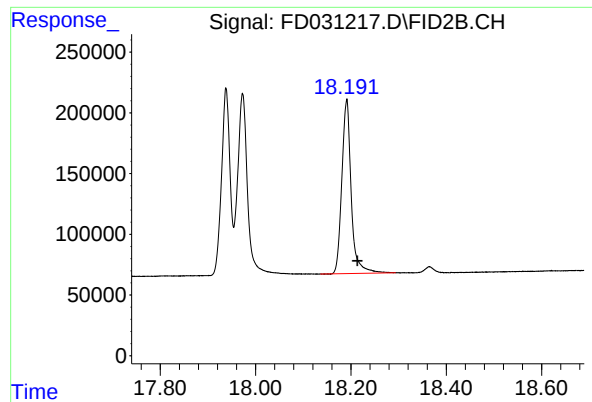
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: 0.016 min
Response: 2108619
Conc: 23.33 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.019 min
Response: 2108619
Conc: 20.54 ug/ml



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

R.T.: 18.191 min
Delta R.T.: -0.023 min
Response: 1970716
Conc: 20.67 ug/ml