

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022522AR\
 Data File : FD041277.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2022 18:38
 Operator : UA/NP
 Sample : PB142934BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 22:00:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.366	7234935	44.777 ug/ml
Spiked Amount 50.000		Recovery =	89.55%
6) S 2-Fluorobiphenyl (SURR)	8.213	4885374	46.932 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.86%
11) S ortho-Terphenyl (SURR)	11.249	6811412	38.833 ug/ml
Spiked Amount 50.000		Recovery =	77.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	5616377	32.046 ug/ml
2) T Naphthalene (C11.7)	5.707	6469660	35.472 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	6678039	36.897 ug/ml
5) T Acenaphthylene (C15.06)	8.017	6653826	37.220 ug/ml
7) T Acenaphthene (C15.5)	8.312	7034988	36.804 ug/ml
8) T Fluorene (C16.55)	9.089	7013456	40.957 ug/ml
9) T Phenanthrene (C19.36)	10.476	7044959	42.881 ug/ml
10) T Anthracene (C19.43)	10.551	6905261	43.179 ug/ml
12) T Fluoranthene (C21.85)	12.279	7618148	45.342 ug/ml
13) T Pyrene (C20.8)	12.572	6790687	40.504 ug/ml
14) T Benzo[a]anthracene (C...	14.440	6236772	42.977 ug/ml
15) T Chrysene (C27.41)	14.484	6180358	37.531 ug/ml
16) T benzo[b]fluoranthene ...	15.986	5969044	43.735 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	5925586	40.155 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	5334294	40.568 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.725	5421060	43.245 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	5494413	38.870 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	5625299	43.447 ug/ml

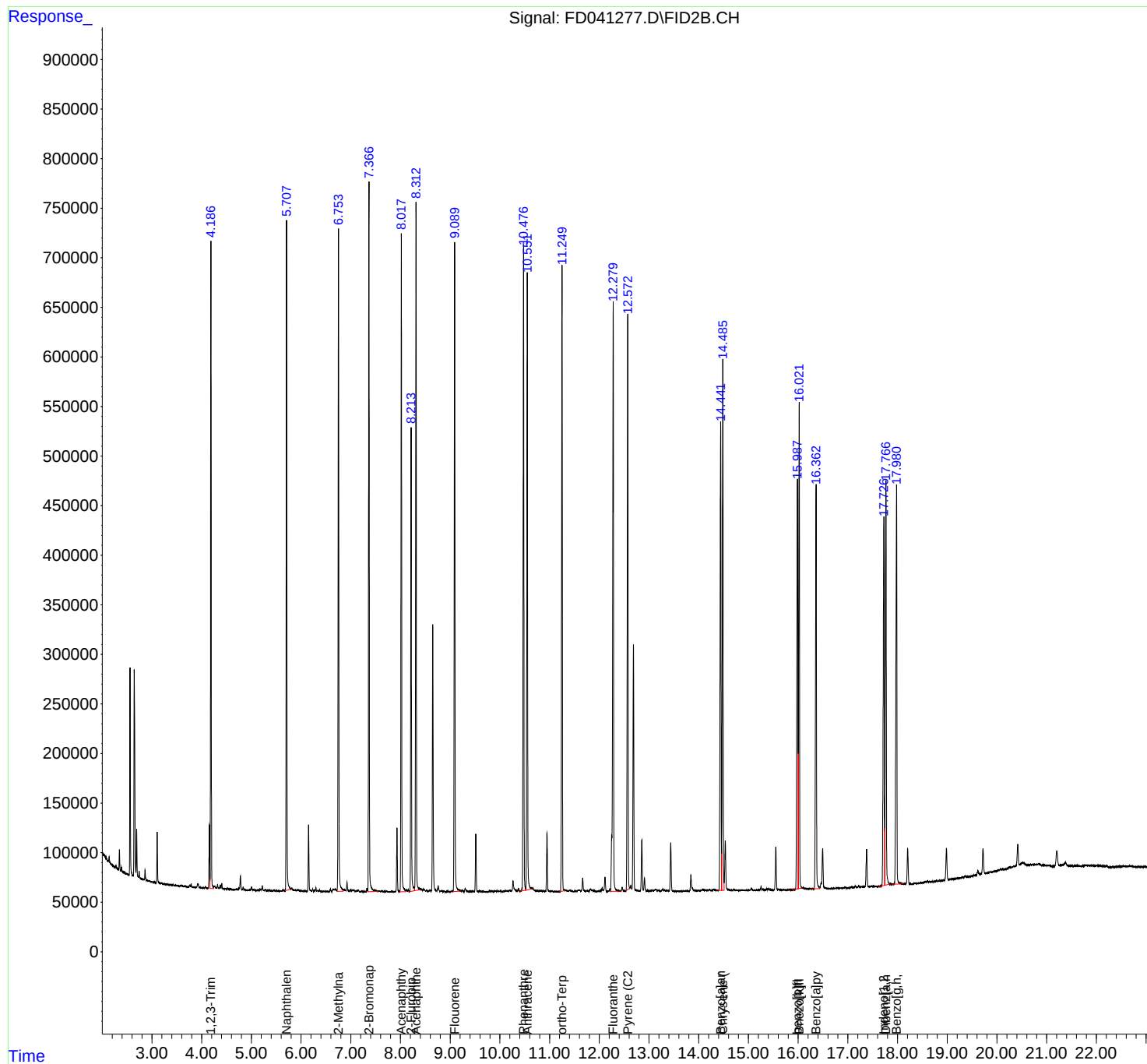
(f)=RT Delta > 1/2 Window

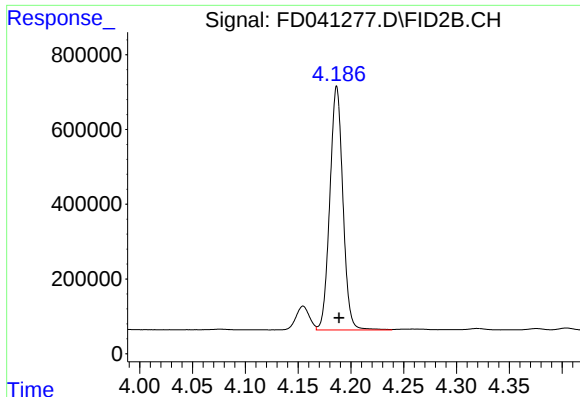
(m)=manual int.

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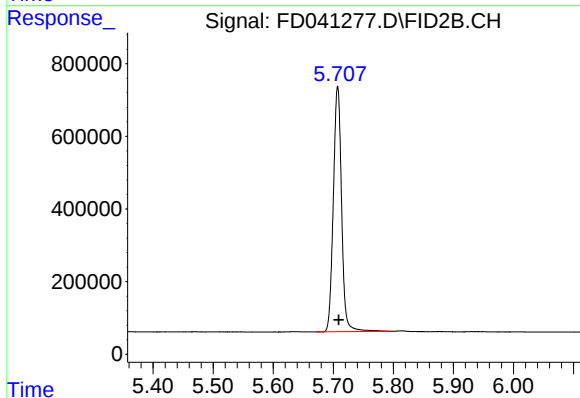
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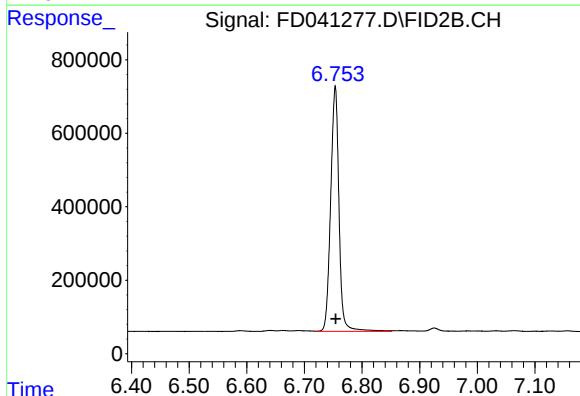
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.187 min
Delta R.T.: -0.002 min
Response: 5616377
Conc: 32.05 ug/ml



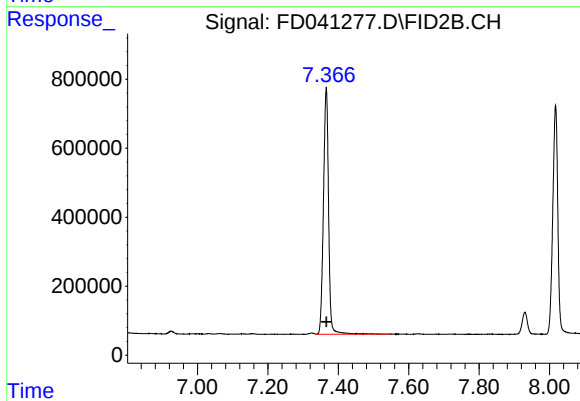
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: -0.002 min
Response: 6469660
Conc: 35.47 ug/ml



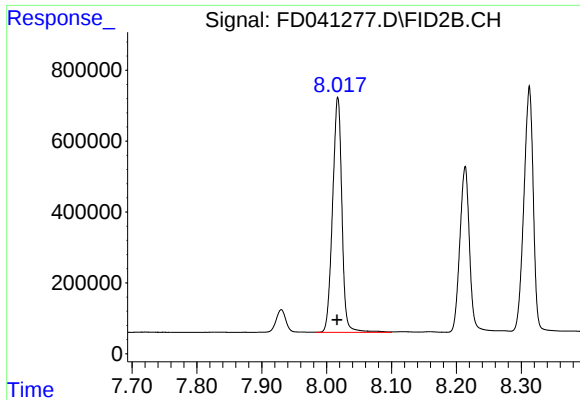
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 6678039
Conc: 36.90 ug/ml



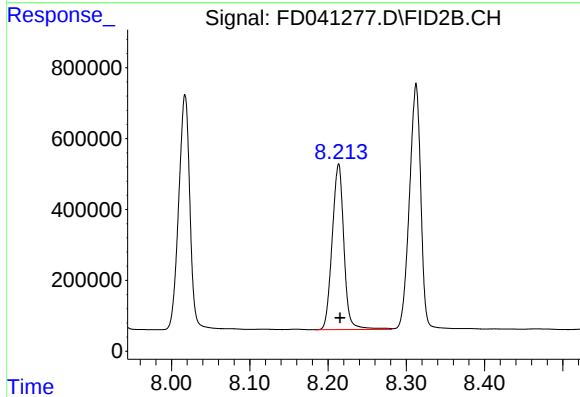
#4 2-Bromonaphthalene (SURR)

R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 7234935
Conc: 44.78 ug/ml



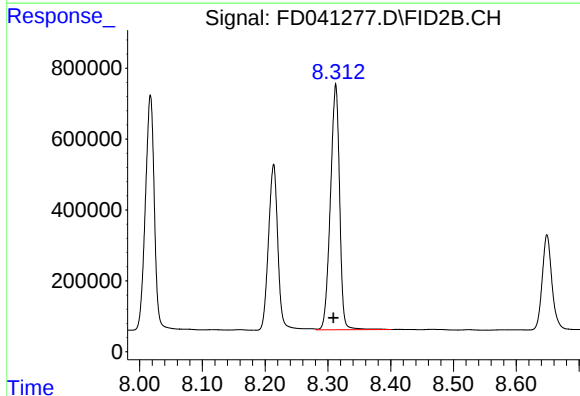
#5 Acenaphthylene (C15.06)

R.T.: 8.017 min
Delta R.T.: 0.001 min
Response: 6653826
Conc: 37.22 ug/ml



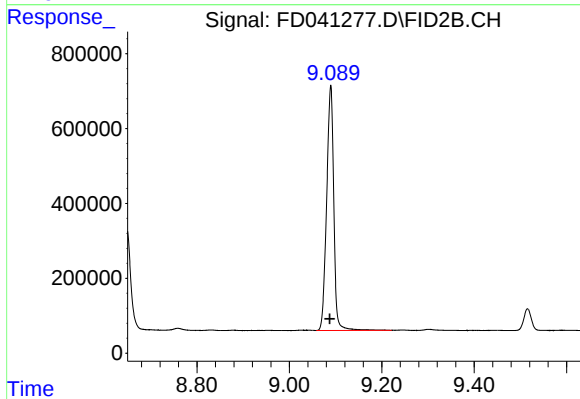
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: -0.002 min
Response: 4885374
Conc: 46.93 ug/ml



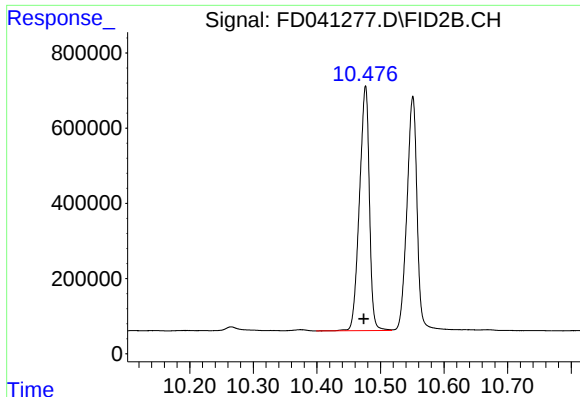
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.003 min
Response: 7034988
Conc: 36.80 ug/ml



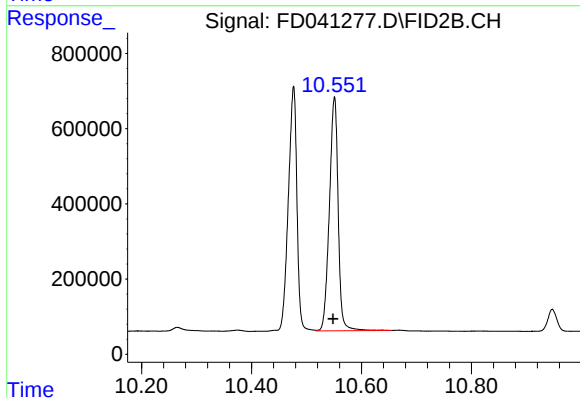
#8 Fluorene (C16.55)

R.T.: 9.089 min
Delta R.T.: 0.002 min
Response: 7013456
Conc: 40.96 ug/ml



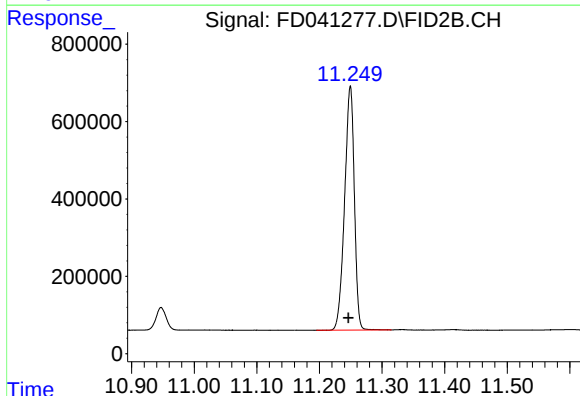
#9 Phenanthrene (C19.36)

R.T.: 10.476 min
Delta R.T.: 0.002 min
Response: 7044959
Conc: 42.88 ug/ml



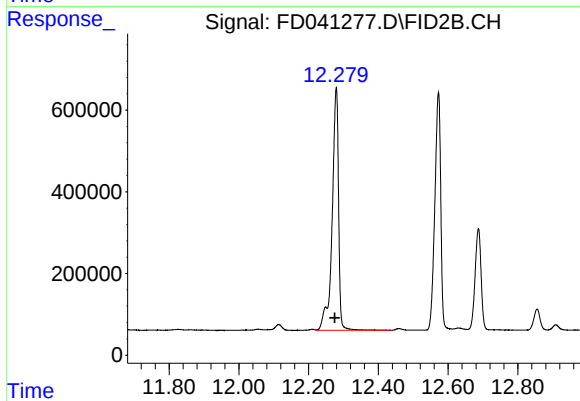
#10 Anthracene (C19.43)

R.T.: 10.551 min
Delta R.T.: 0.002 min
Response: 6905261
Conc: 43.18 ug/ml



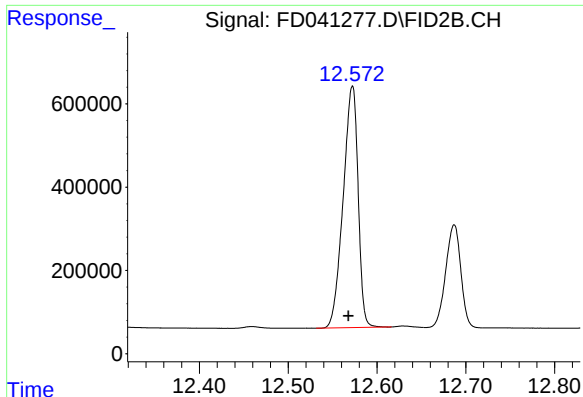
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.003 min
Response: 6811412
Conc: 38.83 ug/ml



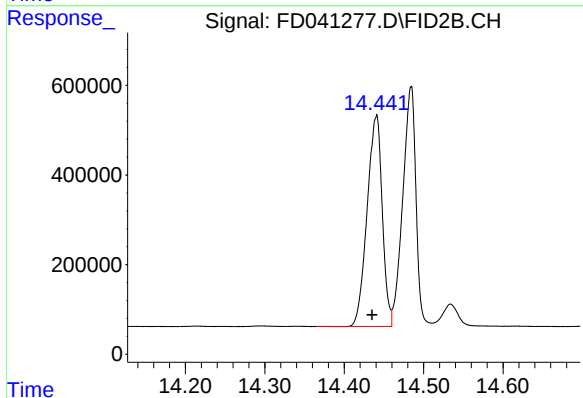
#12 Fluoranthene (C21.85)

R.T.: 12.279 min
Delta R.T.: 0.004 min
Response: 7618148
Conc: 45.34 ug/ml



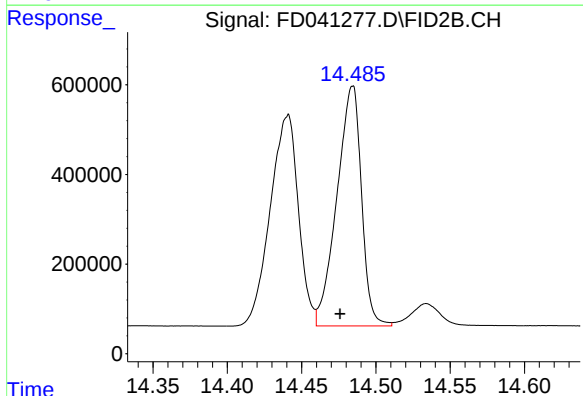
#13 Pyrene (C20.8)

R.T.: 12.572 min
Delta R.T.: 0.004 min
Response: 6790687
Conc: 40.50 ug/ml



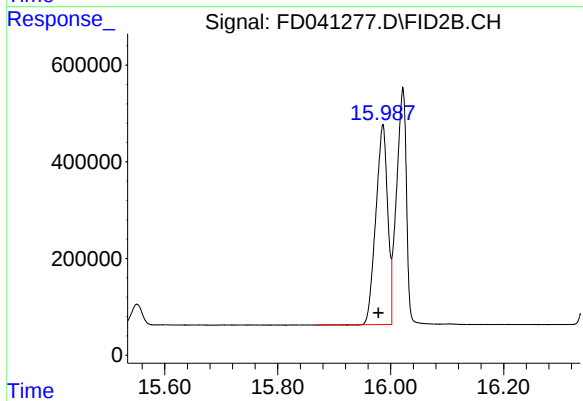
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.440 min
Delta R.T.: 0.005 min
Response: 6236772
Conc: 42.98 ug/ml



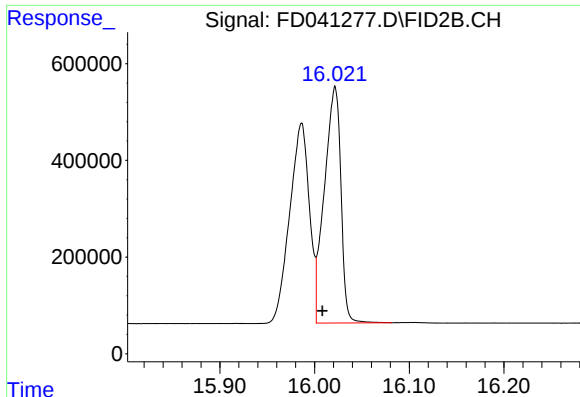
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: 0.008 min
Response: 6180358
Conc: 37.53 ug/ml



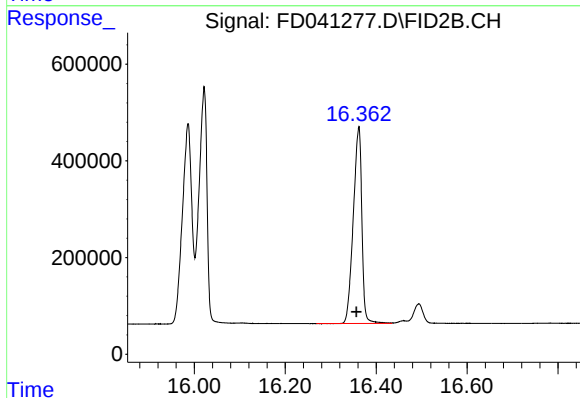
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.986 min
Delta R.T.: 0.008 min
Response: 5969044
Conc: 43.74 ug/ml



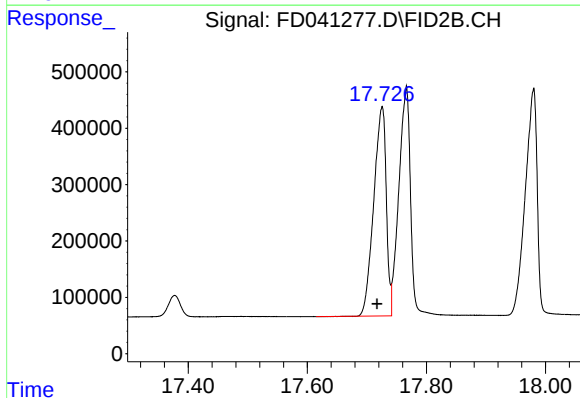
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.021 min
Delta R.T.: 0.013 min
Response: 5925586
Conc: 40.15 ug/ml



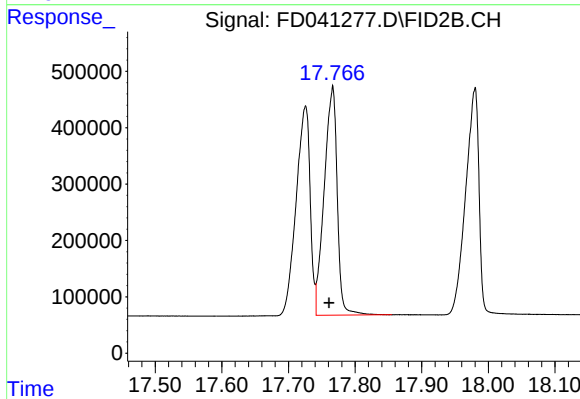
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.005 min
Response: 5334294
Conc: 40.57 ug/ml



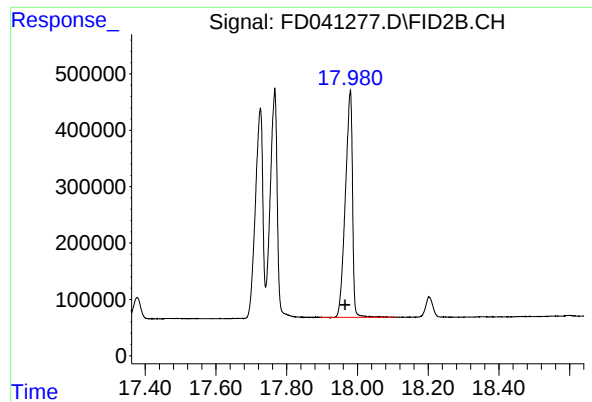
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.725 min
Delta R.T.: 0.008 min
Response: 5421060
Conc: 43.24 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.005 min
Response: 5494413
Conc: 38.87 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.014 min
Response: 5625299
Conc: 43.45 ug/ml