

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040061.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 21:51
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 02:43:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 02:41:02 2021
 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...	6.854	6886877	53.345 ug/ml
Spiked Amount 50.000		Recovery =	106.69%
6) S 2-Fluorobiphenyl (SURR)	7.707	4661685	53.512 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.02%
11) S ortho-Terphenyl (SURR)	10.749	7092658	53.190 ug/ml
Spiked Amount 50.000		Recovery =	106.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.696	7448994	53.324 ug/ml
2) T Naphthalene (C11.7)	5.200	7803563	53.335 ug/ml
3) T 2-Methylnaphthalene (...)	6.244	7836198	53.376 ug/ml
5) T Acenaphthylene (C15.06)	7.513	7135327	53.431 ug/ml
7) T Acenaphthene (C15.5)	7.808	7545596	53.388 ug/ml
8) T Fluorene (C16.55)	8.586	7418667	53.345 ug/ml
9) T Phenanthrene (C19.36)	9.977	7202607	53.449 ug/ml
10) T Anthracene (C19.43)	10.051	6930168	53.476 ug/ml
12) T Fluoranthene (C21.85)	11.783	7017480	53.275 ug/ml
13) T Pyrene (C20.8)	12.079	6794023	53.451 ug/ml
14) T Benzo[a]anthracene (C...	13.946	6240332	53.605 ug/ml
15) T Chrysene (C27.41)	13.992	6498740	53.456 ug/ml
16) T benzo[b]fluoranthene ...	15.495	6361236	53.617 ug/ml
17) T Bnezo[k]fluoranthene ...	15.532	6275808	53.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.874	6228608	53.665 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.238	6173459	54.330 ug/ml
20) T Dibenz[a,h]anthracene...	17.281	6106321	53.299 ug/ml
21) T Benzo[g,h,i]perylene ...	17.494	6223635	53.572 ug/ml

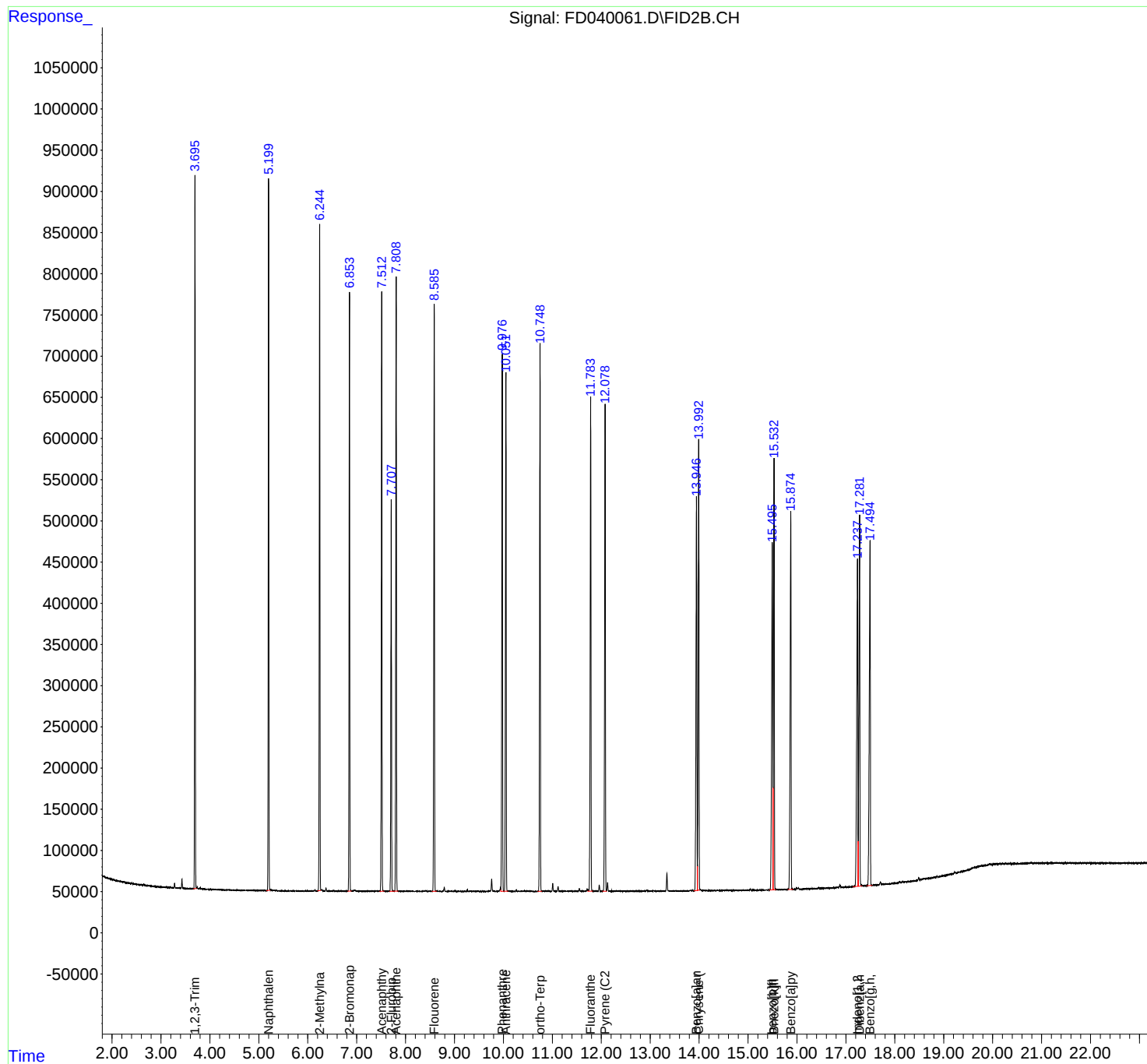
(f)=RT Delta > 1/2 Window

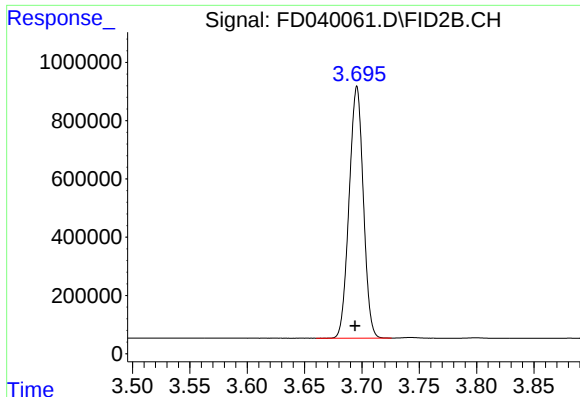
(m)=manual int.

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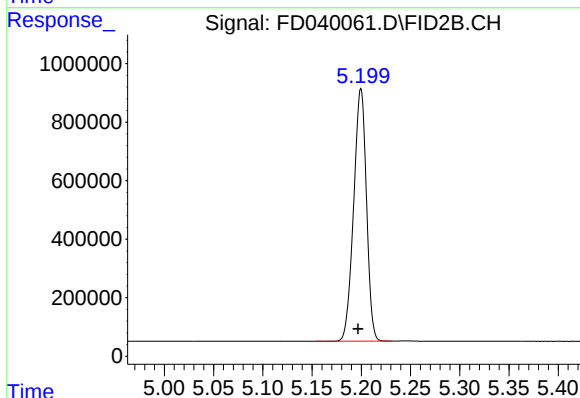
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Signal Info : 20M x 0.18mm x 0.18µm





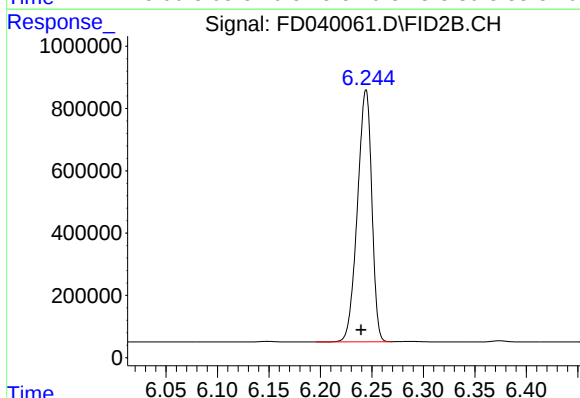
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.696 min
Delta R.T.: 0.002 min
Response: 7448994
Conc: 53.32 ug/ml



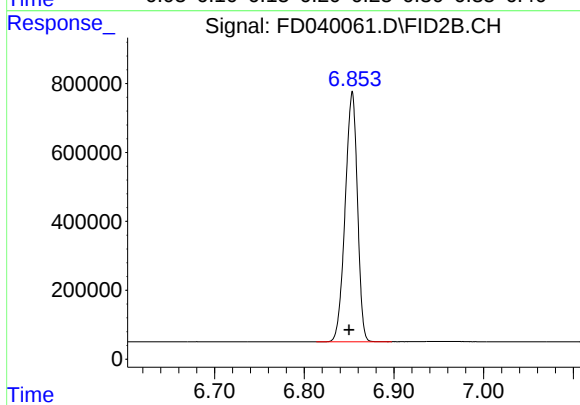
#2 Naphthalene (C11.7)

R.T.: 5.200 min
Delta R.T.: 0.003 min
Response: 7803563
Conc: 53.34 ug/ml



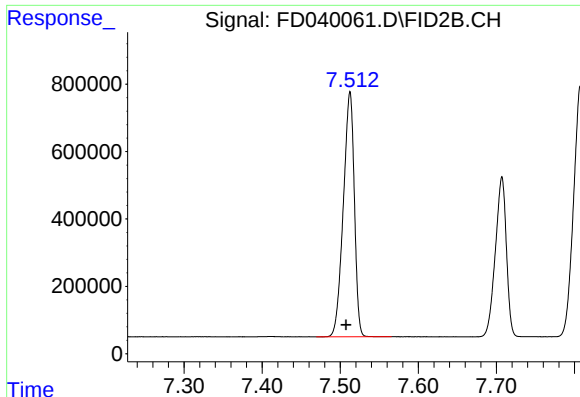
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 7836198
Conc: 53.38 ug/ml



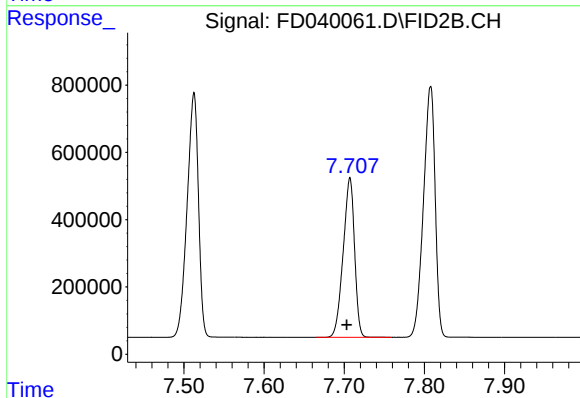
#4 2-Bromonaphthalene (SURR)

R.T.: 6.854 min
Delta R.T.: 0.003 min
Response: 6886877
Conc: 53.35 ug/ml



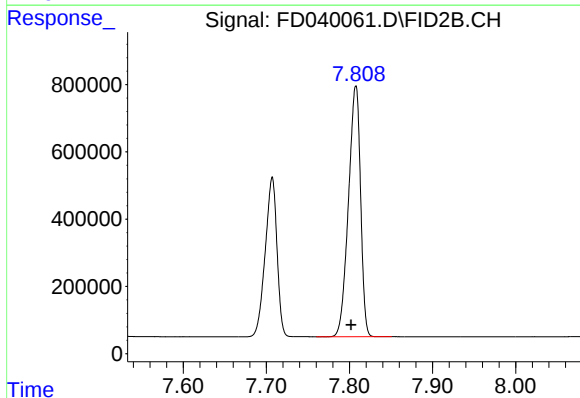
#5 Acenaphthylene (C15.06)

R.T.: 7.513 min
Delta R.T.: 0.005 min
Response: 7135327
Conc: 53.43 ug/ml



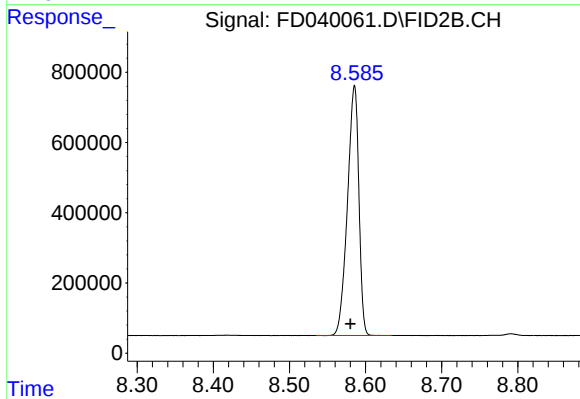
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.707 min
Delta R.T.: 0.004 min
Response: 4661685
Conc: 53.51 ug/ml



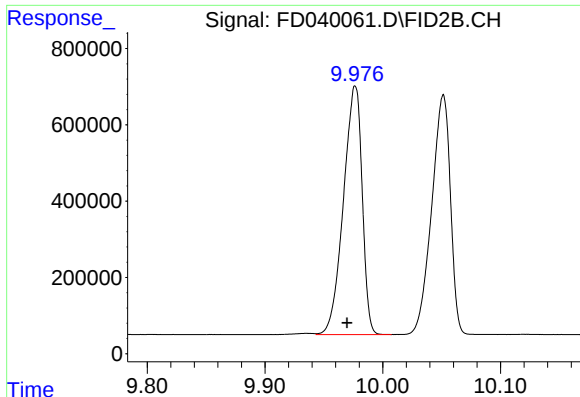
#7 Acenaphthene (C15.5)

R.T.: 7.808 min
Delta R.T.: 0.006 min
Response: 7545596
Conc: 53.39 ug/ml



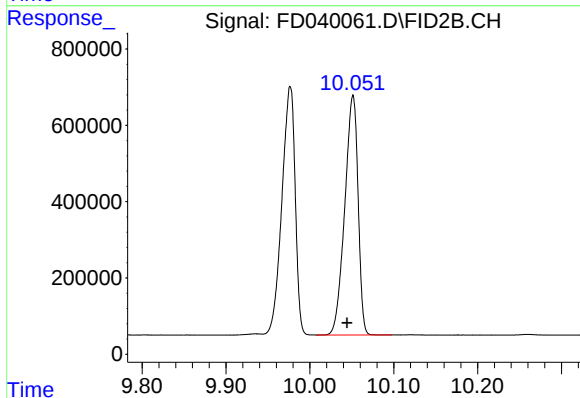
#8 Flouorene (C16.55)

R.T.: 8.586 min
Delta R.T.: 0.006 min
Response: 7418667
Conc: 53.35 ug/ml



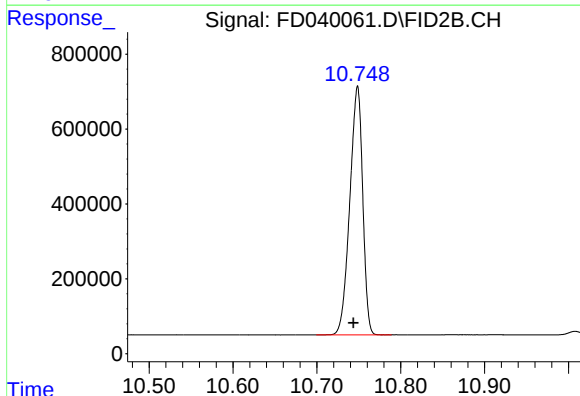
#9 Phenanthrene (C19.36)

R.T.: 9.977 min
Delta R.T.: 0.007 min
Response: 7202607
Conc: 53.45 ug/ml



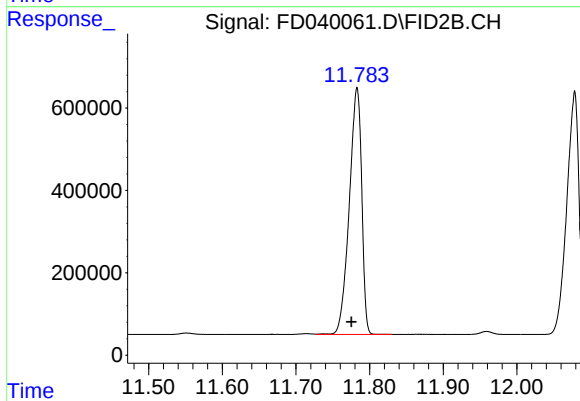
#10 Anthracene (C19.43)

R.T.: 10.051 min
Delta R.T.: 0.007 min
Response: 6930168
Conc: 53.48 ug/ml



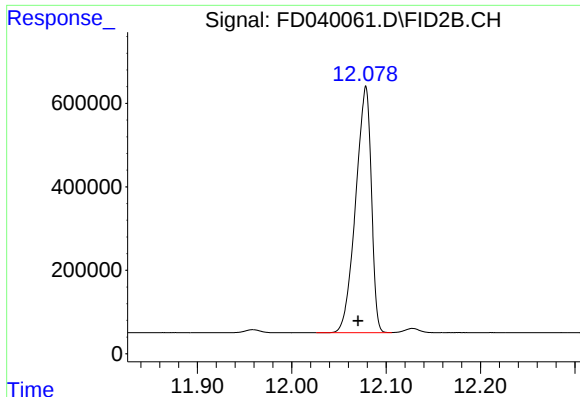
#11 ortho-Terphenyl (SURR)

R.T.: 10.749 min
Delta R.T.: 0.005 min
Response: 7092658
Conc: 53.19 ug/ml



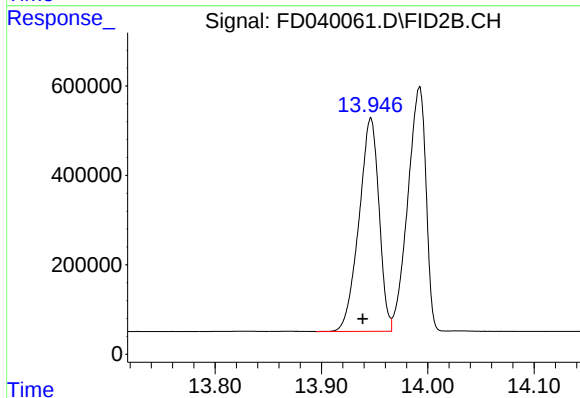
#12 Fluoranthene (C21.85)

R.T.: 11.783 min
Delta R.T.: 0.008 min
Response: 7017480
Conc: 53.27 ug/ml



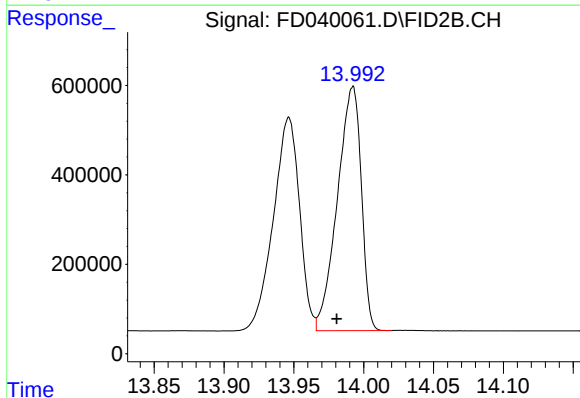
#13 Pyrene (C20.8)

R.T.: 12.079 min
Delta R.T.: 0.008 min
Response: 6794023
Conc: 53.45 ug/ml



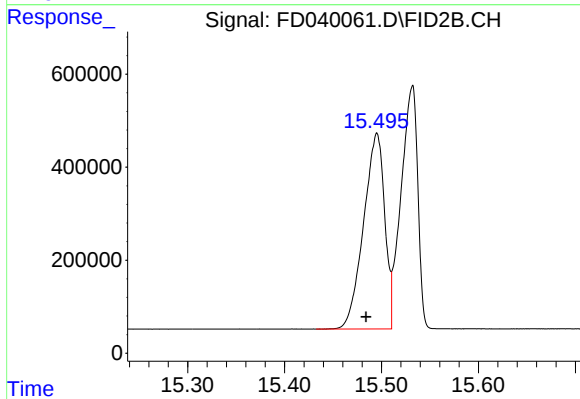
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.946 min
Delta R.T.: 0.008 min
Response: 6240332
Conc: 53.60 ug/ml



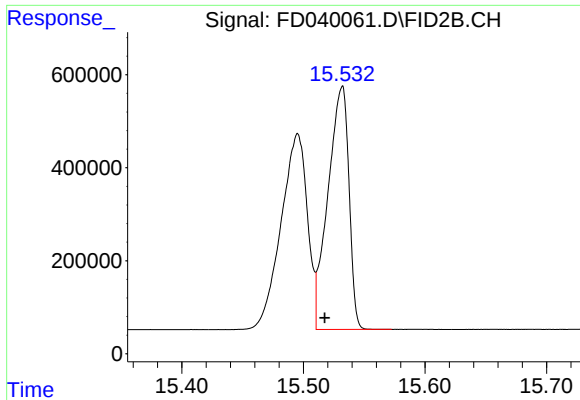
#15 Chrysene (C27.41)

R.T.: 13.992 min
Delta R.T.: 0.012 min
Response: 6498740
Conc: 53.46 ug/ml



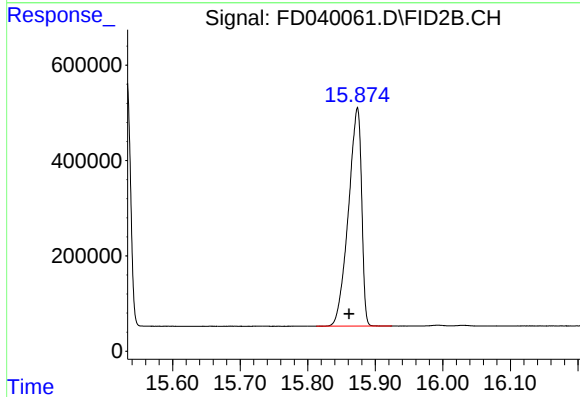
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.495 min
Delta R.T.: 0.011 min
Response: 6361236
Conc: 53.62 ug/ml



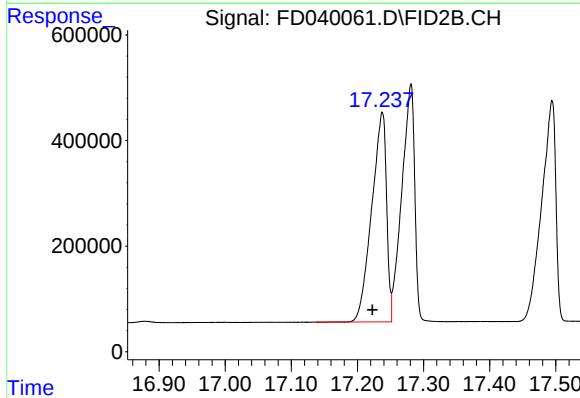
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.532 min
Delta R.T.: 0.014 min
Response: 6275808
Conc: 53.48 ug/ml



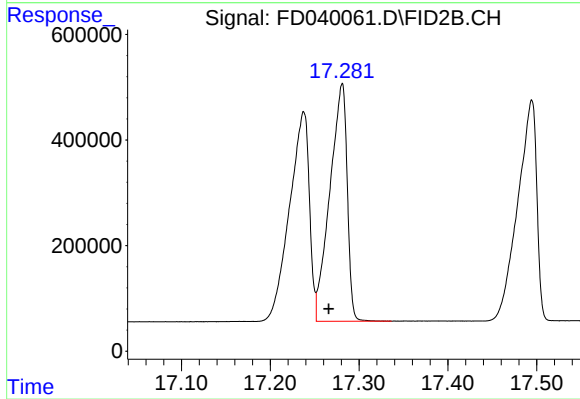
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.874 min
Delta R.T.: 0.013 min
Response: 6228608
Conc: 53.67 ug/ml



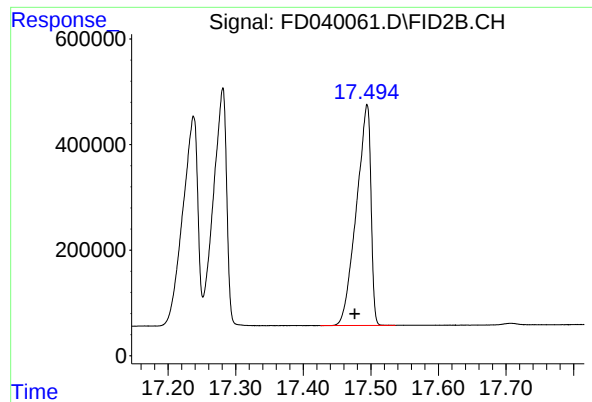
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.238 min
Delta R.T.: 0.015 min
Response: 6173459
Conc: 54.33 ug/ml



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

R.T.: 17.281 min
Delta R.T.: 0.015 min
Response: 6106321
Conc: 53.30 ug/ml



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

R.T.: 17.494 min
Delta R.T.: 0.018 min
Response: 6223635
Conc: 53.57 ug/ml