

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040070.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 3:16
 Operator : AJ\MA
 Sample : PB141508BSD
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 03:34:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 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...	6.848	8359651	62.639 ug/ml
Spiked Amount 50.000		Recovery =	125.28%
6) S 2-Fluorobiphenyl (SURR)	7.702	5759023	64.004 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.01%
11) S ortho-Terphenyl (SURR)	10.745	8413341	61.139 ug/ml
Spiked Amount 50.000		Recovery =	122.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.688	6547518	45.205 ug/ml
2) T Naphthalene (C11.7)	5.191	7780952	51.440 ug/ml
3) T 2-Methylnaphthalene (...)	6.237	7838389	51.683 ug/ml
5) T Acenaphthylene (C15.06)	7.506	7735954	56.082 ug/ml
7) T Acenaphthene (C15.5)	7.802	8340214	57.034 ug/ml
8) T Fluorene (C16.55)	8.581	8605617	59.938 ug/ml
9) T Phenanthrene (C19.36)	9.973	9036181	64.756 ug/ml
10) T Anthracene (C19.43)	10.049	8803165	65.679 ug/ml
12) T Fluoranthene (C21.85)	11.781	9032627	66.645 ug/ml
13) T Pyrene (C20.8)	12.077	8868498	67.414 ug/ml
14) T Benzo[a]anthracene (C...	13.948	8433189	69.885 ug/ml
15) T Chrysene (C27.41)	13.993	8364188	66.418 ug/ml
16) T benzo[b]fluoranthene ...	15.496	8265994	67.141 ug/ml
17) T Bnezo[k]fluoranthene ...	15.496	8265994	67.796 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.872	7270952	60.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.238	7513476	63.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.238	7513476	64.829 ug/ml
21) T Benzo[g,h,i]perylene ...	17.497	7874359	65.240 ug/ml

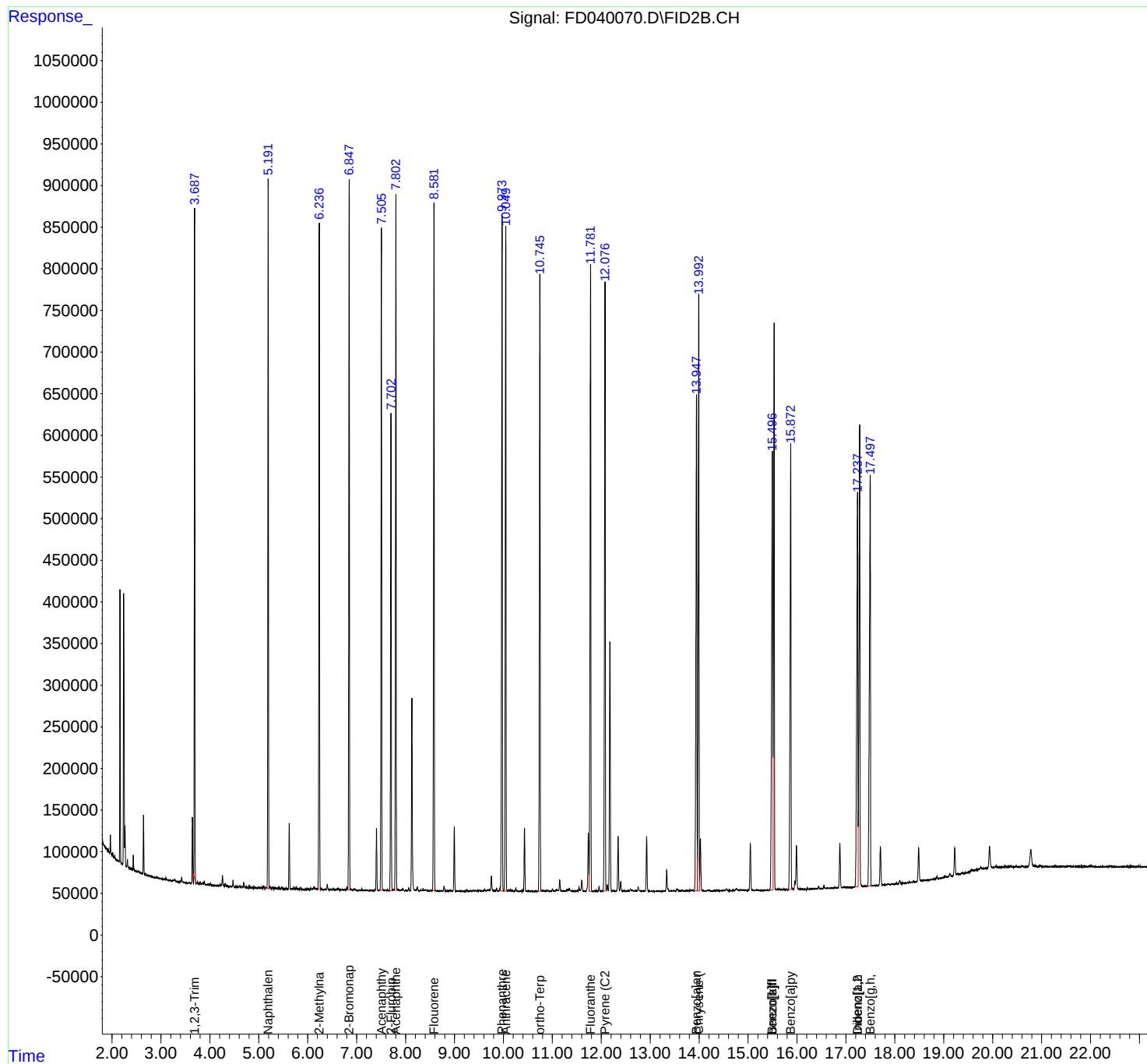
(f)=RT Delta > 1/2 Window

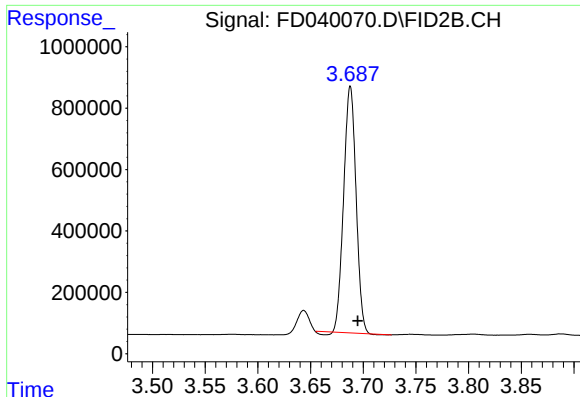
(m)=manual int.

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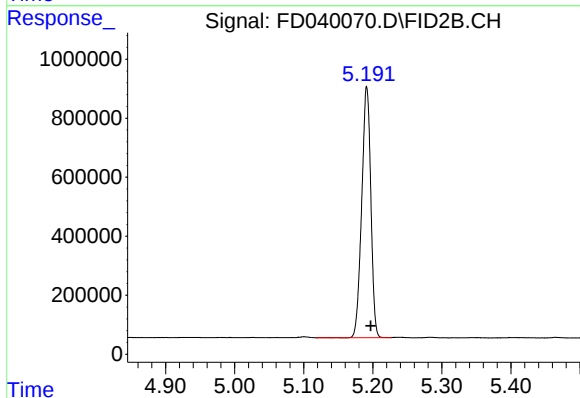
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Signal Info : 20M x 0.18mm x 0.18µm





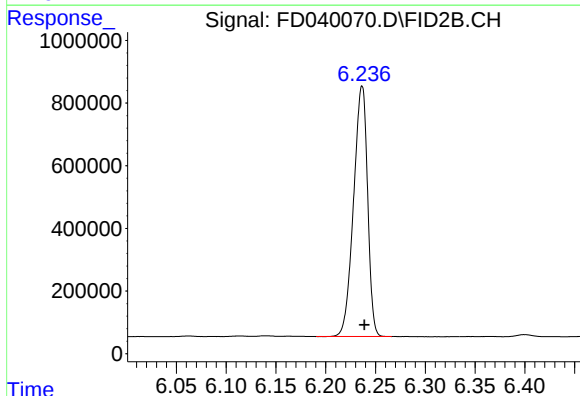
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.688 min
Delta R.T.: -0.007 min
Response: 6547518
Conc: 45.21 ug/ml



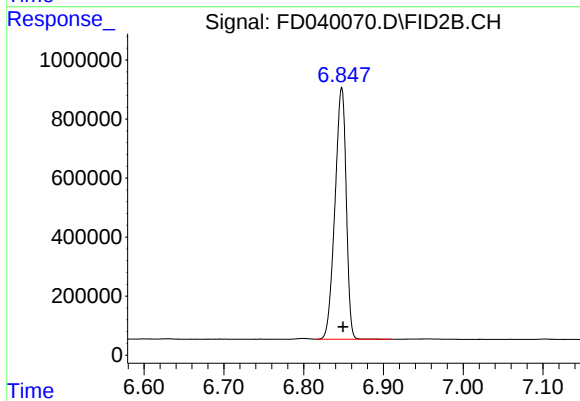
#2 Naphthalene (C11.7)

R.T.: 5.191 min
Delta R.T.: -0.006 min
Response: 7780952
Conc: 51.44 ug/ml



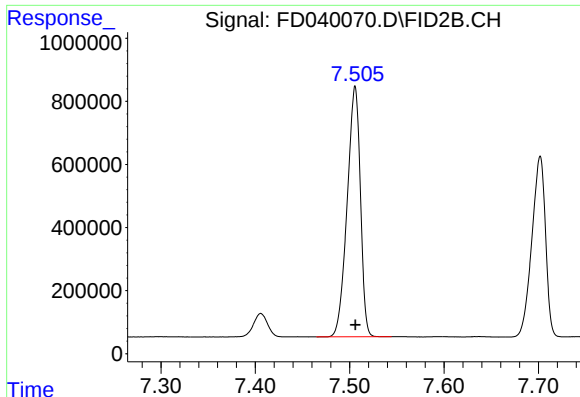
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 7838389
Conc: 51.68 ug/ml



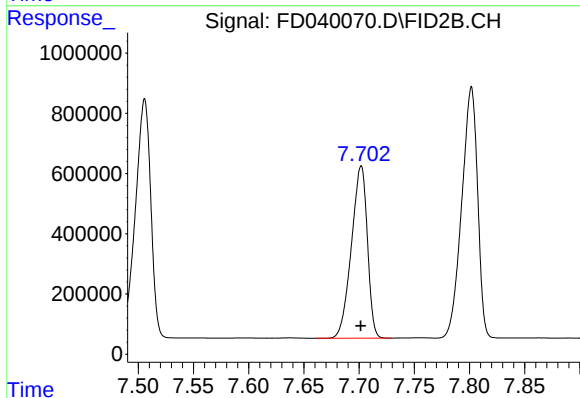
#4 2-Bromonaphthalene (SURR)

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 8359651
Conc: 62.64 ug/ml



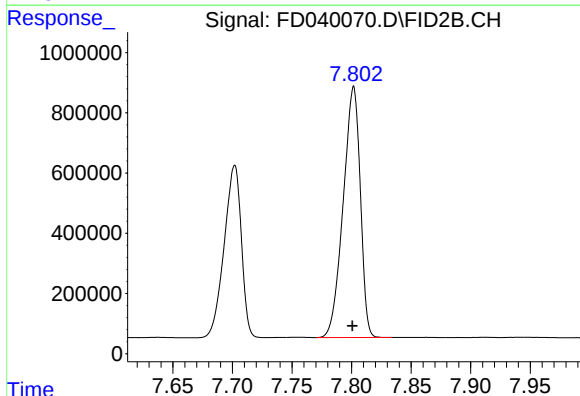
#5 Acenaphthylene (C15.06)

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 7735954
Conc: 56.08 ug/ml



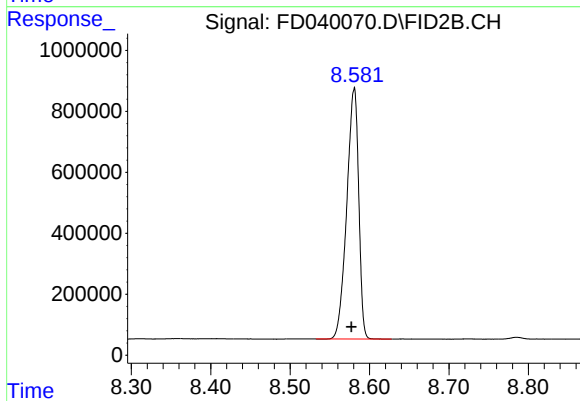
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.702 min
Delta R.T.: 0.000 min
Response: 5759023
Conc: 64.00 ug/ml



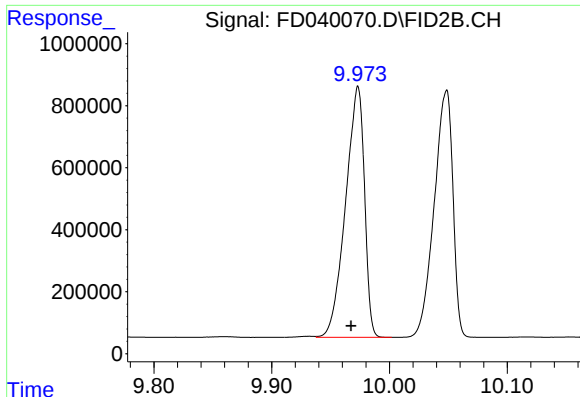
#7 Acenaphthene (C15.5)

R.T.: 7.802 min
Delta R.T.: 0.001 min
Response: 8340214
Conc: 57.03 ug/ml



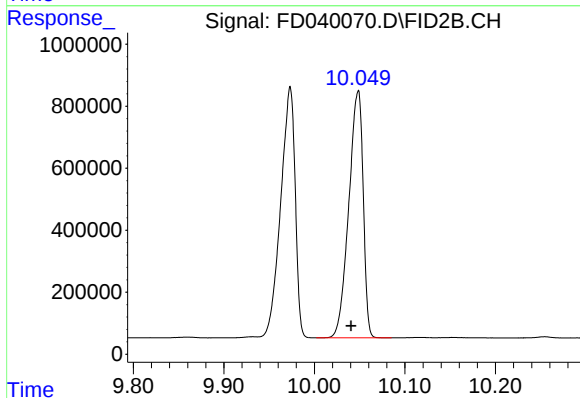
#8 Fluorene (C16.55)

R.T.: 8.581 min
Delta R.T.: 0.004 min
Response: 8605617
Conc: 59.94 ug/ml



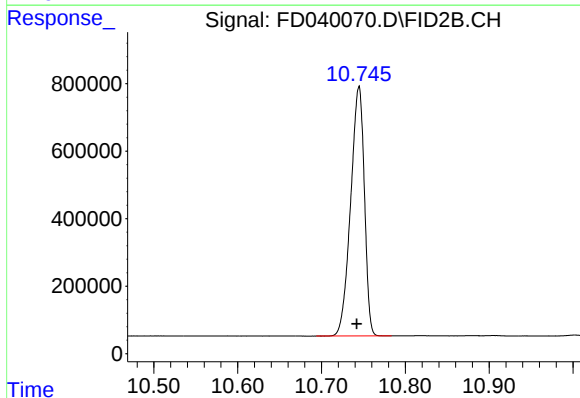
#9 Phenanthrene (C19.36)

R.T.: 9.973 min
Delta R.T.: 0.006 min
Response: 9036181
Conc: 64.76 ug/ml



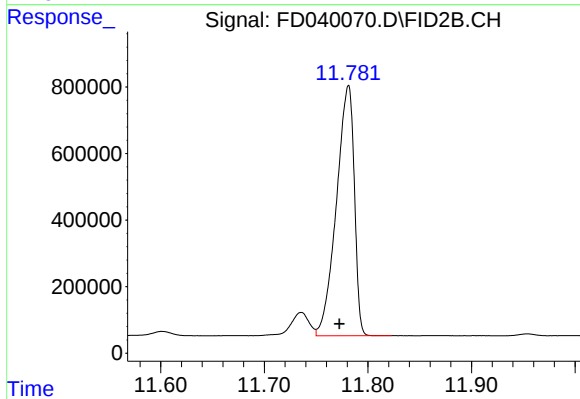
#10 Anthracene (C19.43)

R.T.: 10.049 min
Delta R.T.: 0.008 min
Response: 8803165
Conc: 65.68 ug/ml



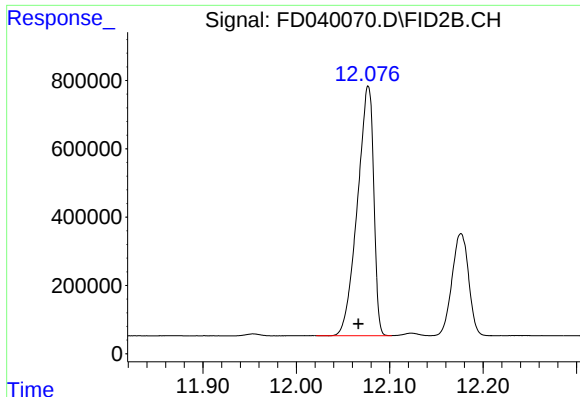
#11 ortho-Terphenyl (SURR)

R.T.: 10.745 min
Delta R.T.: 0.003 min
Response: 8413341
Conc: 61.14 ug/ml



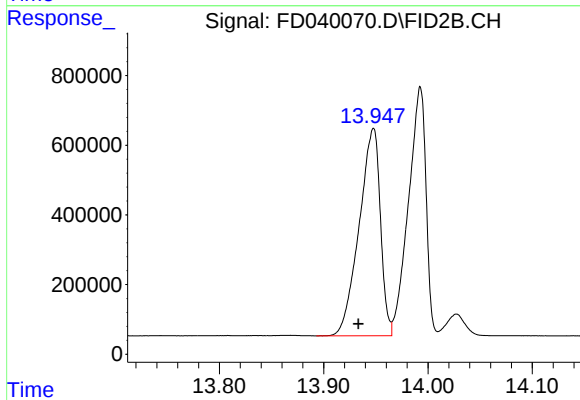
#12 Fluoranthene (C21.85)

R.T.: 11.781 min
Delta R.T.: 0.009 min
Response: 9032627
Conc: 66.64 ug/ml



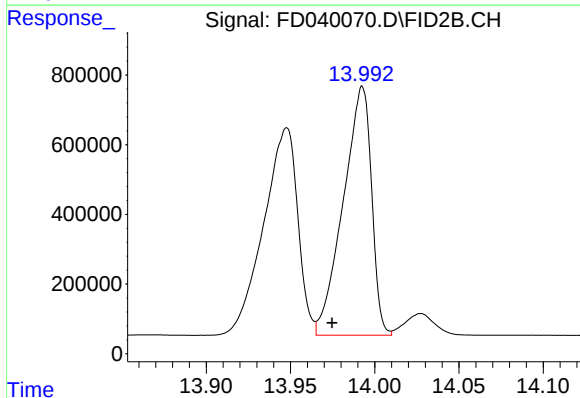
#13 Pyrene (C20.8)

R.T.: 12.077 min
Delta R.T.: 0.010 min
Response: 8868498
Conc: 67.41 ug/ml



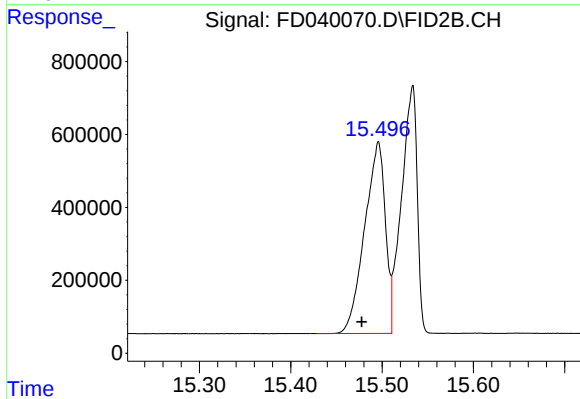
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.948 min
Delta R.T.: 0.014 min
Response: 8433189
Conc: 69.88 ug/ml



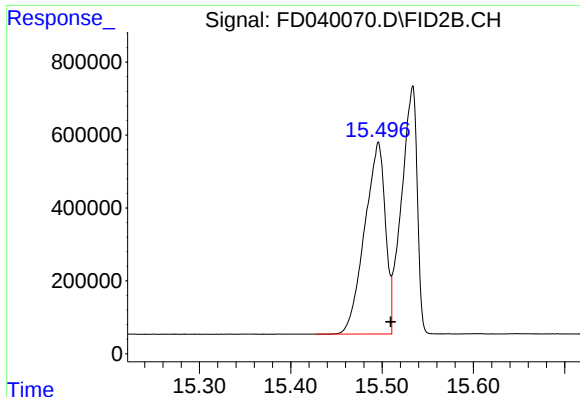
#15 Chrysene (C27.41)

R.T.: 13.993 min
Delta R.T.: 0.018 min
Response: 8364188
Conc: 66.42 ug/ml



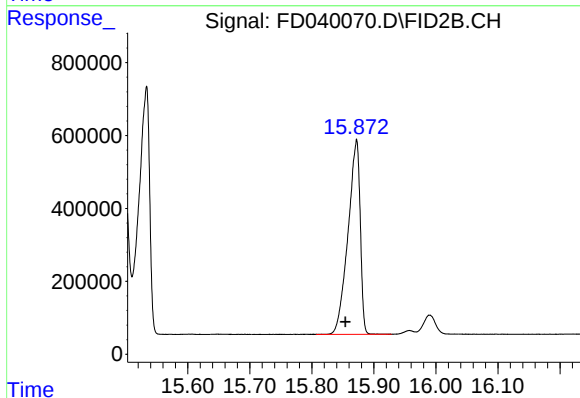
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.496 min
Delta R.T.: 0.018 min
Response: 8265994
Conc: 67.14 ug/ml



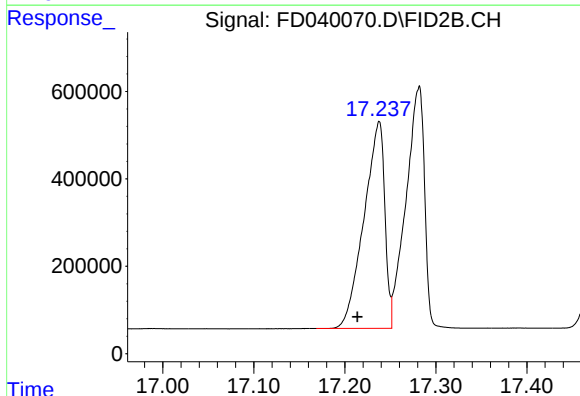
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.496 min
Delta R.T.: -0.013 min
Response: 8265994
Conc: 67.80 ug/ml



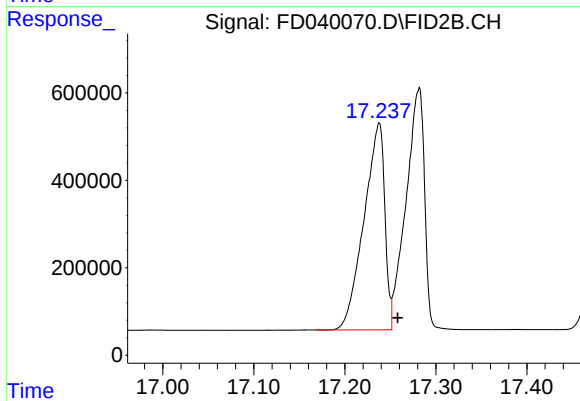
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.872 min
Delta R.T.: 0.018 min
Response: 7270952
Conc: 60.36 ug/ml



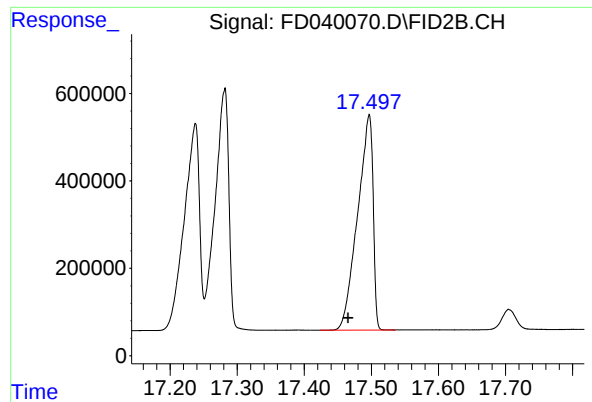
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.238 min
Delta R.T.: 0.024 min
Response: 7513476
Conc: 63.65 ug/ml



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

R.T.: 17.238 min
Delta R.T.: -0.021 min
Response: 7513476
Conc: 64.83 ug/ml



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

R.T.: 17.497 min
Delta R.T.: 0.031 min
Response: 7874359
Conc: 65.24 ug/ml