

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040069.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 2:15
 Operator : AJ\MA
 Sample : PB141508BS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 03:21:45 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...	6.853	8201507	61.454 ug/ml
Spiked Amount 50.000		Recovery =	122.91%
6) S 2-Fluorobiphenyl (SURR)	7.707	5659201	62.894 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	125.79%
11) S ortho-Terphenyl (SURR)	10.748	8262375	60.042 ug/ml
Spiked Amount 50.000		Recovery =	120.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.695	6320589	43.638 ug/ml
2) T Naphthalene (C11.7)	5.198	7651705	50.586 ug/ml
3) T 2-Methylnaphthalene (...)	6.243	7713789	50.861 ug/ml
5) T Acenaphthylene (C15.06)	7.511	7598361	55.084 ug/ml
7) T Acenaphthene (C15.5)	7.807	8193089	56.028 ug/ml
8) T Fluorene (C16.55)	8.585	8458827	58.915 ug/ml
9) T Phenanthrene (C19.36)	9.976	8912057	63.867 ug/ml
10) T Anthracene (C19.43)	10.052	8655462	64.577 ug/ml
12) T Fluoranthene (C21.85)	11.784	8900922	65.673 ug/ml
13) T Pyrene (C20.8)	12.080	8746396	66.486 ug/ml
14) T Benzo[a]anthracene (C...	13.949	8325493	68.992 ug/ml
15) T Chrysene (C27.41)	13.995	8253195	65.537 ug/ml
16) T benzo[b]fluoranthene ...	15.496	8166361	66.331 ug/ml
17) T Bnezo[k]fluoranthene ...	15.496	8166361	66.979 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.874	7190596	59.689 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.239	7436978	63.002 ug/ml
20) T Dibenz[a,h]anthracene...	17.239	7436978	64.169 ug/ml
21) T Benzo[g,h,i]perylene ...	17.497	7791157	64.551 ug/ml

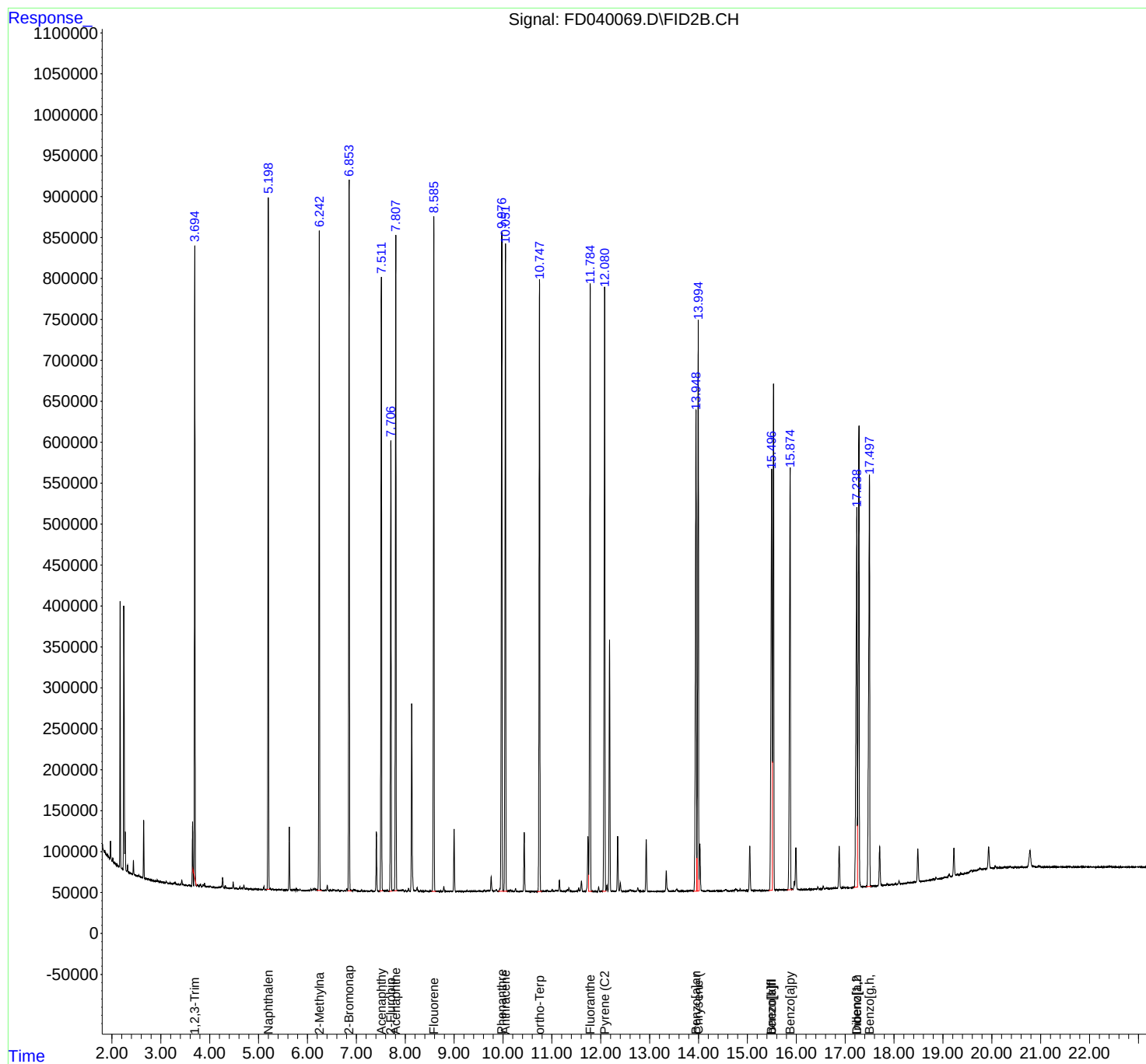
(f)=RT Delta > 1/2 Window

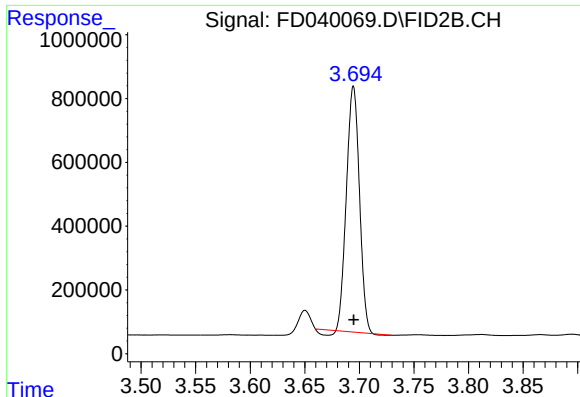
(m)=manual int.

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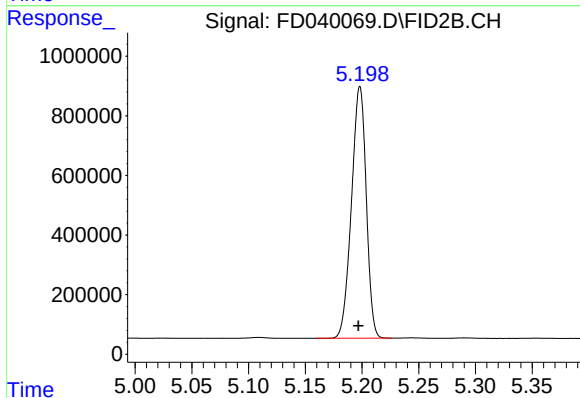
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





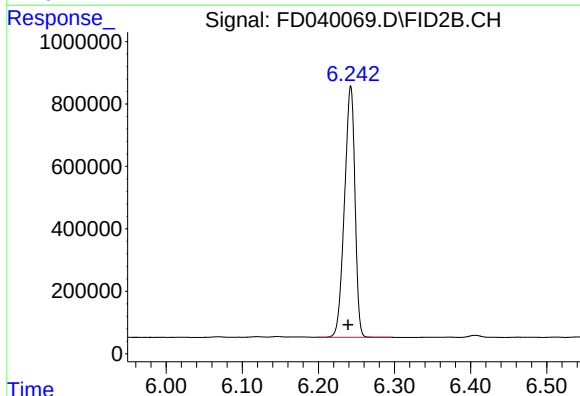
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 6320589
Conc: 43.64 ug/ml



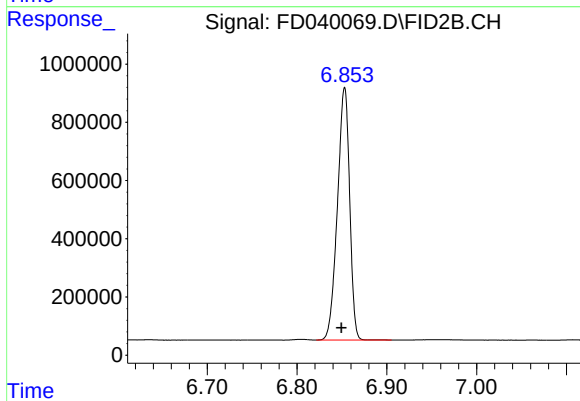
#2 Naphthalene (C11.7)

R.T.: 5.198 min
Delta R.T.: 0.001 min
Response: 7651705
Conc: 50.59 ug/ml



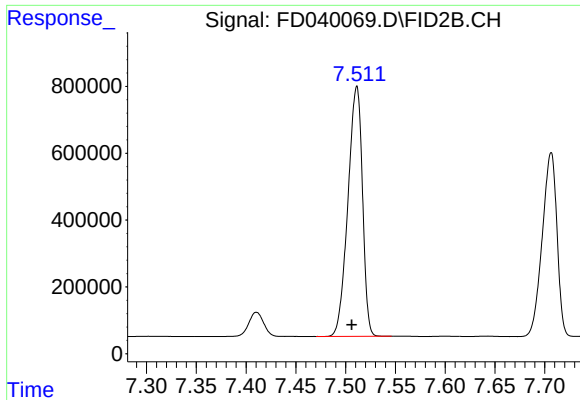
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.243 min
Delta R.T.: 0.004 min
Response: 7713789
Conc: 50.86 ug/ml



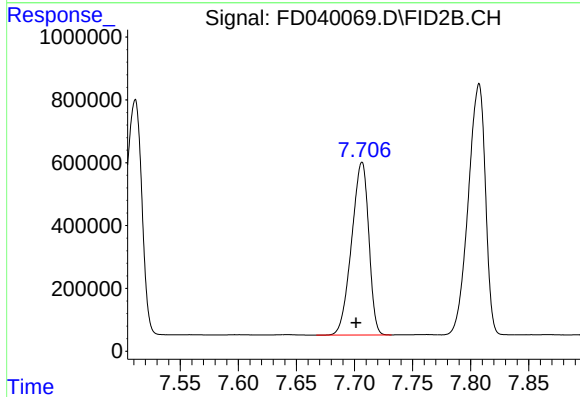
#4 2-Bromonaphthalene (SURR)

R.T.: 6.853 min
Delta R.T.: 0.004 min
Response: 8201507
Conc: 61.45 ug/ml



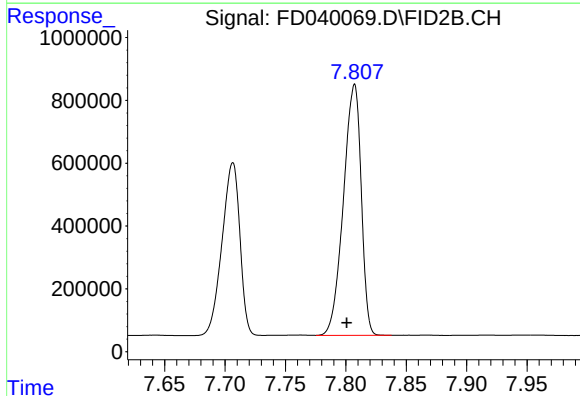
#5 Acenaphthylene (C15.06)

R.T.: 7.511 min
Delta R.T.: 0.005 min
Response: 7598361
Conc: 55.08 ug/ml



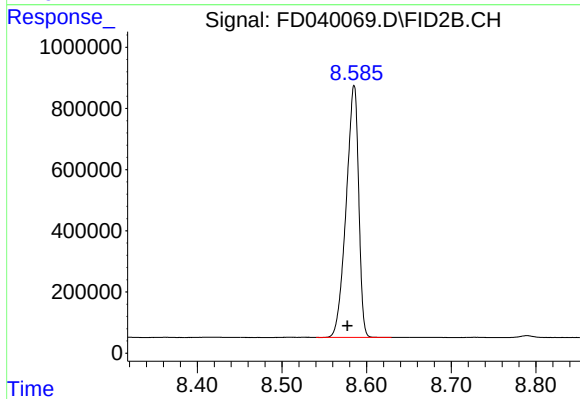
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.707 min
Delta R.T.: 0.005 min
Response: 5659201
Conc: 62.89 ug/ml



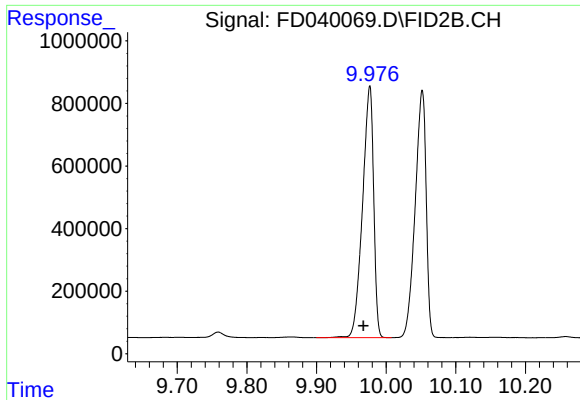
#7 Acenaphthene (C15.5)

R.T.: 7.807 min
Delta R.T.: 0.007 min
Response: 8193089
Conc: 56.03 ug/ml



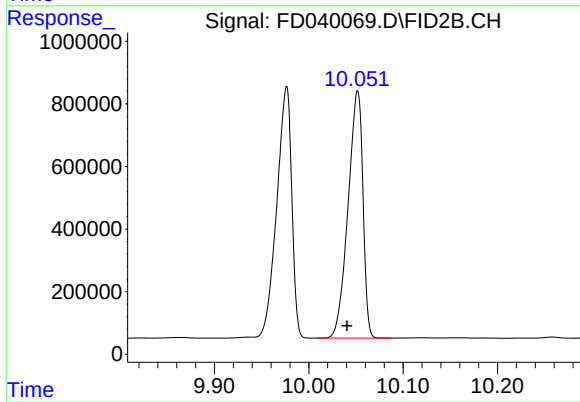
#8 Fluorene (C16.55)

R.T.: 8.585 min
Delta R.T.: 0.008 min
Response: 8458827
Conc: 58.92 ug/ml



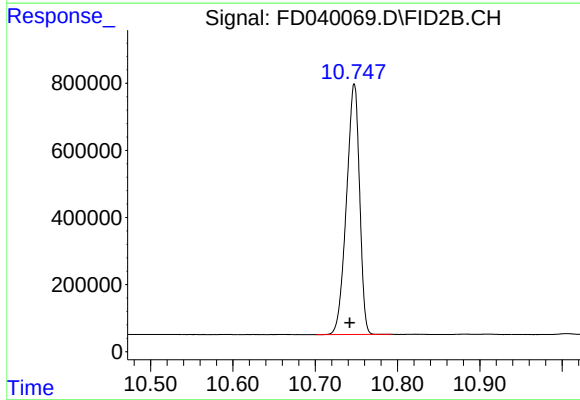
#9 Phenanthrene (C19.36)

R.T.: 9.976 min
Delta R.T.: 0.009 min
Response: 8912057
Conc: 63.87 ug/ml



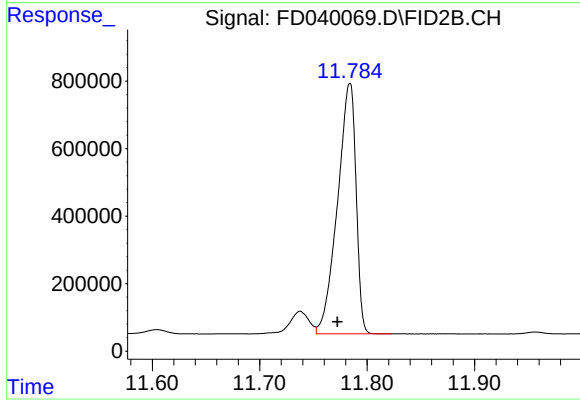
#10 Anthracene (C19.43)

R.T.: 10.052 min
Delta R.T.: 0.011 min
Response: 8655462
Conc: 64.58 ug/ml



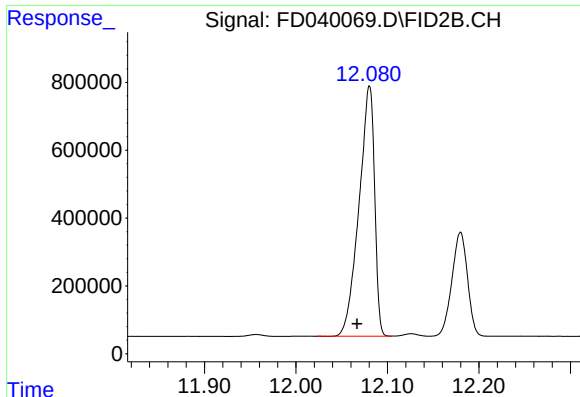
#11 ortho-Terphenyl (SURR)

R.T.: 10.748 min
Delta R.T.: 0.006 min
Response: 8262375
Conc: 60.04 ug/ml



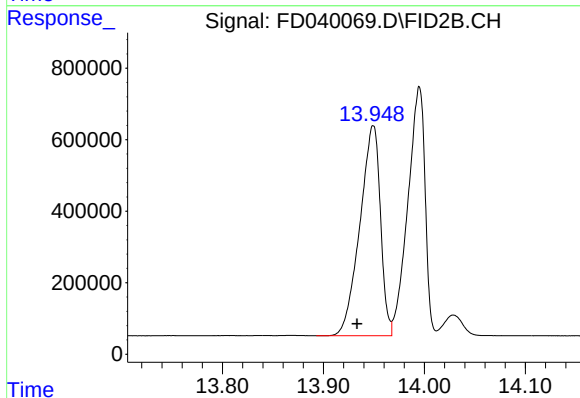
#12 Fluoranthene (C21.85)

R.T.: 11.784 min
Delta R.T.: 0.011 min
Response: 8900922
Conc: 65.67 ug/ml



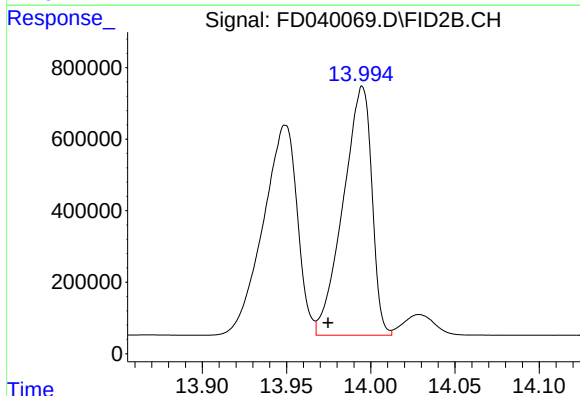
#13 Pyrene (C20.8)

R.T.: 12.080 min
Delta R.T.: 0.014 min
Response: 8746396
Conc: 66.49 ug/ml



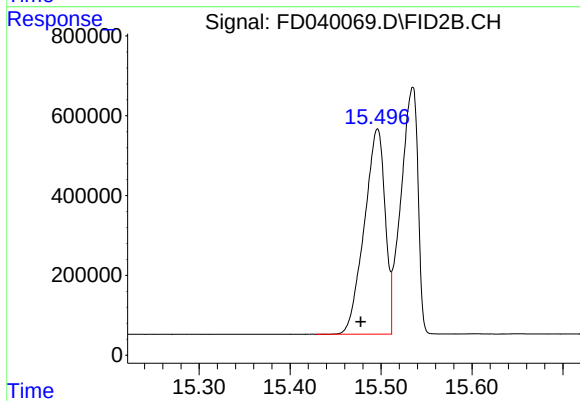
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.949 min
Delta R.T.: 0.016 min
Response: 8325493
Conc: 68.99 ug/ml



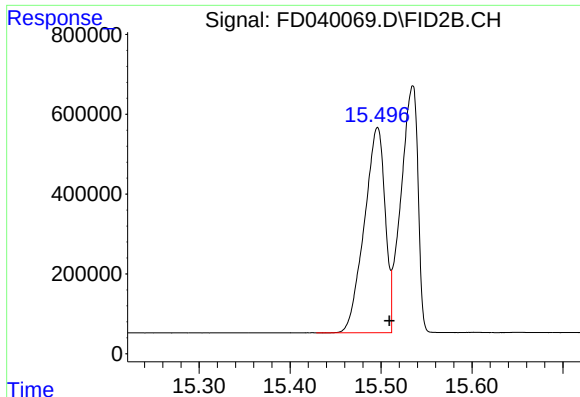
#15 Chrysene (C27.41)

R.T.: 13.995 min
Delta R.T.: 0.020 min
Response: 8253195
Conc: 65.54 ug/ml



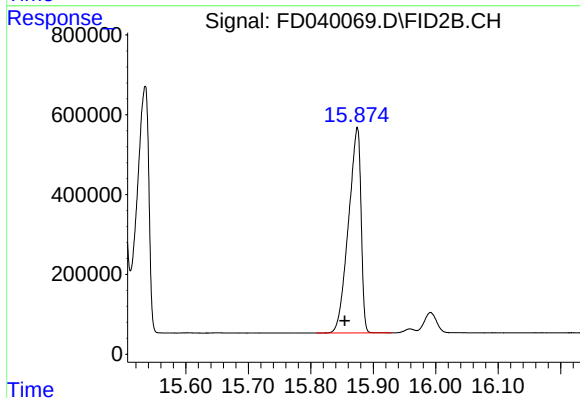
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.496 min
Delta R.T.: 0.018 min
Response: 8166361
Conc: 66.33 ug/ml



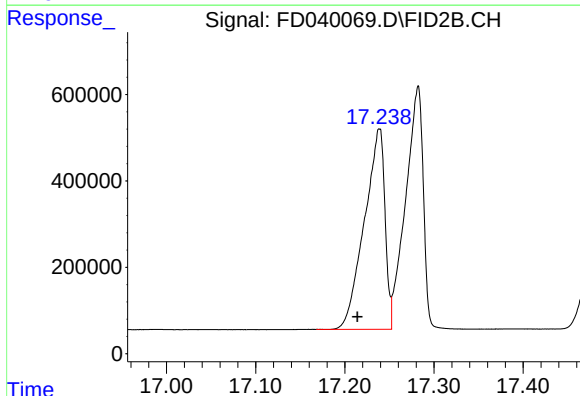
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.496 min
Delta R.T.: -0.013 min
Response: 8166361
Conc: 66.98 ug/ml



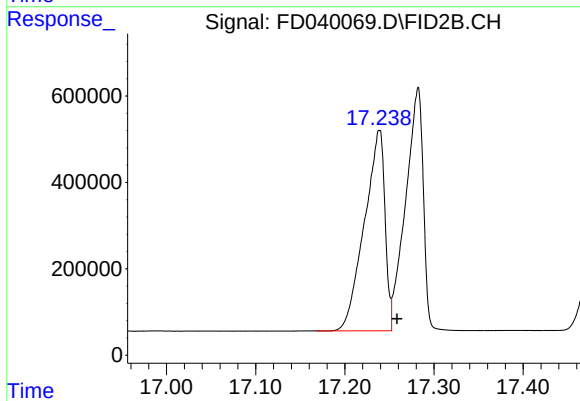
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.874 min
Delta R.T.: 0.020 min
Response: 7190596
Conc: 59.69 ug/ml



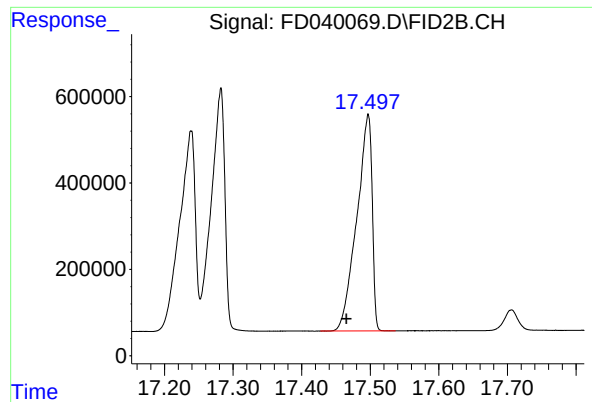
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.239 min
Delta R.T.: 0.025 min
Response: 7436978
Conc: 63.00 ug/ml



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

R.T.: 17.239 min
Delta R.T.: -0.020 min
Response: 7436978
Conc: 64.17 ug/ml



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

R.T.: 17.497 min
Delta R.T.: 0.031 min
Response: 7791157
Conc: 64.55 ug/ml