

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040071.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 4:50
 Operator : AJ\MA
 Sample : M5092-04D
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 05:09:50 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...	6.845	6006954	45.010 ug/ml
Spiked Amount 50.000		Recovery =	90.02%
6) S 2-Fluorobiphenyl (SURR)	7.698	4070519	45.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.48%
11) S ortho-Terphenyl (SURR)	10.742	5646310	41.031 ug/ml
Spiked Amount 50.000		Recovery =	82.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.714	100666	0.695 ug/ml
2) T Naphthalene (C11.7)	5.188	32912	0.218 ug/ml
3) T 2-Methylnaphthalene (...)	6.241	188733	1.244 ug/ml
5) T Acenaphthylene (C15.06)	7.519	319586	2.317 ug/ml
7) T Acenaphthene (C15.5)	7.764	349343	2.389 ug/ml
8) T Fluorene (C16.55)	8.549	40830	0.284 ug/ml
9) T Phenanthrene (C19.36)	9.964	299217	2.144 ug/ml
10) T Anthracene (C19.43)	10.011	362196	2.702 ug/ml
12) T Fluoranthene (C21.85)	11.757	138492	1.022 ug/ml
13) T Pyrene (C20.8)	12.059	68504	0.521 ug/ml
14) T Benzo[a]anthracene (C...	13.905	65097	0.539 ug/ml
15) T Chrysene (C27.41)	13.984	99939	0.794 ug/ml
16) T benzo[b]fluoranthene ...	15.482	153076	1.243 ug/ml
17) T Bnezo[k]fluoranthene ...	15.504	90721	0.744 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.865	3626602	30.105 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.214	3474177	29.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.298	3485195	30.072 ug/ml
21) T Benzo[g,h,i]perylene ...	17.514	7386337	61.197 ug/ml

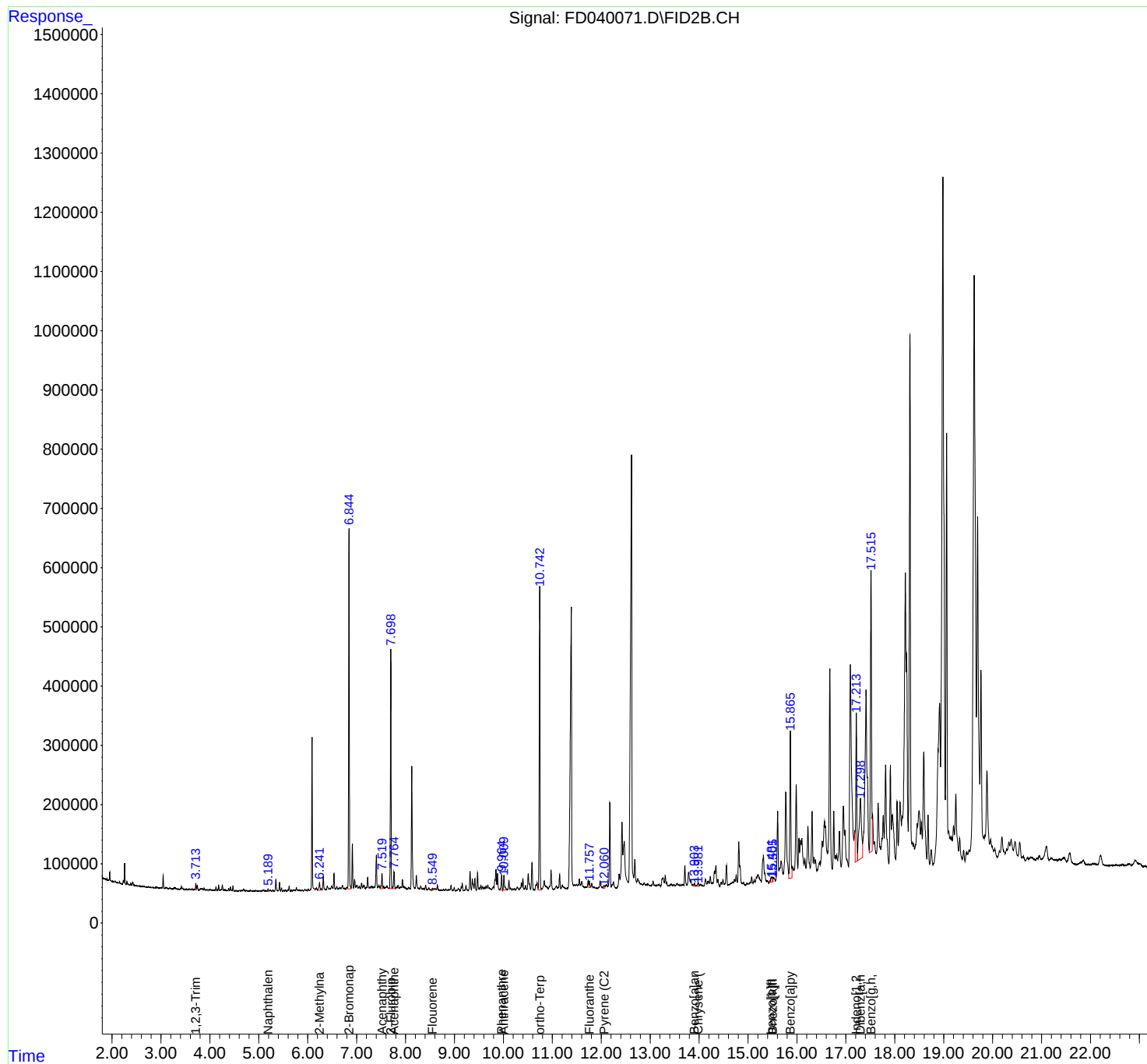
(f)=RT Delta > 1/2 Window

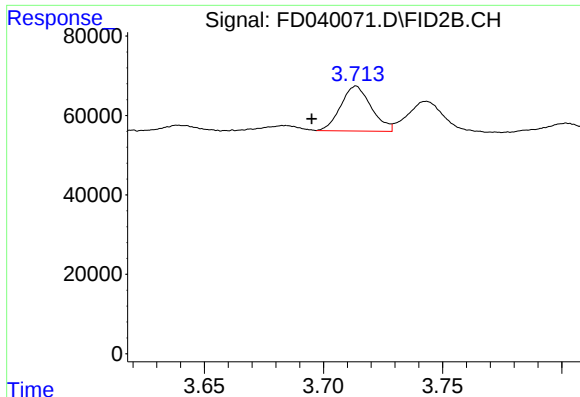
(m)=manual int.

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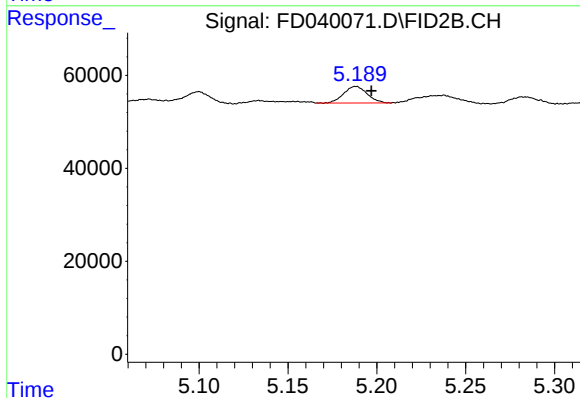
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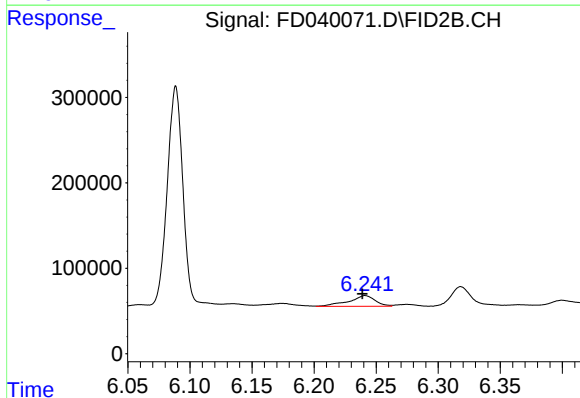
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.714 min
Delta R.T.: 0.019 min
Response: 100666
Conc: 0.70 ug/ml



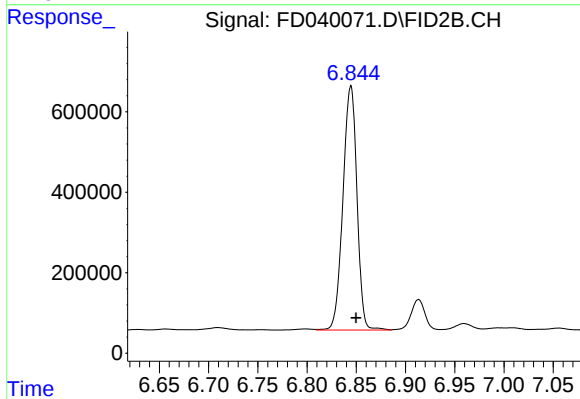
#2 Naphthalene (C11.7)

R.T.: 5.188 min
Delta R.T.: -0.008 min
Response: 32912
Conc: 0.22 ug/ml



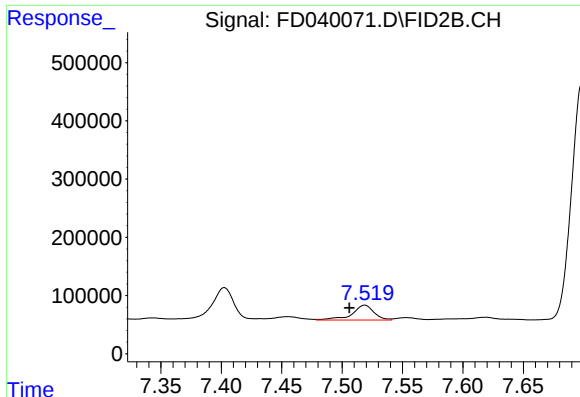
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.241 min
Delta R.T.: 0.002 min
Response: 188733
Conc: 1.24 ug/ml



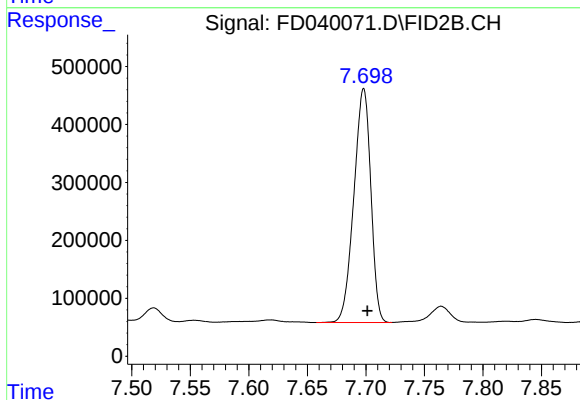
#4 2-Bromonaphthalene (SURR)

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 6006954
Conc: 45.01 ug/ml



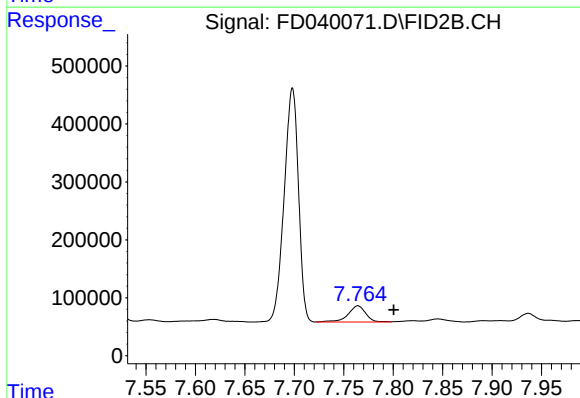
#5 Acenaphthylene (C15.06)

R.T.: 7.519 min
Delta R.T.: 0.013 min
Response: 319586
Conc: 2.32 ug/ml



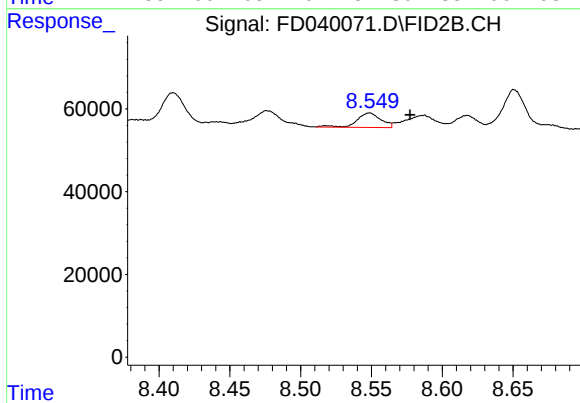
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 4070519
Conc: 45.24 ug/ml



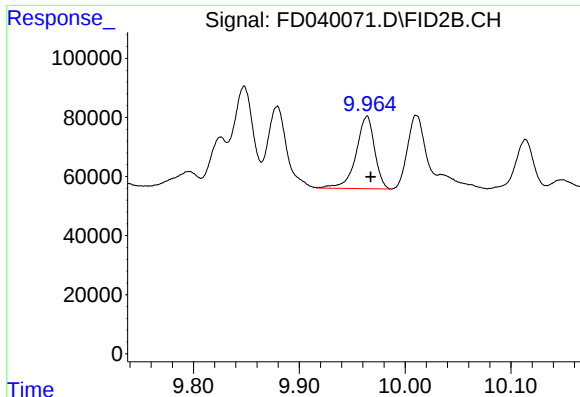
#7 Acenaphthene (C15.5)

R.T.: 7.764 min
Delta R.T.: -0.036 min
Response: 349343
Conc: 2.39 ug/ml



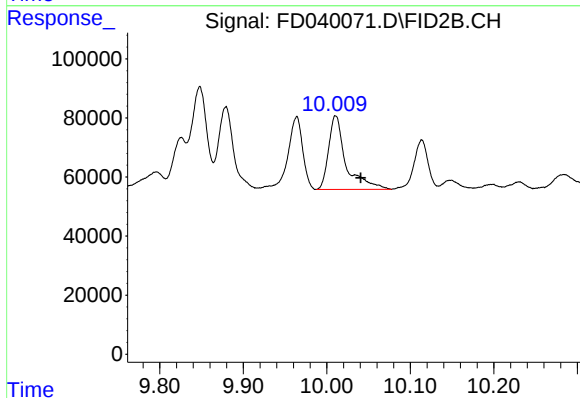
#8 Fluorene (C16.55)

R.T.: 8.549 min
Delta R.T.: -0.029 min
Response: 40830
Conc: 0.28 ug/ml



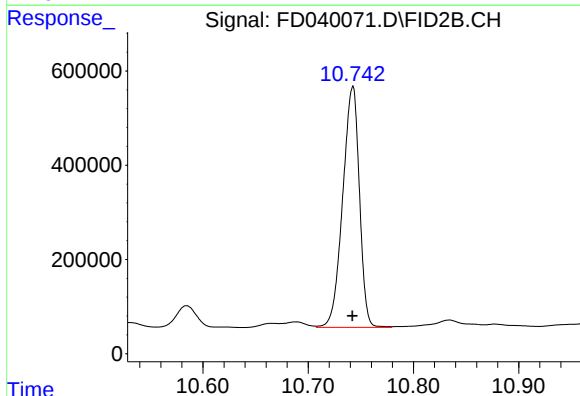
#9 Phenanthrene (C19.36)

R.T.: 9.964 min
Delta R.T.: -0.004 min
Response: 299217
Conc: 2.14 ug/ml



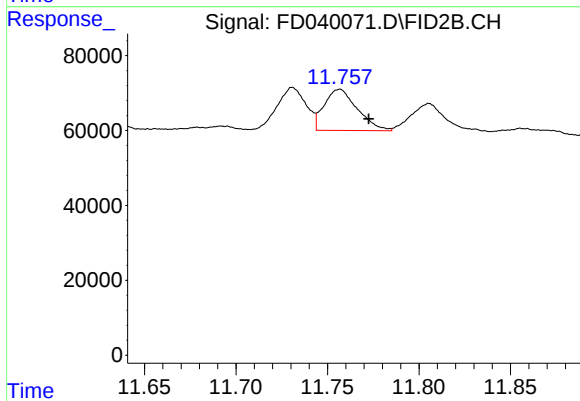
#10 Anthracene (C19.43)

R.T.: 10.011 min
Delta R.T.: -0.030 min
Response: 362196
Conc: 2.70 ug/ml



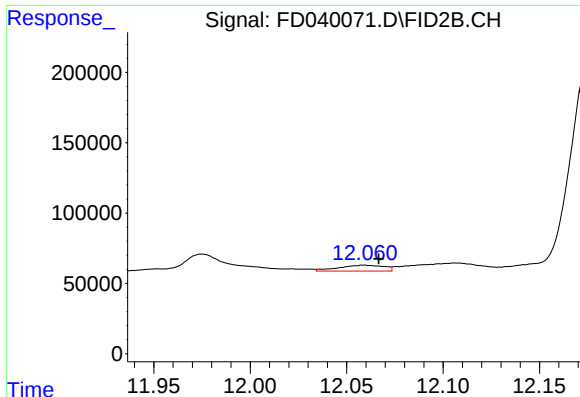
#11 ortho-Terphenyl (SURR)

R.T.: 10.742 min
Delta R.T.: 0.000 min
Response: 5646310
Conc: 41.03 ug/ml



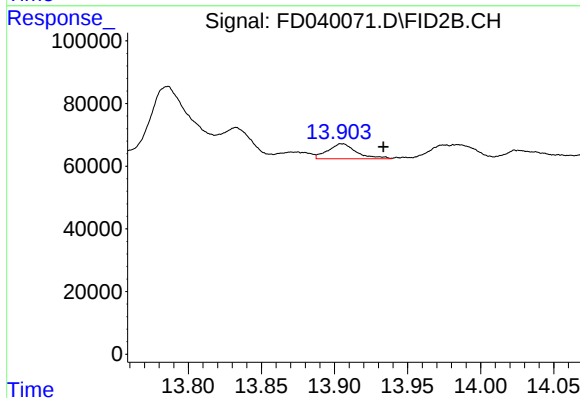
#12 Fluoranthene (C21.85)

R.T.: 11.757 min
Delta R.T.: -0.016 min
Response: 138492
Conc: 1.02 ug/ml



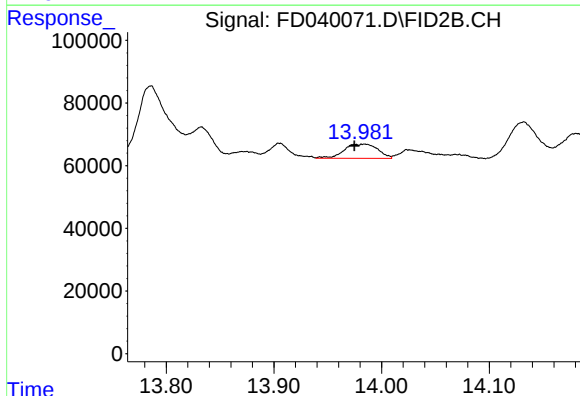
#13 Pyrene (C20.8)

R.T.: 12.059 min
Delta R.T.: -0.008 min
Response: 68504
Conc: 0.52 ug/ml



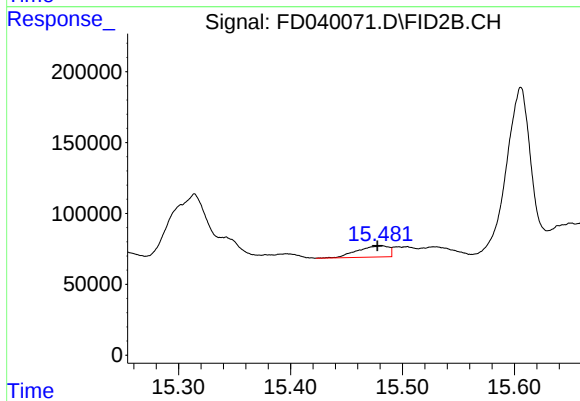
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.905 min
Delta R.T.: -0.028 min
Response: 65097
Conc: 0.54 ug/ml



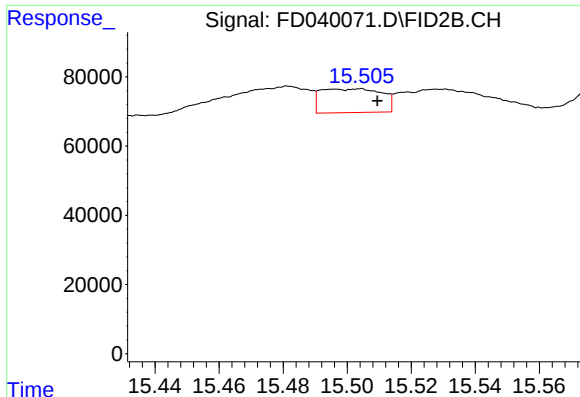
#15 Chrysene (C27.41)

R.T.: 13.984 min
Delta R.T.: 0.010 min
Response: 99939
Conc: 0.79 ug/ml



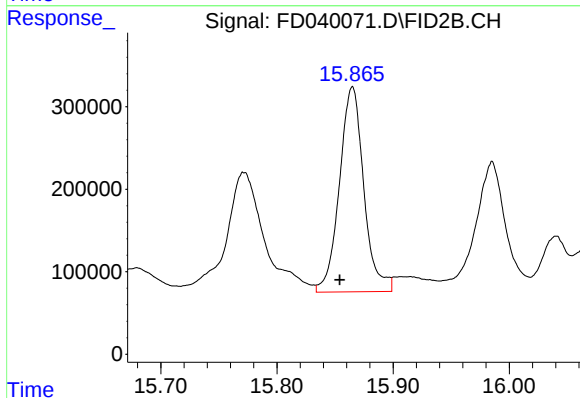
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.482 min
Delta R.T.: 0.004 min
Response: 153076
Conc: 1.24 ug/ml



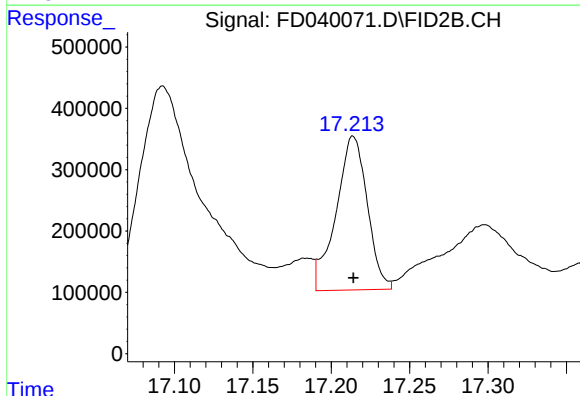
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.504 min
Delta R.T.: -0.006 min
Response: 90721
Conc: 0.74 ug/ml



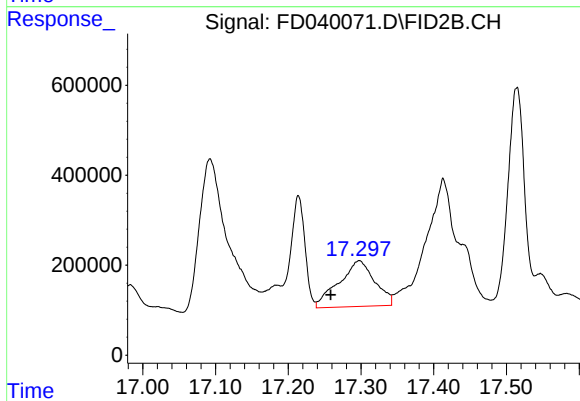
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.865 min
Delta R.T.: 0.011 min
Response: 3626602
Conc: 30.10 ug/ml



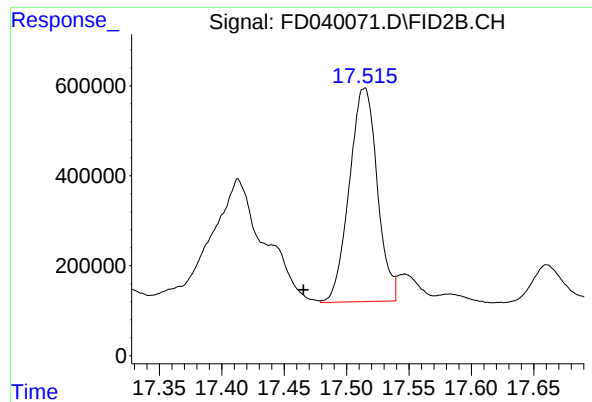
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.214 min
Delta R.T.: 0.000 min
Response: 3474177
Conc: 29.43 ug/ml



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

R.T.: 17.298 min
Delta R.T.: 0.040 min
Response: 3485195
Conc: 30.07 ug/ml



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

R.T.: 17.514 min
Delta R.T.: 0.049 min
Response: 7386337
Conc: 61.20 ug/ml