

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040076.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 7:33
 Operator : AJ\MA
 Sample : M5142-01D
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 08:09:13 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...	6.852	7116004	53.320 ug/ml
Spiked Amount 50.000		Recovery =	106.64%
6) S 2-Fluorobiphenyl (SURR)	7.705	4879117	54.225 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.45%
11) S ortho-Terphenyl (SURR)	10.745	5677367	41.257 ug/ml
Spiked Amount 50.000		Recovery =	82.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.693	150333	1.038 ug/ml
2) T Naphthalene (C11.7)	5.196	87585	0.579 ug/ml
3) T 2-Methylnaphthalene (...)	6.240	62665	0.413 ug/ml
7) T Acenaphthene (C15.5)	7.800	38256	0.262 ug/ml
8) T Flouorene (C16.55)	8.577	104544	0.728 ug/ml
9) T Phenanthrene (C19.36)	9.966	504976	3.619 ug/ml
10) T Anthracene (C19.43)	10.040	116091	0.866 ug/ml
12) T Fluoranthene (C21.85)	11.772	730854	5.392 ug/ml
13) T Pyrene (C20.8)	12.066	671775	5.106 ug/ml
14) T Benzo[a]anthracene (C...	13.933	335792	2.783 ug/ml
15) T Chrysene (C27.41)	13.975	367030	2.914 ug/ml
16) T benzo[b]fluoranthene ...	15.483	491549	3.993 ug/ml
17) T Bnezo[k]fluoranthene ...	15.512	162036	1.329 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.858	320316	2.659 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.219	329390	2.790 ug/ml
20) T Dibenz[a,h]anthracene...	17.267	40477	0.349 ug/ml
21) T Benzo[g,h,i]perylene ...	17.473	258397	2.141 ug/ml

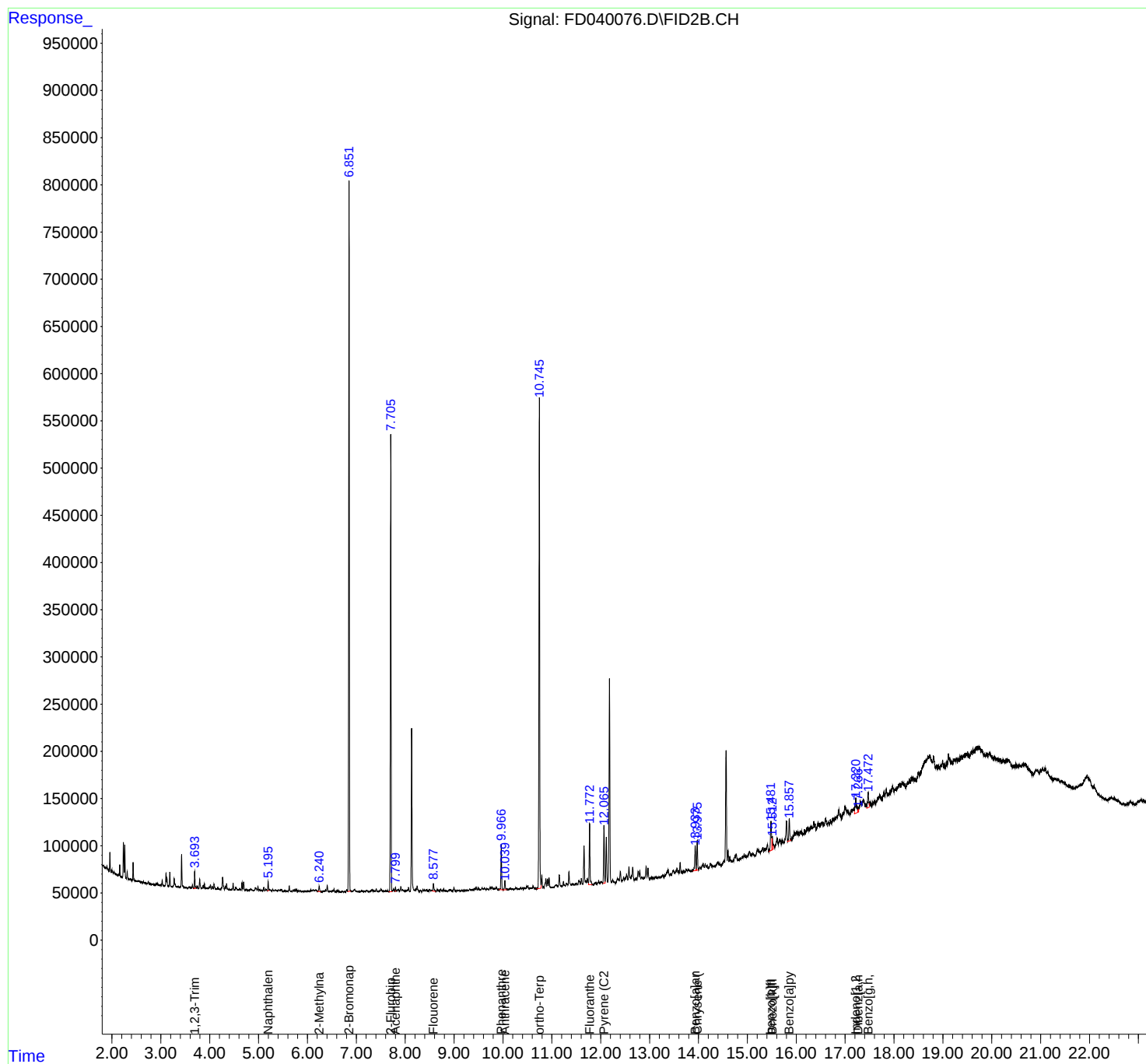
(f)=RT Delta > 1/2 Window

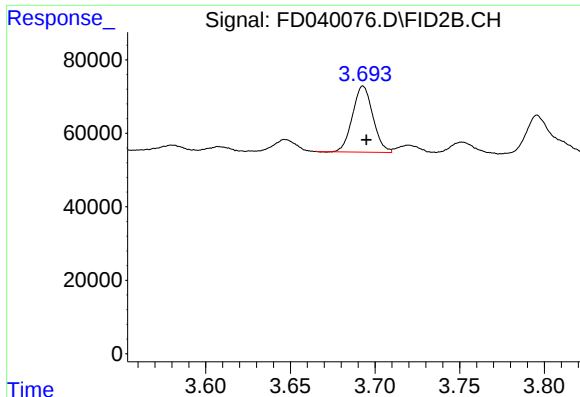
(m)=manual int.

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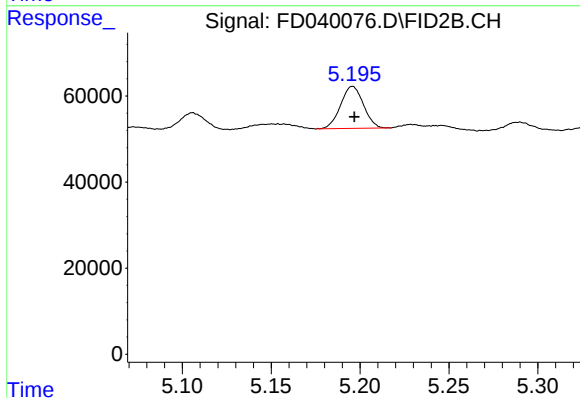
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Signal Info : 20M x 0.18mm x 0.18µm





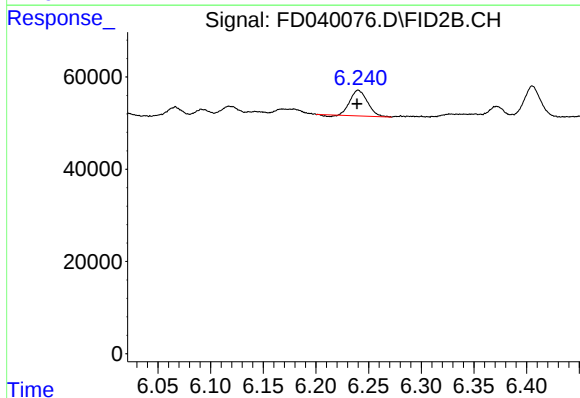
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.693 min
Delta R.T.: -0.002 min
Response: 150333
Conc: 1.04 ug/ml



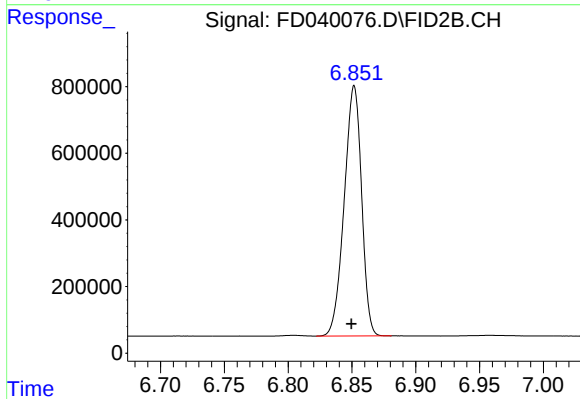
#2 Naphthalene (C11.7)

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 87585
Conc: 0.58 ug/ml



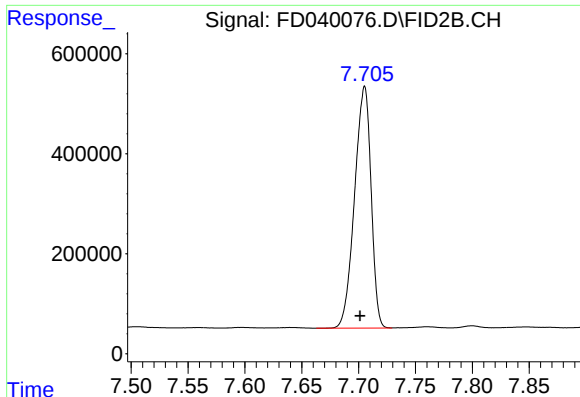
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 62665
Conc: 0.41 ug/ml



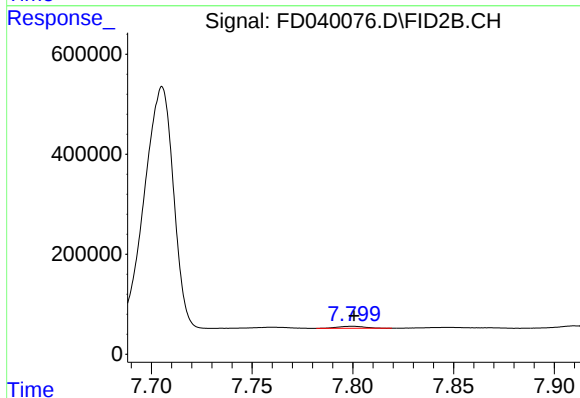
#4 2-Bromonaphthalene (SURR)

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 7116004
Conc: 53.32 ug/ml



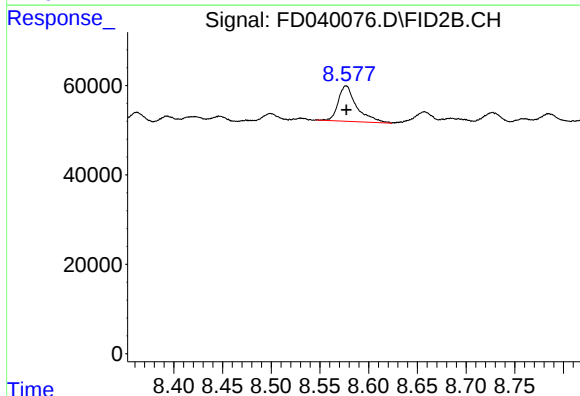
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.705 min
Delta R.T.: 0.004 min
Response: 4879117
Conc: 54.22 ug/ml



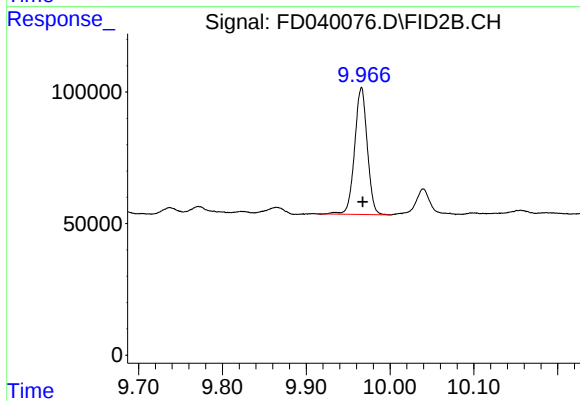
#7 Acenaphthene (C15.5)

R.T.: 7.800 min
Delta R.T.: -0.001 min
Response: 38256
Conc: 0.26 ug/ml



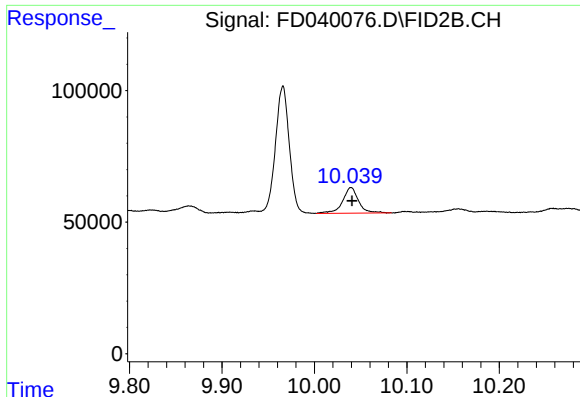
#8 Flouorene (C16.55)

R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 104544
Conc: 0.73 ug/ml



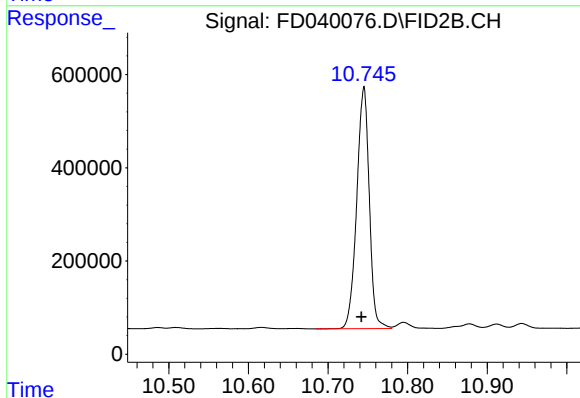
#9 Phenanthrene (C19.36)

R.T.: 9.966 min
Delta R.T.: -0.002 min
Response: 504976
Conc: 3.62 ug/ml



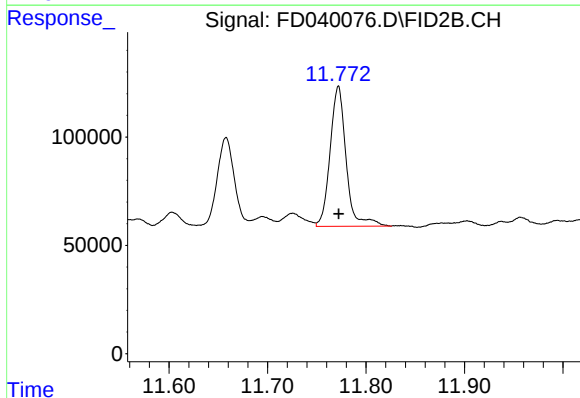
#10 Anthracene (C19.43)

R.T.: 10.040 min
Delta R.T.: -0.001 min
Response: 116091
Conc: 0.87 ug/ml



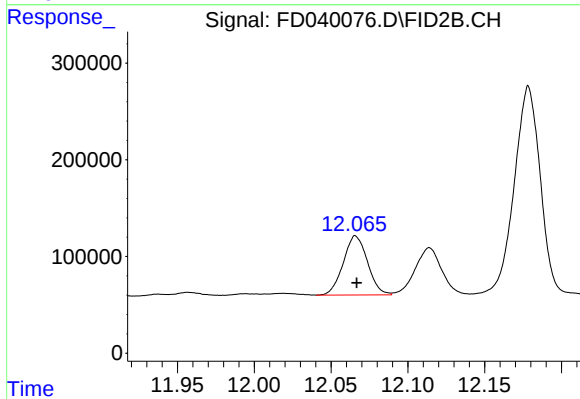
#11 ortho-Terphenyl (SURR)

R.T.: 10.745 min
Delta R.T.: 0.003 min
Response: 5677367
Conc: 41.26 ug/ml



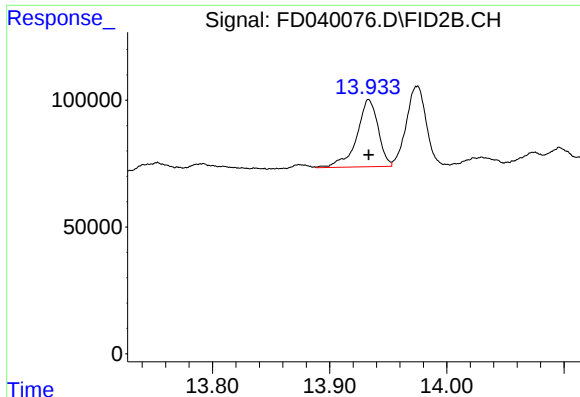
#12 Fluoranthene (C21.85)

R.T.: 11.772 min
Delta R.T.: 0.000 min
Response: 730854
Conc: 5.39 ug/ml



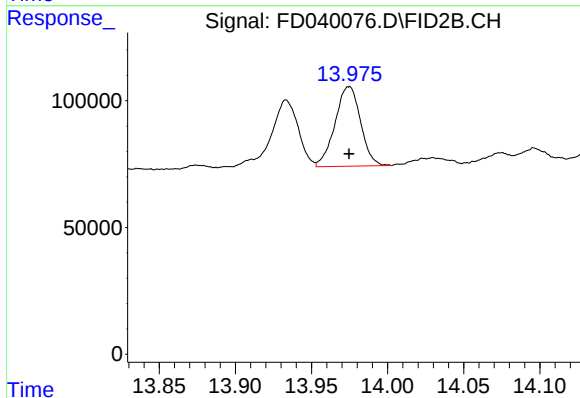
#13 Pyrene (C20.8)

R.T.: 12.066 min
Delta R.T.: 0.000 min
Response: 671775
Conc: 5.11 ug/ml



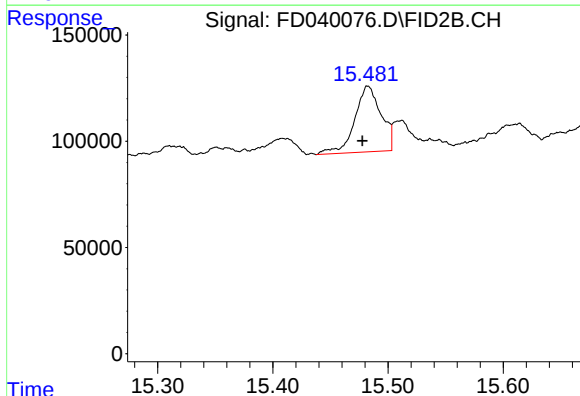
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.933 min
Delta R.T.: 0.000 min
Response: 335792
Conc: 2.78 ug/ml



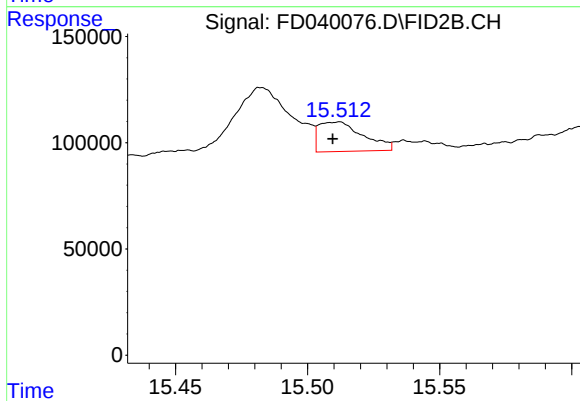
#15 Chrysene (C27.41)

R.T.: 13.975 min
Delta R.T.: 0.000 min
Response: 367030
Conc: 2.91 ug/ml



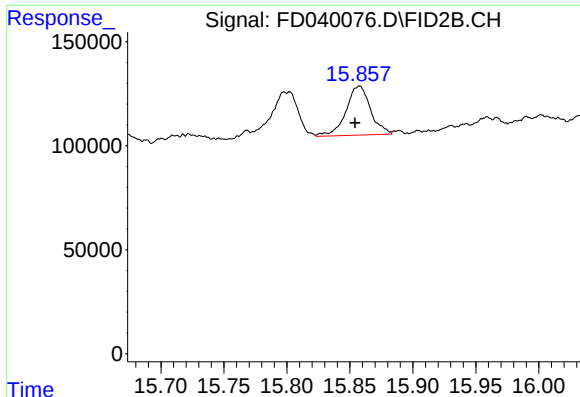
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.483 min
Delta R.T.: 0.005 min
Response: 491549
Conc: 3.99 ug/ml



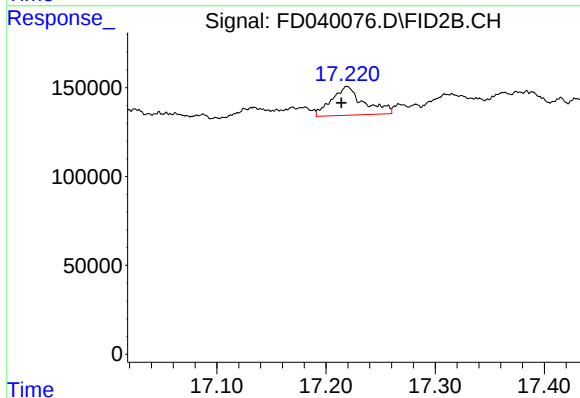
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.512 min
Delta R.T.: 0.002 min
Response: 162036
Conc: 1.33 ug/ml



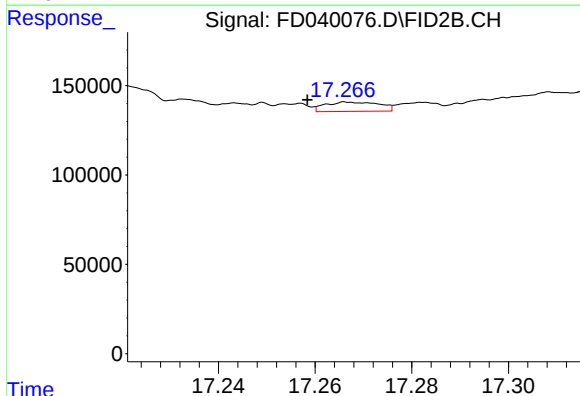
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.858 min
Delta R.T.: 0.003 min
Response: 320316
Conc: 2.66 ug/ml



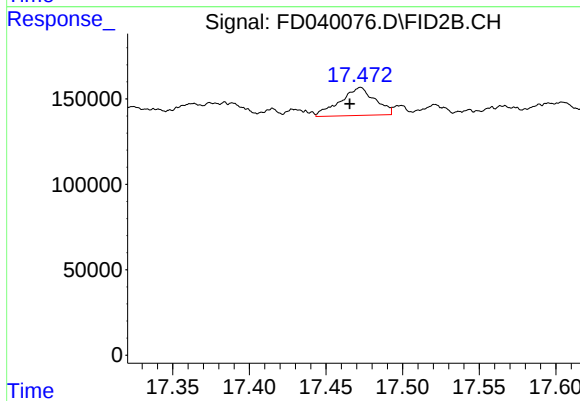
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.219 min
Delta R.T.: 0.005 min
Response: 329390
Conc: 2.79 ug/ml



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

R.T.: 17.267 min
Delta R.T.: 0.009 min
Response: 40477
Conc: 0.35 ug/ml



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

R.T.: 17.473 min
Delta R.T.: 0.007 min
Response: 258397
Conc: 2.14 ug/ml