

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040115.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 1:50
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:10:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:08:59 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...	6.838	681669	4.559 ug/ml
Spiked Amount 50.000		Recovery =	9.12%
6) S 2-Fluorobiphenyl (SURR)	7.689	457604	4.490 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.98%
11) S ortho-Terphenyl (SURR)	10.729	731490	4.610 ug/ml
Spiked Amount 50.000		Recovery =	9.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.686	753767	4.604 ug/ml
2) T Naphthalene (C11.7)	5.186	789227	4.579 ug/ml
3) T 2-Methylnaphthalene (...)	6.228	783629	4.561 ug/ml
5) T Acenaphthylene (C15.06)	7.494	724217	4.409 ug/ml
7) T Acenaphthene (C15.5)	7.787	785694	4.460 ug/ml
8) T Fluorene (C16.55)	8.565	696427	4.368 ug/ml
9) T Phenanthrene (C19.36)	9.953	678153	4.368 ug/ml
10) T Anthracene (C19.43)	10.028	681463	4.419 ug/ml
12) T Fluoranthene (C21.85)	11.757	649340	4.381 ug/ml
13) T Pyrene (C20.8)	12.052	666800	4.360 ug/ml
14) T Benzo[a]anthracene (C...	13.919	569299	4.231 ug/ml
15) T Chrysene (C27.41)	13.959	617210	4.448 ug/ml
16) T benzo[b]fluoranthene ...	15.462	574160	4.419 ug/ml
17) T Bnezo[k]fluoranthene ...	15.493	586199	4.504 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.838	547889	4.430 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.196	524372	4.333 ug/mlm
20) T Dibenz[a,h]anthracene...	17.240	503916	4.045 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.448	531118	4.501 ug/ml

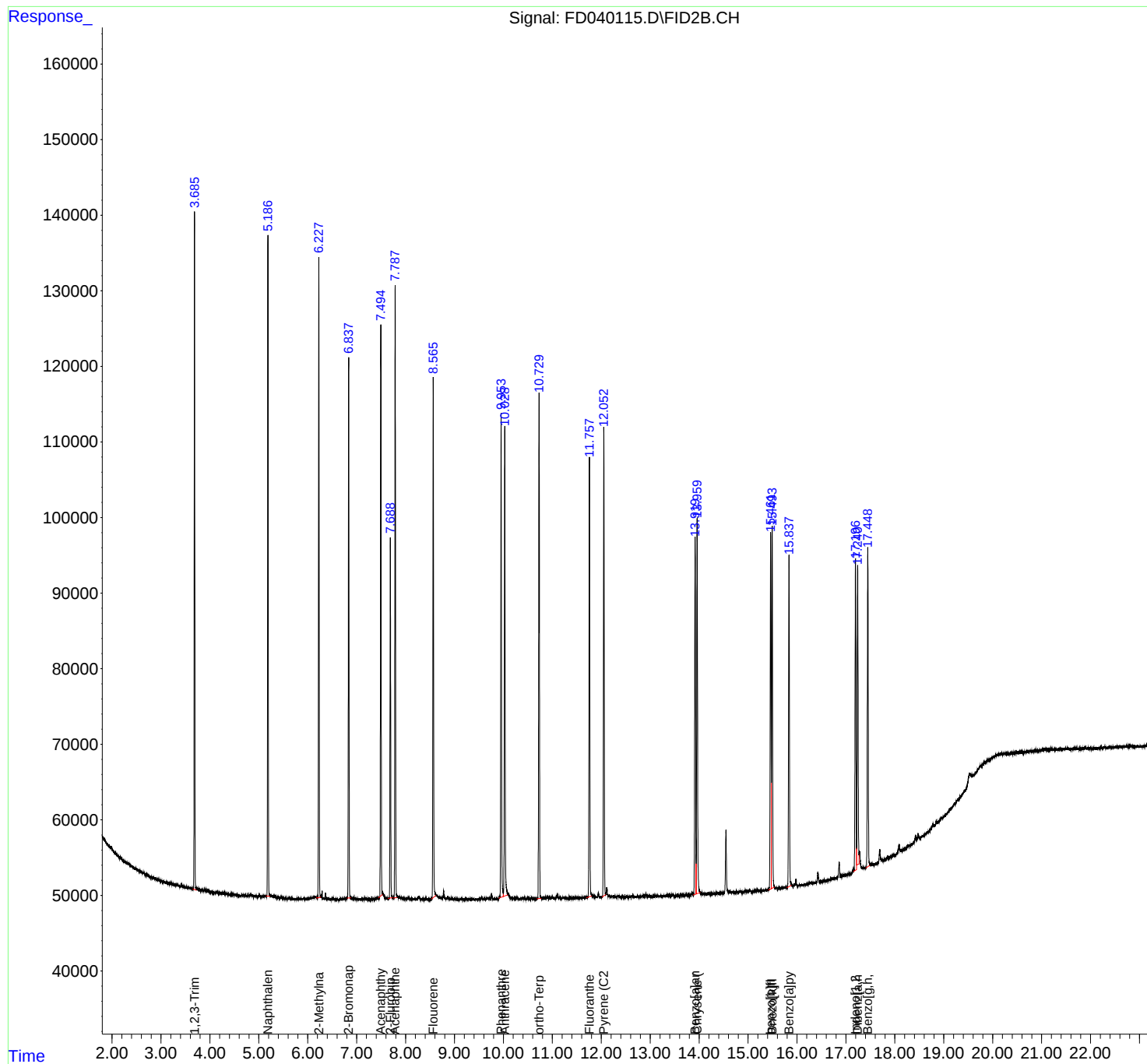
(f)=RT Delta > 1/2 Window

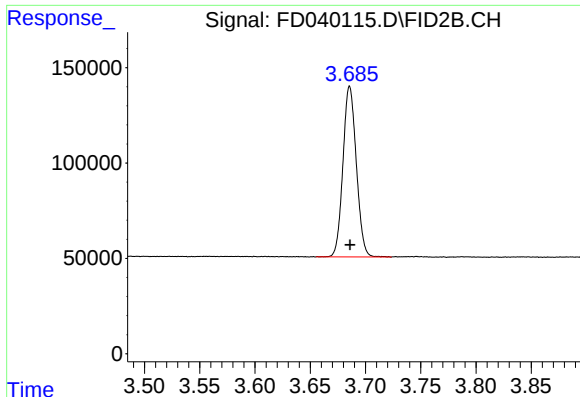
(m)=manual int.

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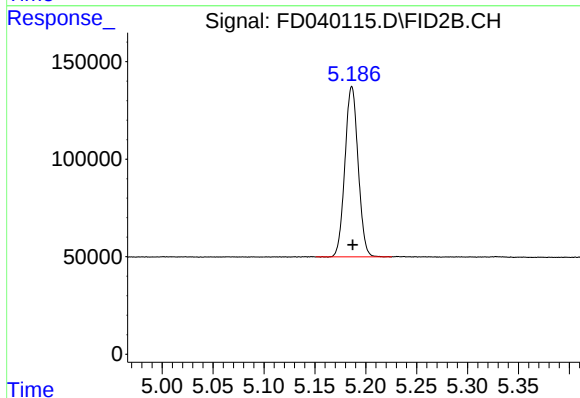
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Signal Info : 20M x 0.18mm x 0.18µm





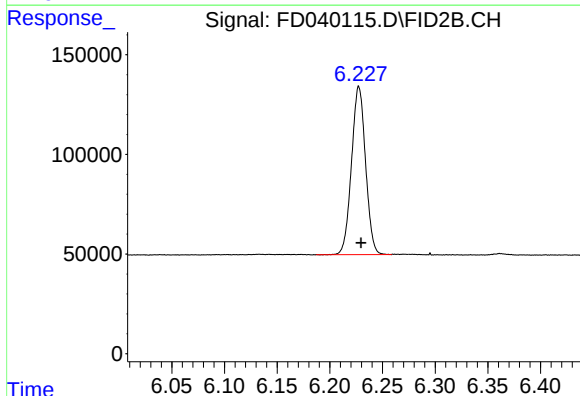
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 753767
Conc: 4.60 ug/ml



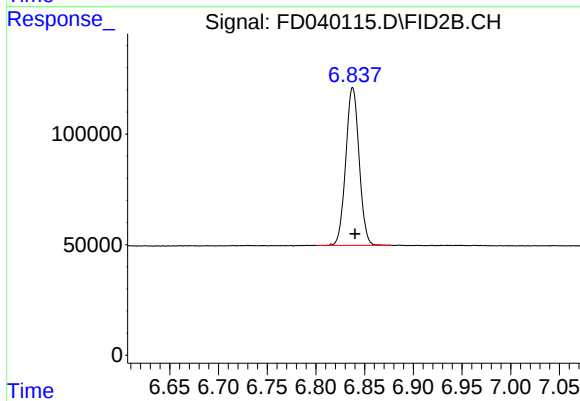
#2 Naphthalene (C11.7)

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 789227
Conc: 4.58 ug/ml



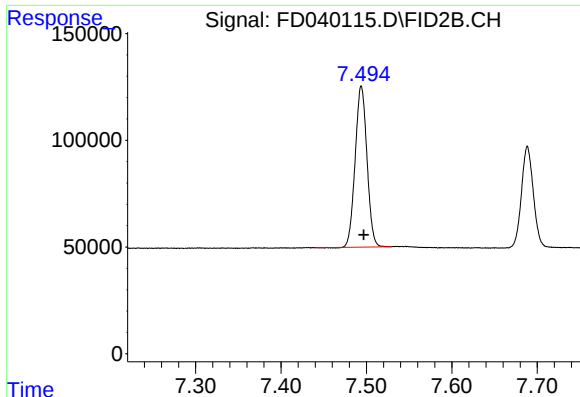
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.228 min
Delta R.T.: -0.002 min
Response: 783629
Conc: 4.56 ug/ml



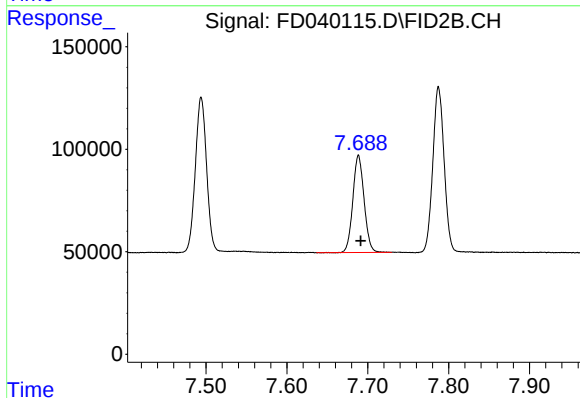
#4 2-Bromonaphthalene (SURR)

R.T.: 6.838 min
Delta R.T.: -0.003 min
Response: 681669
Conc: 4.56 ug/ml



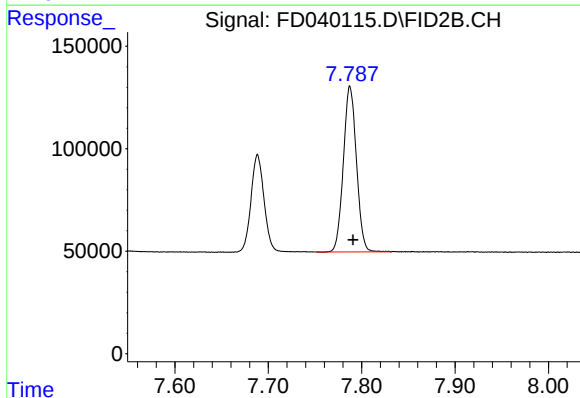
#5 Acenaphthylene (C15.06)

R.T.: 7.494 min
Delta R.T.: -0.003 min
Response: 724217
Conc: 4.41 ug/ml



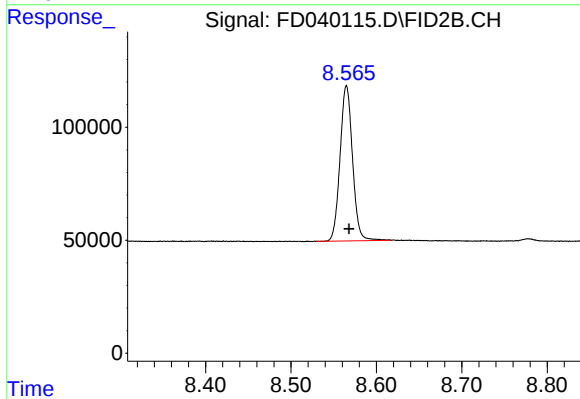
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.689 min
Delta R.T.: -0.003 min
Response: 457604
Conc: 4.49 ug/ml



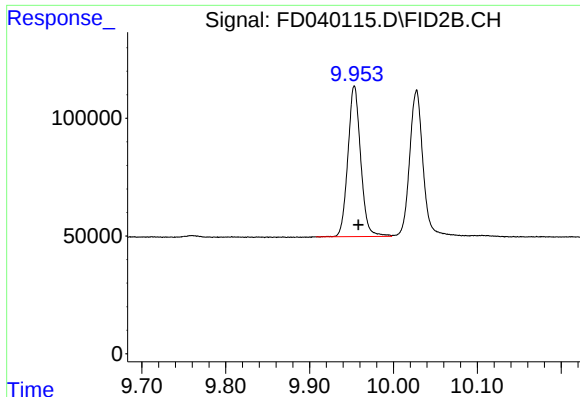
#7 Acenaphthene (C15.5)

R.T.: 7.787 min
Delta R.T.: -0.003 min
Response: 785694
Conc: 4.46 ug/ml



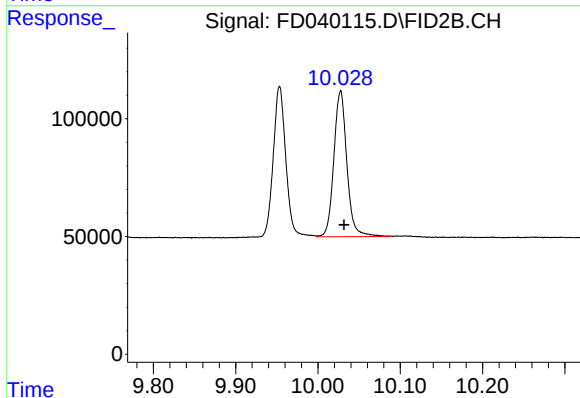
#8 Fluorene (C16.55)

R.T.: 8.565 min
Delta R.T.: -0.003 min
Response: 696427
Conc: 4.37 ug/ml



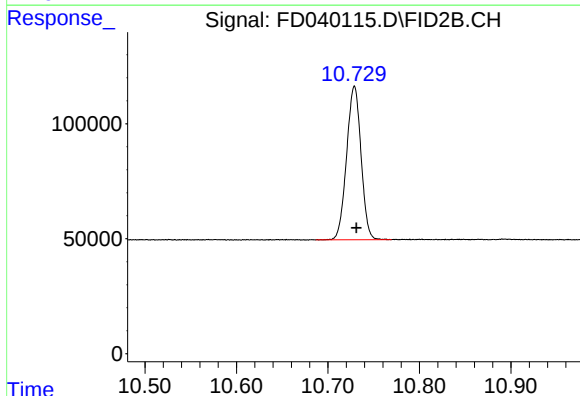
#9 Phenanthrene (C19.36)

R.T.: 9.953 min
Delta R.T.: -0.005 min
Response: 678153
Conc: 4.37 ug/ml



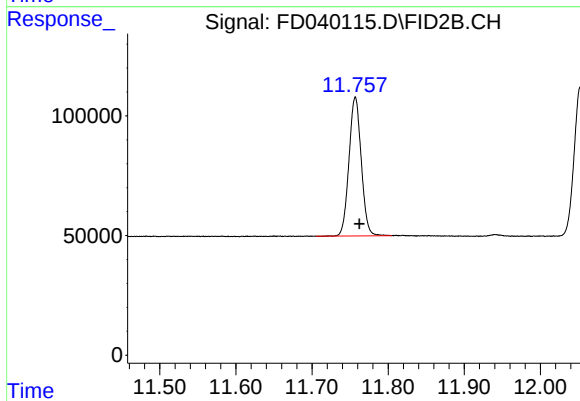
#10 Anthracene (C19.43)

R.T.: 10.028 min
Delta R.T.: -0.004 min
Response: 681463
Conc: 4.42 ug/ml



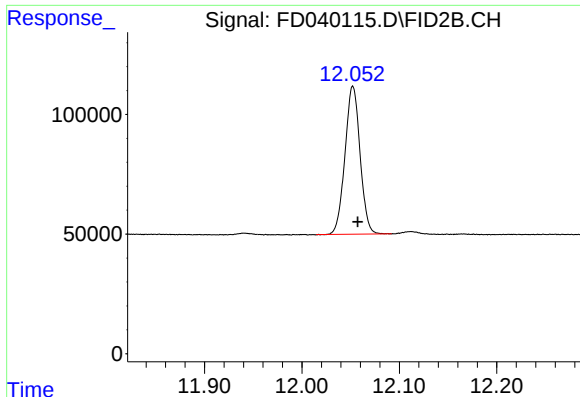
#11 ortho-Terphenyl (SURR)

R.T.: 10.729 min
Delta R.T.: -0.002 min
Response: 731490
Conc: 4.61 ug/ml



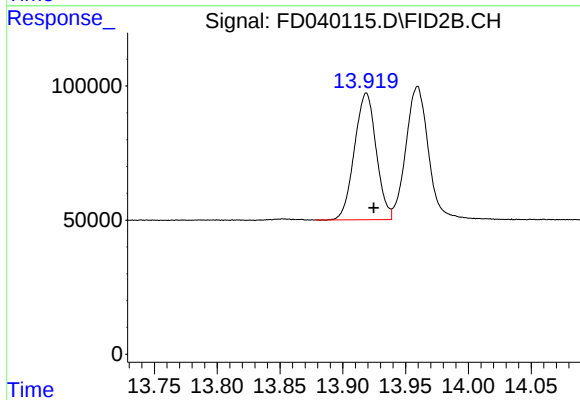
#12 Fluoranthene (C21.85)

R.T.: 11.757 min
Delta R.T.: -0.005 min
Response: 649340
Conc: 4.38 ug/ml



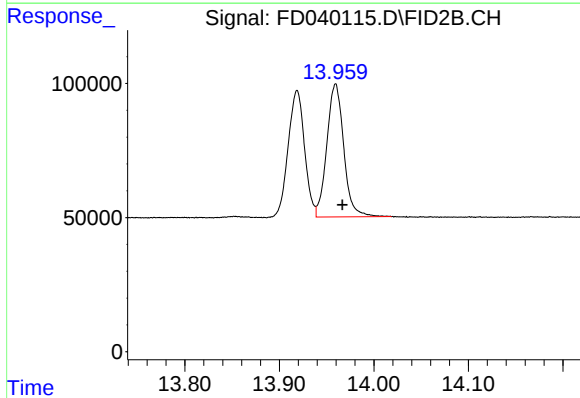
#13 Pyrene (C20.8)

R.T.: 12.052 min
Delta R.T.: -0.005 min
Response: 666800
Conc: 4.36 ug/ml



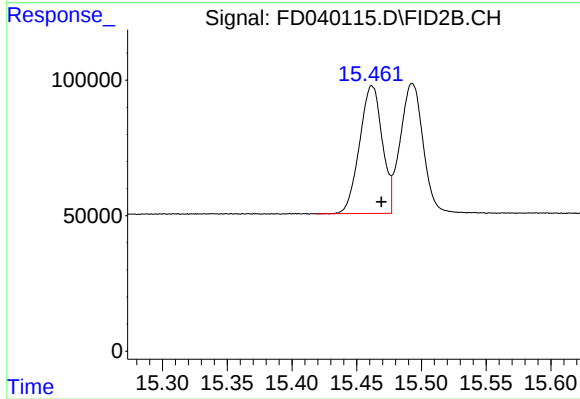
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.919 min
Delta R.T.: -0.006 min
Response: 569299
Conc: 4.23 ug/ml



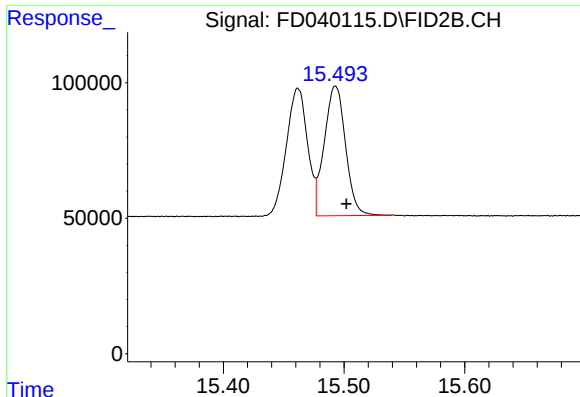
#15 Chrysene (C27.41)

R.T.: 13.959 min
Delta R.T.: -0.007 min
Response: 617210
Conc: 4.45 ug/ml



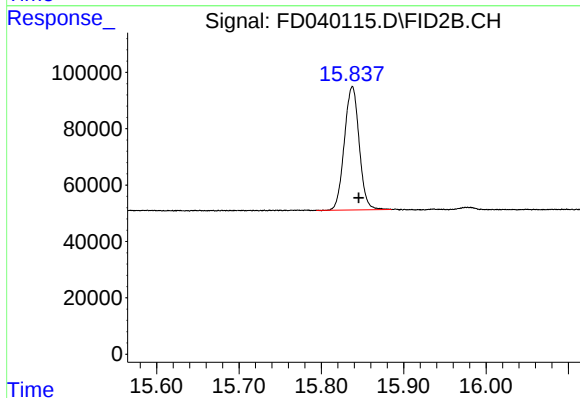
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.462 min
Delta R.T.: -0.007 min
Response: 574160
Conc: 4.42 ug/ml



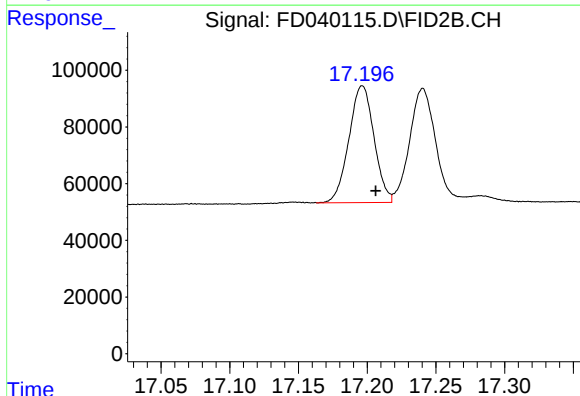
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.493 min
Delta R.T.: -0.009 min
Response: 586199
Conc: 4.50 ug/ml



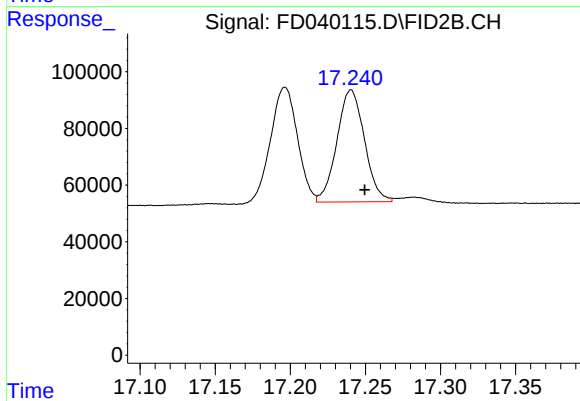
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.838 min
Delta R.T.: -0.008 min
Response: 547889
Conc: 4.43 ug/ml



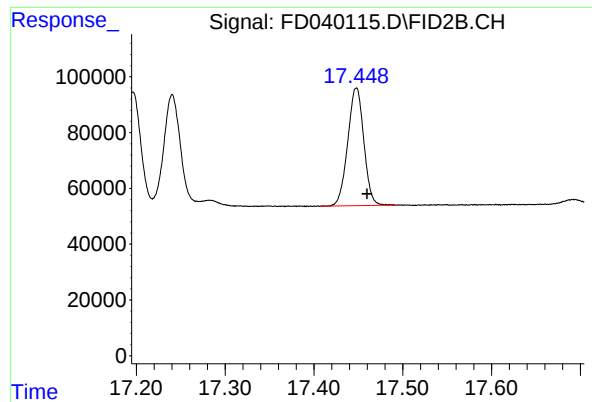
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.196 min
Delta R.T.: -0.010 min
Response: 524372
Conc: 4.33 ug/ml m



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

R.T.: 17.240 min
Delta R.T.: -0.010 min
Response: 503916
Conc: 4.05 ug/ml m



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

R.T.: 17.448 min
Delta R.T.: -0.012 min
Response: 531118
Conc: 4.50 ug/ml