

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028983.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 2:46
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 05:17:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:16:30 2019
 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...	7.092	928993	9.077 ug/ml
Spiked Amount 50.000		Recovery =	18.15%
6) S 2-Fluorobiphenyl (SURR)	7.958	629716	9.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.00%
11) S ortho-Terphenyl (SURR)	10.996	939167	8.822 ug/ml
Spiked Amount 50.000		Recovery =	17.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.917	929255	9.739 ug/ml
2) T Naphthalene (C11.7)	5.438	1024661	9.421 ug/ml
3) T 2-Methylnaphthalene (...)	6.485	1028004	9.179 ug/ml
5) T Acenaphthylene (C15.06)	7.762	983282	8.966 ug/ml
7) T Acenaphthene (C15.5)	8.056	1031380	8.970 ug/ml
8) T Fluorene (C16.55)	8.836	1006996	8.849 ug/ml
9) T Phenanthrene (C19.36)	10.233	957020	8.910 ug/ml
10) T Anthracene (C19.43)	10.307	955784	9.028 ug/ml
12) T Fluoranthene (C21.85)	12.043	959124	9.792 ug/ml
13) T Pyrene (C20.8)	12.341	992338	10.066 ug/ml
14) T Benzo[a]anthracene (C...	14.207	1028635	10.217 ug/ml
15) T Chrysene (C27.41)	14.248	1038690	10.282 ug/ml
16) T benzo[b]fluoranthene ...	15.753	1082866	10.234 ug/ml
17) T Bnezo[k]fluoranthene ...	15.784	1076293	10.223 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.131	1078571	10.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.491	1078317	10.184 ug/ml
20) T Dibenz[a,h]anthracene...	17.531	1086909	10.344 ug/ml
21) T Benzo[g,h,i]perylene ...	17.745	1086392	10.255 ug/ml

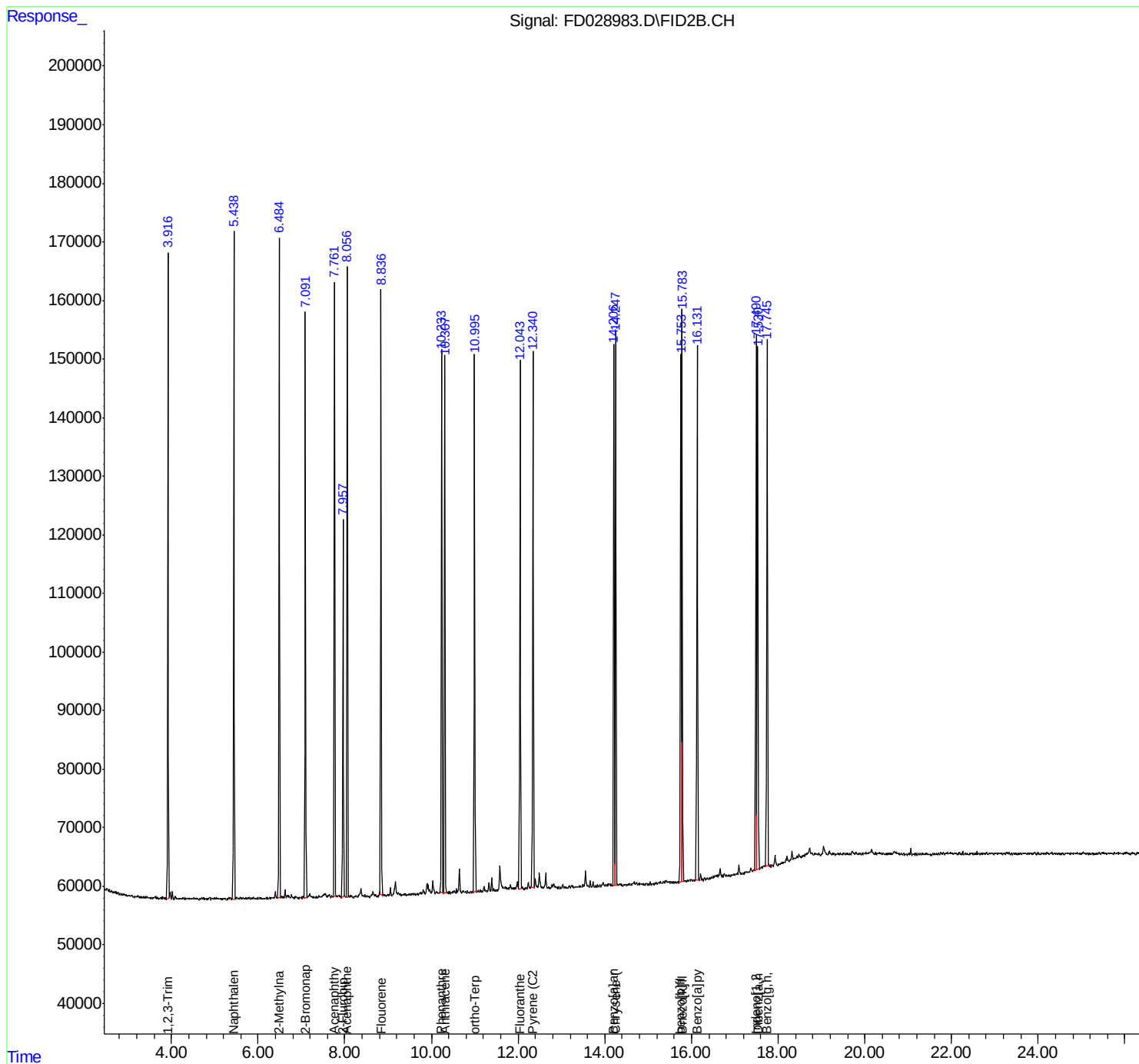
(f)=RT Delta > 1/2 Window

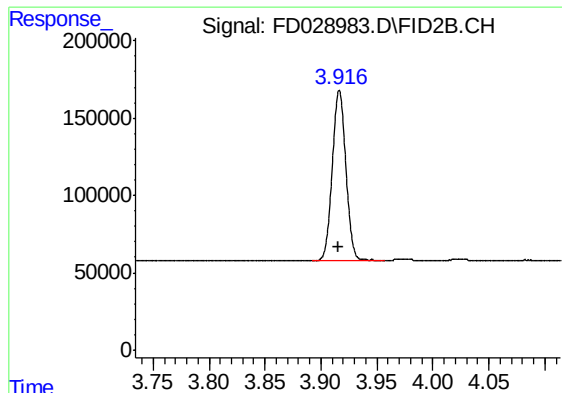
(m)=manual int.

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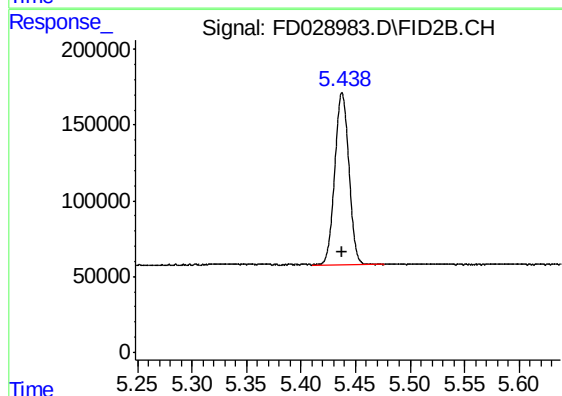
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Signal Info : 20M x 0.18mm x 0.18µm





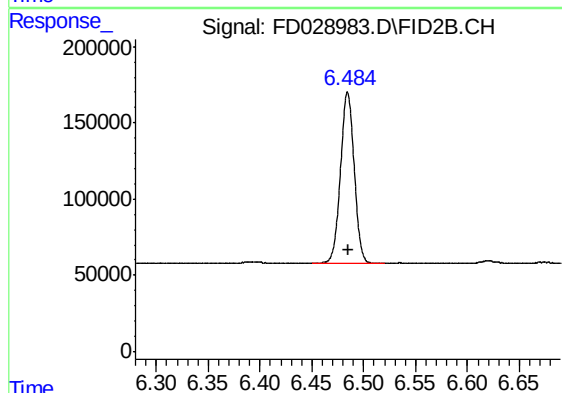
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 929255
Conc: 9.74 ug/ml



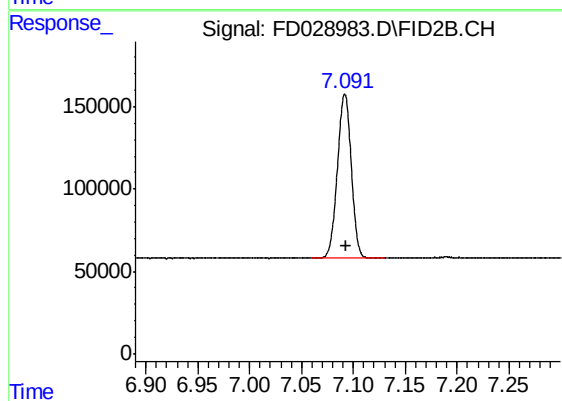
#2 Naphthalene (C11.7)

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 1024661
Conc: 9.42 ug/ml



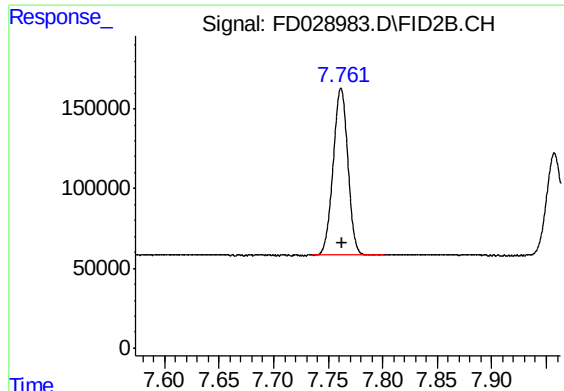
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 1028004
Conc: 9.18 ug/ml



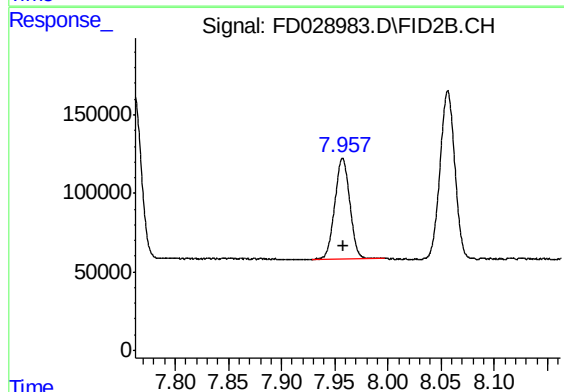
#4 2-Bromonaphthalene (SURR)

R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 928993
Conc: 9.08 ug/ml



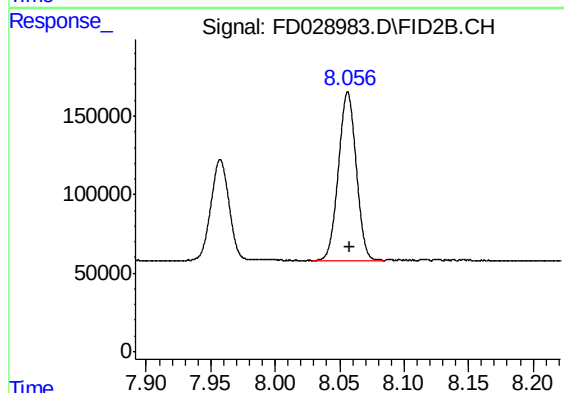
#5 Acenaphthylene (C15.06)

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 983282
Conc: 8.97 ug/ml



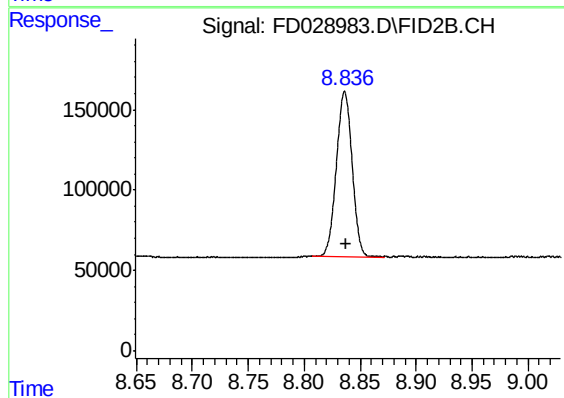
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.958 min
Delta R.T.: -0.001 min
Response: 629716
Conc: 9.00 ug/ml



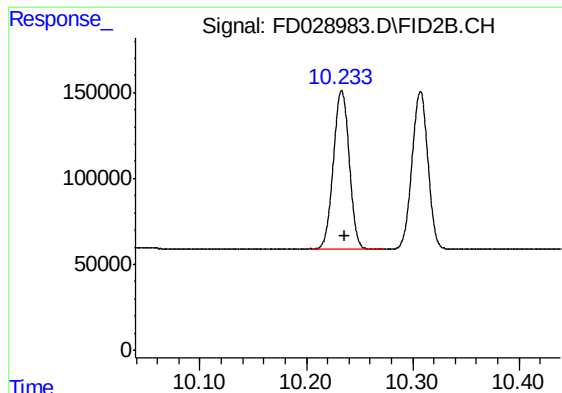
#7 Acenaphthene (C15.5)

R.T.: 8.056 min
Delta R.T.: -0.001 min
Response: 1031380
Conc: 8.97 ug/ml



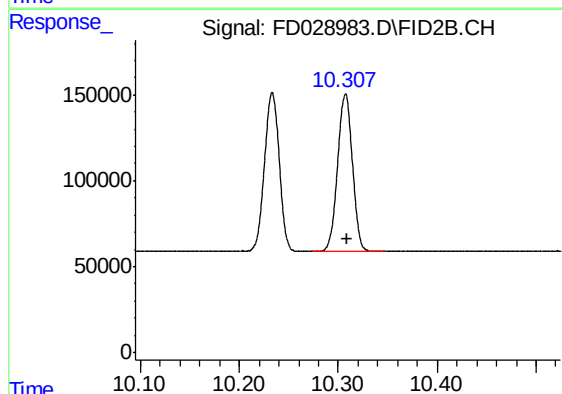
#8 Flouorene (C16.55)

R.T.: 8.836 min
Delta R.T.: -0.001 min
Response: 1006996
Conc: 8.85 ug/ml



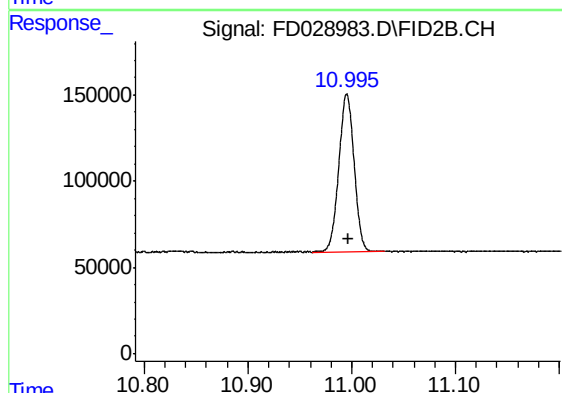
#9 Phenanthrene (C19.36)

R.T.: 10.233 min
Delta R.T.: -0.002 min
Response: 957020
Conc: 8.91 ug/ml



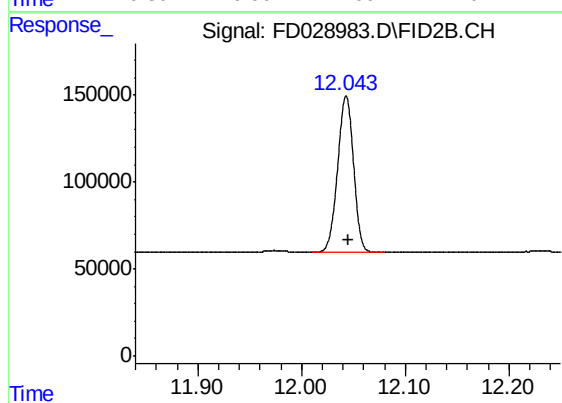
#10 Anthracene (C19.43)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 955784
Conc: 9.03 ug/ml



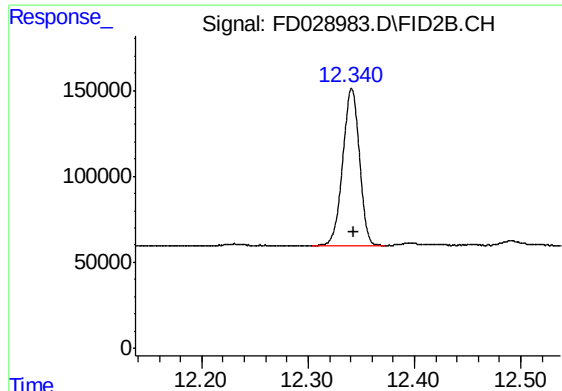
#11 ortho-Terphenyl (SURR)

R.T.: 10.996 min
Delta R.T.: -0.001 min
Response: 939167
Conc: 8.82 ug/ml



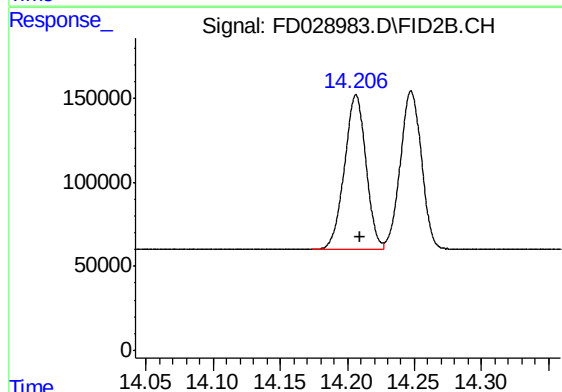
#12 Fluoranthene (C21.85)

R.T.: 12.043 min
Delta R.T.: -0.002 min
Response: 959124
Conc: 9.79 ug/ml



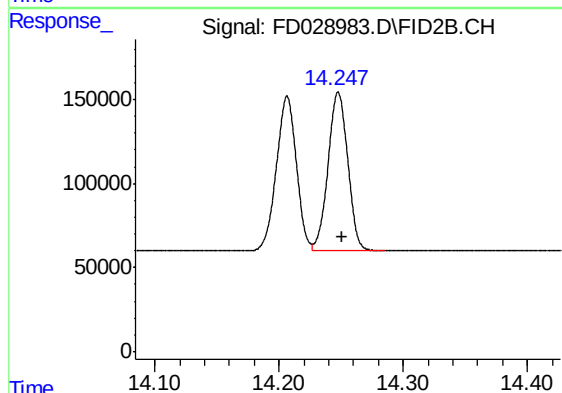
#13 Pyrene (C20.8)

R.T.: 12.341 min
Delta R.T.: -0.002 min
Response: 992338
Conc: 10.07 ug/ml



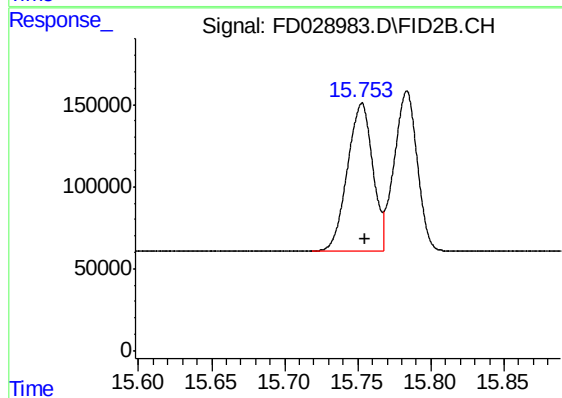
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.207 min
Delta R.T.: -0.003 min
Response: 1028635
Conc: 10.22 ug/ml



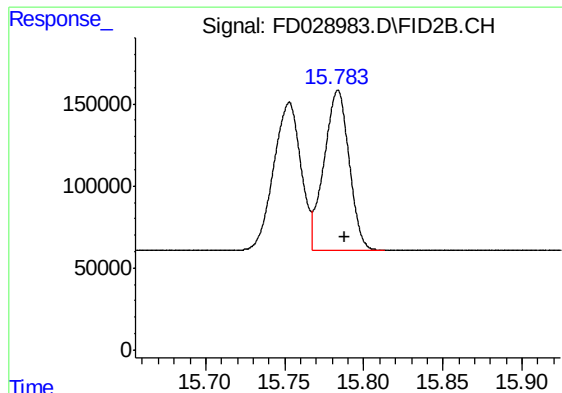
#15 Chrysene (C27.41)

R.T.: 14.248 min
Delta R.T.: -0.003 min
Response: 1038690
Conc: 10.28 ug/ml



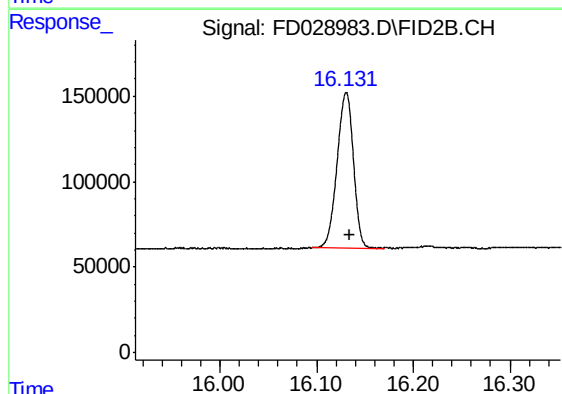
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.753 min
Delta R.T.: -0.002 min
Response: 1082866
Conc: 10.23 ug/ml



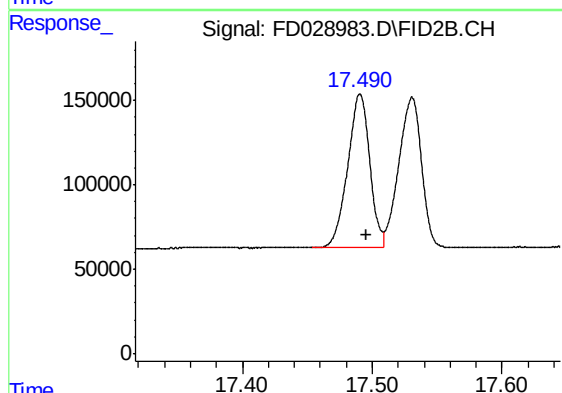
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.784 min
Delta R.T.: -0.004 min
Response: 1076293
Conc: 10.22 ug/ml



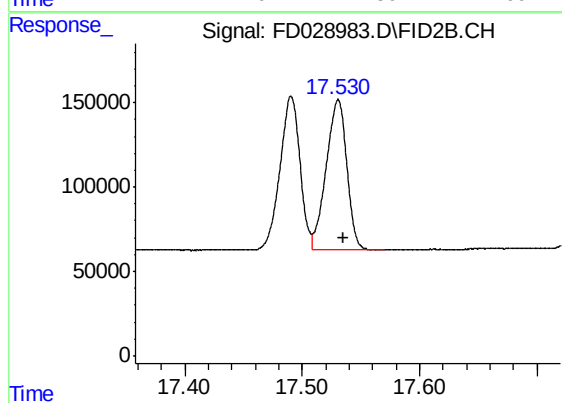
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.131 min
Delta R.T.: -0.004 min
Response: 1078571
Conc: 10.21 ug/ml



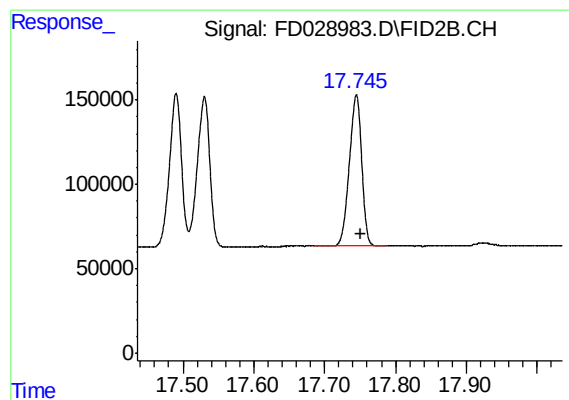
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.491 min
Delta R.T.: -0.005 min
Response: 1078317
Conc: 10.18 ug/ml



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

R.T.: 17.531 min
Delta R.T.: -0.004 min
Response: 1086909
Conc: 10.34 ug/ml



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

R.T.: 17.745 min
Delta R.T.: -0.006 min
Response: 1086392
Conc: 10.25 ug/ml