

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102419AR\
 Data File : FD031223.D
 Signal(s) : FID2B.CH
 Acq On : 24 Oct 2019 15:38
 Operator : DD\AJ
 Sample : K5111-07
 Misc : LOD-2.5 PPM
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 01:28:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.541	5400260	56.496 ug/ml
Spiked Amount 50.000		Recovery =	112.99%
6) S 2-Fluorobiphenyl (SURR)	8.403	3540056	55.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	111.58%
11) S ortho-Terphenyl (SURR)	11.434	5501589	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	230108	2.320 ug/ml
2) T Naphthalene (C11.7)	5.887	251477	2.484 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	250696	2.445 ug/ml
5) T Acenaphthylene (C15.06)	8.204	279529	2.708 ug/ml
7) T Acenaphthene (C15.5)	8.498	339301	3.108 ug/ml
8) T Flouorene (C16.55)	9.281	268134	2.587 ug/ml
9) T Phenanthrene (C19.36)	10.674	242766	2.324 ug/ml
10) T Anthracene (C19.43)	10.751	227691	2.170 ug/ml
12) T Fluoranthene (C21.85)	12.480	282449	2.659 ug/ml
13) T Pyrene (C20.8)	12.775	276459	2.609 ug/ml
14) T Benzo[a]anthracene (C...	14.646	224586	2.338 ug/ml
15) T Chrysene (C27.41)	14.688	342118	3.112 ug/ml
16) T benzo[b]fluoranthene ...	16.192	254655	2.625 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.224	305968	2.811 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.577	224951	2.292 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.942	231421	2.560 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	307955	3.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	256725	2.693 ug/ml

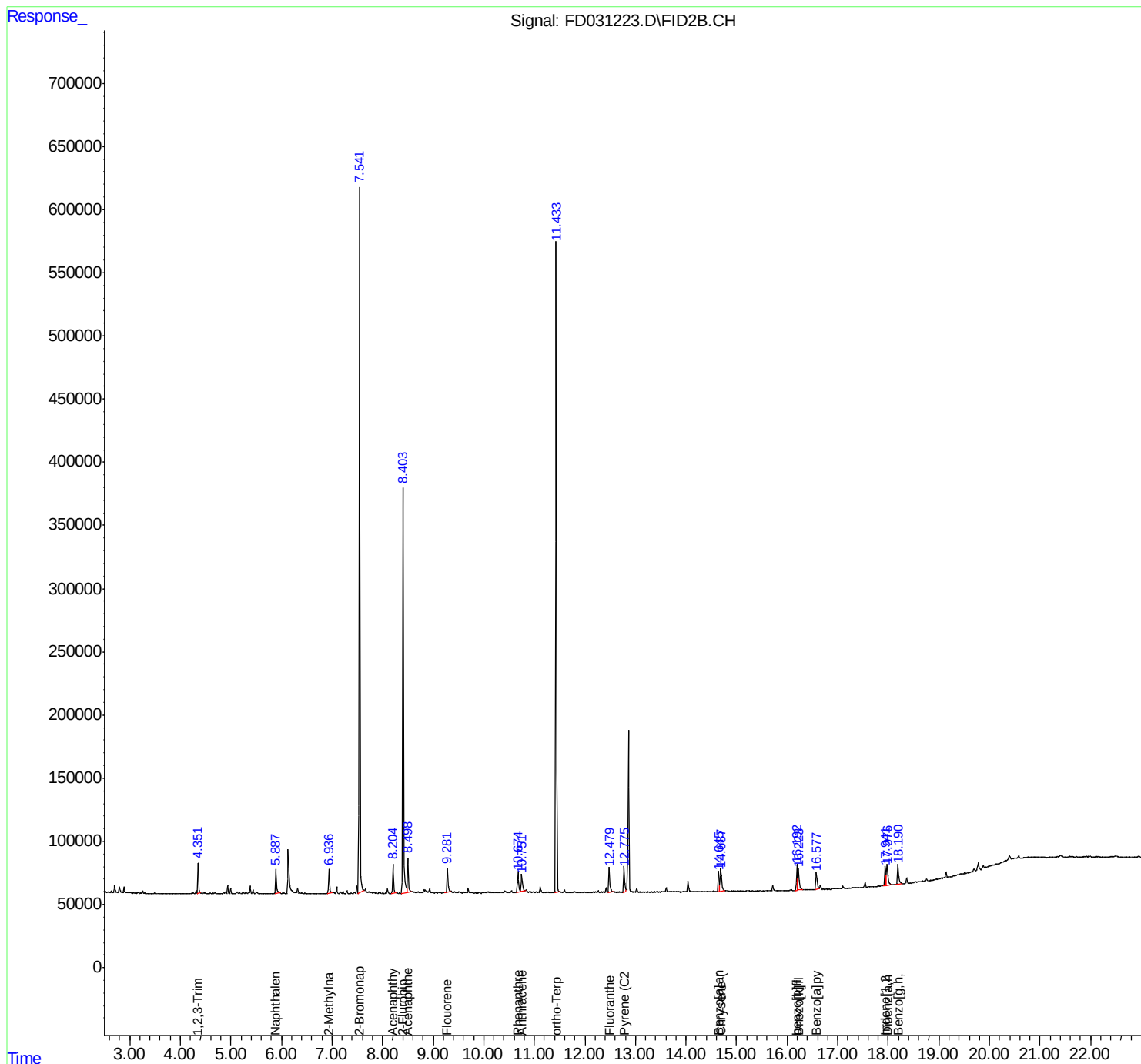
(f)=RT Delta > 1/2 Window

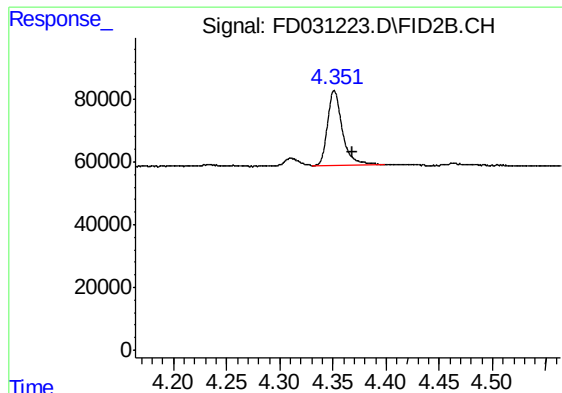
(m)=manual int.

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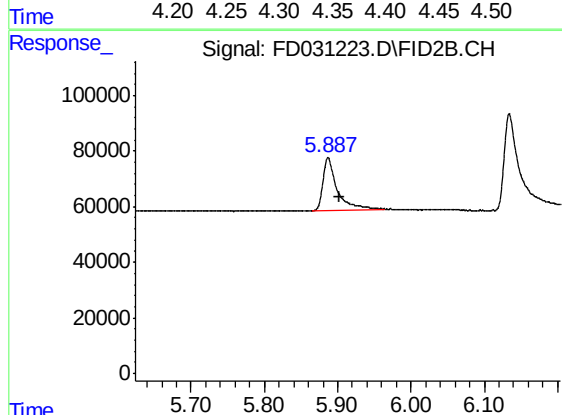
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





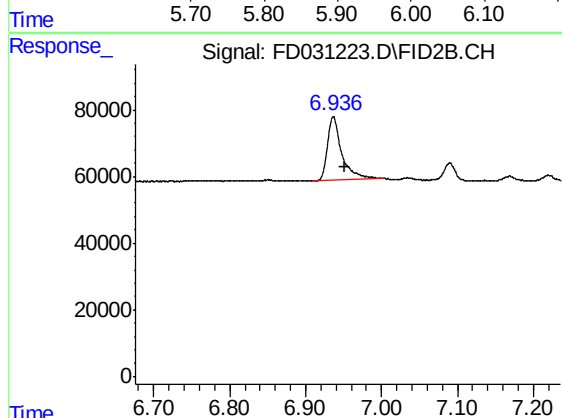
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.351 min
Delta R.T.: -0.017 min
Response: 230108
Conc: 2.32 ug/ml



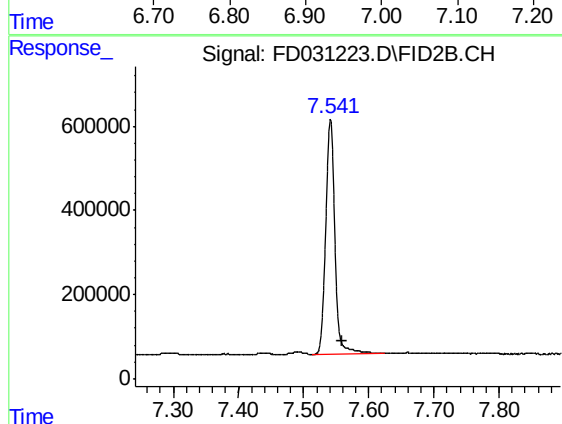
#2 Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.015 min
Response: 251477
Conc: 2.48 ug/ml



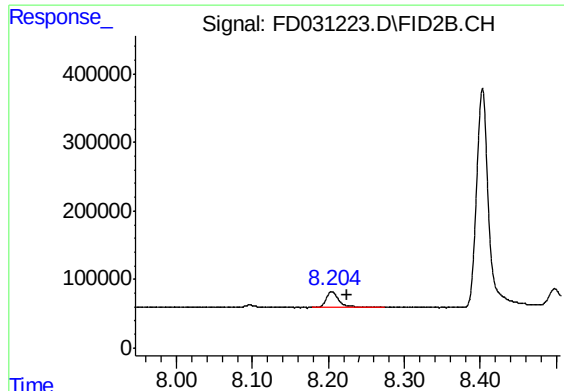
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.015 min
Response: 250696
Conc: 2.45 ug/ml



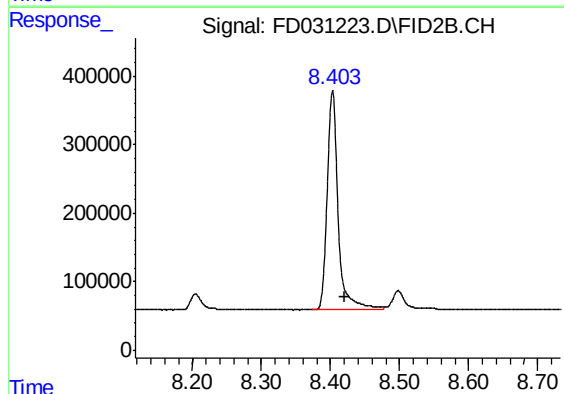
#4 2-Bromonaphthalene (SURR)

R.T.: 7.541 min
Delta R.T.: -0.019 min
Response: 5400260
Conc: 56.50 ug/ml



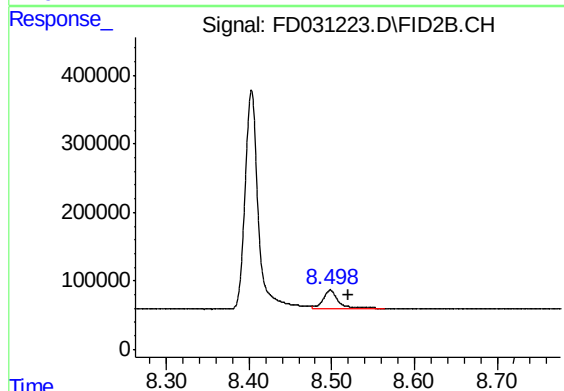
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: -0.020 min
Response: 279529
Conc: 2.71 ug/ml



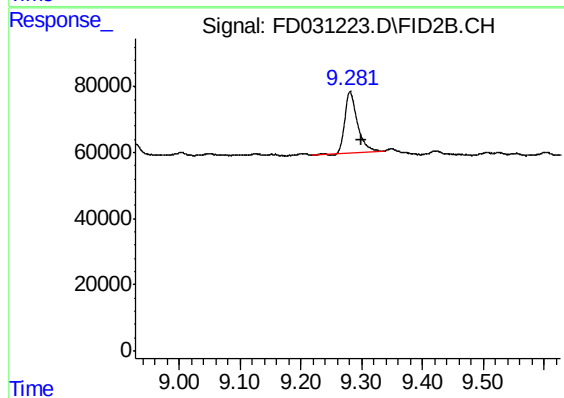
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.017 min
Response: 3540056
Conc: 55.79 ug/ml



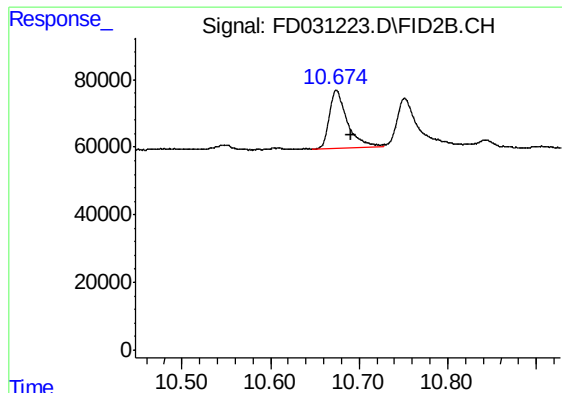
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: -0.022 min
Response: 339301
Conc: 3.11 ug/ml



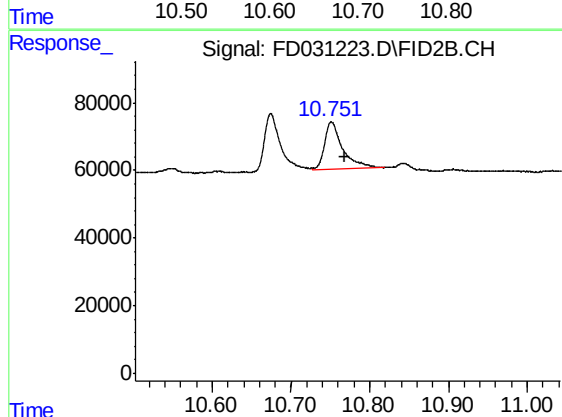
#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: -0.018 min
Response: 268134
Conc: 2.59 ug/ml



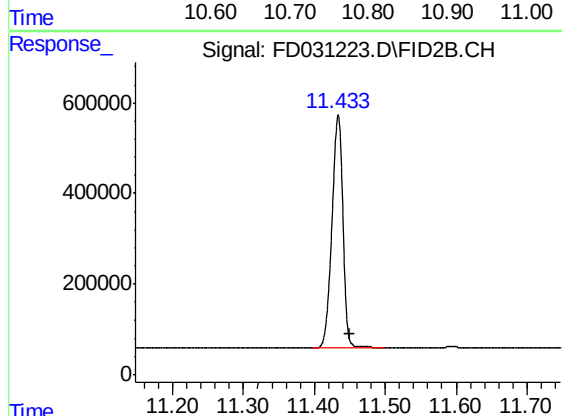
#9 Phenanthrene (C19.36)

R.T.: 10.674 min
Delta R.T.: -0.016 min
Response: 242766
Conc: 2.32 ug/ml



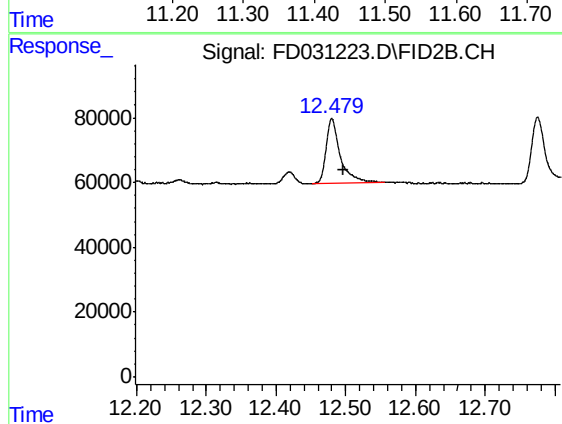
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: -0.016 min
Response: 227691
Conc: 2.17 ug/ml



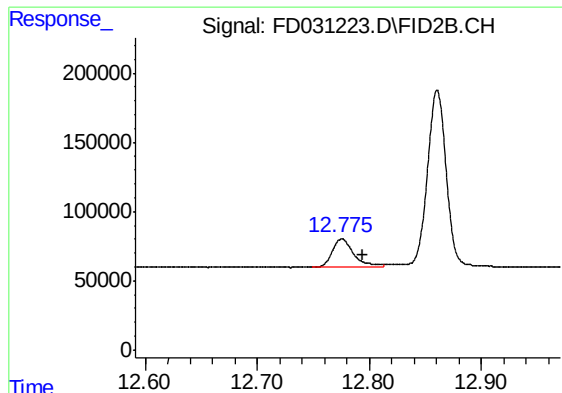
#11 ortho-Terphenyl (SURR)

R.T.: 11.434 min
Delta R.T.: -0.015 min
Response: 5501589
Conc: 50.20 ug/ml



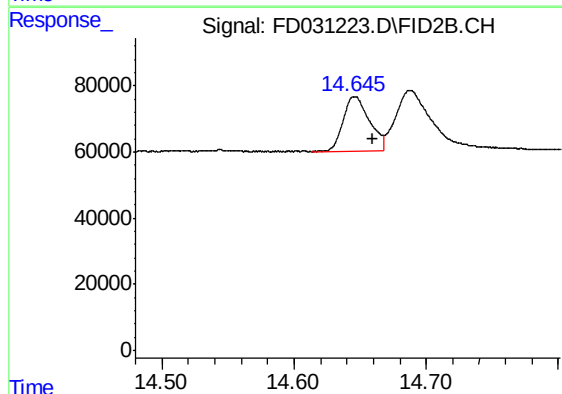
#12 Fluoranthene (C21.85)

R.T.: 12.480 min
Delta R.T.: -0.017 min
Response: 282449
Conc: 2.66 ug/ml



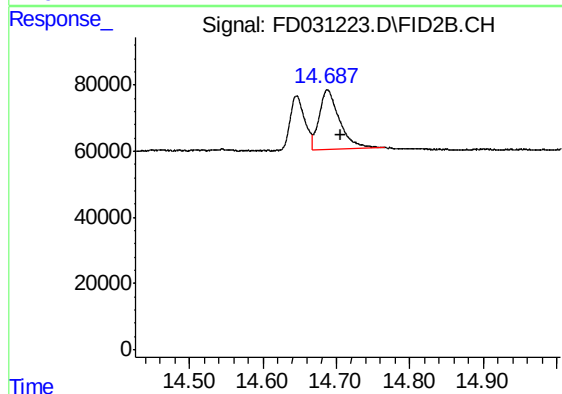
#13 Pyrene (C20.8)

R.T.: 12.775 min
Delta R.T.: -0.019 min
Response: 276459
Conc: 2.61 ug/ml



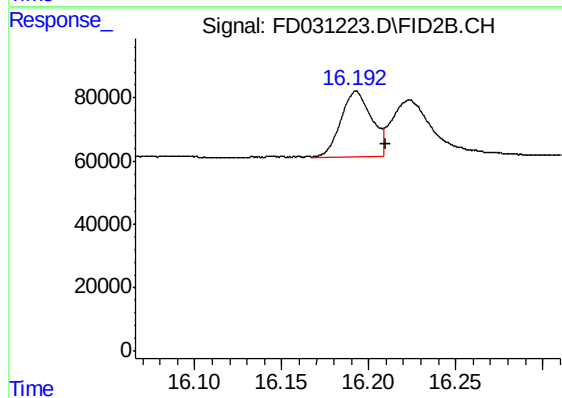
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.013 min
Response: 224586
Conc: 2.34 ug/ml



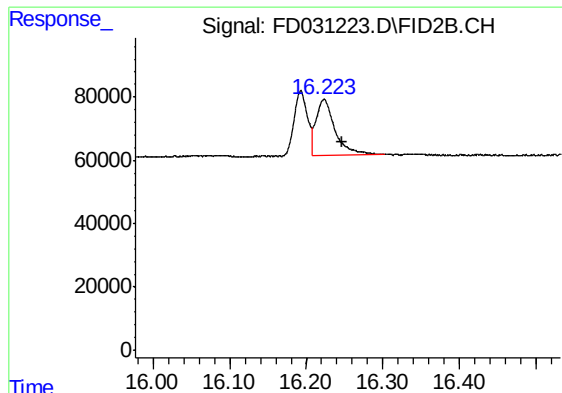
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: -0.018 min
Response: 342118
Conc: 3.11 ug/ml



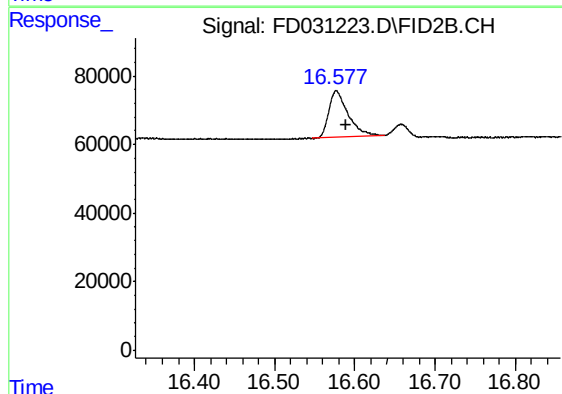
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.192 min
Delta R.T.: -0.017 min
Response: 254655
Conc: 2.63 ug/ml m



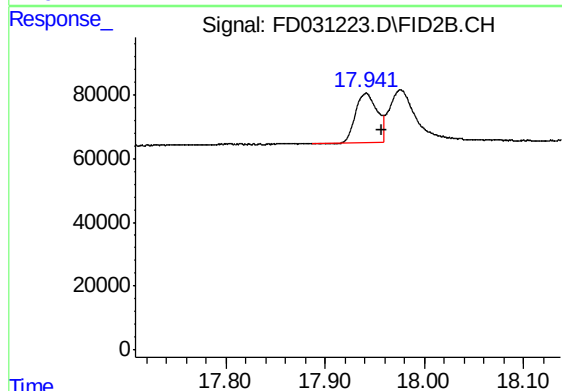
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.023 min
Response: 305968
Conc: 2.81 ug/ml



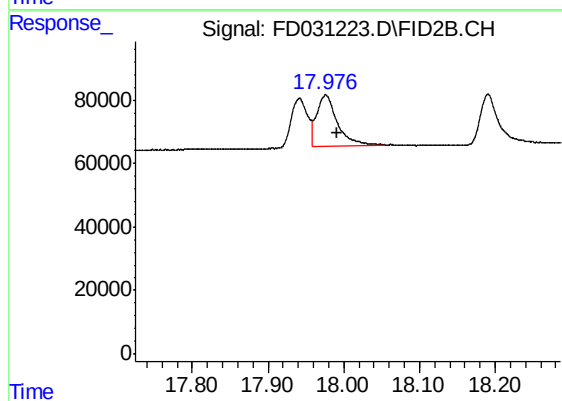
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.577 min
Delta R.T.: -0.012 min
Response: 224951
Conc: 2.29 ug/ml



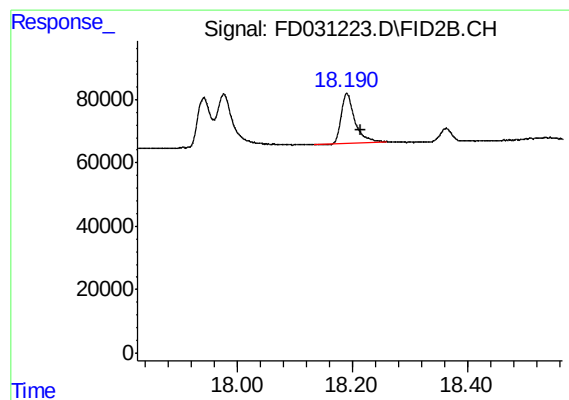
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.942 min
Delta R.T.: -0.015 min
Response: 231421
Conc: 2.56 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.016 min
Response: 307955
Conc: 3.00 ug/ml



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

R.T.: 18.191 min
Delta R.T.: -0.023 min
Response: 256725
Conc: 2.69 ug/ml