

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AR\
 Data File : FD040900.D
 Signal(s) : FID2B.CH
 Acq On : 08 Feb 2022 18:59
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 22:42:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:41:03 2022
 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...	7.361	179935	7.928 ug/ml
Spiked Amount 50.000		Recovery =	15.86%
6) S 2-Fluorobiphenyl (SURR)	8.214	105683	7.748 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	15.50%
11) S ortho-Terphenyl (SURR)	11.235	280918	9.644 ug/ml
Spiked Amount 50.000		Recovery =	19.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	241539	9.360 ug/ml
2) T Naphthalene (C11.7)	5.702	202025	8.297 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	203047	8.004 ug/ml
5) T Acenaphthylene (C15.06)	8.007	251758	9.279 ug/ml
7) T Acenaphthene (C15.5)	8.299	293879	9.678 ug/ml
8) T Fluorene (C16.55)	9.081	226781	8.809 ug/ml
9) T Phenanthrene (C19.36)	10.466	225013	8.720 ug/ml
10) T Anthracene (C19.43)	10.543	238390	9.146 ug/ml
12) T Fluoranthene (C21.85)	12.265	246321	8.886 ug/ml
13) T Pyrene (C20.8)	12.556	255477	9.139 ug/ml
14) T Benzo[a]anthracene (C...	14.426	187674	7.975 ug/ml
15) T Chrysene (C27.41)	14.465	315987	9.799 ug/ml
16) T benzo[b]fluoranthene ...	15.964	224470	8.546 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	303300	9.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	242836	9.147 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.705	209489	8.570 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	290606	9.449 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	250731	9.431 ug/ml

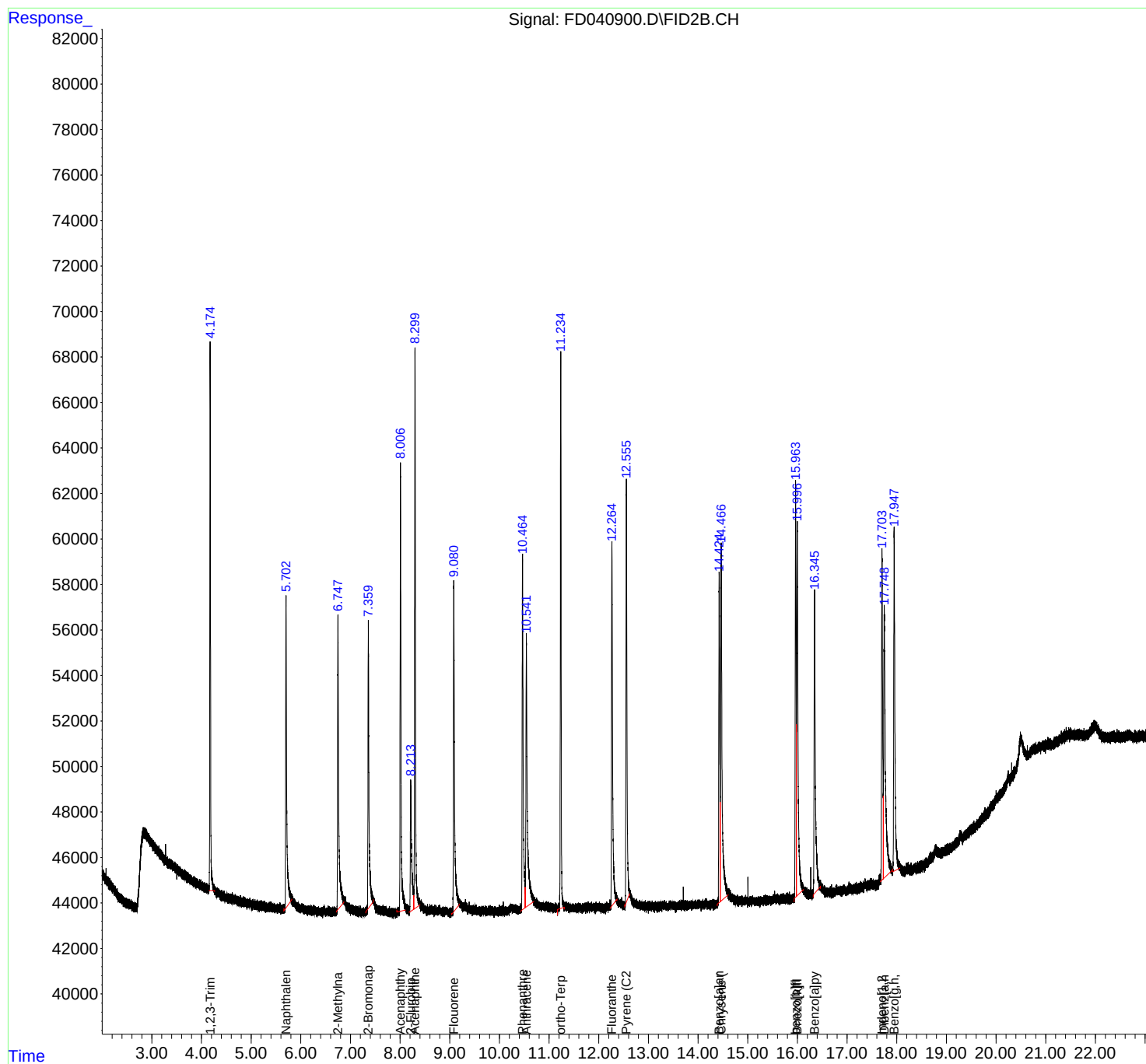
(f)=RT Delta > 1/2 Window

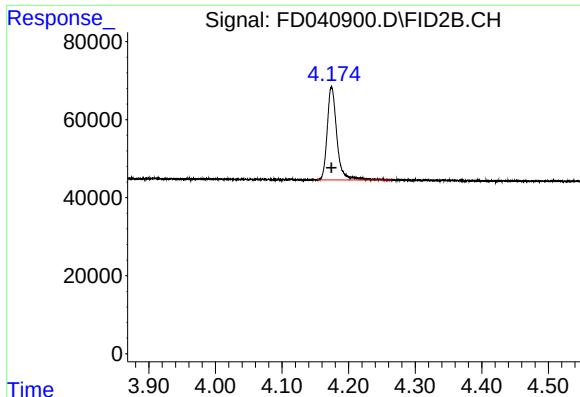
(m)=manual int.

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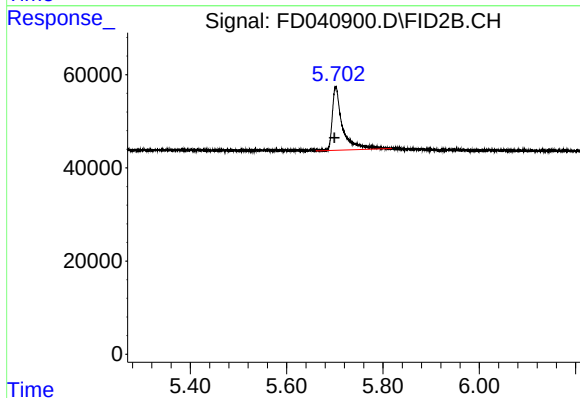
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Signal Info : 20M x 0.18mm x 0.18µm





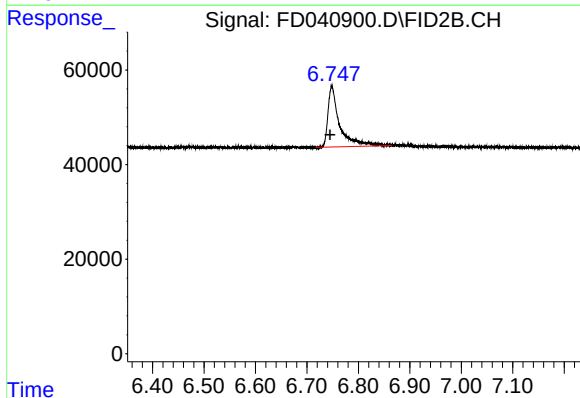
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 241539
Conc: 9.36 ug/ml



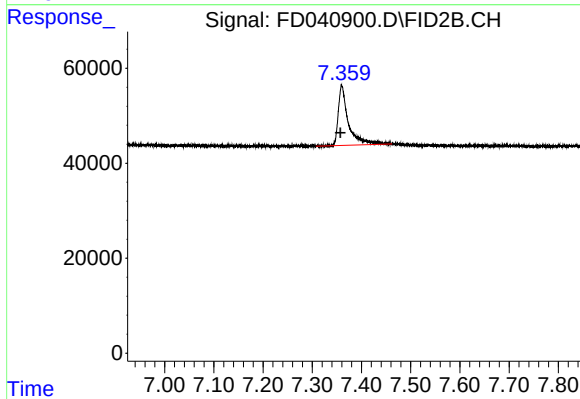
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.003 min
Response: 202025
Conc: 8.30 ug/ml



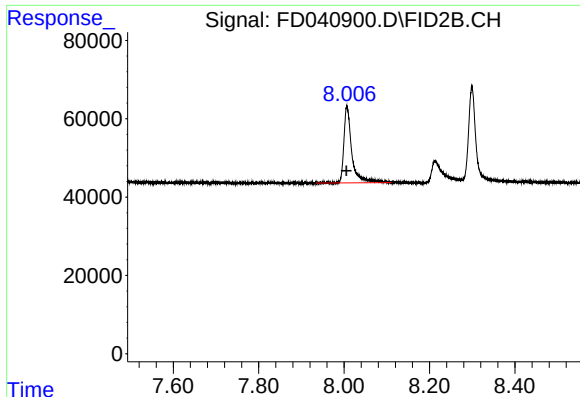
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.004 min
Response: 203047
Conc: 8.00 ug/ml



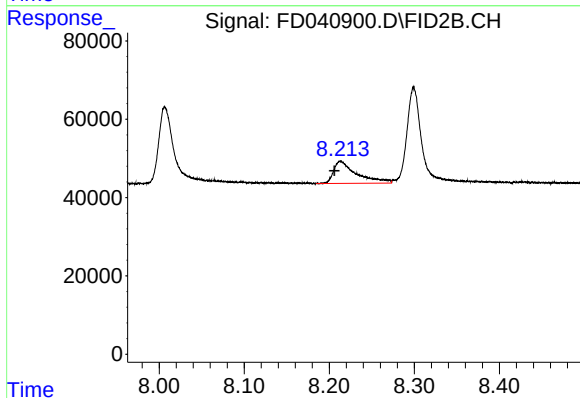
#4 2-Bromonaphthalene (SURR)

R.T.: 7.361 min
Delta R.T.: 0.004 min
Response: 179935
Conc: 7.93 ug/ml



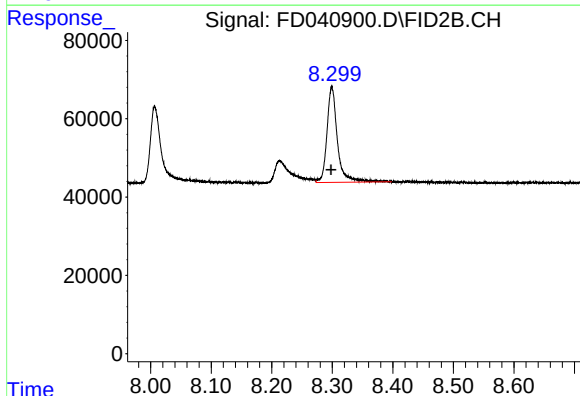
#5 Acenaphthylene (C15.06)

R.T.: 8.007 min
Delta R.T.: 0.002 min
Response: 251758
Conc: 9.28 ug/ml



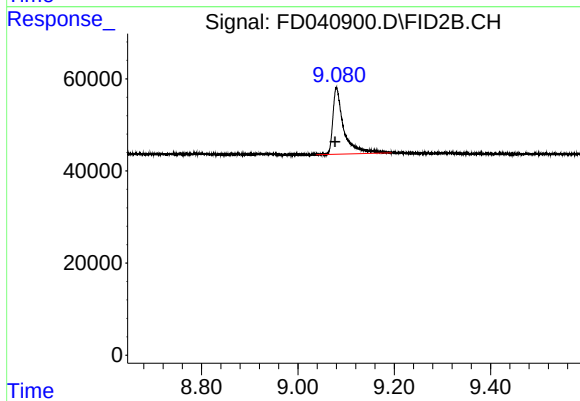
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.008 min
Response: 105683
Conc: 7.75 ug/ml



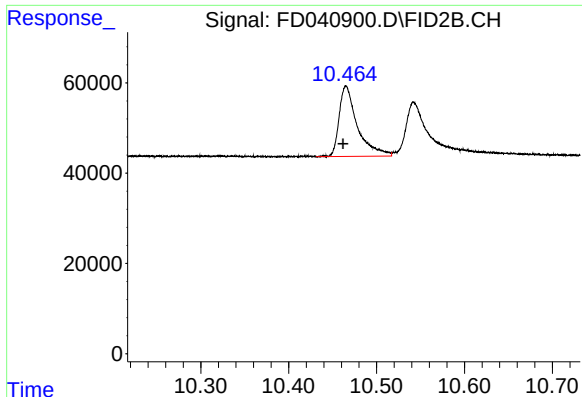
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.001 min
Response: 293879
Conc: 9.68 ug/ml



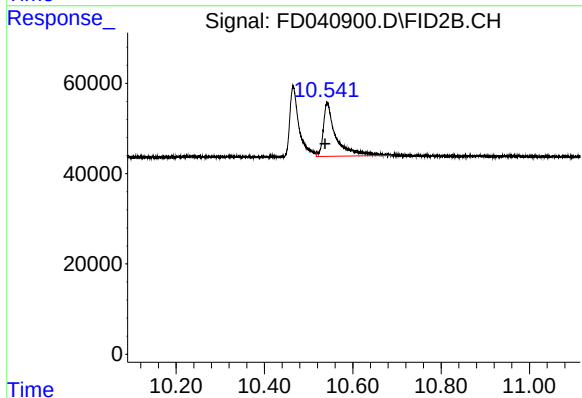
#8 Fluorene (C16.55)

R.T.: 9.081 min
Delta R.T.: 0.004 min
Response: 226781
Conc: 8.81 ug/ml



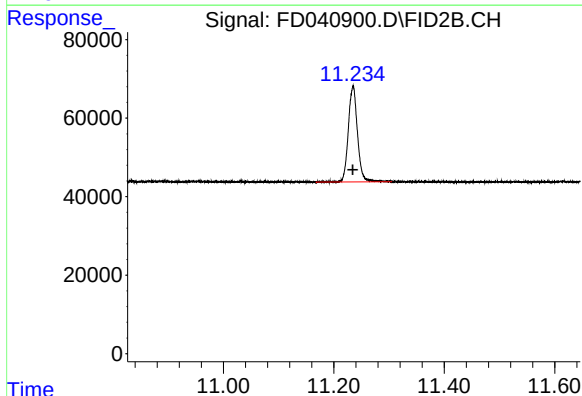
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: 0.004 min
Response: 225013
Conc: 8.72 ug/ml



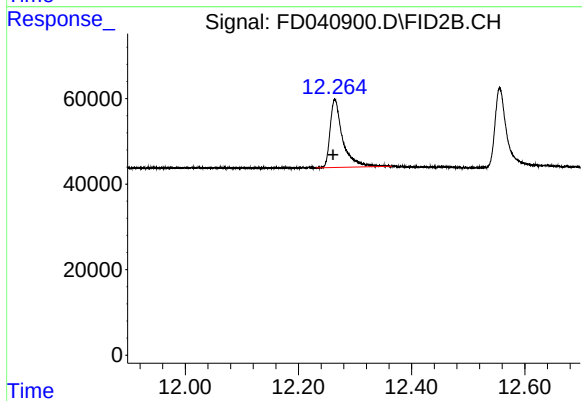
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.006 min
Response: 238390
Conc: 9.15 ug/ml



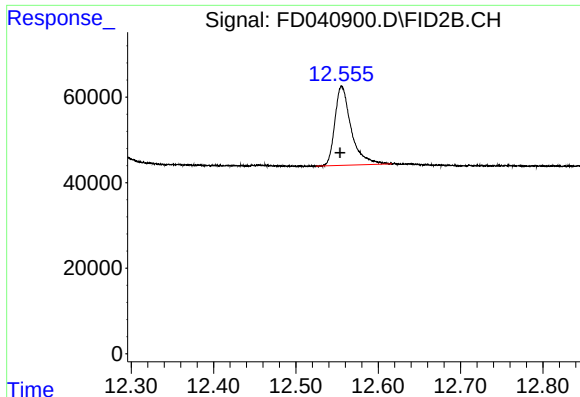
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: 0.000 min
Response: 280918
Conc: 9.64 ug/ml



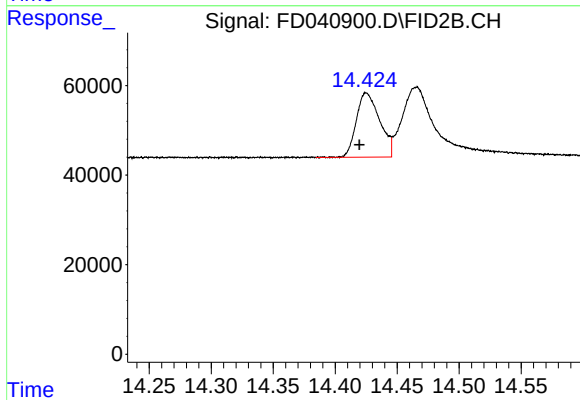
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: 0.004 min
Response: 246321
Conc: 8.89 ug/ml



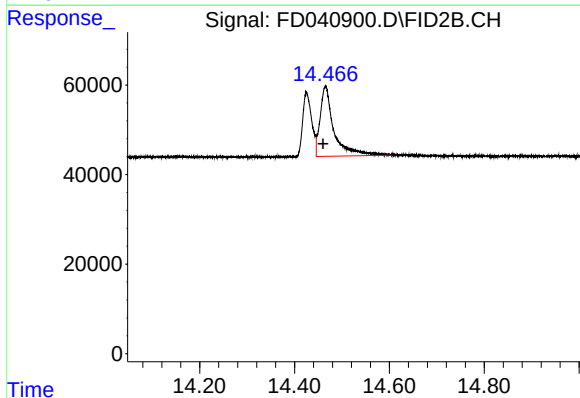
#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: 0.002 min
Response: 255477
Conc: 9.14 ug/ml



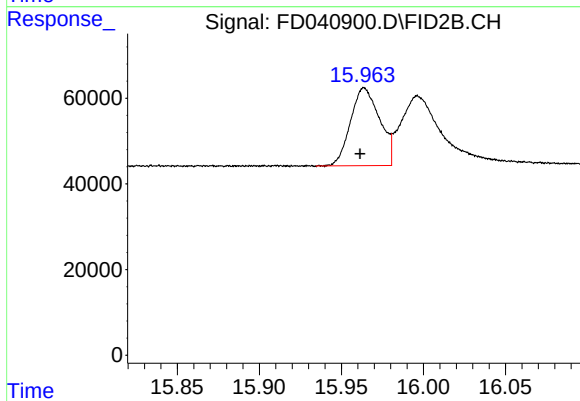
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: 0.006 min
Response: 187674
Conc: 7.97 ug/ml



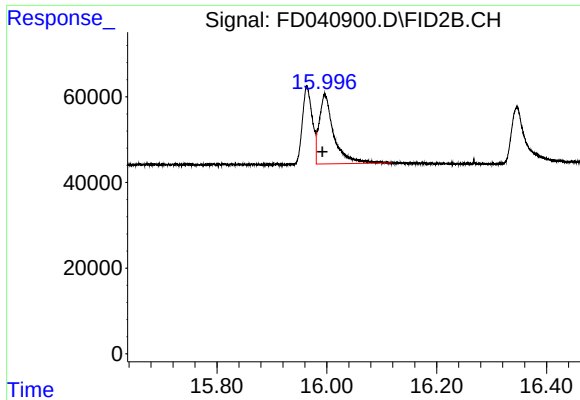
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: 0.005 min
Response: 315987
Conc: 9.80 ug/ml



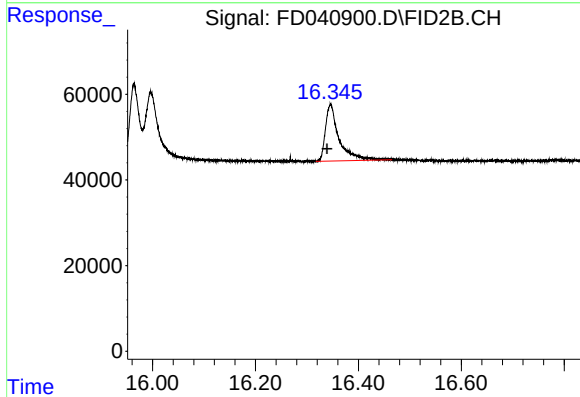
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.964 min
Delta R.T.: 0.003 min
Response: 224470
Conc: 8.55 ug/ml



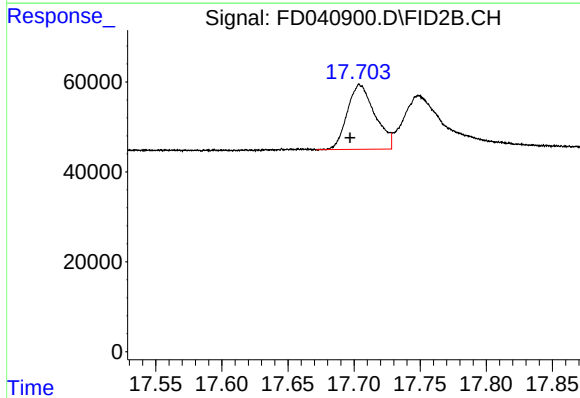
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.997 min
Delta R.T.: 0.005 min
Response: 303300
Conc: 9.73 ug/ml



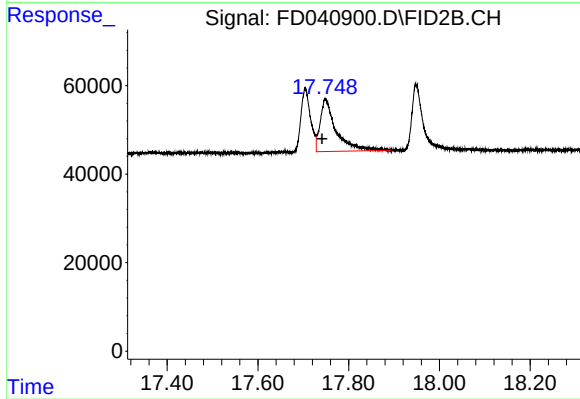
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: 0.007 min
Response: 242836
Conc: 9.15 ug/ml



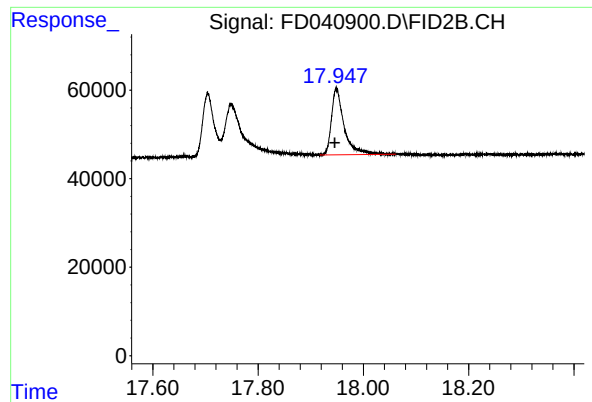
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.705 min
Delta R.T.: 0.008 min
Response: 209489
Conc: 8.57 ug/ml



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

R.T.: 17.749 min
Delta R.T.: 0.008 min
Response: 290606
Conc: 9.45 ug/ml



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

R.T.: 17.949 min
Delta R.T.: 0.003 min
Response: 250731
Conc: 9.43 ug/ml