

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011121AR\
 Data File : FD035986.D
 Signal(s) : FID2B.CH
 Acq On : 12 Jan 2021 5:17
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 05:45:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 05:30:41 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...	7.619	1282095	10.858 ug/ml
Spiked Amount 50.000		Recovery =	21.72%
6) S 2-Fluorobiphenyl (SURR)	8.479	897709	10.742 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.48%
11) S ortho-Terphenyl (SURR)	11.523	1502128	11.094 ug/ml
Spiked Amount 50.000		Recovery =	22.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	1367571	10.918 ug/ml
2) T Naphthalene (C11.7)	5.956	1489773	10.954 ug/ml
3) T 2-Methylnaphthalene (...)	7.008	1490732	10.874 ug/ml
5) T Acenaphthylene (C15.06)	8.283	1427120	10.751 ug/ml
7) T Acenaphthene (C15.5)	8.578	1461731	10.718 ug/ml
8) T Fluorene (C16.55)	9.358	1439895	10.717 ug/ml
9) T Phenanthrene (C19.36)	10.754	1454834	10.807 ug/ml
10) T Anthracene (C19.43)	10.827	1471176	11.101 ug/ml
12) T Fluoranthene (C21.85)	12.564	1465238	11.020 ug/ml
13) T Pyrene (C20.8)	12.860	1434889	10.961 ug/ml
14) T Benzo[a]anthracene (C...	14.728	1314496	10.905 ug/ml
15) T Chrysene (C27.41)	14.770	1364288	11.107 ug/ml
16) T benzo[b]fluoranthene ...	16.274	1220501	10.580 ug/ml
17) T Bnezo[k]fluoranthene ...	16.306	1200051	10.735 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.651	1101524	10.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.010	1047752	9.894 ug/ml
20) T Dibenz[a,h]anthracene...	18.053	1101338	10.495 ug/ml
21) T Benzo[g,h,i]perylene ...	18.264	1061367	10.211 ug/ml

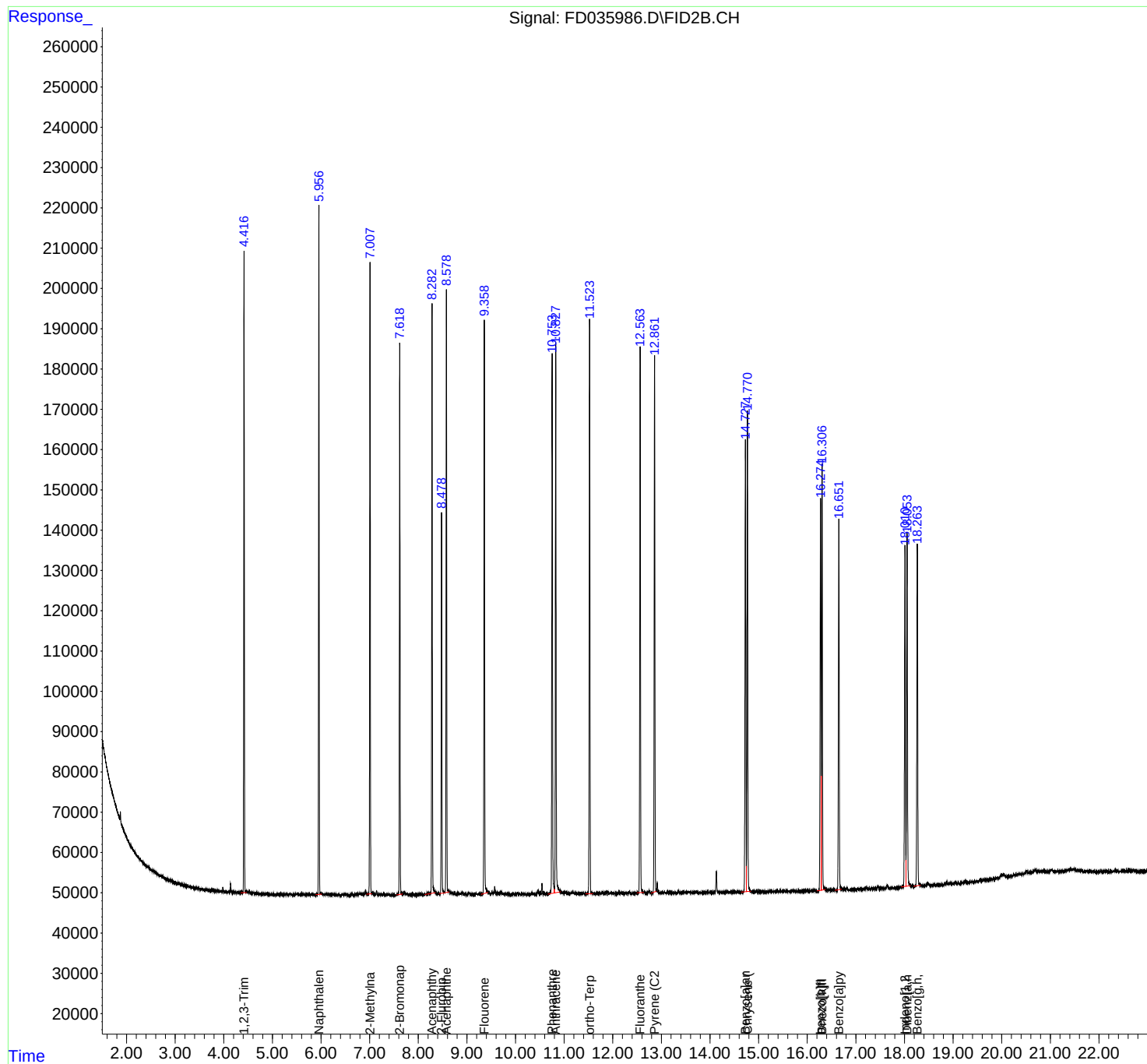
(f)=RT Delta > 1/2 Window

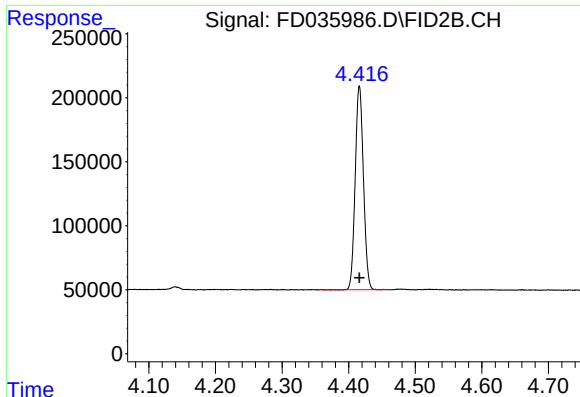
(m)=manual int.

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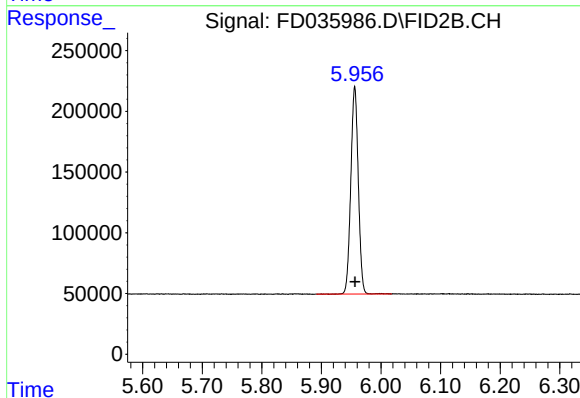
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





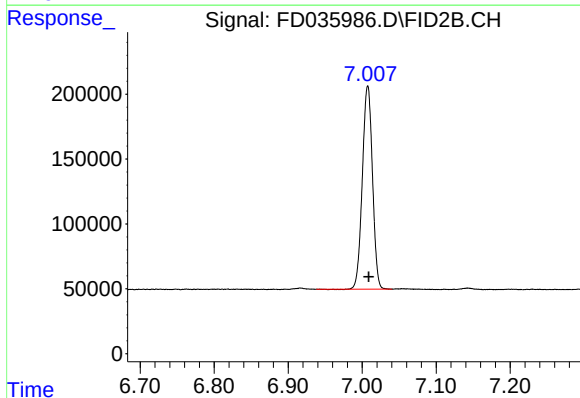
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 1367571
Conc: 10.92 ug/ml



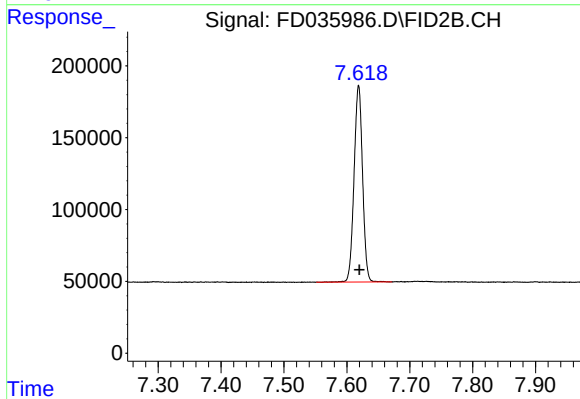
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 1489773
Conc: 10.95 ug/ml



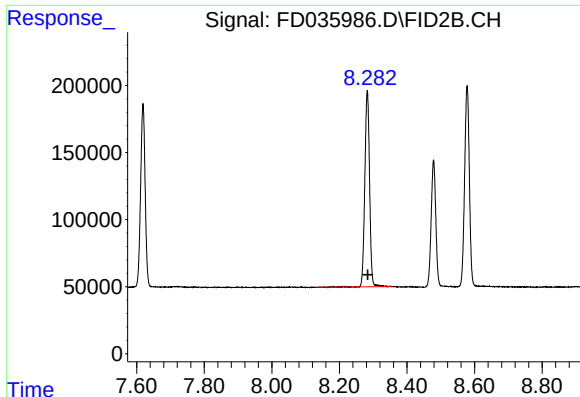
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.001 min
Response: 1490732
Conc: 10.87 ug/ml



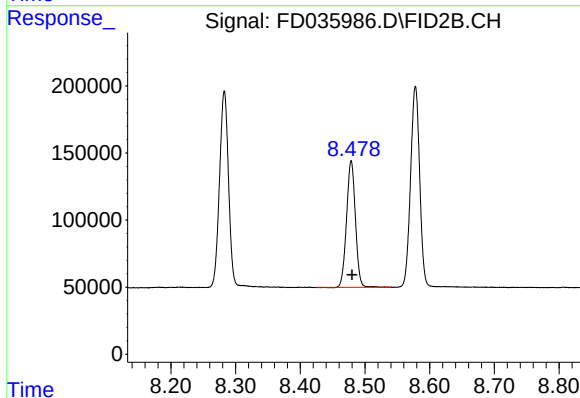
#4 2-Bromonaphthalene (SURR)

R.T.: 7.619 min
Delta R.T.: -0.001 min
Response: 1282095
Conc: 10.86 ug/ml



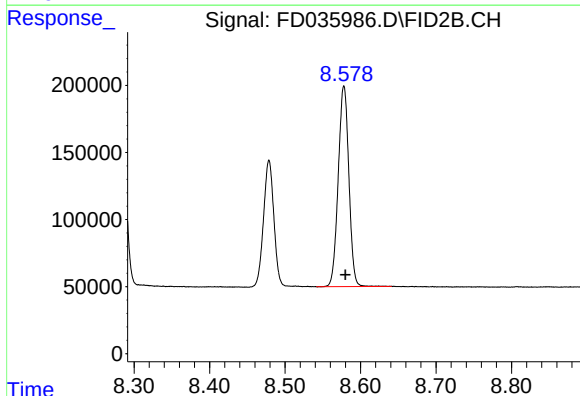
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: -0.001 min
Response: 1427120
Conc: 10.75 ug/ml



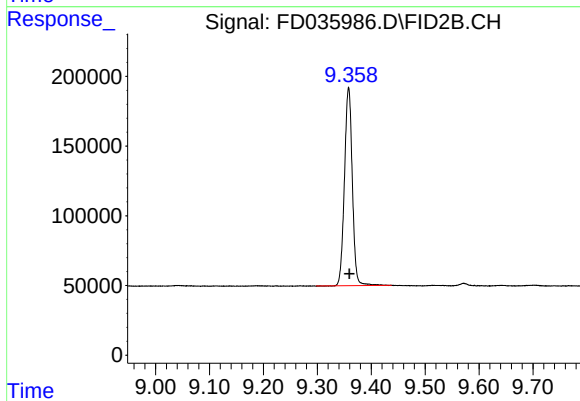
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: -0.001 min
Response: 897709
Conc: 10.74 ug/ml



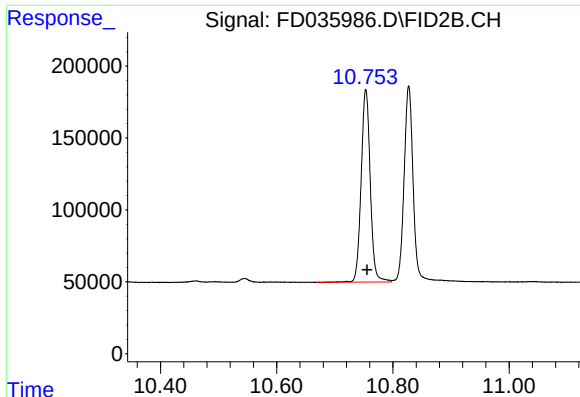
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.002 min
Response: 1461731
Conc: 10.72 ug/ml



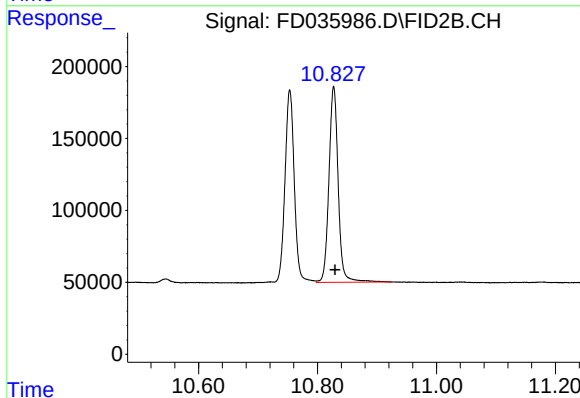
#8 Flouorene (C16.55)

R.T.: 9.358 min
Delta R.T.: -0.002 min
Response: 1439895
Conc: 10.72 ug/ml



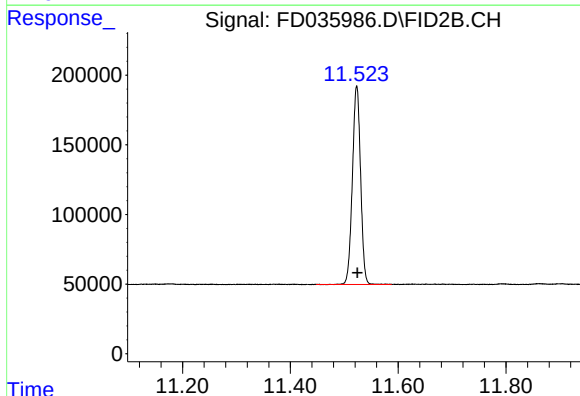
#9 Phenanthrene (C19.36)

R.T.: 10.754 min
Delta R.T.: -0.002 min
Response: 1454834
Conc: 10.81 ug/ml



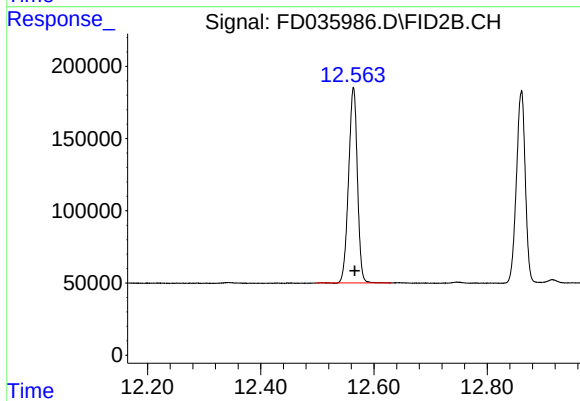
#10 Anthracene (C19.43)

R.T.: 10.827 min
Delta R.T.: -0.002 min
Response: 1471176
Conc: 11.10 ug/ml



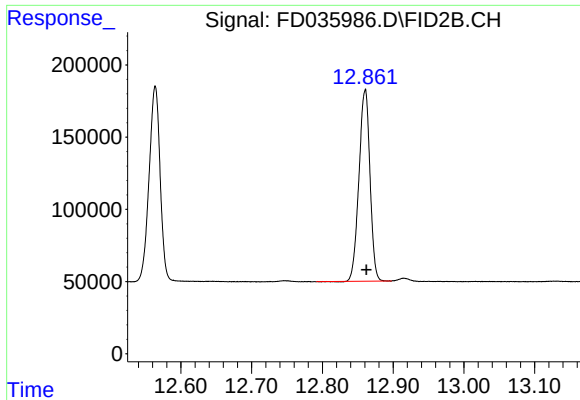
#11 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.002 min
Response: 1502128
Conc: 11.09 ug/ml



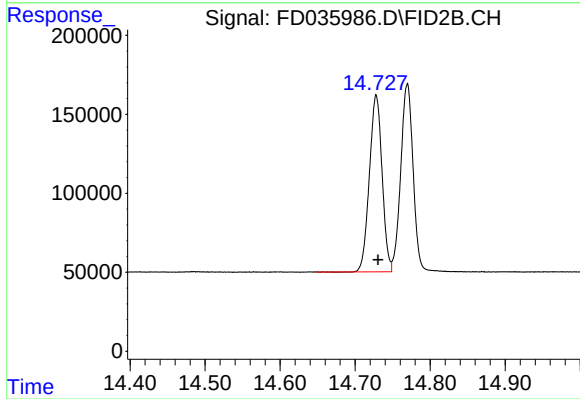
#12 Fluoranthene (C21.85)

R.T.: 12.564 min
Delta R.T.: -0.002 min
Response: 1465238
Conc: 11.02 ug/ml



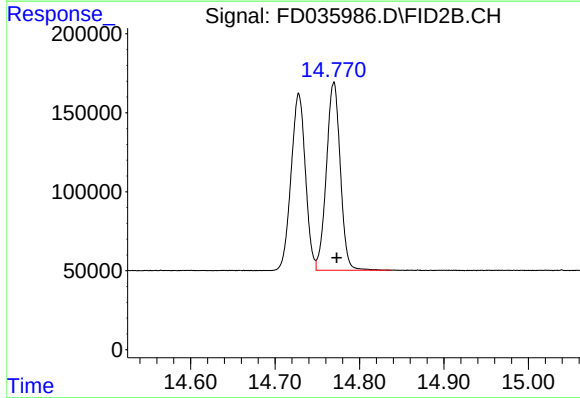
#13 Pyrene (C20.8)

R.T.: 12.860 min
Delta R.T.: -0.002 min
Response: 1434889
Conc: 10.96 ug/ml



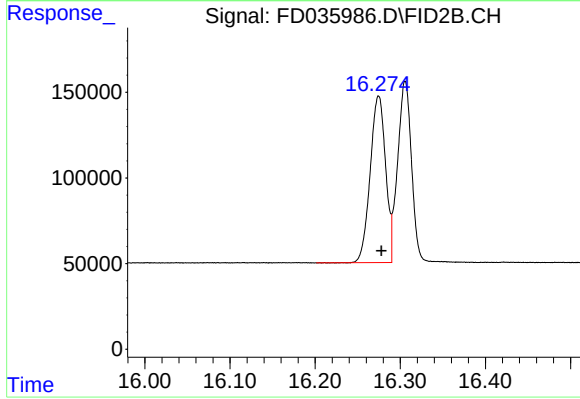
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.728 min
Delta R.T.: -0.003 min
Response: 1314496
Conc: 10.91 ug/ml



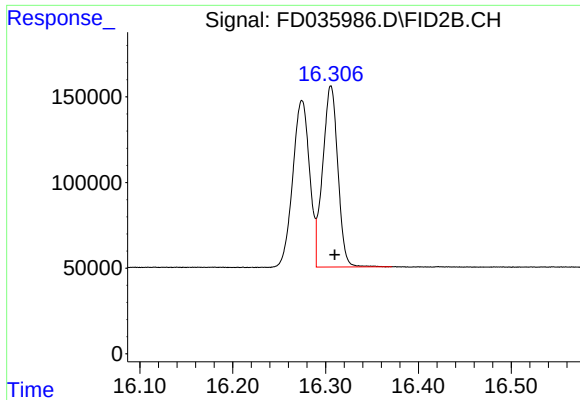
#15 Chrysene (C27.41)

R.T.: 14.770 min
Delta R.T.: -0.004 min
Response: 1364288
Conc: 11.11 ug/ml



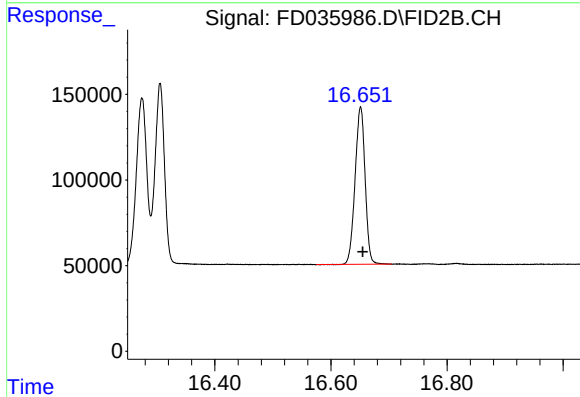
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.274 min
Delta R.T.: -0.003 min
Response: 1220501
Conc: 10.58 ug/ml



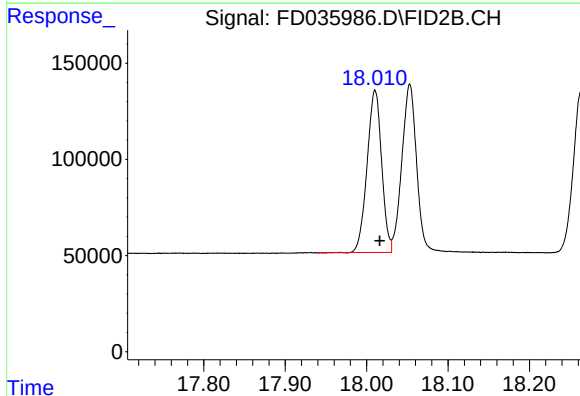
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.306 min
Delta R.T.: -0.004 min
Response: 1200051
Conc: 10.73 ug/ml



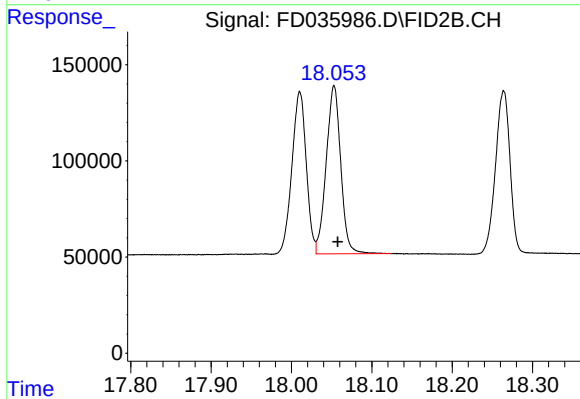
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.651 min
Delta R.T.: -0.004 min
Response: 1101524
Conc: 10.54 ug/ml



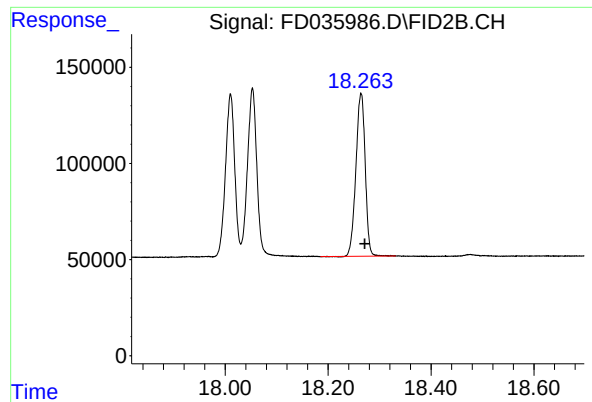
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.010 min
Delta R.T.: -0.006 min
Response: 1047752
Conc: 9.89 ug/ml



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

R.T.: 18.053 min
Delta R.T.: -0.005 min
Response: 1101338
Conc: 10.50 ug/ml



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

R.T.: 18.264 min
Delta R.T.: -0.007 min
Response: 1061367
Conc: 10.21 ug/ml