

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101518A\
 Data File : FD025987.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2018 12:40
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 08:36:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.421	1654369	21.192 ug/ml
Spiked Amount 50.000		Recovery =	42.38%
6) S 2-Fluorobiphenyl (SURR)	8.273	1259746	22.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.72%
11) S ortho-Terphenyl (SURR)	11.317	1989527	23.131 ug/ml
Spiked Amount 50.000		Recovery =	46.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	1732706	20.456 ug/ml
2) T Naphthalene (C11.7)	5.756	1885200	20.583 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	1917335	21.475 ug/ml
5) T Acenaphthylene (C15.06)	8.077	1978974	22.740 ug/ml
7) T Acenaphthene (C15.5)	8.372	2011417	22.135 ug/ml
8) T Fluorene (C16.55)	9.151	2060052	22.927 ug/ml
9) T Phenanthrene (C19.36)	10.541	2210437	23.737 ug/ml
10) T Anthracene (C19.43)	10.615	2008342	21.933 ug/ml
12) T Fluoranthene (C21.85)	12.347	2322383	23.695 ug/ml
13) T Pyrene (C20.8)	12.641	2346448	23.563 ug/ml
14) T Benzo[a]anthracene (C...	14.511	2111719	21.848 ug/ml
15) T Chrysene (C27.41)	14.553	2098462	21.578 ug/ml
16) T benzo[b]fluoranthene ...	16.056	2110443	21.481 ug/ml
17) T Bnezo[k]fluoranthene ...	16.088	2041241	20.937 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	1934134	19.800 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	1509622	15.924 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	1449701	15.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.043	1698208	17.652 ug/ml

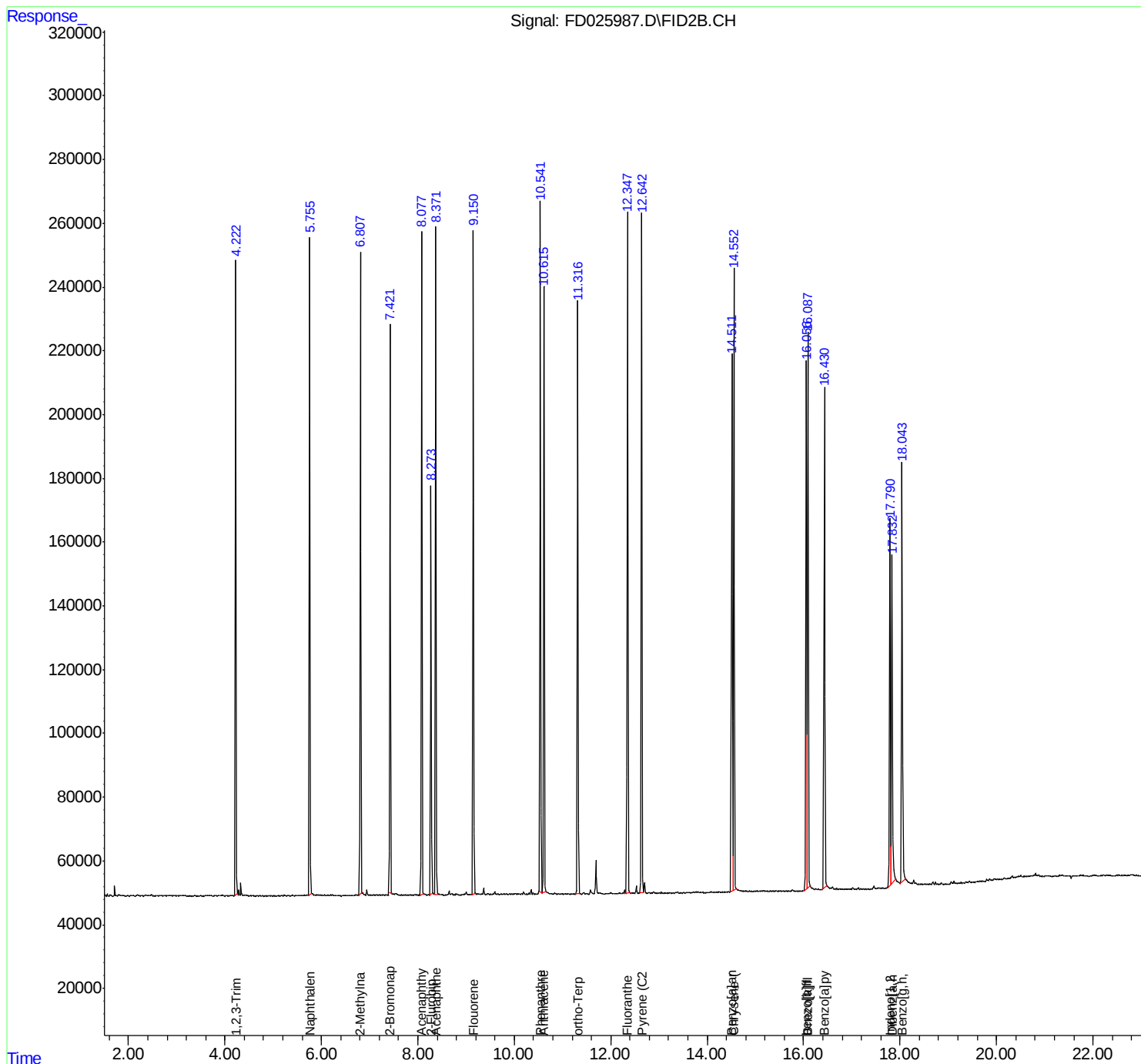
(f)=RT Delta > 1/2 Window

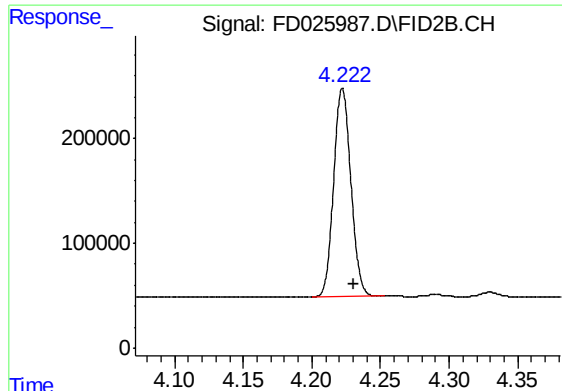
(m)=manual int.

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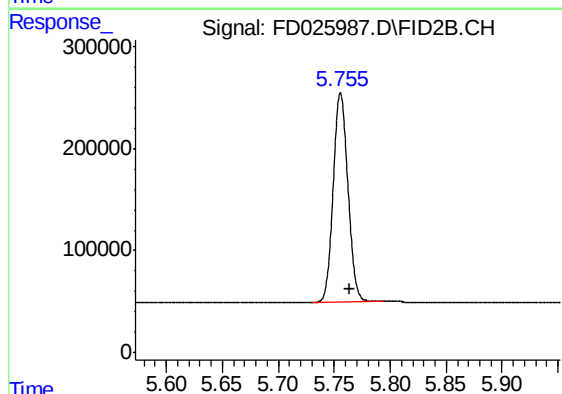
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





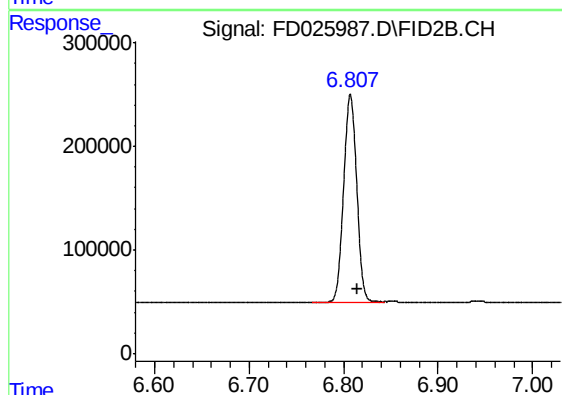
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.008 min
Response: 1732706
Conc: 20.46 ug/ml



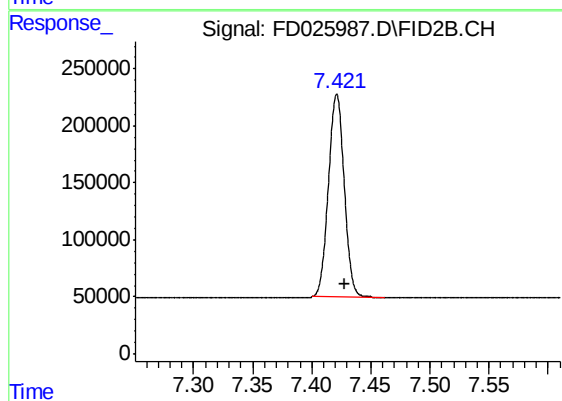
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.008 min
Response: 1885200
Conc: 20.58 ug/ml



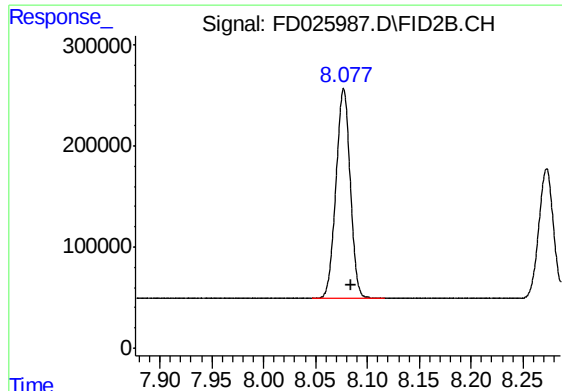
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: -0.007 min
Response: 1917335
Conc: 21.47 ug/ml



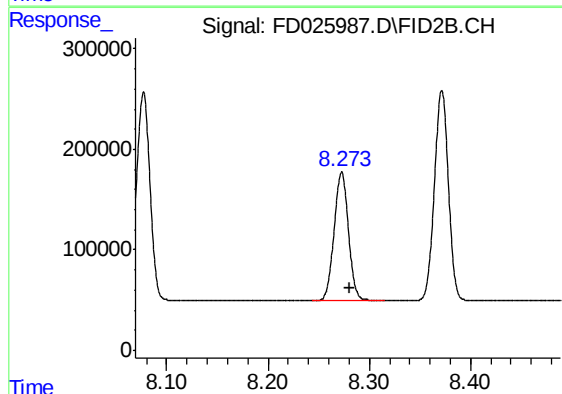
#4 2-Bromonaphthalene (SURR)

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 1654369
Conc: 21.19 ug/ml



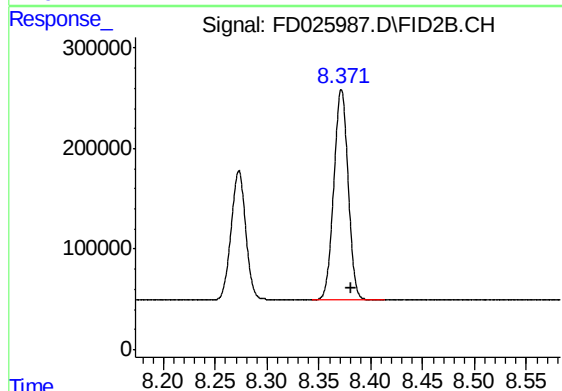
#5 Acenaphthylene (C15.06)

R.T.: 8.077 min
Delta R.T.: -0.007 min
Response: 1978974
Conc: 22.74 ug/ml



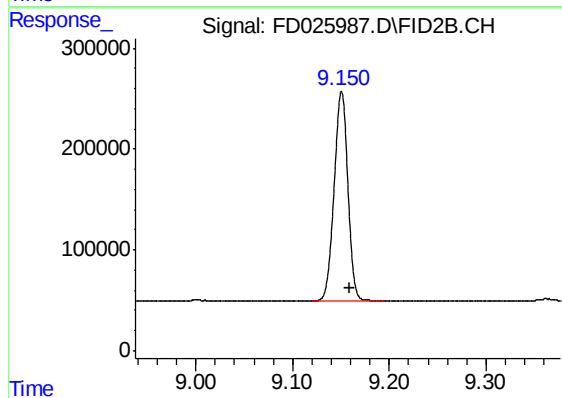
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.273 min
Delta R.T.: -0.008 min
Response: 1259746
Conc: 22.86 ug/ml



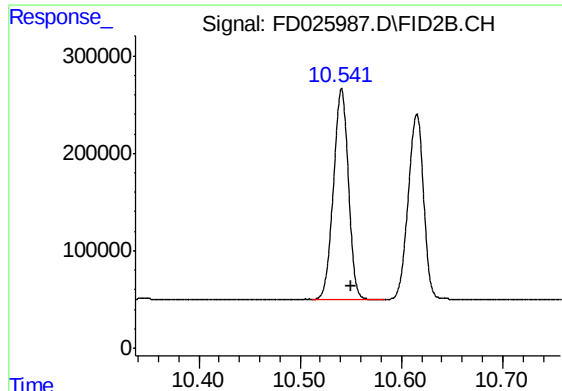
#7 Acenaphthene (C15.5)

R.T.: 8.372 min
Delta R.T.: -0.009 min
Response: 2011417
Conc: 22.14 ug/ml



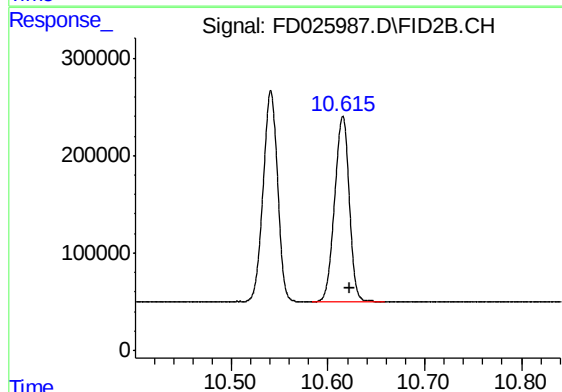
#8 Fluorene (C16.55)

R.T.: 9.151 min
Delta R.T.: -0.008 min
Response: 2060052
Conc: 22.93 ug/ml



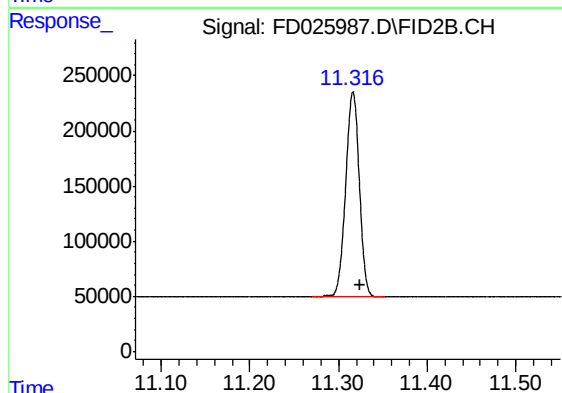
#9 Phenanthrene (C19.36)

R.T.: 10.541 min
Delta R.T.: -0.009 min
Response: 2210437
Conc: 23.74 ug/ml



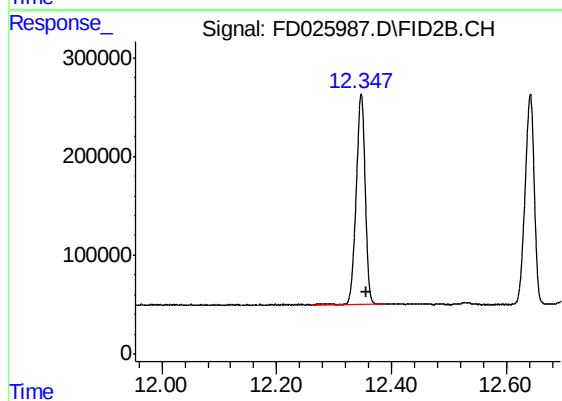
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.008 min
Response: 2008342
Conc: 21.93 ug/ml



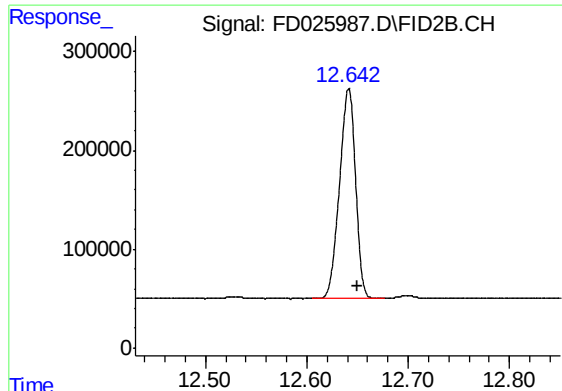
#11 ortho-Terphenyl (SURR)

R.T.: 11.317 min
Delta R.T.: -0.008 min
Response: 1989527
Conc: 23.13 ug/ml



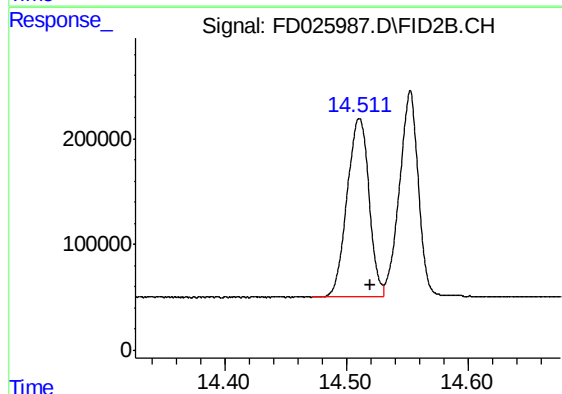
#12 Fluoranthene (C21.85)

R.T.: 12.347 min
Delta R.T.: -0.008 min
Response: 2322383
Conc: 23.69 ug/ml



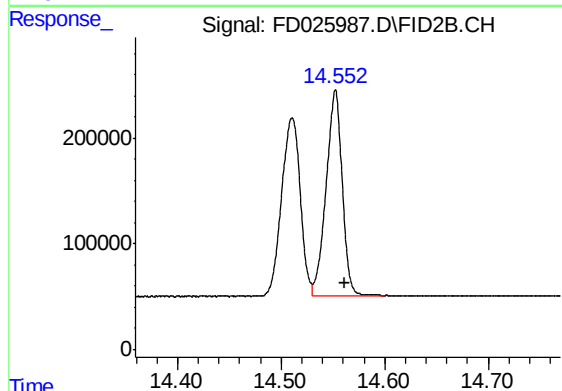
#13 Pyrene (C20.8)

R.T.: 12.641 min
Delta R.T.: -0.009 min
Response: 2346448
Conc: 23.56 ug/ml



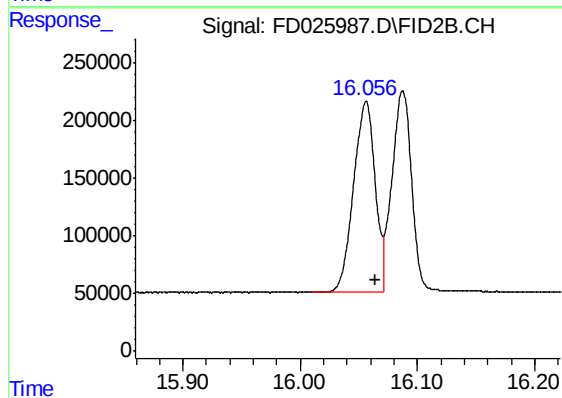
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: -0.009 min
Response: 2111719
Conc: 21.85 ug/ml



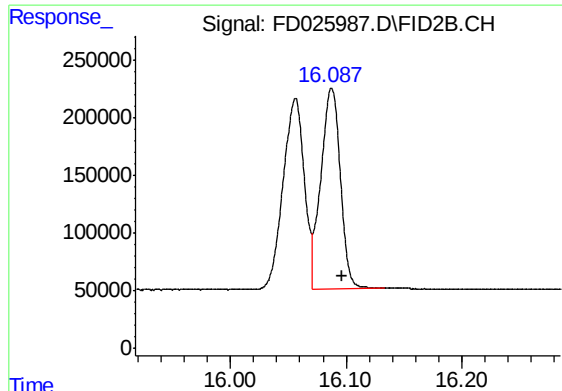
#15 Chrysene (C27.41)

R.T.: 14.553 min
Delta R.T.: -0.009 min
Response: 2098462
Conc: 21.58 ug/ml



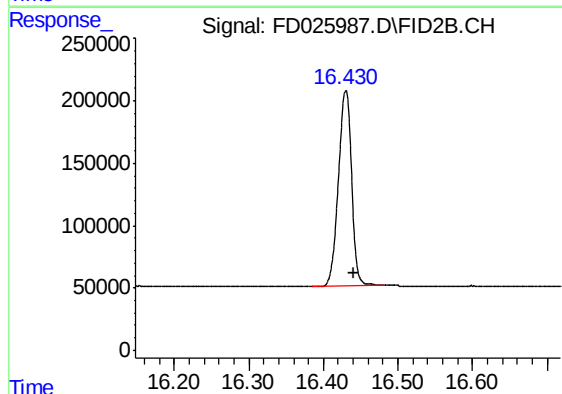
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.056 min
Delta R.T.: -0.008 min
Response: 2110443
Conc: 21.48 ug/ml



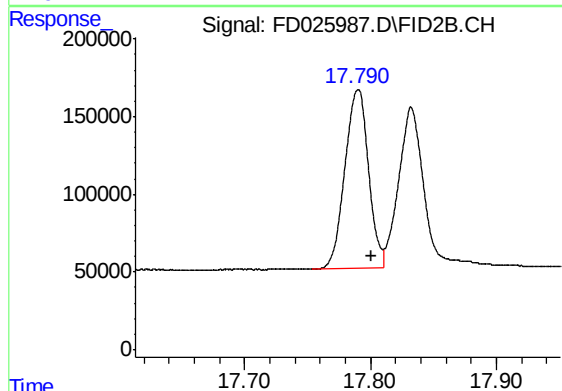
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.088 min
Delta R.T.: -0.009 min
Response: 2041241
Conc: 20.94 ug/ml



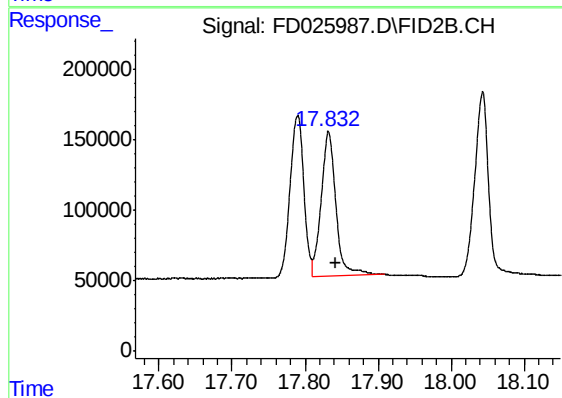
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.010 min
Response: 1934134
Conc: 19.80 ug/ml



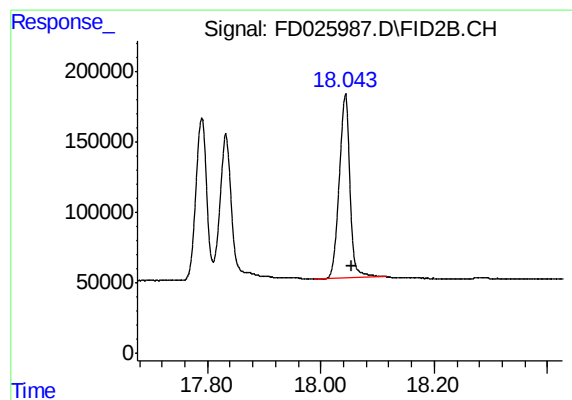
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.011 min
Response: 1509622
Conc: 15.92 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.010 min
Response: 1449701
Conc: 15.66 ug/ml



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

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 1698208
Conc: 17.65 ug/ml