

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022219AR\
 Data File : FD027934.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2019 6:46
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:47:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.336	1776318	23.927 ug/ml
Spiked Amount 50.000		Recovery =	47.85%
6) S 2-Fluorobiphenyl (SURR)	8.183	1151923	22.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.28%
11) S ortho-Terphenyl (SURR)	11.219	1869544	21.090 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.148	1954241	24.726 ug/mlm
2) T Naphthalene (C11.7)	5.673	2079516	24.431 ug/mlm
3) T 2-Methylnaphthalene (...)	6.723	2058233	24.397 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1910112	22.813 ug/ml
7) T Acenaphthene (C15.5)	8.281	2032337	23.121 ug/ml
8) T Fluorene (C16.55)	9.059	1904754	21.841 ug/ml
9) T Phenanthrene (C19.36)	10.443	1812234	20.630 ug/ml
10) T Anthracene (C19.43)	10.517	1910139	22.106 ug/ml
12) T Fluoranthene (C21.85)	12.243	1850453	20.669 ug/ml
13) T Pyrene (C20.8)	12.536	1873042	21.108 ug/ml
14) T Benzo[a]anthracene (C...	14.402	1937642	21.670 ug/ml
15) T Chrysene (C27.41)	14.443	2079544	22.899 ug/ml
16) T benzo[b]fluoranthene ...	15.943	2040204	20.890 ug/ml
17) T Bnezo[k]fluoranthene ...	15.974	2125899	21.501 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.316	2039905	20.863 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.676	1897162	19.131 ug/ml
20) T Dibenz[a,h]anthracene...	17.717	2117883	21.531 ug/ml
21) T Benzo[g,h,i]perylene ...	17.928	2093305	20.648 ug/ml

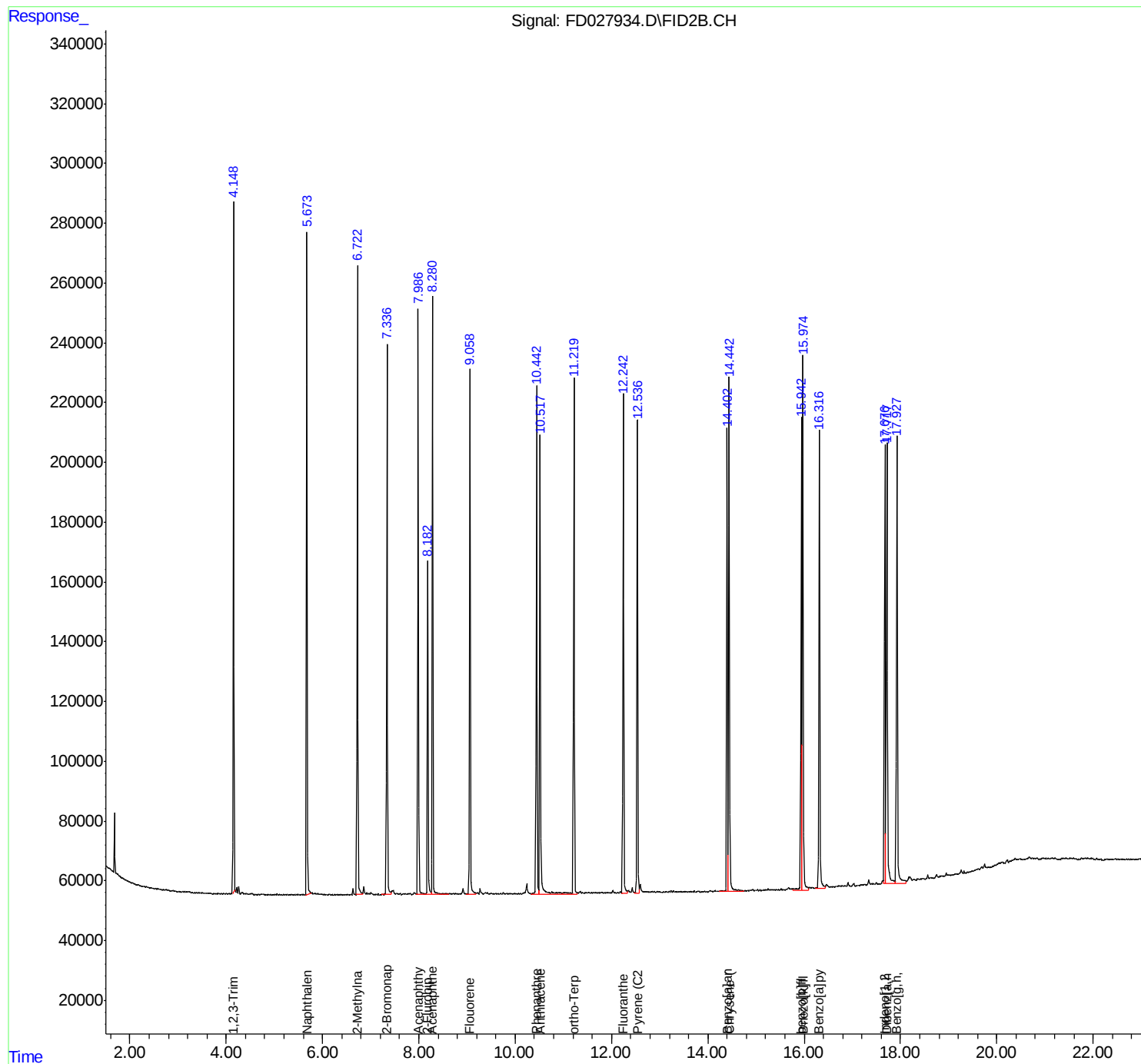
(f)=RT Delta > 1/2 Window

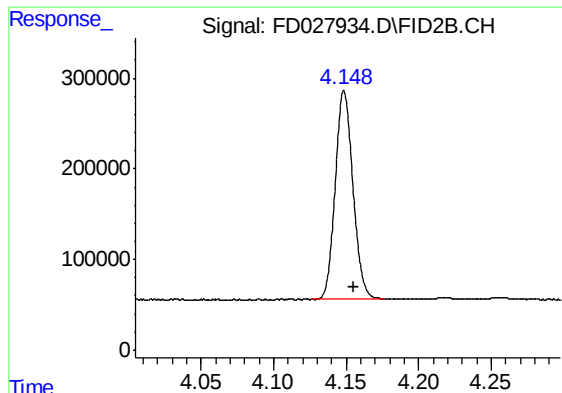
(m)=manual int.

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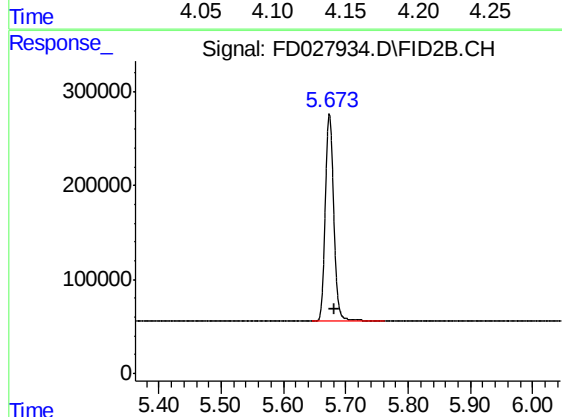
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





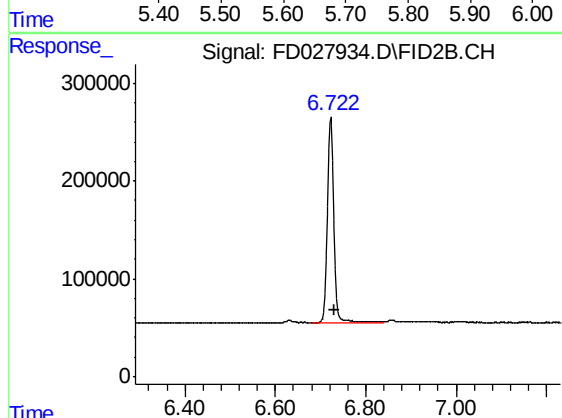
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.148 min
Delta R.T.: -0.007 min
Response: 1954241
Conc: 24.73 ug/ml m



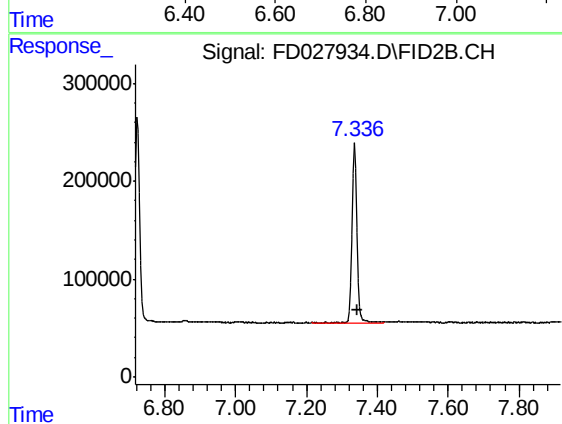
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.009 min
Response: 2079516
Conc: 24.43 ug/ml m



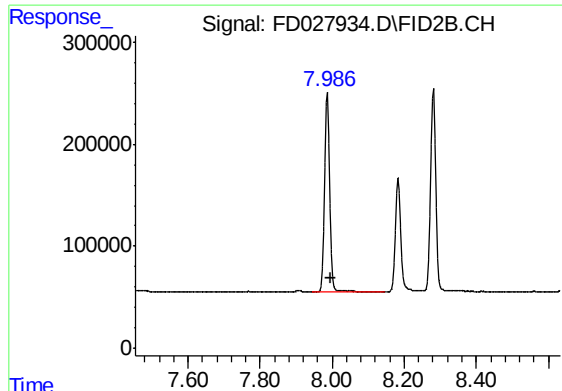
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 2058233
Conc: 24.40 ug/ml



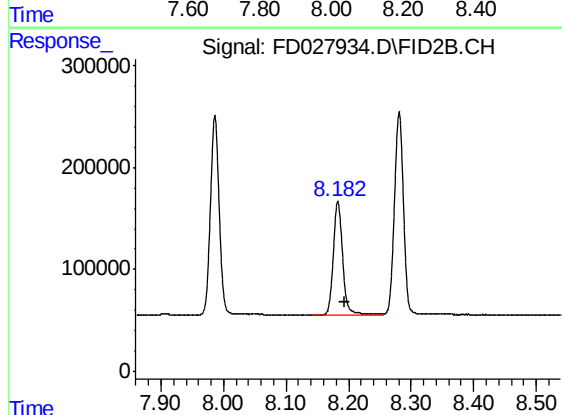
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1776318
Conc: 23.93 ug/ml



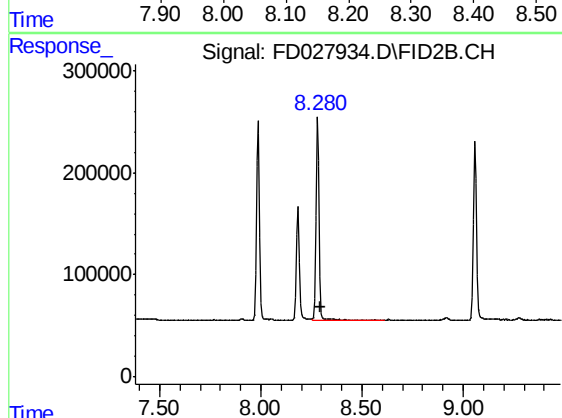
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 1910112
Conc: 22.81 ug/ml



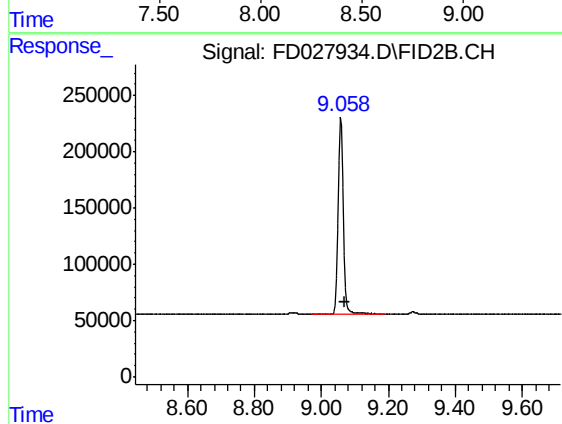
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: -0.011 min
Response: 1151923
Conc: 22.64 ug/ml



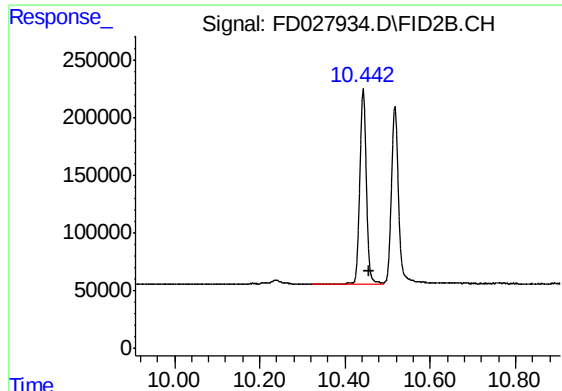
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: -0.011 min
Response: 2032337
Conc: 23.12 ug/ml



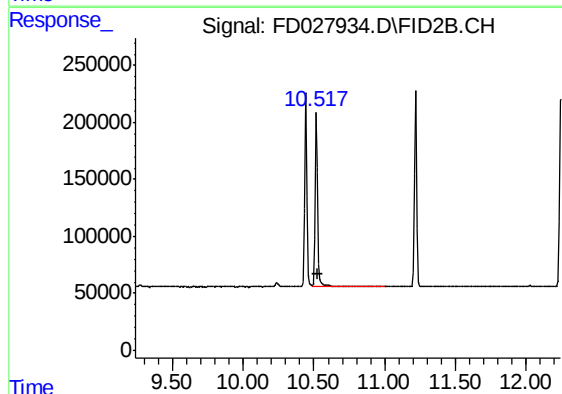
#8 Flouorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 1904754
Conc: 21.84 ug/ml



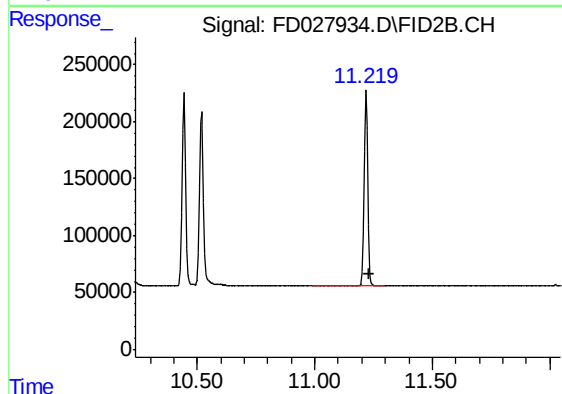
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.013 min
Response: 1812234
Conc: 20.63 ug/ml



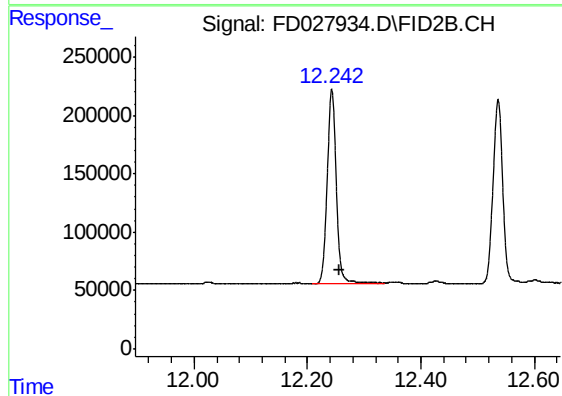
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 1910139
Conc: 22.11 ug/ml



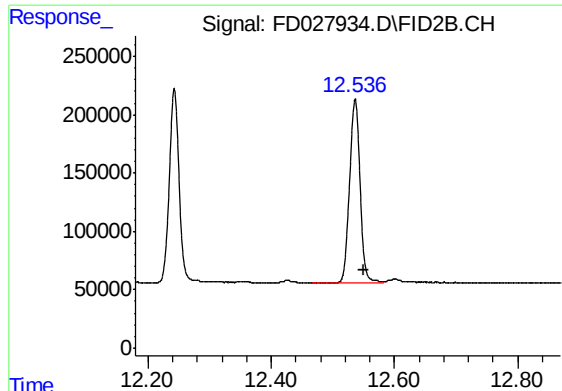
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 1869544
Conc: 21.09 ug/ml



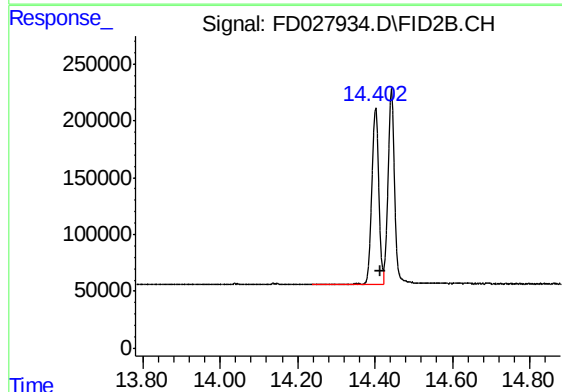
#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.014 min
Response: 1850453
Conc: 20.67 ug/ml



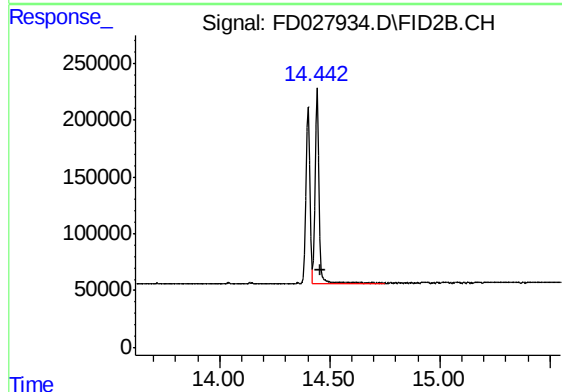
#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: -0.014 min
Response: 1873042
Conc: 21.11 ug/ml



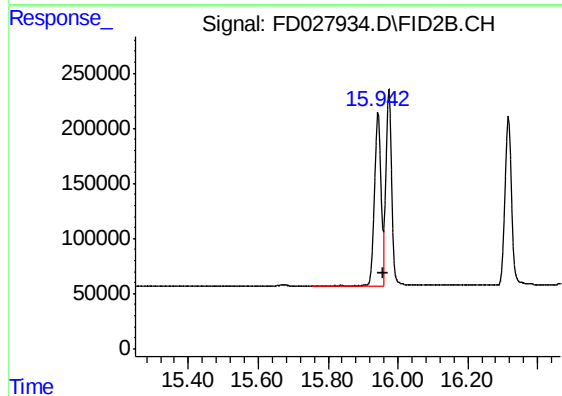
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.014 min
Response: 1937642
Conc: 21.67 ug/ml



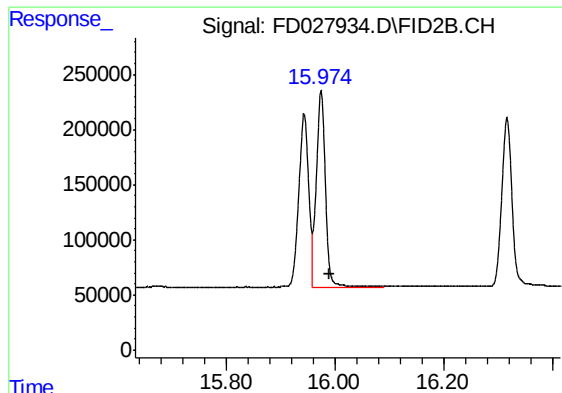
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.015 min
Response: 2079544
Conc: 22.90 ug/ml



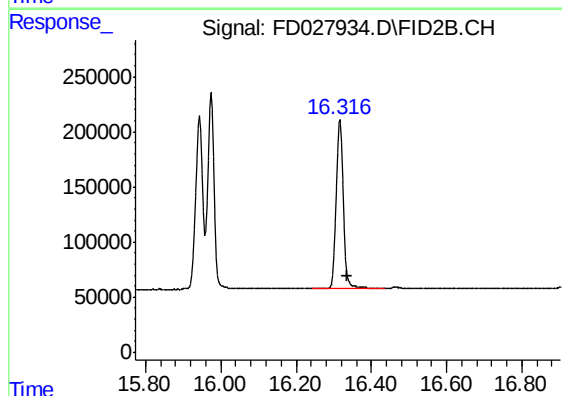
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.943 min
Delta R.T.: -0.015 min
Response: 2040204
Conc: 20.89 ug/ml



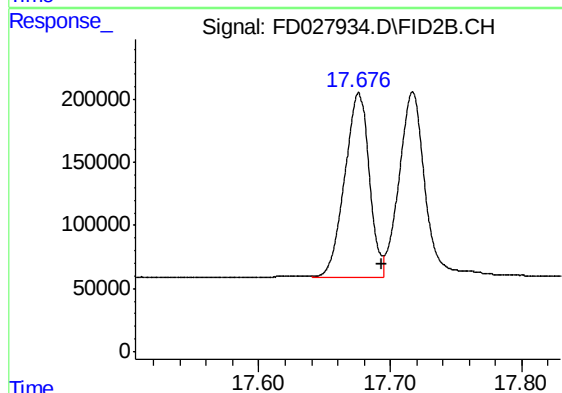
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.974 min
Delta R.T.: -0.016 min
Response: 2125899
Conc: 21.50 ug/ml



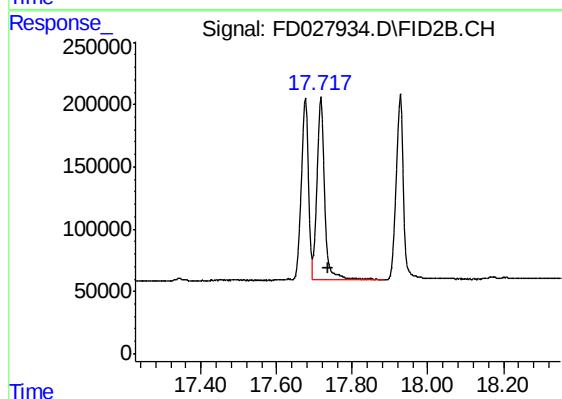
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.316 min
Delta R.T.: -0.018 min
Response: 2039905
Conc: 20.86 ug/ml



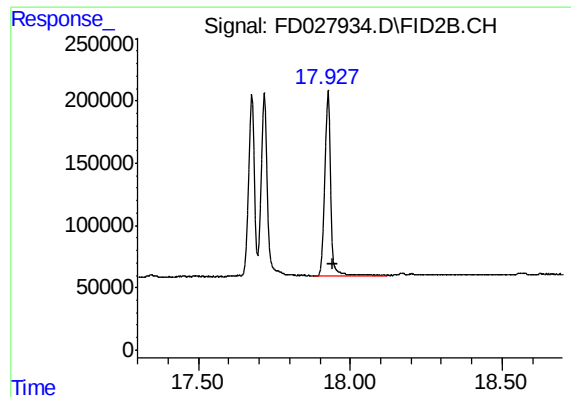
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.676 min
Delta R.T.: -0.018 min
Response: 1897162
Conc: 19.13 ug/ml



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

R.T.: 17.717 min
Delta R.T.: -0.017 min
Response: 2117883
Conc: 21.53 ug/ml



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

R.T.: 17.928 min
Delta R.T.: -0.016 min
Response: 2093305
Conc: 20.65 ug/ml