

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022719AR\
 Data File : FD027988.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2019 23:28
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:07:55 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...	7.334	1684415	22.689 ug/ml
Spiked Amount 50.000		Recovery =	45.38%
6) S 2-Fluorobiphenyl (SURR)	8.182	1107943	21.776 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.55%
11) S ortho-Terphenyl (SURR)	11.217	1880190	21.210 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.146	1980310	25.056 ug/ml
2) T Naphthalene (C11.7)	5.671	2011826	23.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	1952346	23.142 ug/ml
5) T Acenaphthylene (C15.06)	7.985	1824003	21.785 ug/ml
7) T Acenaphthene (C15.5)	8.279	1937094	22.038 ug/ml
8) T Fluorene (C16.55)	9.057	1834729	21.038 ug/ml
9) T Phenanthrene (C19.36)	10.442	1837167	20.914 ug/ml
10) T Anthracene (C19.43)	10.516	1832683	21.209 ug/ml
12) T Fluoranthene (C21.85)	12.242	1938078	21.648 ug/ml
13) T Pyrene (C20.8)	12.534	1914582	21.576 ug/ml
14) T Benzo[a]anthracene (C...	14.401	1952261	21.834 ug/ml
15) T Chrysene (C27.41)	14.442	2084210	22.951 ug/ml
16) T benzo[b]fluoranthene ...	15.941	1995265	20.429 ug/ml
17) T Bnezo[k]fluoranthene ...	15.974	2126815	21.510 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.315	2017419	20.633 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.675	1672287	16.863 ug/ml
20) T Dibenz[a,h]anthracene...	17.716	1700308	17.286 ug/ml
21) T Benzo[g,h,i]perylene ...	17.923	1869830	18.444 ug/ml

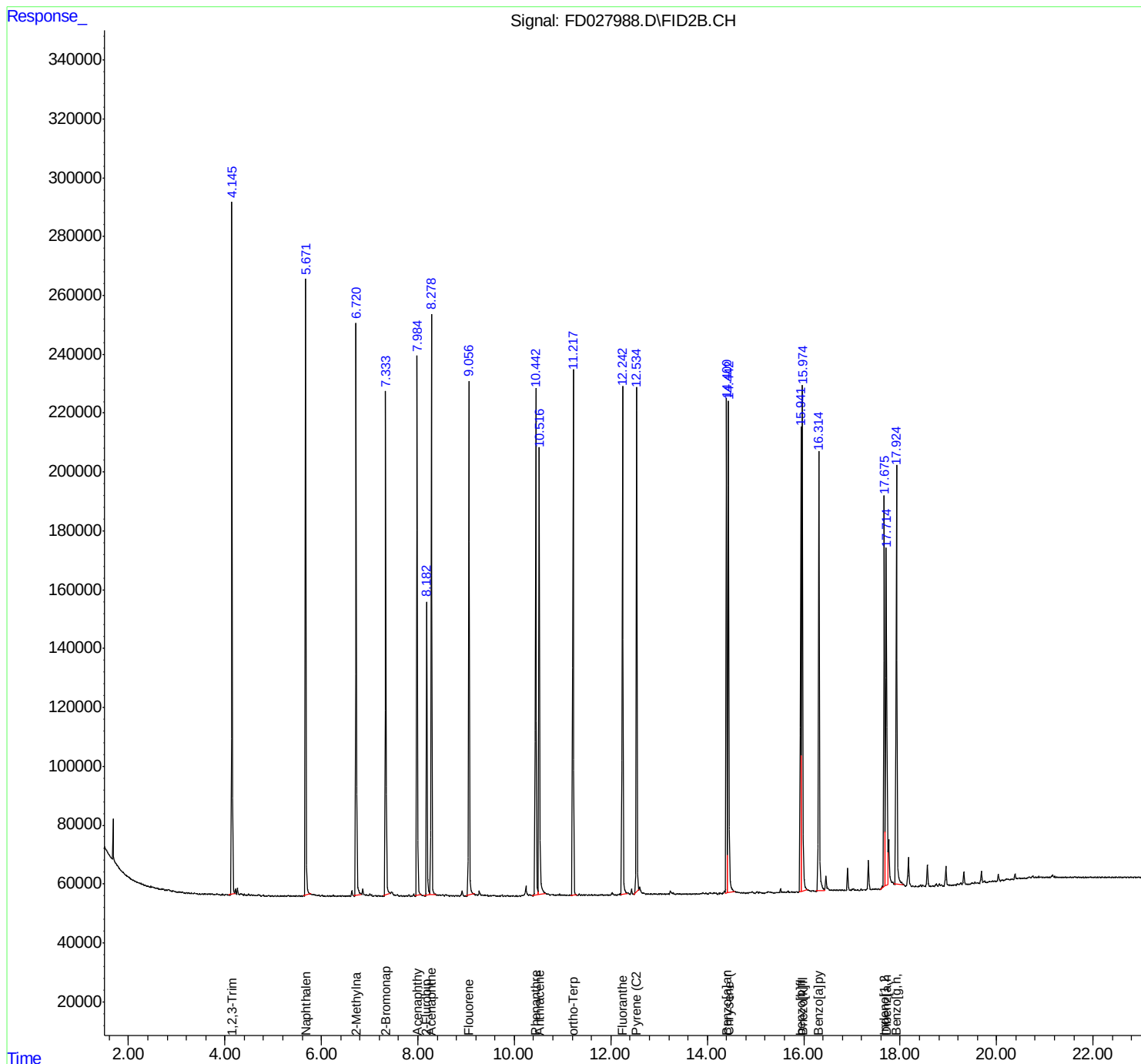
(f)=RT Delta > 1/2 Window

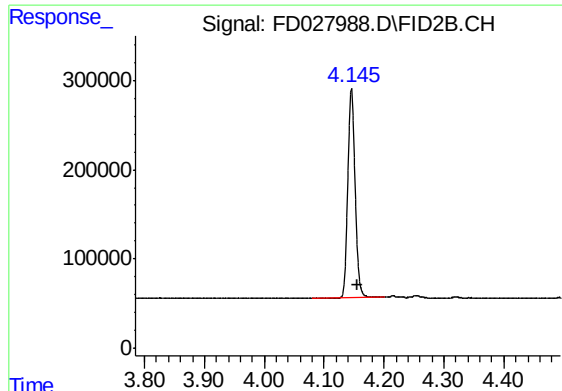
(m)=manual int.

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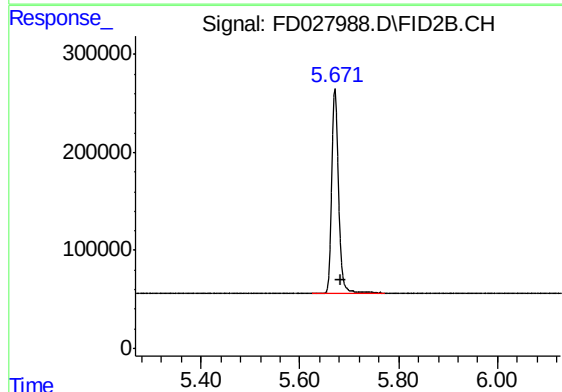
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





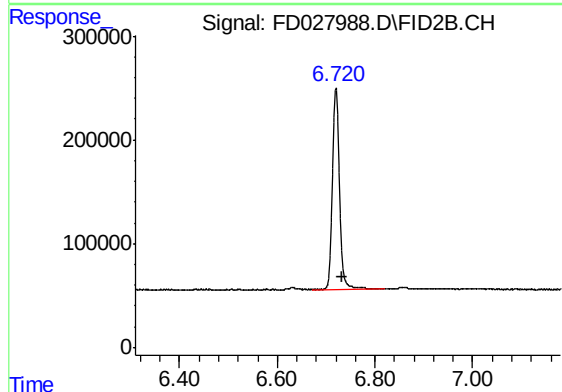
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.146 min
Delta R.T.: -0.009 min
Response: 1980310
Conc: 25.06 ug/ml



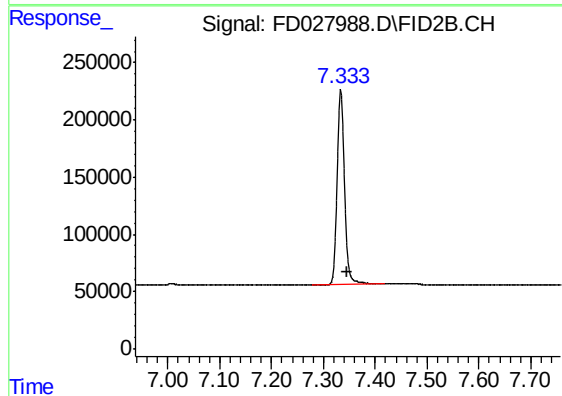
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.011 min
Response: 2011826
Conc: 23.64 ug/ml



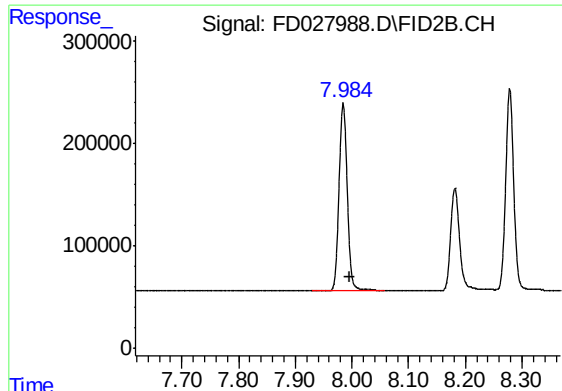
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.011 min
Response: 1952346
Conc: 23.14 ug/ml



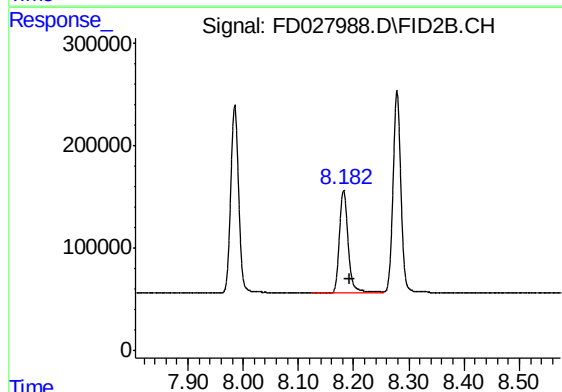
#4 2-Bromonaphthalene (SURR)

R.T.: 7.334 min
Delta R.T.: -0.012 min
Response: 1684415
Conc: 22.69 ug/ml



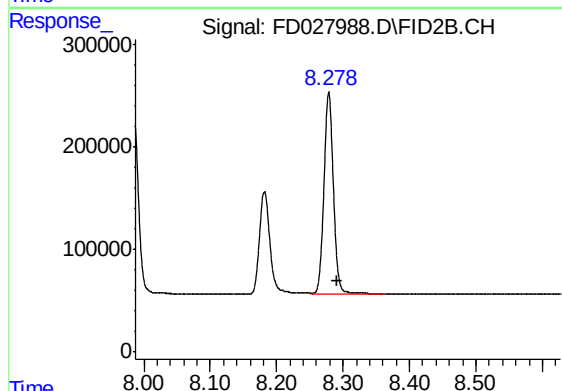
#5 Acenaphthylene (C15.06)

R.T.: 7.985 min
Delta R.T.: -0.012 min
Response: 1824003
Conc: 21.78 ug/ml



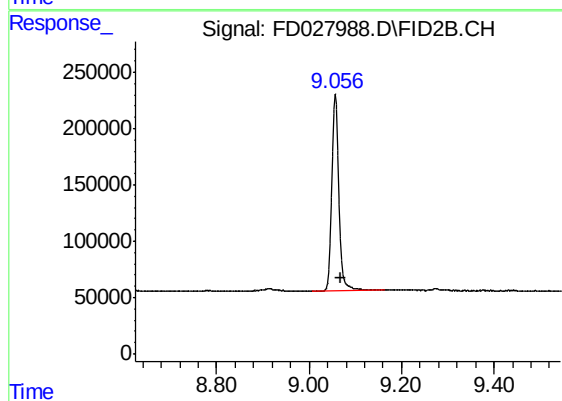
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 1107943
Conc: 21.78 ug/ml



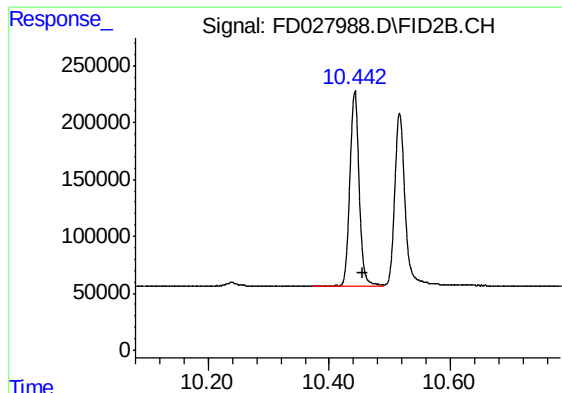
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.013 min
Response: 1937094
Conc: 22.04 ug/ml



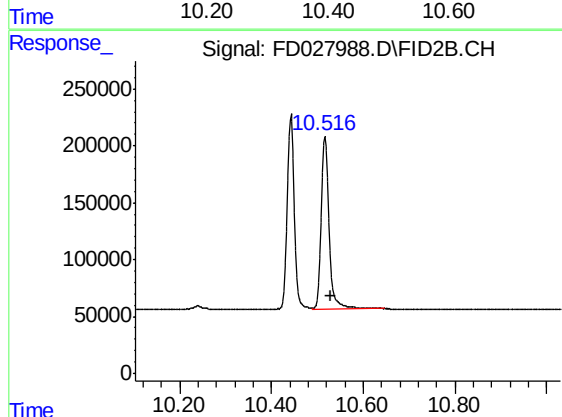
#8 Flouorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 1834729
Conc: 21.04 ug/ml



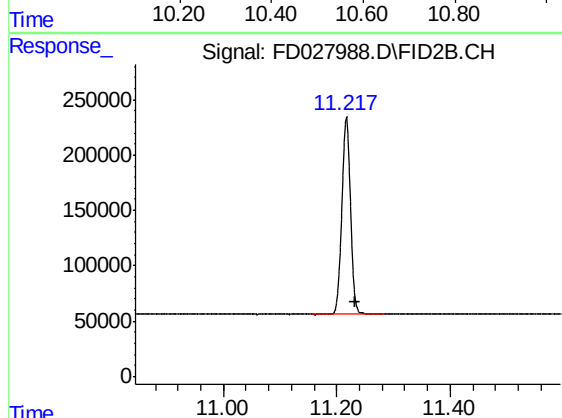
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: -0.013 min
Response: 1837167
Conc: 20.91 ug/ml



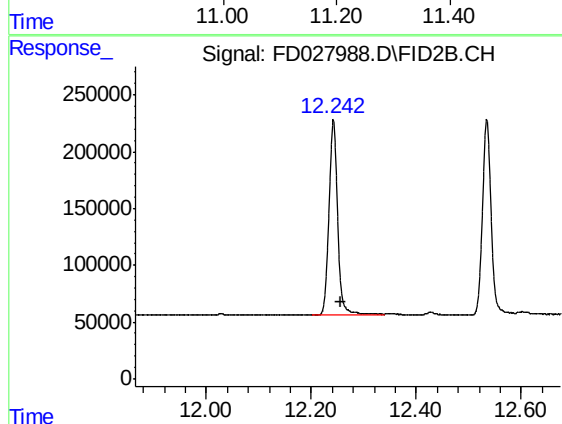
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.013 min
Response: 1832683
Conc: 21.21 ug/ml



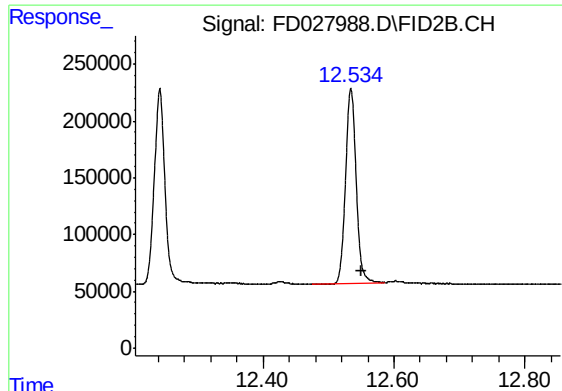
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 1880190
Conc: 21.21 ug/ml



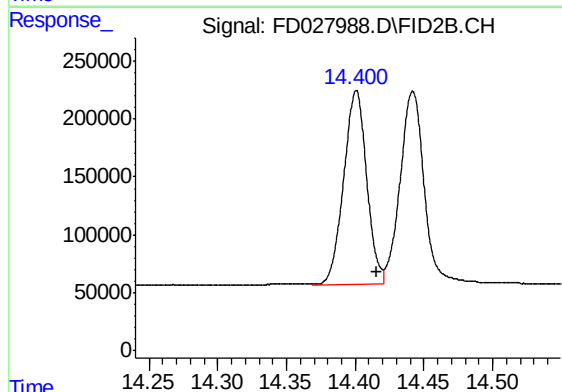
#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.015 min
Response: 1938078
Conc: 21.65 ug/ml



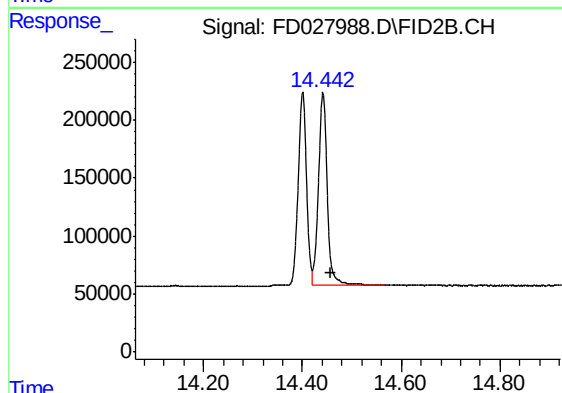
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.016 min
Response: 1914582
Conc: 21.58 ug/ml



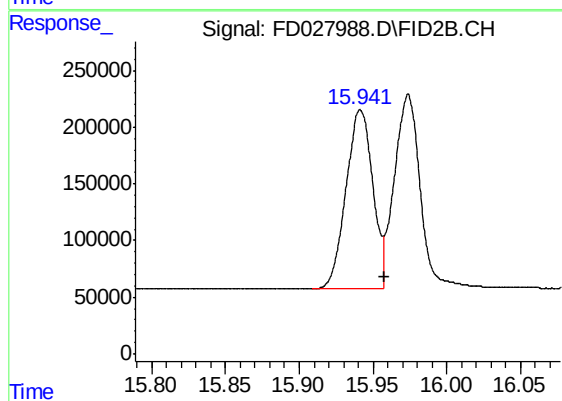
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.401 min
Delta R.T.: -0.015 min
Response: 1952261
Conc: 21.83 ug/ml



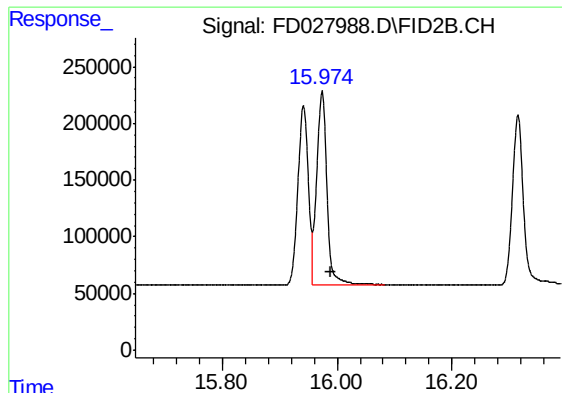
#15 Chrysene (C27.41)

R.T.: 14.442 min
Delta R.T.: -0.016 min
Response: 2084210
Conc: 22.95 ug/ml



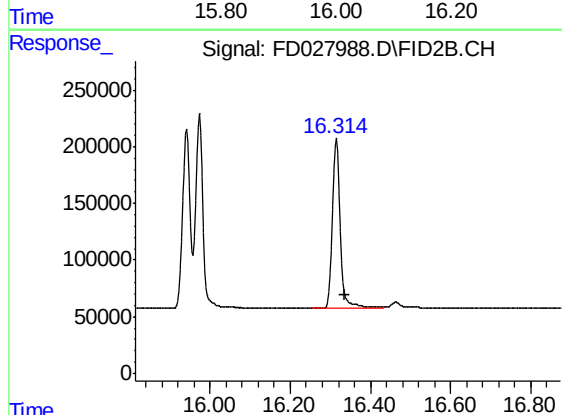
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.941 min
Delta R.T.: -0.017 min
Response: 1995265
Conc: 20.43 ug/ml m



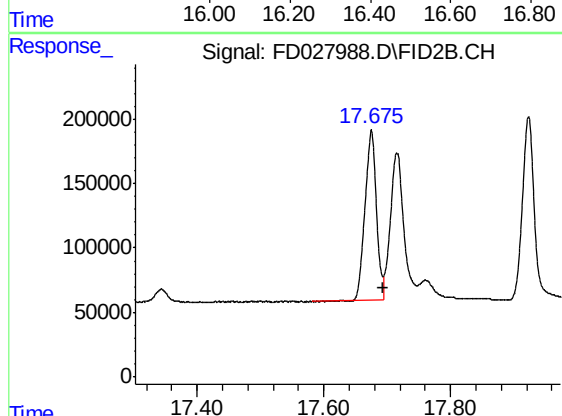
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.974 min
Delta R.T.: -0.016 min
Response: 2126815
Conc: 21.51 ug/ml



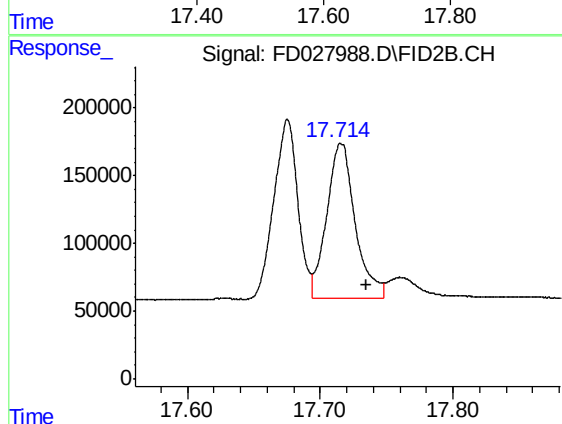
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.315 min
Delta R.T.: -0.019 min
Response: 2017419
Conc: 20.63 ug/ml



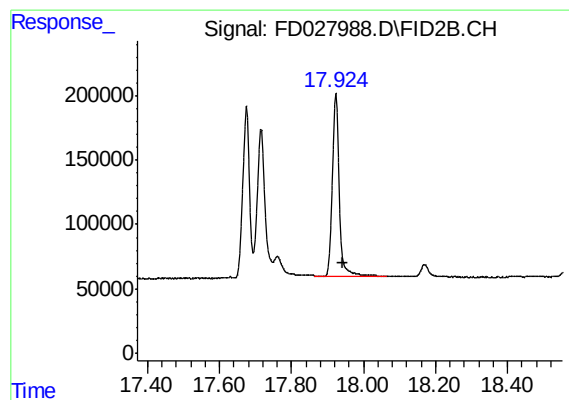
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.675 min
Delta R.T.: -0.018 min
Response: 1672287
Conc: 16.86 ug/ml



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

R.T.: 17.716 min
Delta R.T.: -0.019 min
Response: 1700308
Conc: 17.29 ug/ml



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

R.T.: 17.923 min
Delta R.T.: -0.020 min
Response: 1869830
Conc: 18.44 ug/ml