

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012119AR\
 Data File : FD027352.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2019 14:25
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 14:48:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.355	1710118	18.103 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
6) S 2-Fluorobiphenyl (SURR)	8.205	1188309	18.634 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.27%
11) S ortho-Terphenyl (SURR)	11.245	2093012	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.162	1846255	18.210 ug/ml
2) T Naphthalene (C11.7)	5.691	1956822	18.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	1944132	18.197 ug/ml
5) T Acenaphthylene (C15.06)	8.009	1922604	18.693 ug/ml
7) T Acenaphthene (C15.5)	8.303	2012212	18.678 ug/ml
8) T Fluorene (C16.55)	9.082	2014661	18.922 ug/ml
9) T Phenanthrene (C19.36)	10.469	2093722	19.846 ug/ml
10) T Anthracene (C19.43)	10.543	2069506	19.829 ug/ml
12) T Fluoranthene (C21.85)	12.272	2172150	20.857 ug/ml
13) T Pyrene (C20.8)	12.566	2181175	21.124 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2151541	21.937 ug/ml
15) T Chrysene (C27.41)	14.475	2162494	21.995 ug/ml
16) T benzo[b]fluoranthene ...	15.980	2182940	21.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.011	2217436	21.939 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.353	2156162	21.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	1942572	18.614 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	1992092	19.447 ug/ml
21) T Benzo[g,h,i]perylene ...	17.967	2011988	19.084 ug/ml

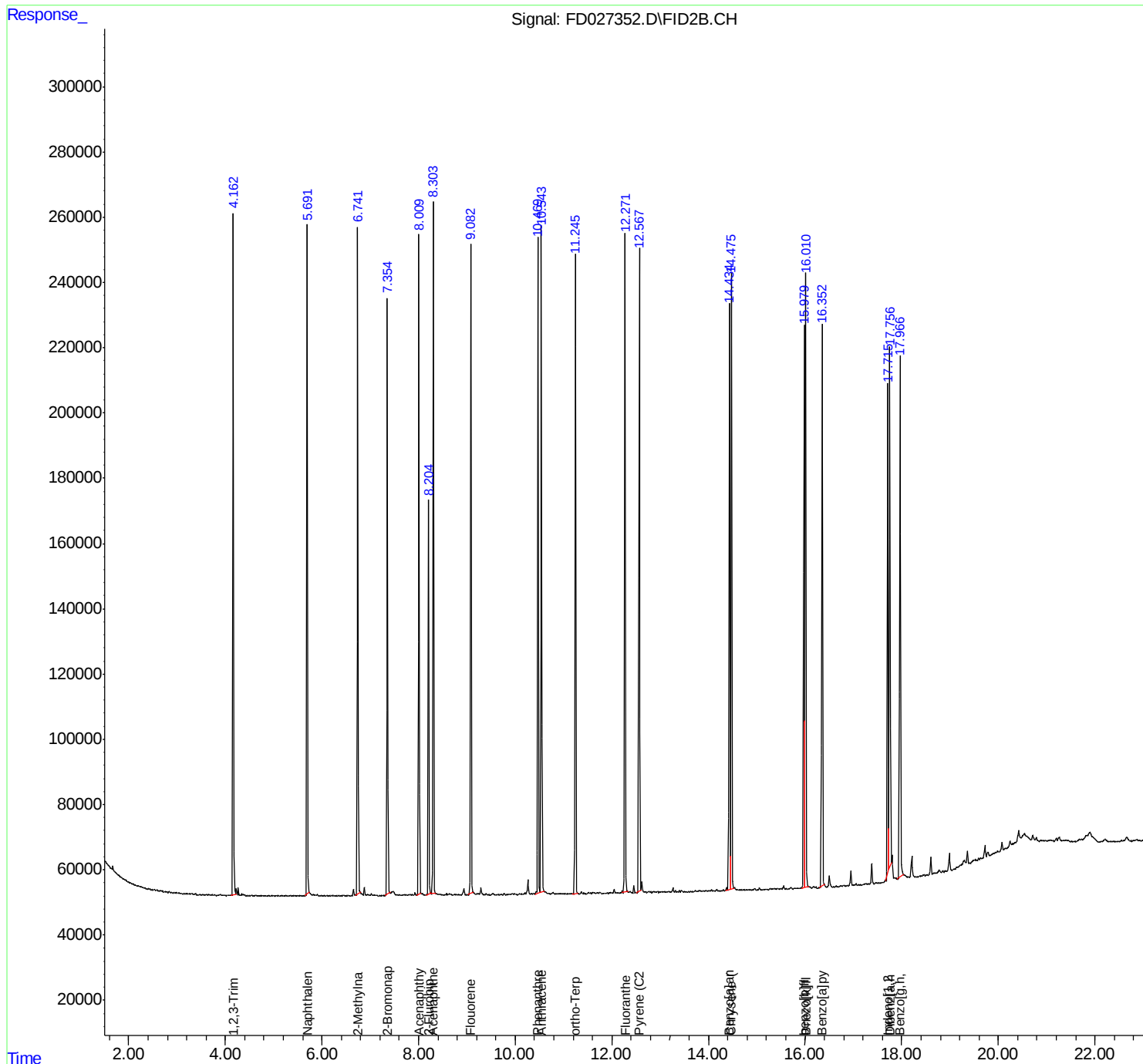
(f)=RT Delta > 1/2 Window

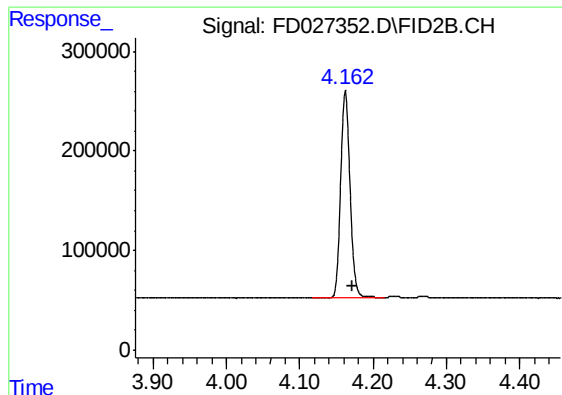
(m)=manual int.

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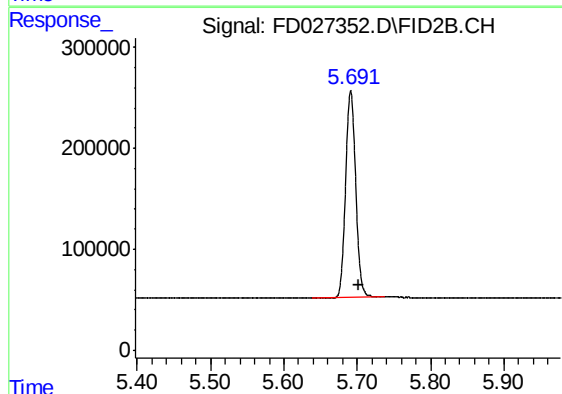
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





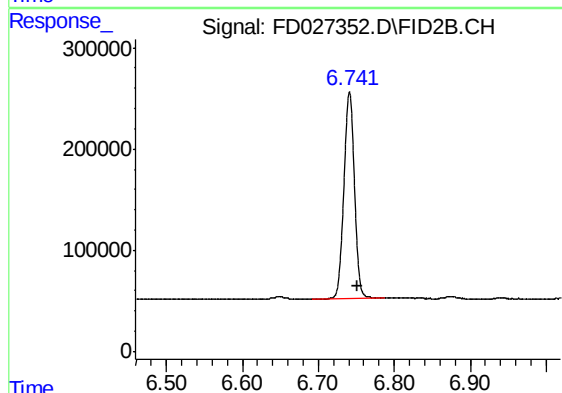
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.162 min
Delta R.T.: -0.009 min
Response: 1846255
Conc: 18.21 ug/ml



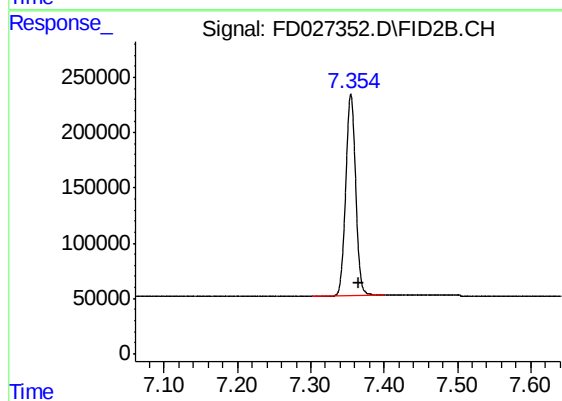
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.011 min
Response: 1956822
Conc: 18.08 ug/ml



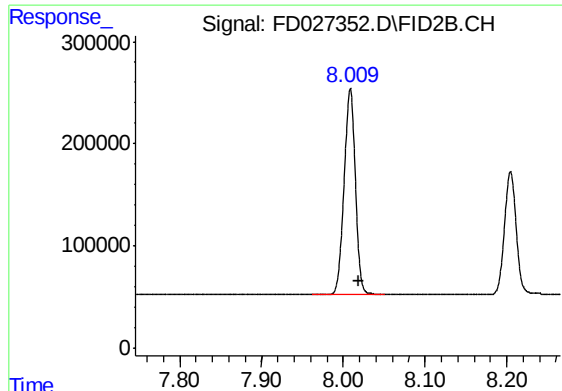
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.011 min
Response: 1944132
Conc: 18.20 ug/ml



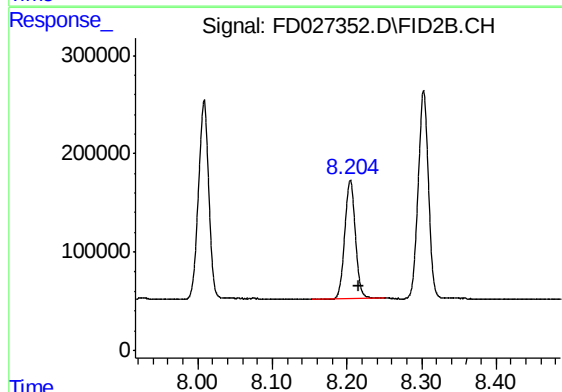
#4 2-Bromonaphthalene (SURR)

R.T.: 7.355 min
Delta R.T.: -0.011 min
Response: 1710118
Conc: 18.10 ug/ml



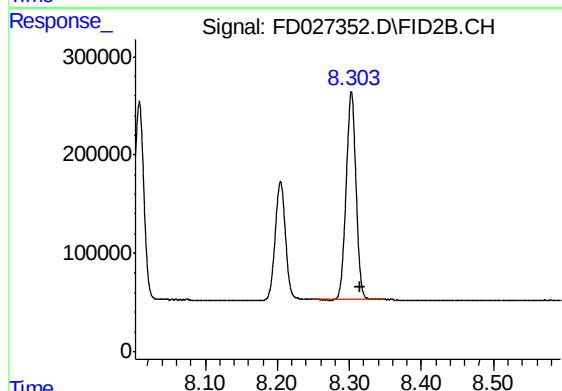
#5 Acenaphthylene (C15.06)

R.T.: 8.009 min
Delta R.T.: -0.011 min
Response: 1922604
Conc: 18.69 ug/ml



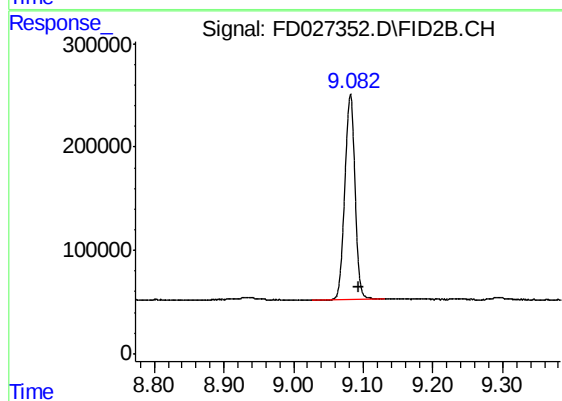
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: -0.011 min
Response: 1188309
Conc: 18.63 ug/ml



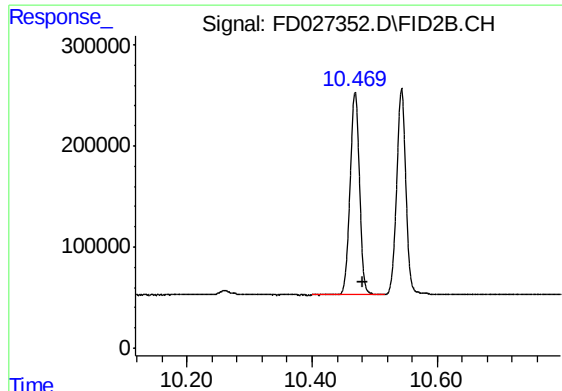
#7 Acenaphthene (C15.5)

R.T.: 8.303 min
Delta R.T.: -0.011 min
Response: 2012212
Conc: 18.68 ug/ml



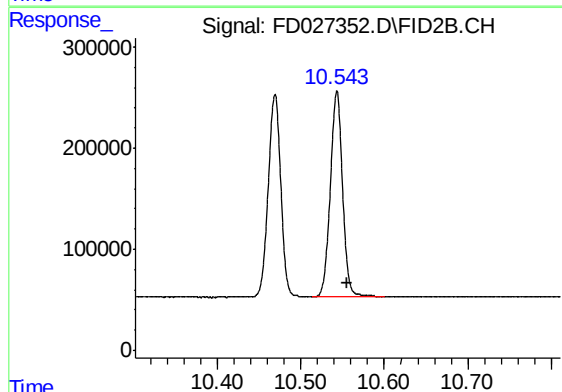
#8 Flouorene (C16.55)

R.T.: 9.082 min
Delta R.T.: -0.011 min
Response: 2014661
Conc: 18.92 ug/ml



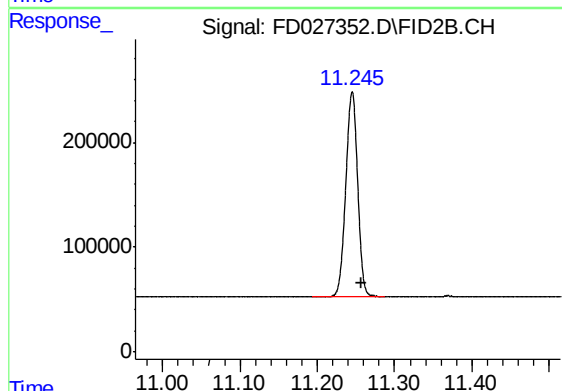
#9 Phenanthrene (C19.36)

R.T.: 10.469 min
Delta R.T.: -0.012 min
Response: 2093722
Conc: 19.85 ug/ml



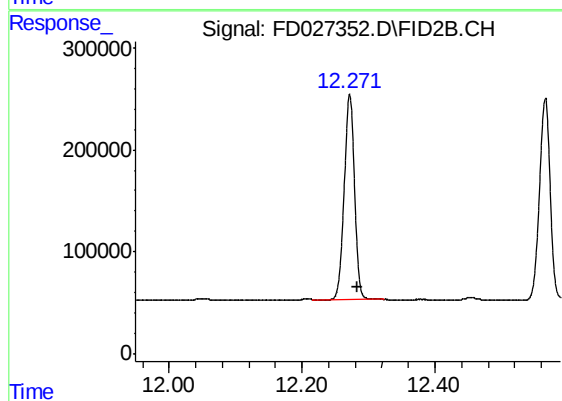
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.012 min
Response: 2069506
Conc: 19.83 ug/ml



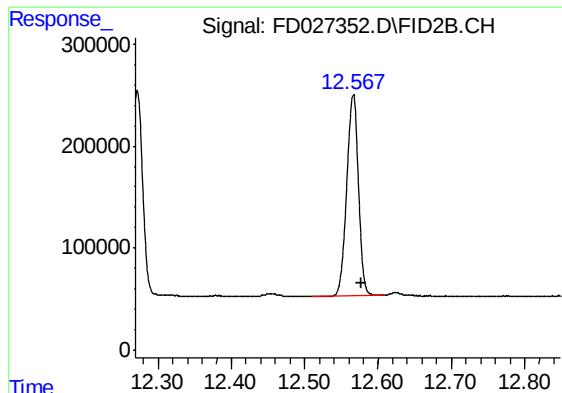
#11 ortho-Terphenyl (SURR)

R.T.: 11.245 min
Delta R.T.: -0.012 min
Response: 2093012
Conc: 19.64 ug/ml



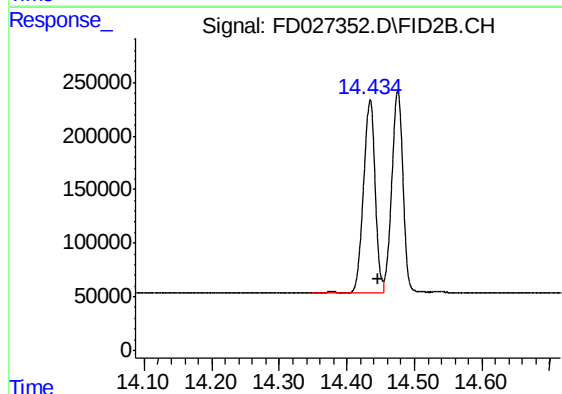
#12 Fluoranthene (C21.85)

R.T.: 12.272 min
Delta R.T.: -0.012 min
Response: 2172150
Conc: 20.86 ug/ml



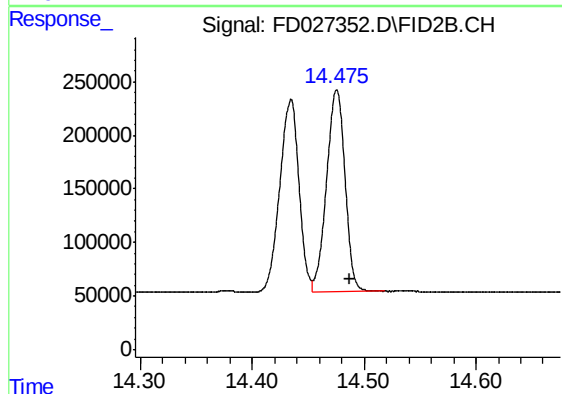
#13 Pyrene (C20.8)

R.T.: 12.566 min
Delta R.T.: -0.011 min
Response: 2181175
Conc: 21.12 ug/ml



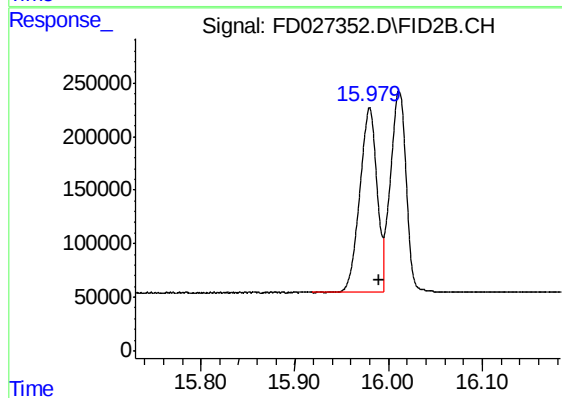
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: -0.011 min
Response: 2151541
Conc: 21.94 ug/ml



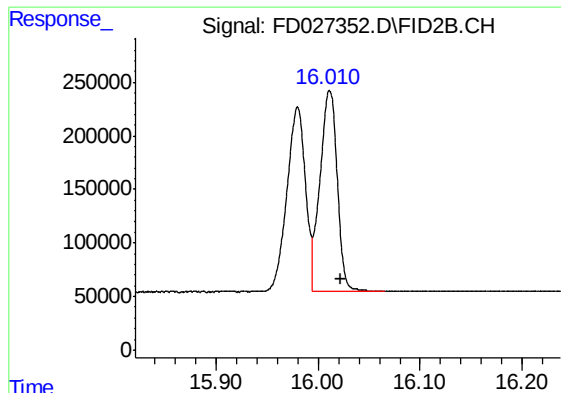
#15 Chrysene (C27.41)

R.T.: 14.475 min
Delta R.T.: -0.011 min
Response: 2162494
Conc: 21.99 ug/ml



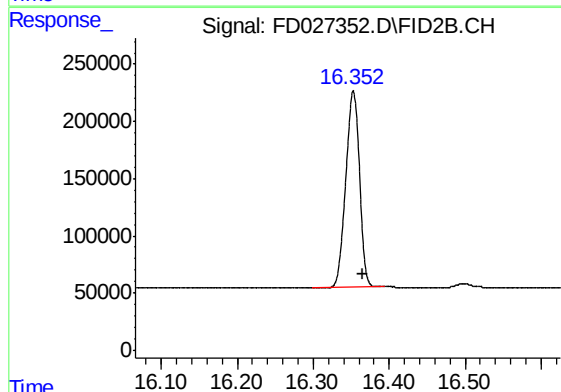
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: -0.010 min
Response: 2182940
Conc: 21.60 ug/ml



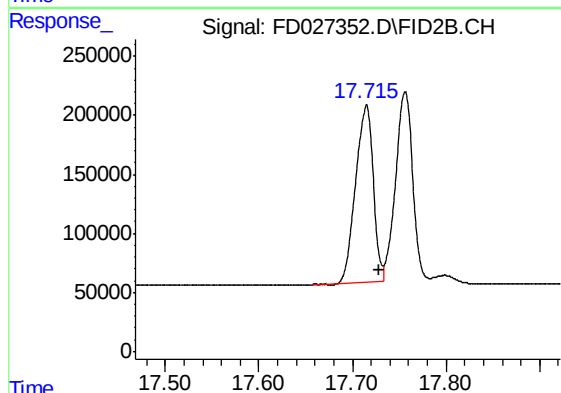
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.011 min
Delta R.T.: -0.011 min
Response: 2217436
Conc: 21.94 ug/ml



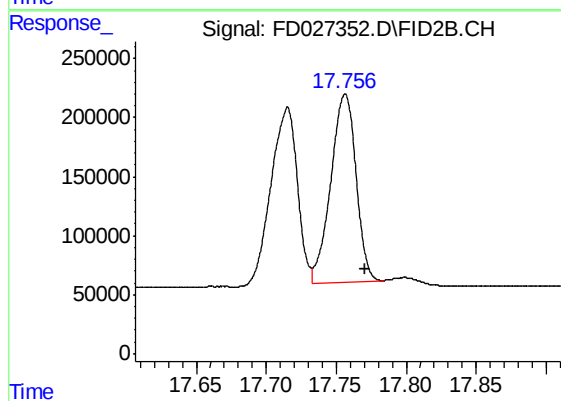
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.353 min
Delta R.T.: -0.013 min
Response: 2156162
Conc: 21.32 ug/ml



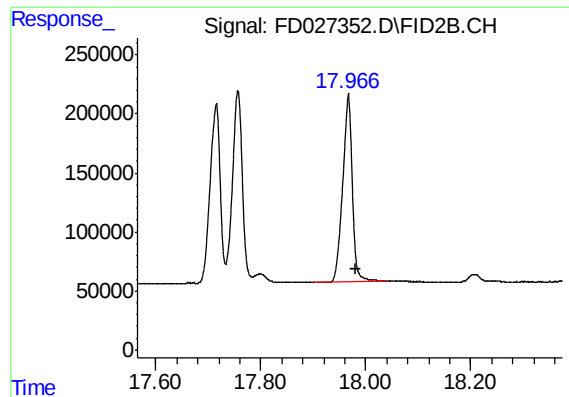
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.013 min
Response: 1942572
Conc: 18.61 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.014 min
Response: 1992092
Conc: 19.45 ug/ml



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

R.T.: 17.967 min
Delta R.T.: -0.013 min
Response: 2011988
Conc: 19.08 ug/ml