

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120118AR\
 Data File : FD026700.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2018 16:56
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 03 03:27:54 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 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...	7.382	1754866	23.112 ug/ml
Spiked Amount 50.000		Recovery =	46.22%
6) S 2-Fluorobiphenyl (SURR)	8.232	1185757	22.677 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.35%
11) S ortho-Terphenyl (SURR)	11.275	1965279	23.186 ug/ml
Spiked Amount 50.000		Recovery =	46.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1919503	24.047 ug/ml
2) T Naphthalene (C11.7)	5.716	2039393	23.238 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	2009290	23.182 ug/ml
5) T Acenaphthylene (C15.06)	8.036	1923211	22.690 ug/ml
7) T Acenaphthene (C15.5)	8.332	2011485	22.751 ug/ml
8) T Fluorene (C16.55)	9.110	1978006	22.444 ug/ml
9) T Phenanthrene (C19.36)	10.498	1948145	22.191 ug/ml
10) T Anthracene (C19.43)	10.573	1937262	22.127 ug/ml
12) T Fluoranthene (C21.85)	12.302	1957821	22.480 ug/ml
13) T Pyrene (C20.8)	12.596	1960072	22.614 ug/ml
14) T Benzo[a]anthracene (C...	14.464	1897061	22.309 ug/ml
15) T Chrysene (C27.41)	14.506	1916887	22.368 ug/ml
16) T benzo[b]fluoranthene ...	16.043	2002327	21.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.043	2002327	21.623 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	1996384	21.151 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	1993976	20.765 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	1937855	20.645 ug/ml
21) T Benzo[g,h,i]perylene ...	17.999	2050076	20.853 ug/ml

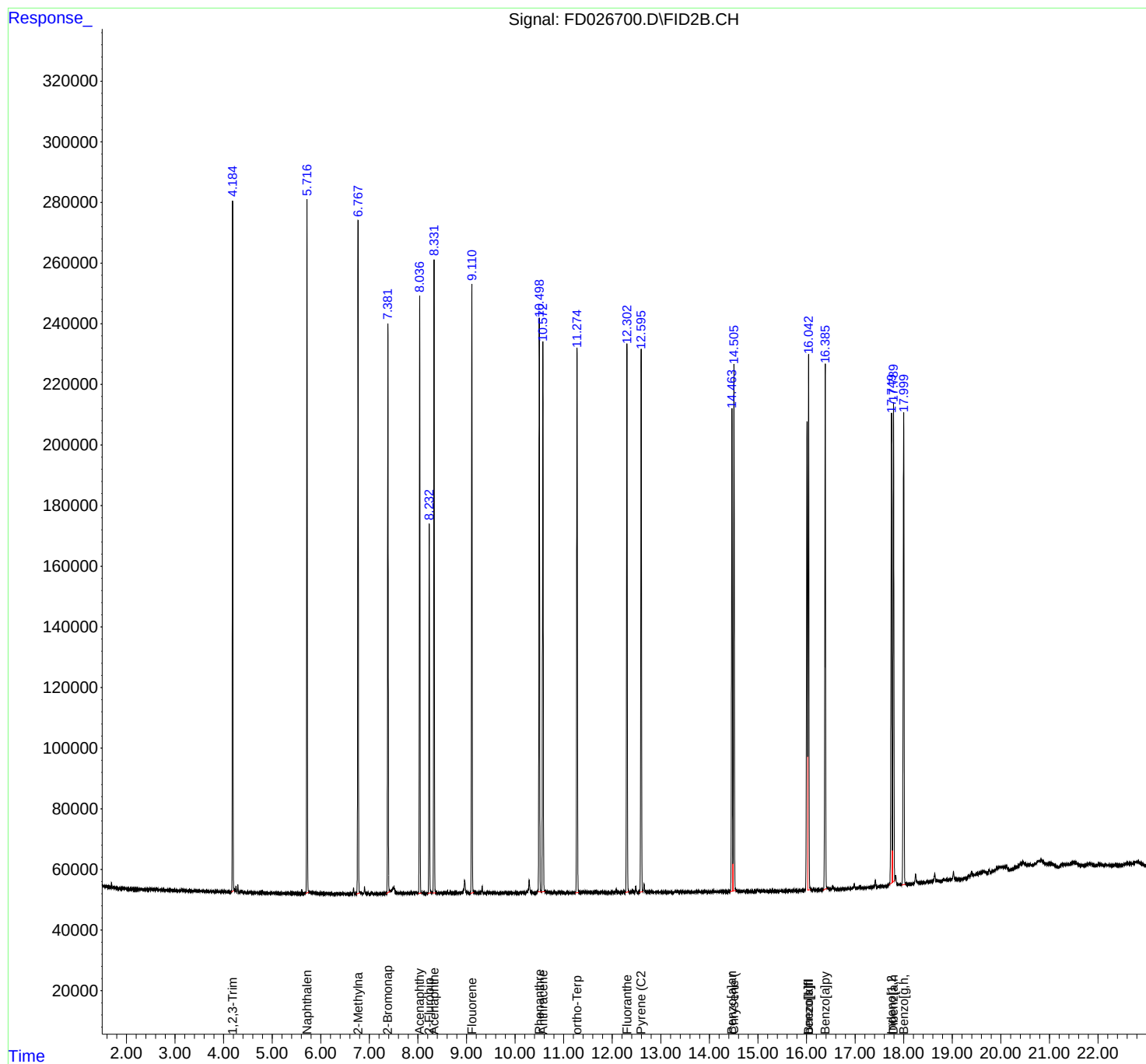
(f)=RT Delta > 1/2 Window

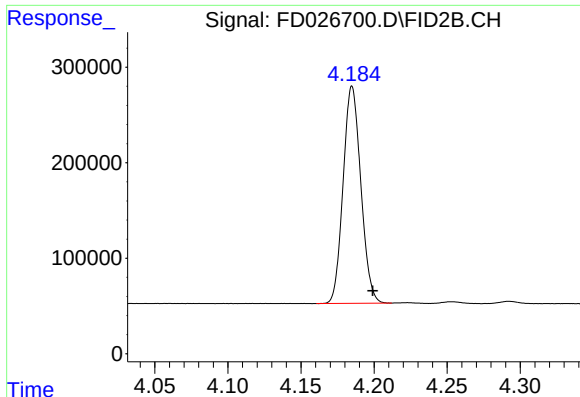
(m)=manual int.

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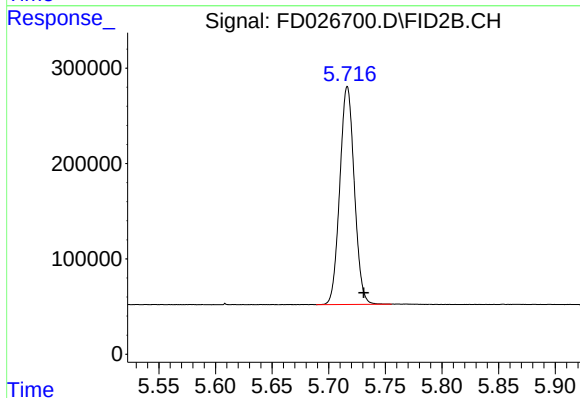
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





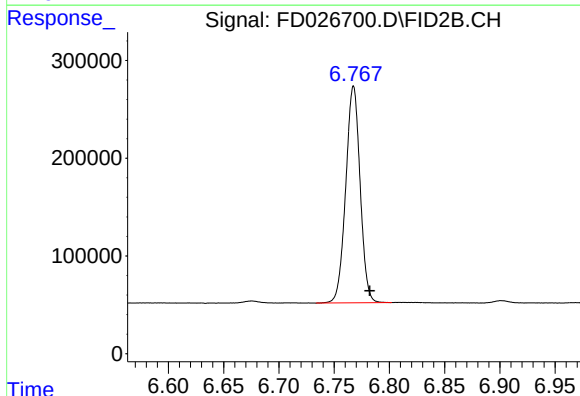
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1919503
Conc: 24.05 ug/ml



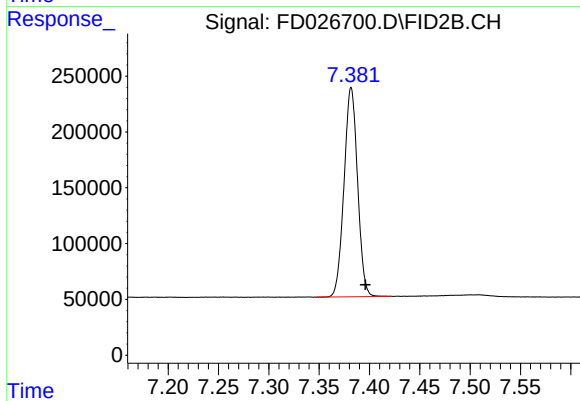
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.015 min
Response: 2039393
Conc: 23.24 ug/ml



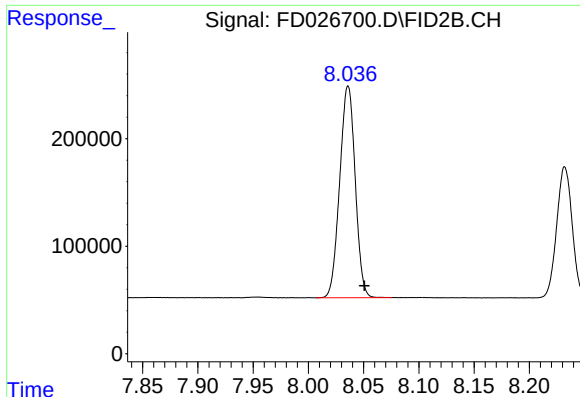
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.015 min
Response: 2009290
Conc: 23.18 ug/ml



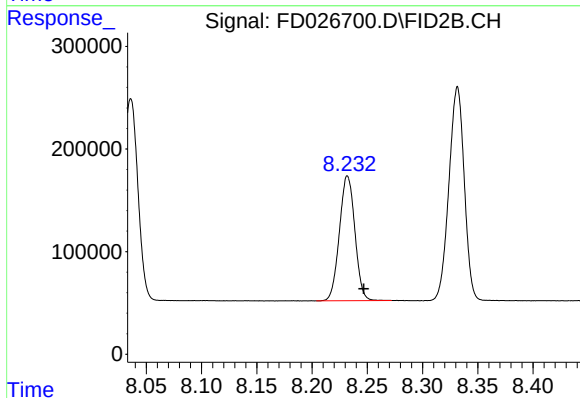
#4 2-Bromonaphthalene (SURR)

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 1754866
Conc: 23.11 ug/ml



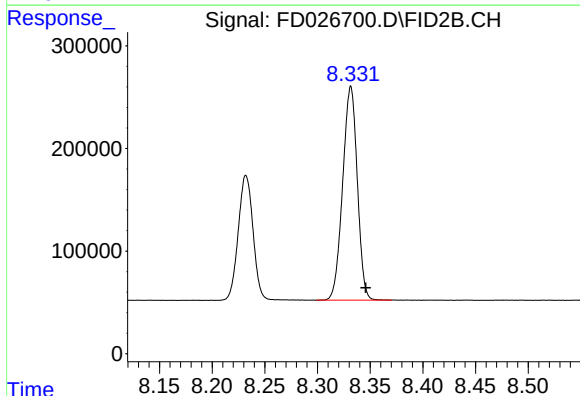
#5 Acenaphthylene (C15.06)

R.T.: 8.036 min
Delta R.T.: -0.015 min
Response: 1923211
Conc: 22.69 ug/ml



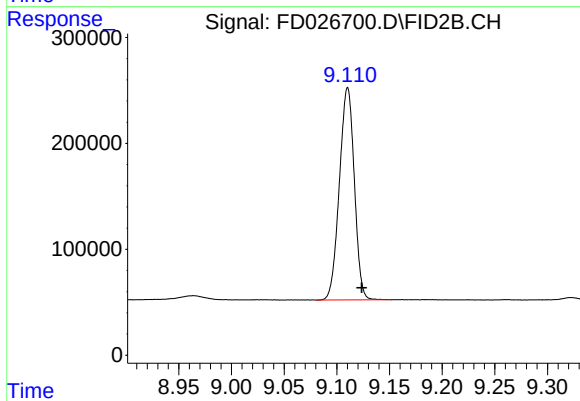
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.232 min
Delta R.T.: -0.015 min
Response: 1185757
Conc: 22.68 ug/ml



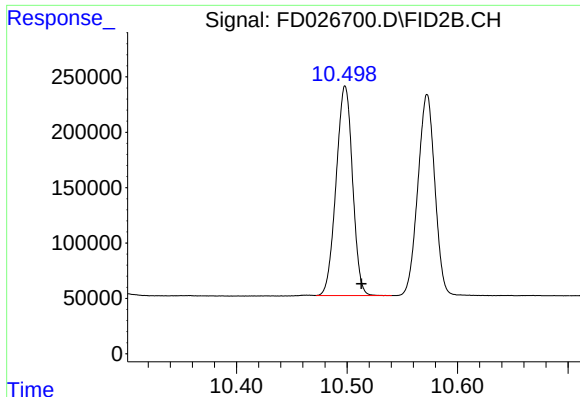
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.014 min
Response: 2011485
Conc: 22.75 ug/ml



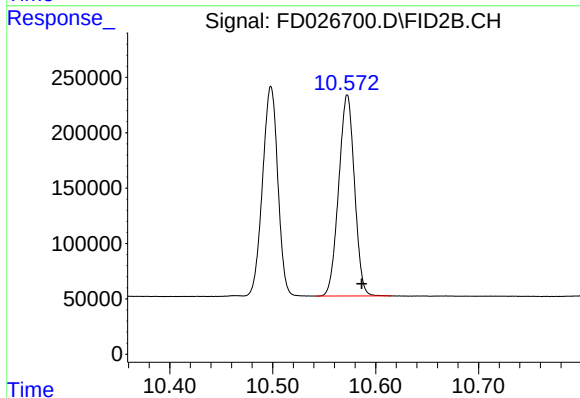
#8 Fluorene (C16.55)

R.T.: 9.110 min
Delta R.T.: -0.013 min
Response: 1978006
Conc: 22.44 ug/ml



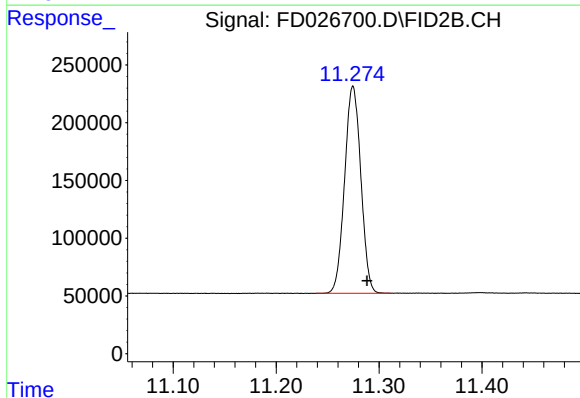
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: -0.015 min
Response: 1948145
Conc: 22.19 ug/ml



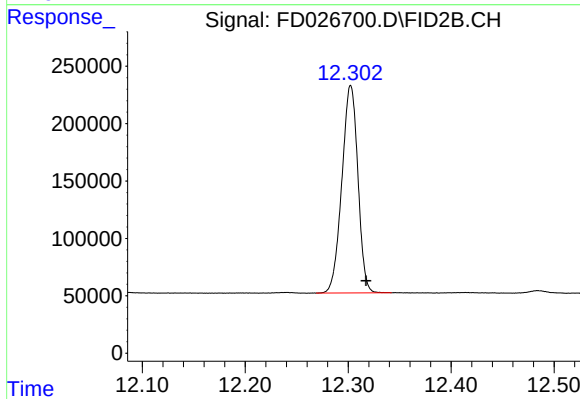
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: -0.014 min
Response: 1937262
Conc: 22.13 ug/ml



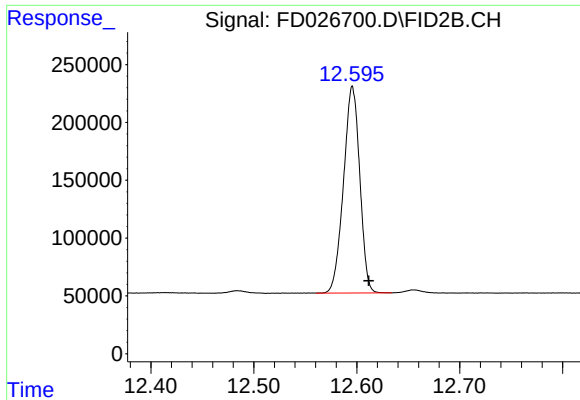
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.014 min
Response: 1965279
Conc: 23.19 ug/ml



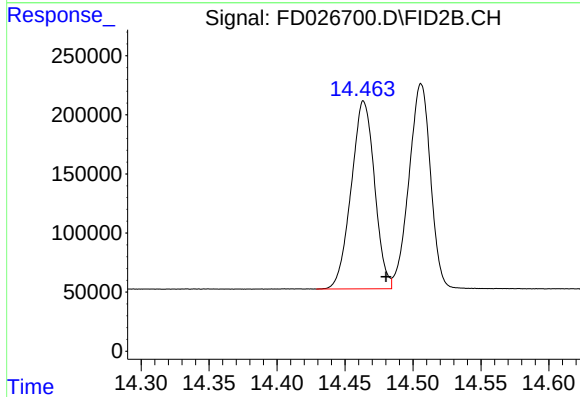
#12 Fluoranthene (C21.85)

R.T.: 12.302 min
Delta R.T.: -0.015 min
Response: 1957821
Conc: 22.48 ug/ml



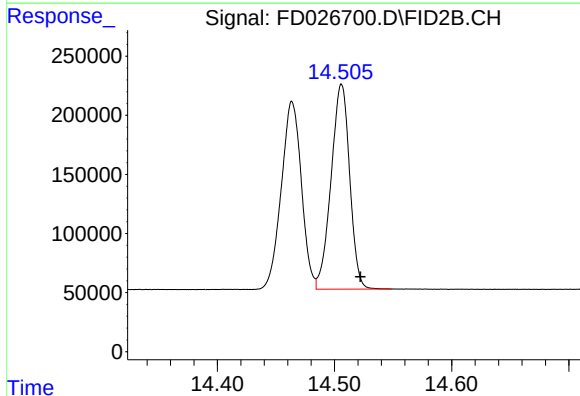
#13 Pyrene (C20.8)

R.T.: 12.596 min
Delta R.T.: -0.016 min
Response: 1960072
Conc: 22.61 ug/ml



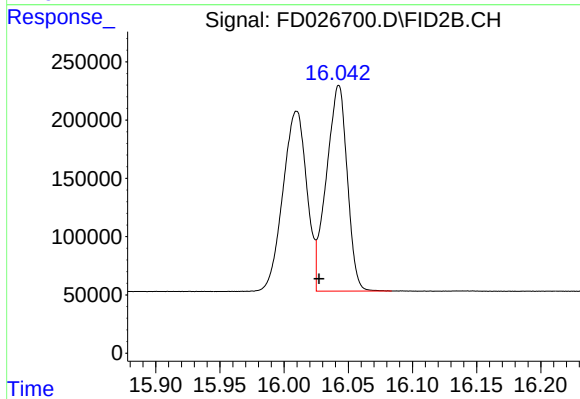
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.017 min
Response: 1897061
Conc: 22.31 ug/ml



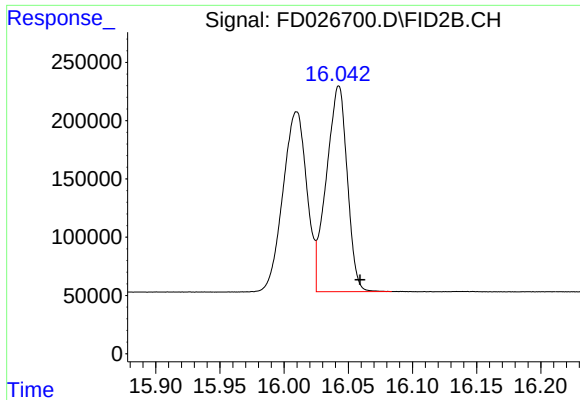
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: -0.016 min
Response: 1916887
Conc: 22.37 ug/ml



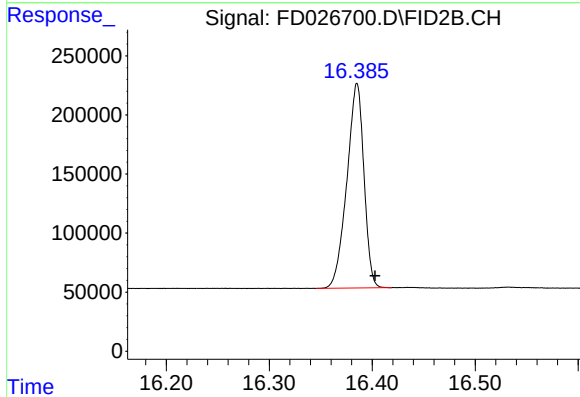
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.043 min
Delta R.T.: 0.015 min
Response: 2002327
Conc: 21.51 ug/ml



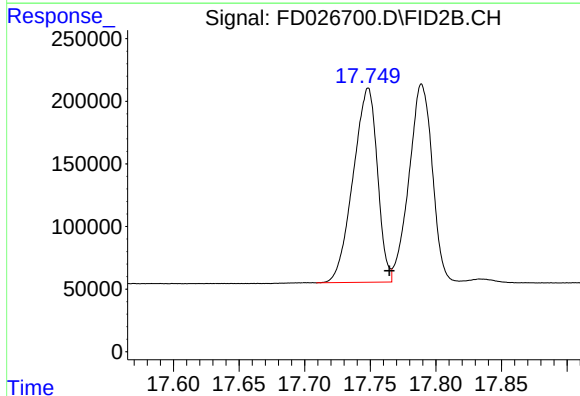
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.043 min
Delta R.T.: -0.017 min
Response: 2002327
Conc: 21.62 ug/ml



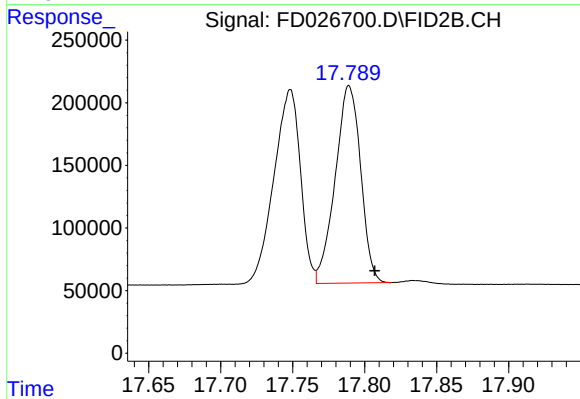
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.017 min
Response: 1996384
Conc: 21.15 ug/ml



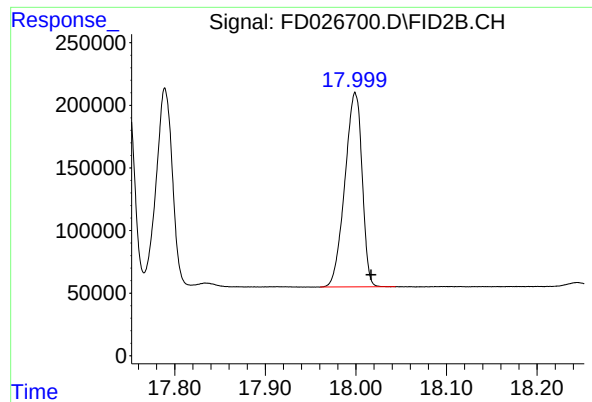
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: -0.016 min
Response: 1993976
Conc: 20.76 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.018 min
Response: 1937855
Conc: 20.64 ug/ml



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

R.T.: 17.999 min
Delta R.T.: -0.018 min
Response: 2050076
Conc: 20.85 ug/ml