

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100319AR\
 Data File : FD030905.D
 Signal(s) : FID2B.CH
 Acq On : 04 Oct 2019 13:34
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 04 14:19:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 04:51:24 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...	7.565	3845853	22.586 ug/ml
Spiked Amount 50.000		Recovery =	45.17%
6) S 2-Fluorobiphenyl (SURR)	8.426	2507843	21.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.49%
11) S ortho-Terphenyl (SURR)	11.457	3940459	21.102 ug/ml
Spiked Amount 50.000		Recovery =	42.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	4368325	23.720 ug/ml
2) T Naphthalene (C11.7)	5.908	4433585	23.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	4335137	22.759 ug/ml
5) T Acenaphthylene (C15.06)	8.229	4018428	21.817 ug/ml
7) T Acenaphthene (C15.5)	8.524	4245997	21.998 ug/ml
8) T Fluorene (C16.55)	9.303	4074106	21.555 ug/ml
9) T Phenanthrene (C19.36)	10.695	3909348	20.790 ug/ml
10) T Anthracene (C19.43)	10.770	3494630	19.122 ug/ml
12) T Fluoranthene (C21.85)	12.502	3734748	19.975 ug/ml
13) T Pyrene (C20.8)	12.798	3608847	19.625 ug/ml
14) T Benzo[a]anthracene (C...	14.665	3404735	19.678 ug/ml
15) T Chrysene (C27.41)	14.707	3550751	20.006 ug/ml
16) T benzo[b]fluoranthene ...	16.212	3550057	21.077 ug/ml
17) T Bnezo[k]fluoranthene ...	16.244	3559854	20.890 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.590	3491374	21.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.955	3498916	22.333 ug/ml
20) T Dibenz[a,h]anthracene...	17.990	3588350	22.932 ug/ml
21) T Benzo[g,h,i]perylene ...	18.209	3537395	22.971 ug/ml

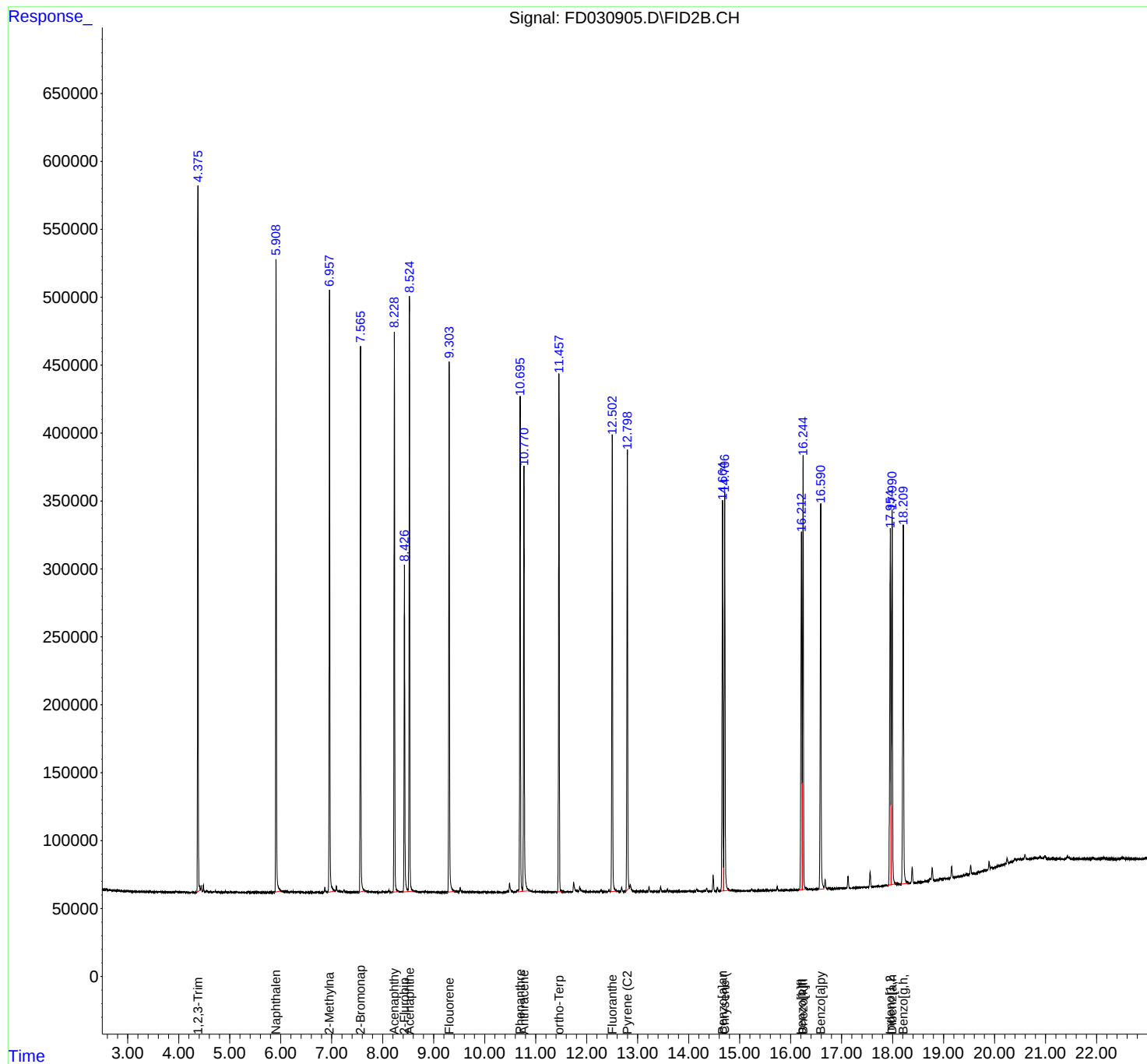
(f)=RT Delta > 1/2 Window

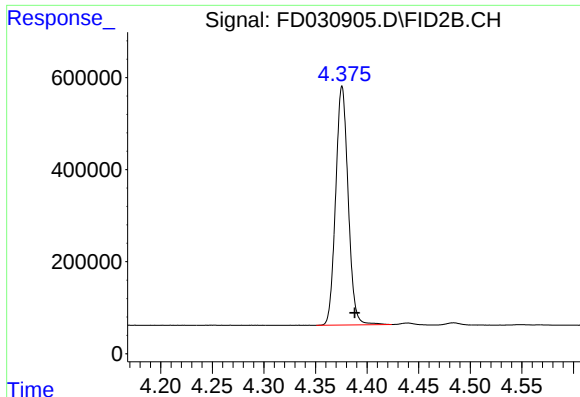
(m)=manual int.

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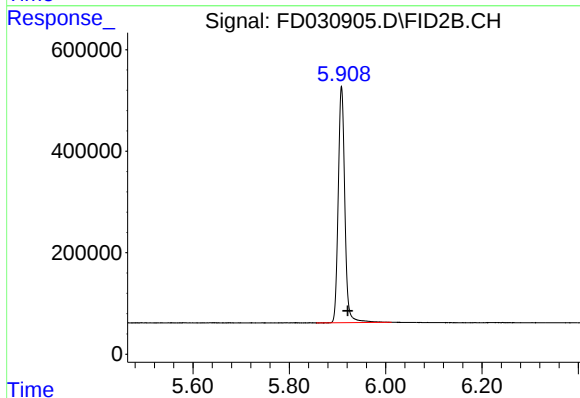
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Signal Info : 20M x 0.18mm x 0.18µm





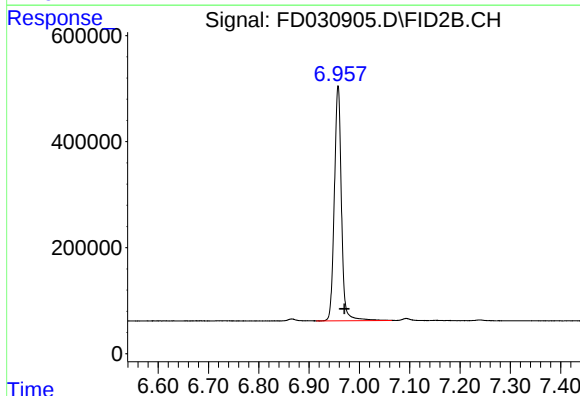
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.012 min
Response: 4368325
Conc: 23.72 ug/ml



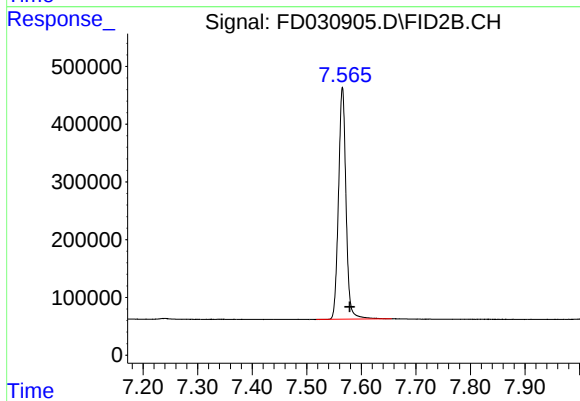
#2 Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.013 min
Response: 4433585
Conc: 23.06 ug/ml



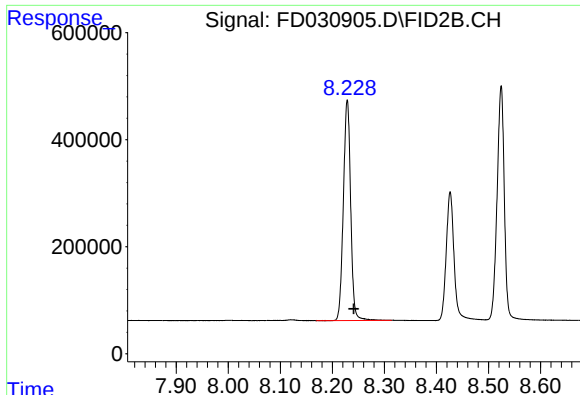
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.012 min
Response: 4335137
Conc: 22.76 ug/ml



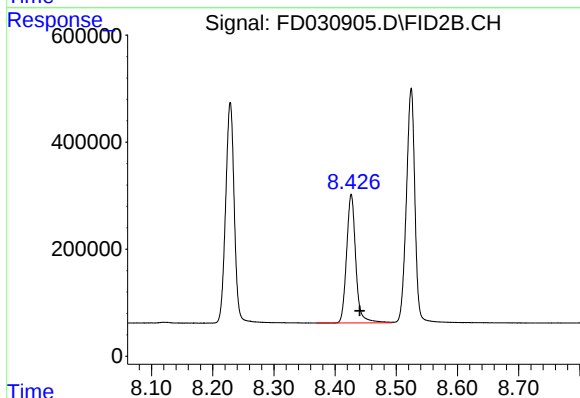
#4 2-Bromonaphthalene (SURR)

R.T.: 7.565 min
Delta R.T.: -0.013 min
Response: 3845853
Conc: 22.59 ug/ml



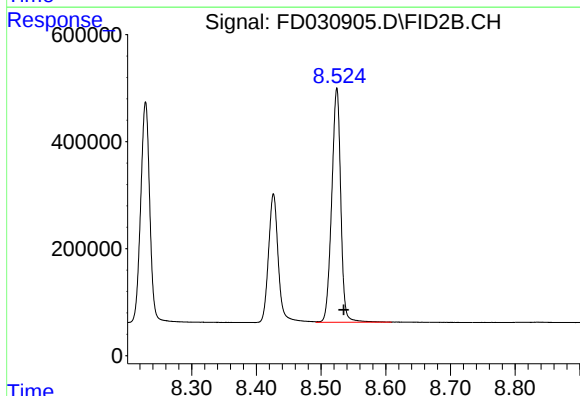
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min
Delta R.T.: -0.012 min
Response: 4018428
Conc: 21.82 ug/ml



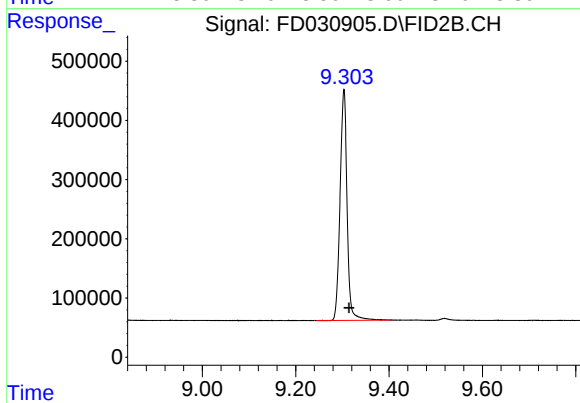
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.014 min
Response: 2507843
Conc: 21.74 ug/ml



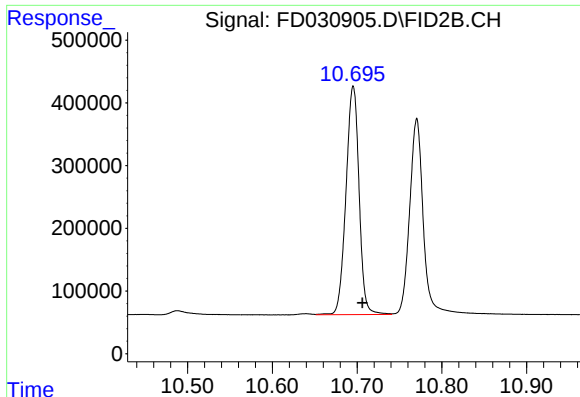
#7 Acenaphthene (C15.5)

R.T.: 8.524 min
Delta R.T.: -0.011 min
Response: 4245997
Conc: 22.00 ug/ml



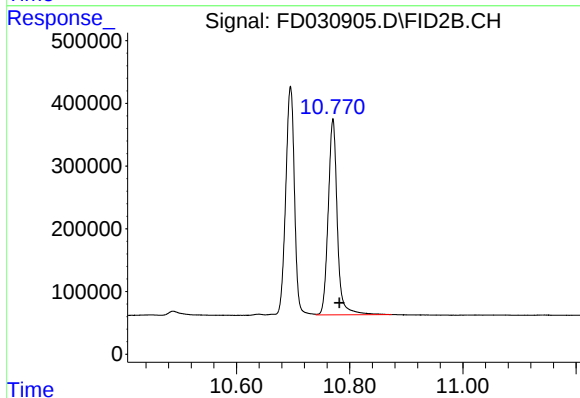
#8 Fluorene (C16.55)

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 4074106
Conc: 21.55 ug/ml



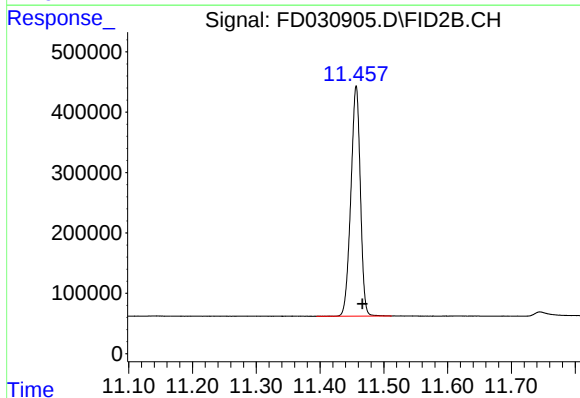
#9 Phenanthrene (C19.36)

R.T.: 10.695 min
Delta R.T.: -0.011 min
Response: 3909348
Conc: 20.79 ug/ml



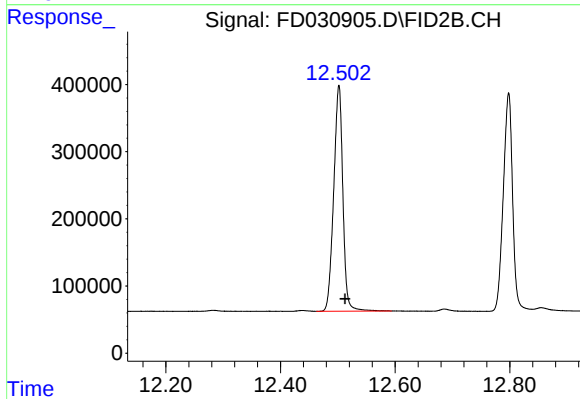
#10 Anthracene (C19.43)

R.T.: 10.770 min
Delta R.T.: -0.012 min
Response: 3494630
Conc: 19.12 ug/ml



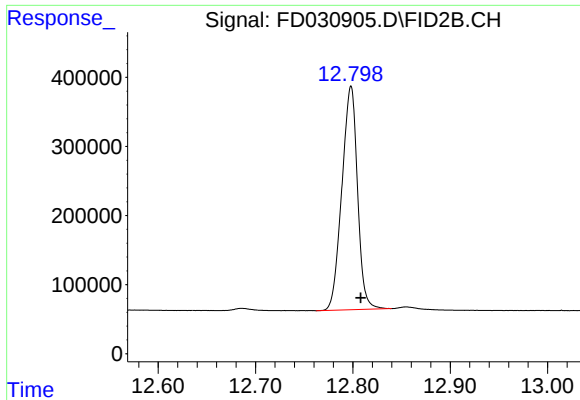
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.010 min
Response: 3940459
Conc: 21.10 ug/ml



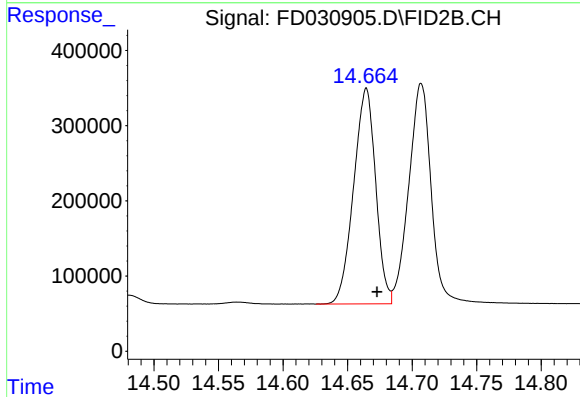
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 3734748
Conc: 19.97 ug/ml



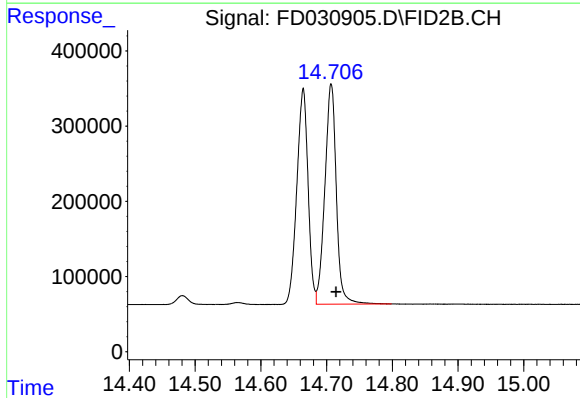
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.010 min
Response: 3608847
Conc: 19.62 ug/ml



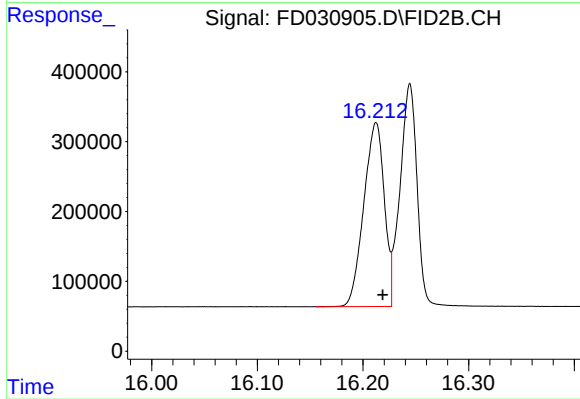
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min
Delta R.T.: -0.008 min
Response: 3404735
Conc: 19.68 ug/ml



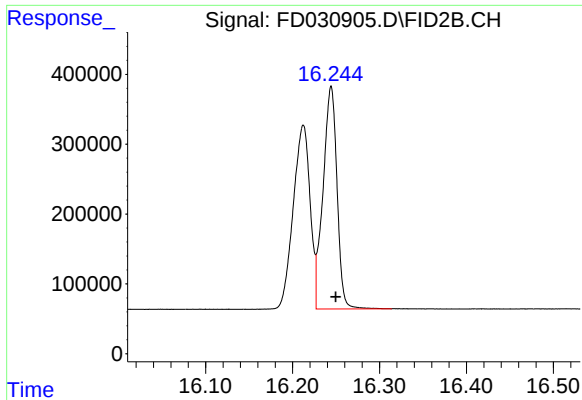
#15 Chrysene (C27.41)

R.T.: 14.707 min
Delta R.T.: -0.007 min
Response: 3550751
Conc: 20.01 ug/ml



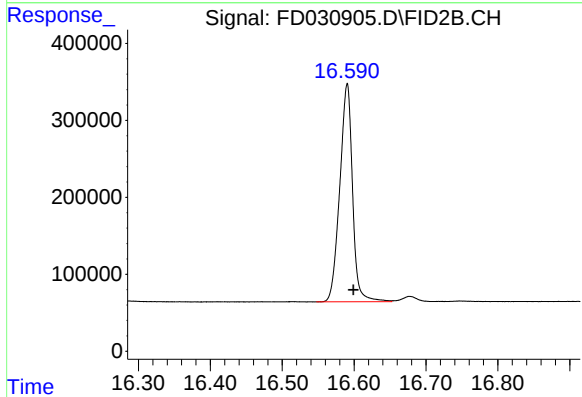
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.212 min
Delta R.T.: -0.006 min
Response: 3550057
Conc: 21.08 ug/ml



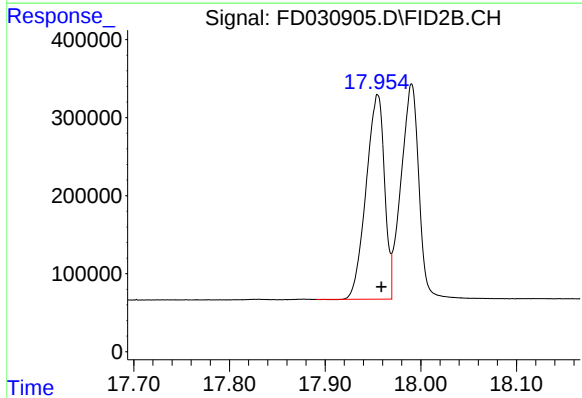
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.244 min
Delta R.T.: -0.005 min
Response: 3559854
Conc: 20.89 ug/ml



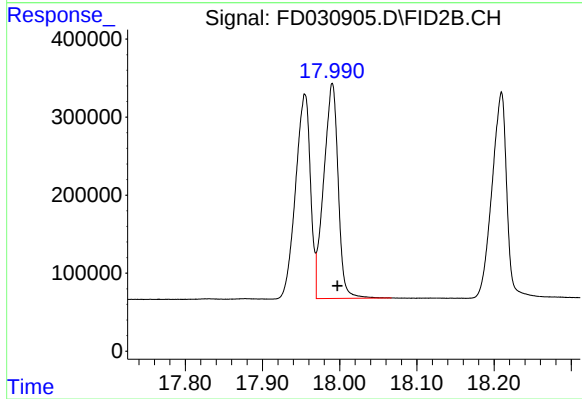
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.590 min
Delta R.T.: -0.009 min
Response: 3491374
Conc: 21.27 ug/ml



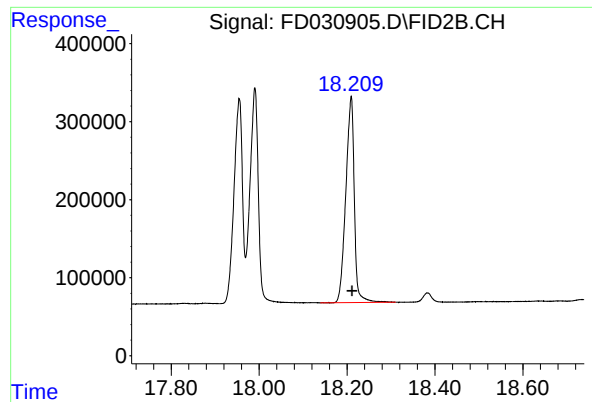
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.955 min
Delta R.T.: -0.004 min
Response: 3498916
Conc: 22.33 ug/ml



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

R.T.: 17.990 min
Delta R.T.: -0.007 min
Response: 3588350
Conc: 22.93 ug/ml



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

R.T.: 18.209 min
Delta R.T.: -0.002 min
Response: 3537395
Conc: 22.97 ug/ml