

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091019AR\
 Data File : FD030593.D
 Signal(s) : FID2B.CH
 Acq On : 10 Sep 2019 9:19
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 14:14:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 11:39:54 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...	7.601	3046614	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
6) S 2-Fluorobiphenyl (SURR)	8.463	2040080	18.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.98%
11) S ortho-Terphenyl (SURR)	11.494	3140579	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	3361268	19.071 ug/ml
2) T Naphthalene (C11.7)	5.943	3504344	19.188 ug/ml
3) T 2-Methylnaphthalene (...)	6.993	3437317	19.189 ug/ml
5) T Acenaphthylene (C15.06)	8.266	3205295	18.726 ug/ml
7) T Acenaphthene (C15.5)	8.562	3365276	18.953 ug/ml
8) T Fluorene (C16.55)	9.339	3276484	18.801 ug/ml
9) T Phenanthrene (C19.36)	10.732	3172589	18.375 ug/ml
10) T Anthracene (C19.43)	10.806	2860173	17.019 ug/ml
12) T Fluoranthene (C21.85)	12.538	3019119	17.699 ug/ml
13) T Pyrene (C20.8)	12.834	2953589	17.438 ug/ml
14) T Benzo[a]anthracene (C...	14.700	2743471	17.353 ug/ml
15) T Chrysene (C27.41)	14.742	2812896	17.607 ug/ml
16) T benzo[b]fluoranthene ...	16.246	2780389	18.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.277	2757746	18.118 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.623	2716657	18.264 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.985	2713460	19.424 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2750803	20.027 ug/ml
21) T Benzo[g,h,i]perylene ...	18.240	2721697	19.924 ug/ml

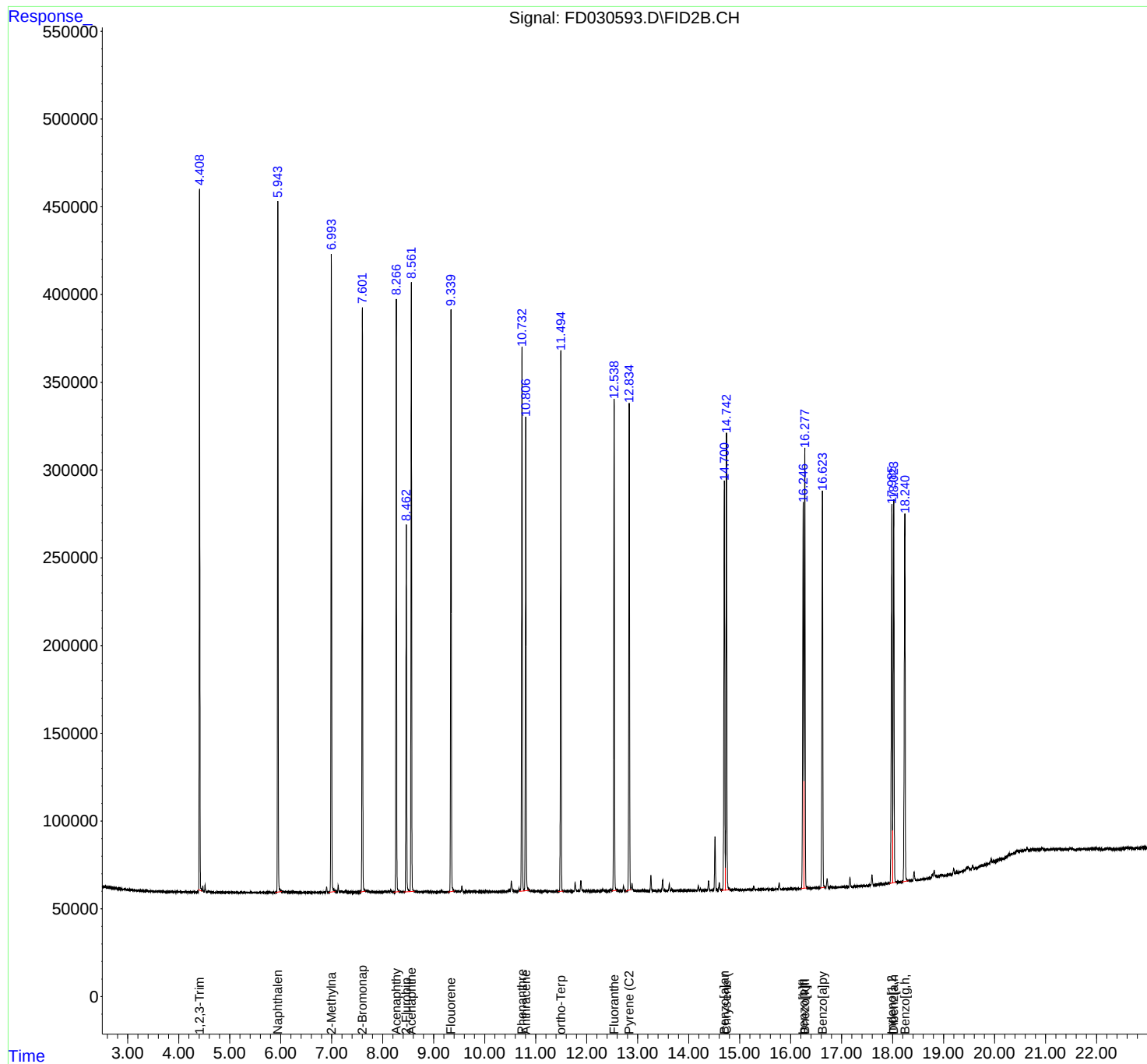
(f)=RT Delta > 1/2 Window

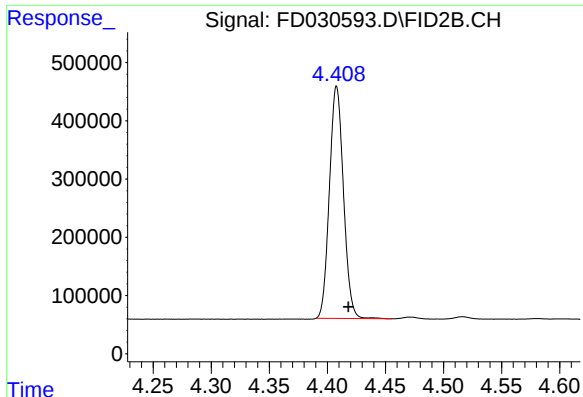
(m)=manual int.

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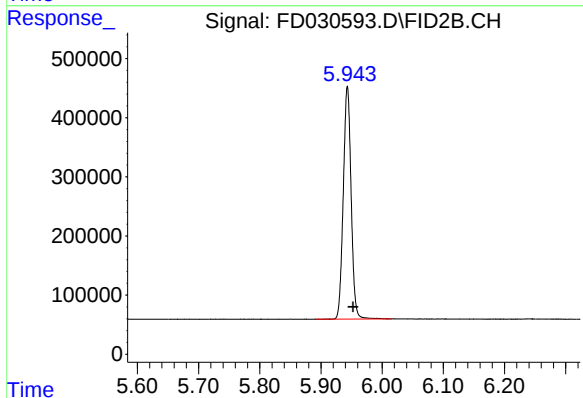
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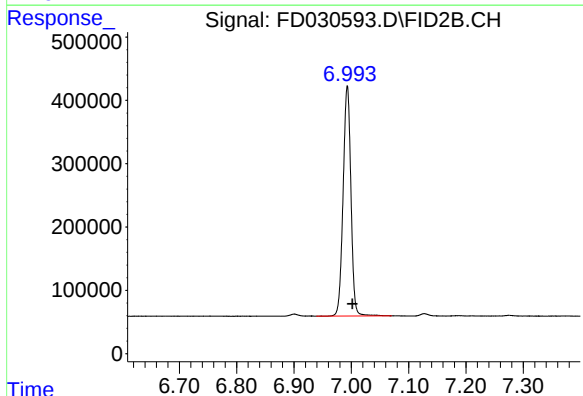
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.408 min
Delta R.T.: -0.010 min
Response: 3361268
Conc: 19.07 ug/ml



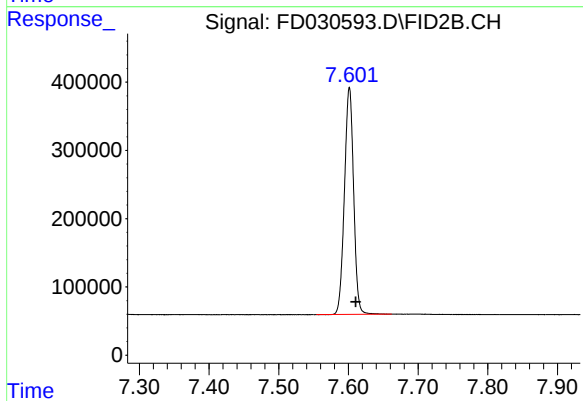
#2 Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3504344
Conc: 19.19 ug/ml



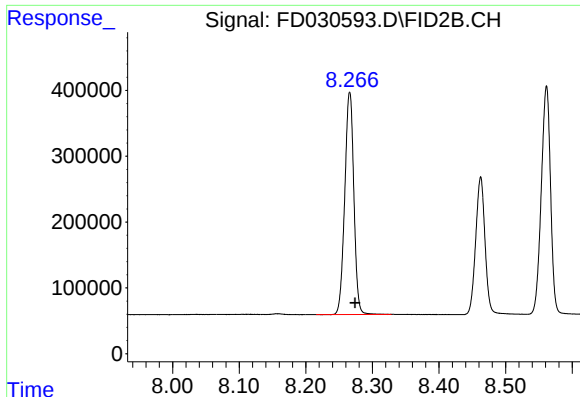
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: -0.009 min
Response: 3437317
Conc: 19.19 ug/ml



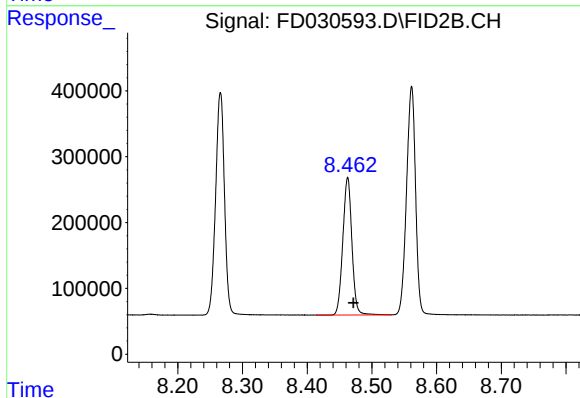
#4 2-Bromonaphthalene (SURR)

R.T.: 7.601 min
Delta R.T.: -0.009 min
Response: 3046614
Conc: 19.18 ug/ml



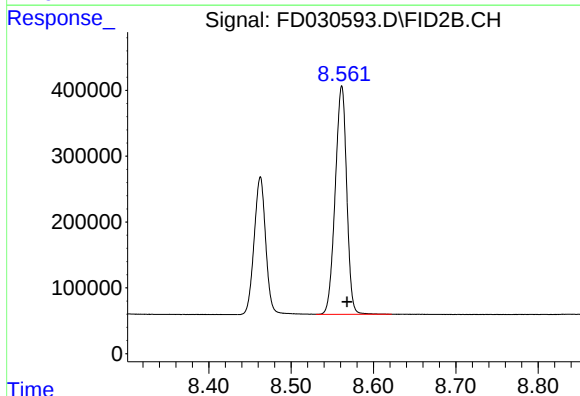
#5 Acenaphthylene (C15.06)

R.T.: 8.266 min
Delta R.T.: -0.008 min
Response: 3205295
Conc: 18.73 ug/ml



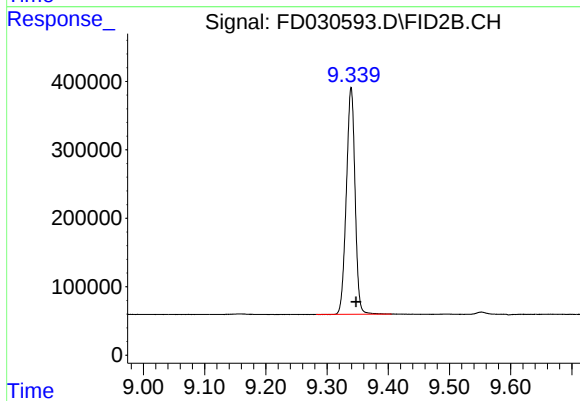
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.463 min
Delta R.T.: -0.009 min
Response: 2040080
Conc: 18.99 ug/ml



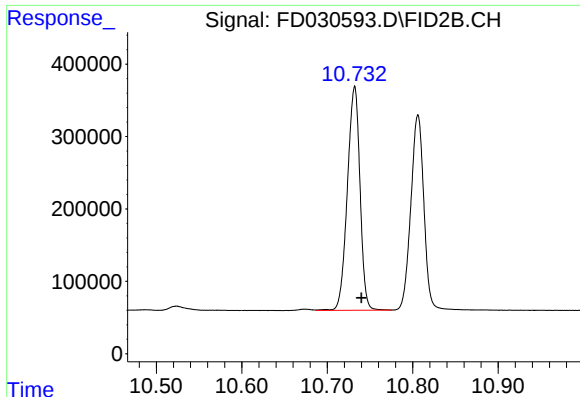
#7 Acenaphthene (C15.5)

R.T.: 8.562 min
Delta R.T.: -0.007 min
Response: 3365276
Conc: 18.95 ug/ml



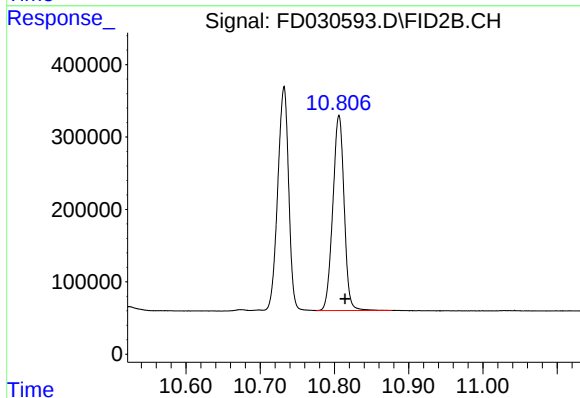
#8 Flouorene (C16.55)

R.T.: 9.339 min
Delta R.T.: -0.008 min
Response: 3276484
Conc: 18.80 ug/ml



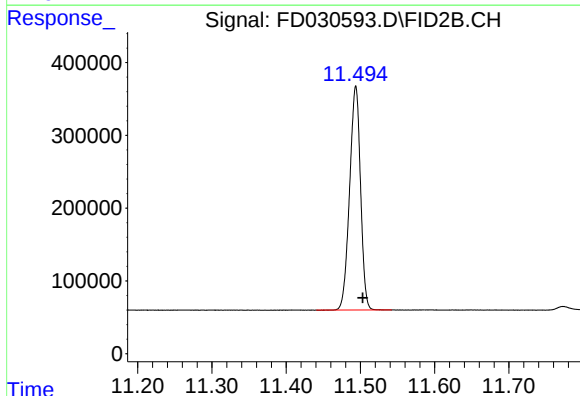
#9 Phenanthrene (C19.36)

R.T.: 10.732 min
Delta R.T.: -0.008 min
Response: 3172589
Conc: 18.38 ug/ml



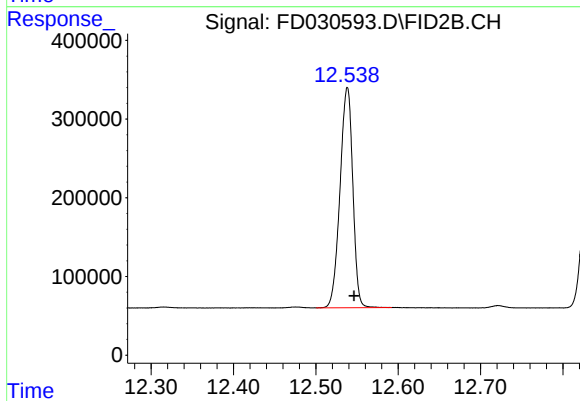
#10 Anthracene (C19.43)

R.T.: 10.806 min
Delta R.T.: -0.008 min
Response: 2860173
Conc: 17.02 ug/ml



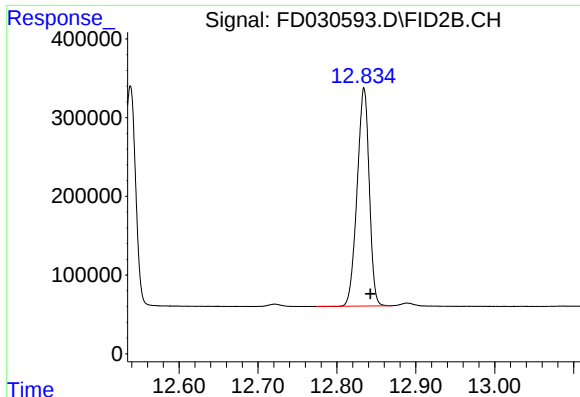
#11 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: -0.009 min
Response: 3140579
Conc: 18.72 ug/ml



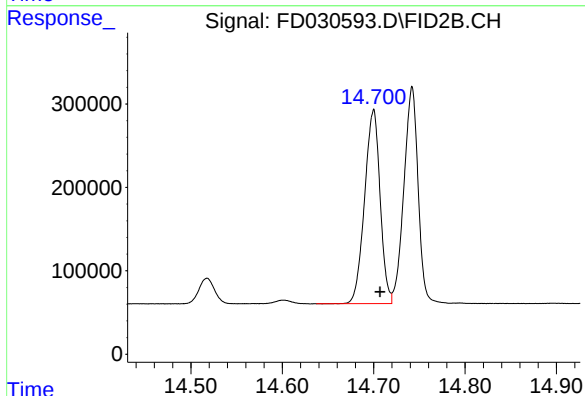
#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: -0.008 min
Response: 3019119
Conc: 17.70 ug/ml



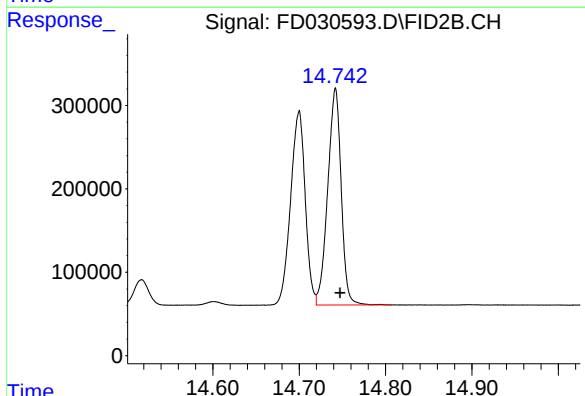
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: -0.008 min
Response: 2953589
Conc: 17.44 ug/ml



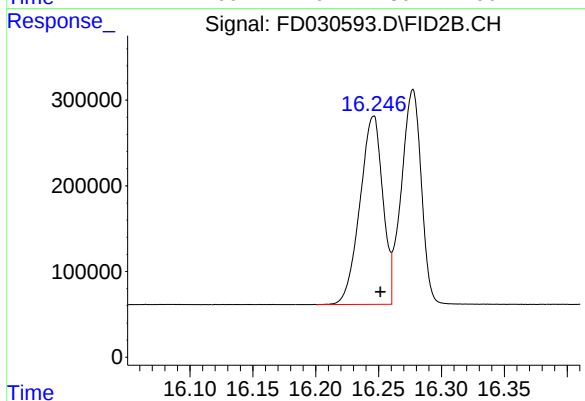
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: -0.007 min
Response: 2743471
Conc: 17.35 ug/ml



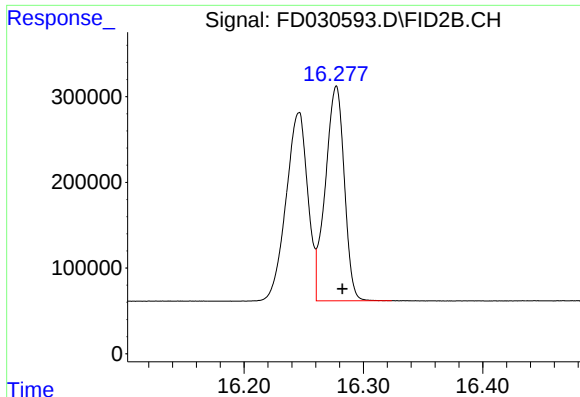
#15 Chrysene (C27.41)

R.T.: 14.742 min
Delta R.T.: -0.005 min
Response: 2812896
Conc: 17.61 ug/ml



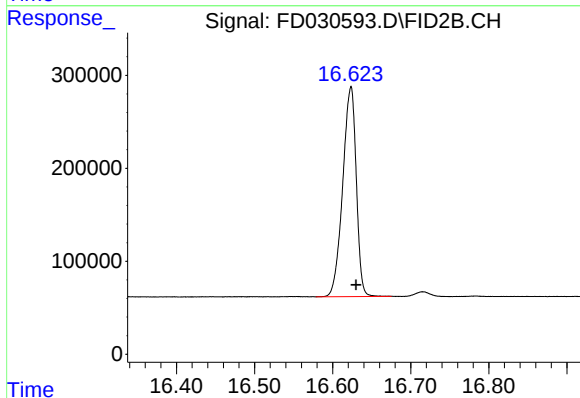
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.246 min
Delta R.T.: -0.005 min
Response: 2780389
Conc: 18.28 ug/ml



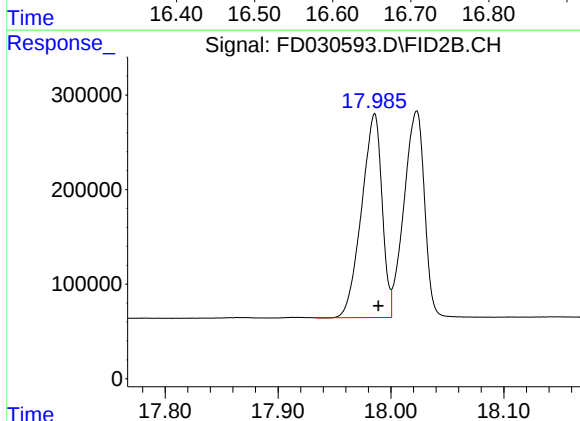
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.277 min
Delta R.T.: -0.005 min
Response: 2757746
Conc: 18.12 ug/ml



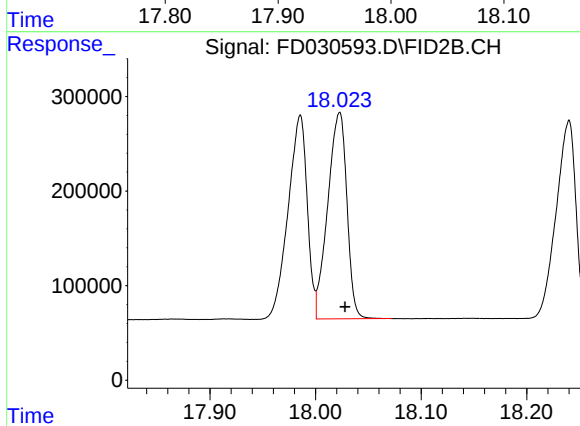
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.623 min
Delta R.T.: -0.007 min
Response: 2716657
Conc: 18.26 ug/ml



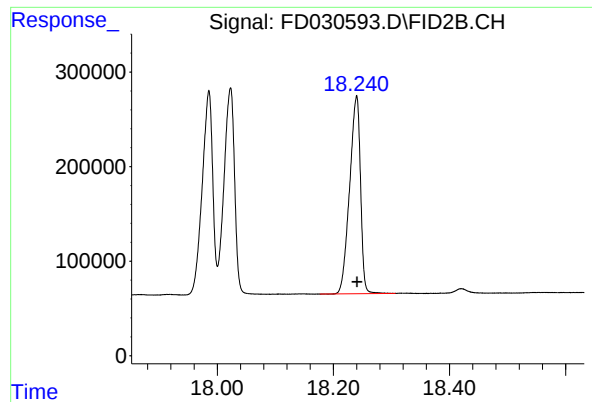
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.985 min
Delta R.T.: -0.003 min
Response: 2713460
Conc: 19.42 ug/ml



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

R.T.: 18.023 min
Delta R.T.: -0.005 min
Response: 2750803
Conc: 20.03 ug/ml



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

R.T.: 18.240 min
Delta R.T.: -0.001 min
Response: 2721697
Conc: 19.92 ug/ml