

Data Path : P:\HPCHEM1\FID_D\Data\FD042918AR\
 Data File : FD023360.D
 Signal(s) : FID2B.CH
 Acq On : 30 Apr 2018 1:10
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 07:56:58 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 24 21:25:16 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...	7.268	2648391	19.883 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
6) S 2-Fluorobiphenyl (SURR)	8.129	1530516	22.043 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.09%
11) S ortho-Terphenyl (SURR)	11.136	3083690	22.187 ug/ml
Spiked Amount 50.000		Recovery =	44.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.084	2818771	20.463 ug/ml
2) T Naphthalene (C11.7)	5.611	2799109	20.756 ug/mlm
3) T 2-Methylnaphthalene (...)	6.658	2749300	20.526 ug/ml
5) T Acenaphthylene (C15.06)	7.919	2967166	20.632 ug/ml
7) T Acenaphthene (C15.5)	8.210	3321264	19.937 ug/ml
8) T Flouorene (C16.55)	8.993	2939193	20.784 ug/ml
9) T Phenanthrene (C19.36)	10.382	3012666	22.756 ug/ml
10) T Anthracene (C19.43)	10.461	3044461	21.765 ug/ml
12) T Fluoranthene (C21.85)	12.188	3239977	23.320 ug/ml
13) T Pyrene (C20.8)	12.479	3200935	22.522 ug/ml
14) T Benzo[a]anthracene (C...	14.355	3020425	23.943 ug/ml
15) T Chrysene (C27.41)	14.397	3422469	21.981 ug/ml
16) T benzo[b]fluoranthene ...	15.911	3096404	22.833 ug/ml
17) T Bnezo[k]fluoranthene ...	15.942	3611954	22.157 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.295	3320120	23.165 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.674	2545795	19.679 ug/ml
20) T Dibenz[a,h]anthracene...	17.699	3883228	23.416 ug/ml
21) T Benzo[g,h,i]perylene ...	17.923	3077621	20.835 ug/ml

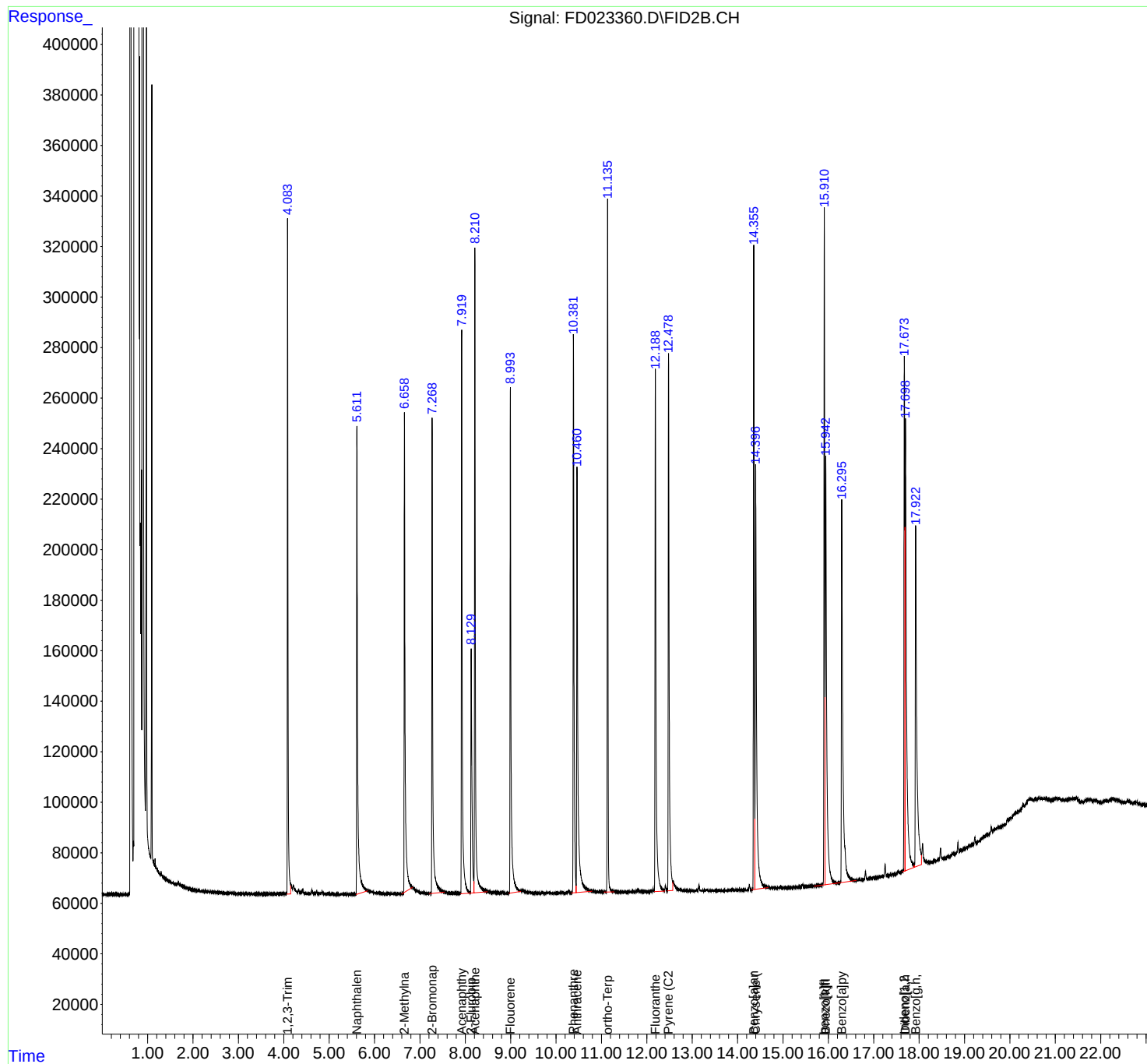
(f)=RT Delta > 1/2 Window

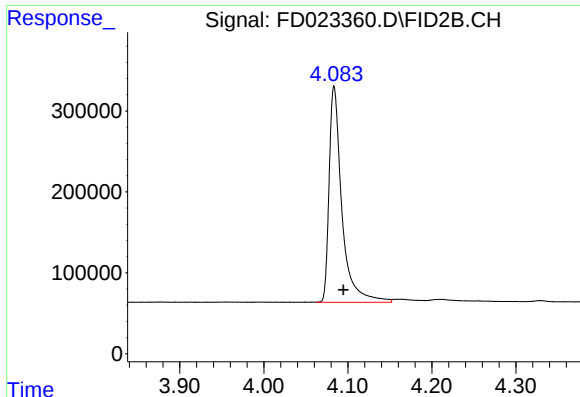
(m)=manual int.

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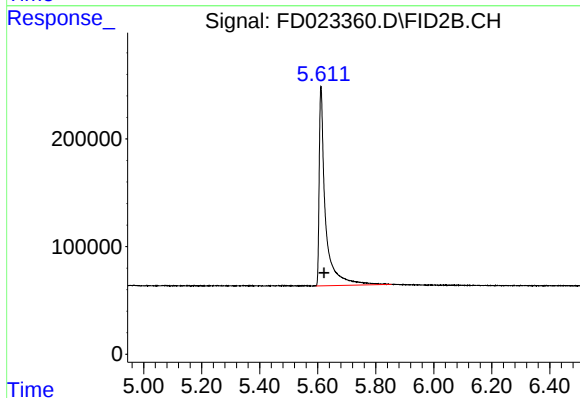
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Signal Info : 20M x 0.18mm x 0.18µm





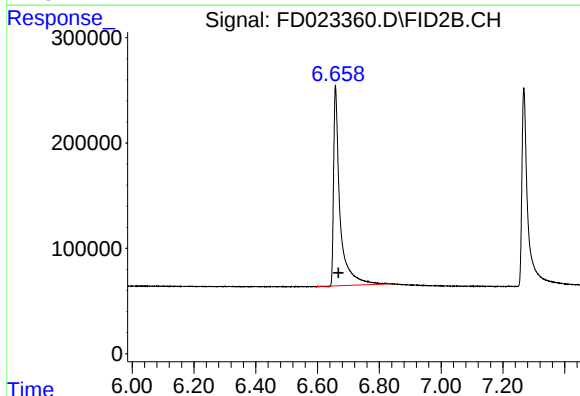
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.084 min
Delta R.T.: -0.011 min
Response: 2818771
Conc: 20.46 ug/ml



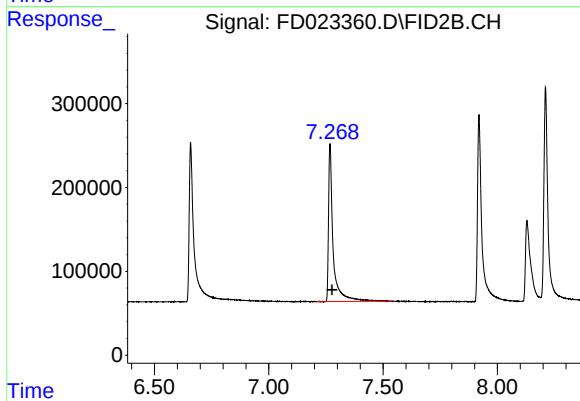
#2 Naphthalene (C11.7)

R.T.: 5.611 min
Delta R.T.: -0.011 min
Response: 2799109
Conc: 20.76 ug/ml m



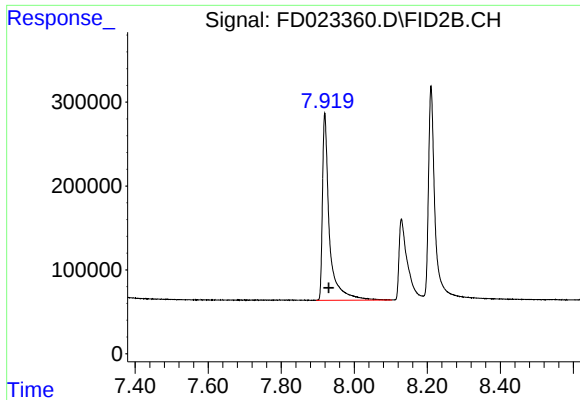
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.658 min
Delta R.T.: -0.009 min
Response: 2749300
Conc: 20.53 ug/ml



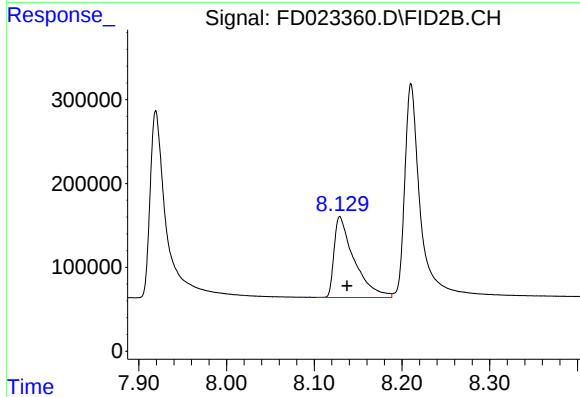
#4 2-Bromonaphthalene (SURR)

R.T.: 7.268 min
Delta R.T.: -0.010 min
Response: 2648391
Conc: 19.88 ug/ml



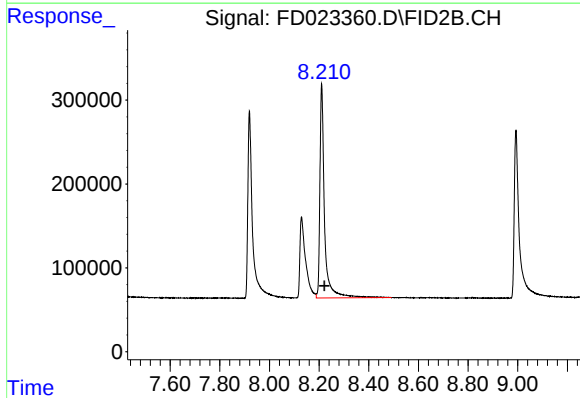
#5 Acenaphthylene (C15.06)

R.T.: 7.919 min
Delta R.T.: -0.010 min
Response: 2967166
Conc: 20.63 ug/ml



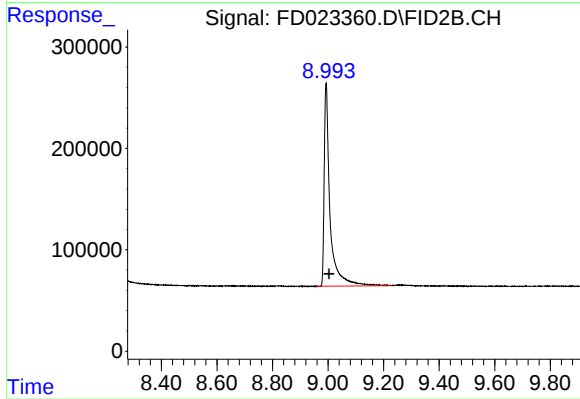
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.129 min
Delta R.T.: -0.008 min
Response: 1530516
Conc: 22.04 ug/ml



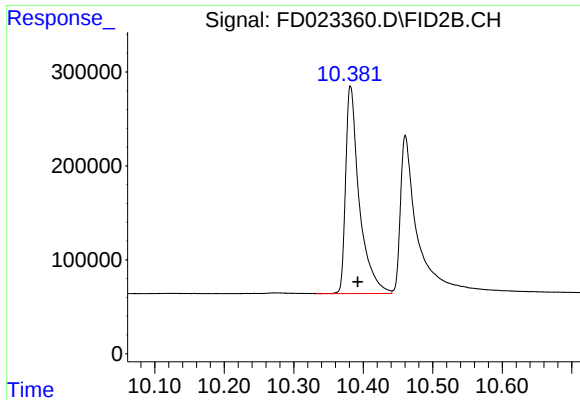
#7 Acenaphthene (C15.5)

R.T.: 8.210 min
Delta R.T.: -0.010 min
Response: 3321264
Conc: 19.94 ug/ml



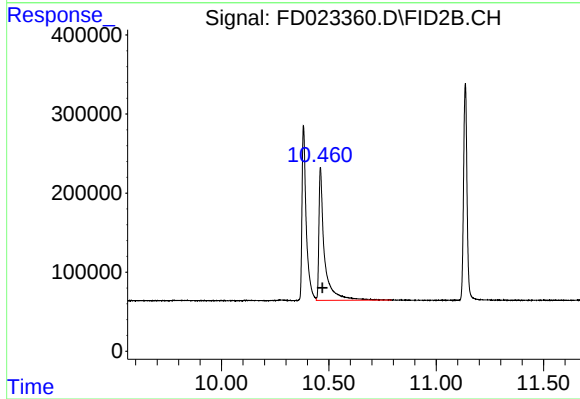
#8 Flouorene (C16.55)

R.T.: 8.993 min
Delta R.T.: -0.011 min
Response: 2939193
Conc: 20.78 ug/ml



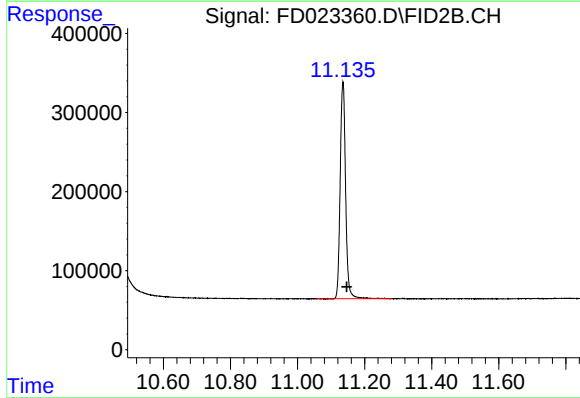
#9 Phenanthrene (C19.36)

R.T.: 10.382 min
Delta R.T.: -0.010 min
Response: 3012666
Conc: 22.76 ug/ml



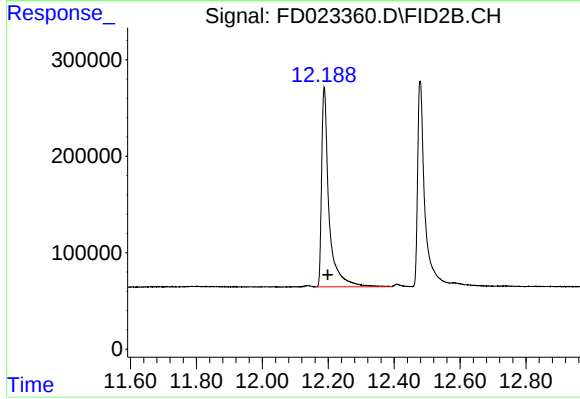
#10 Anthracene (C19.43)

R.T.: 10.461 min
Delta R.T.: -0.010 min
Response: 3044461
Conc: 21.77 ug/ml



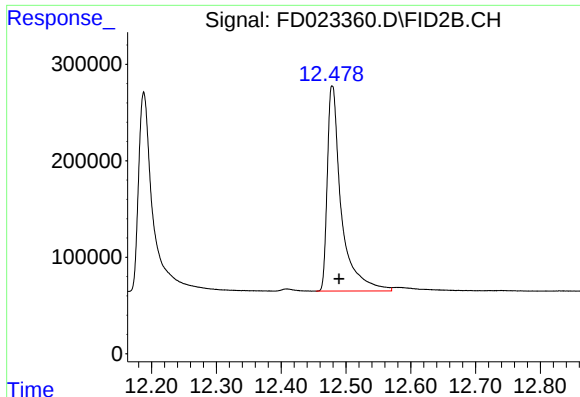
#11 ortho-Terphenyl (SURR)

R.T.: 11.136 min
Delta R.T.: -0.012 min
Response: 3083690
Conc: 22.19 ug/ml



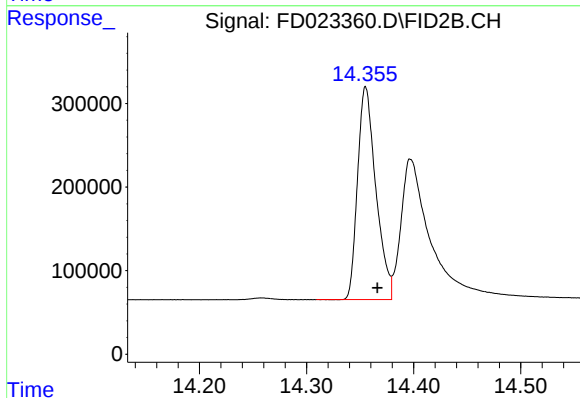
#12 Fluoranthene (C21.85)

R.T.: 12.188 min
Delta R.T.: -0.011 min
Response: 3239977
Conc: 23.32 ug/ml



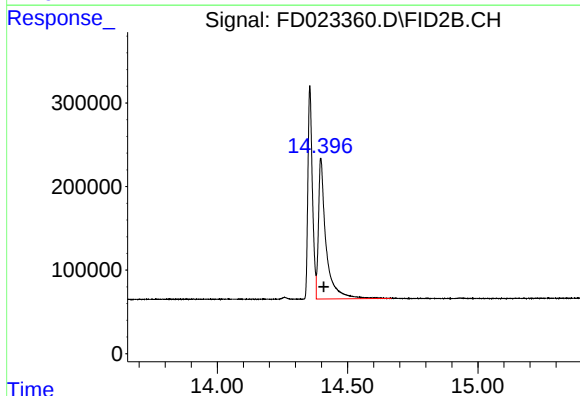
#13 Pyrene (C20.8)

R.T.: 12.479 min
Delta R.T.: -0.011 min
Response: 3200935
Conc: 22.52 ug/ml



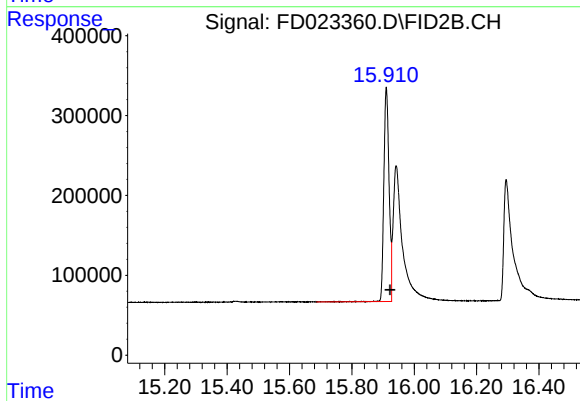
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.355 min
Delta R.T.: -0.011 min
Response: 3020425
Conc: 23.94 ug/ml



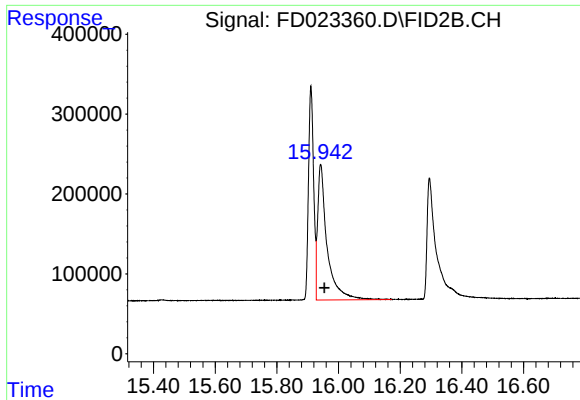
#15 Chrysene (C27.41)

R.T.: 14.397 min
Delta R.T.: -0.012 min
Response: 3422469
Conc: 21.98 ug/ml



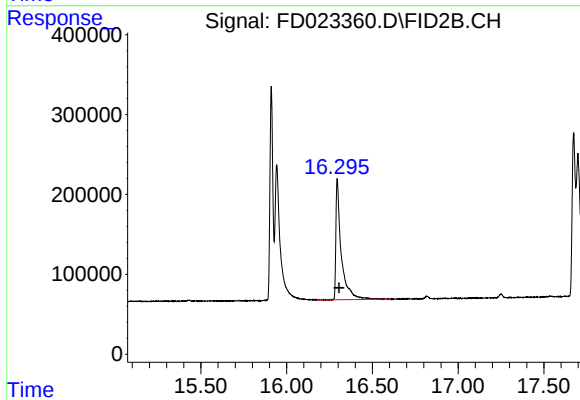
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.911 min
Delta R.T.: -0.012 min
Response: 3096404
Conc: 22.83 ug/ml



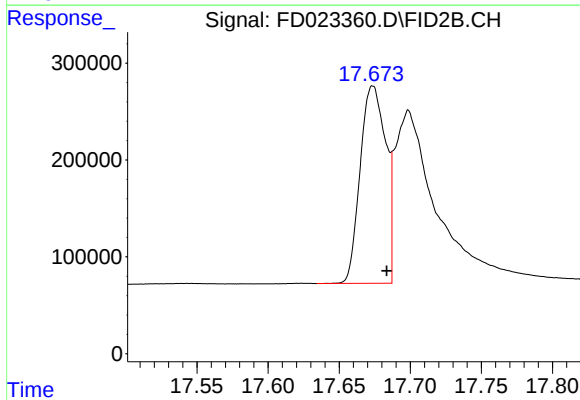
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.942 min
Delta R.T.: -0.012 min
Response: 3611954
Conc: 22.16 ug/ml



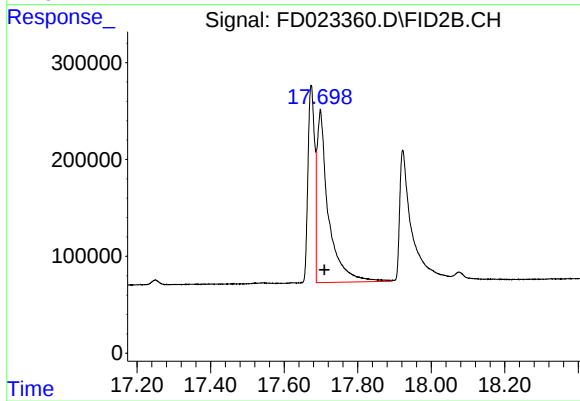
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.295 min
Delta R.T.: -0.011 min
Response: 3320120
Conc: 23.16 ug/ml



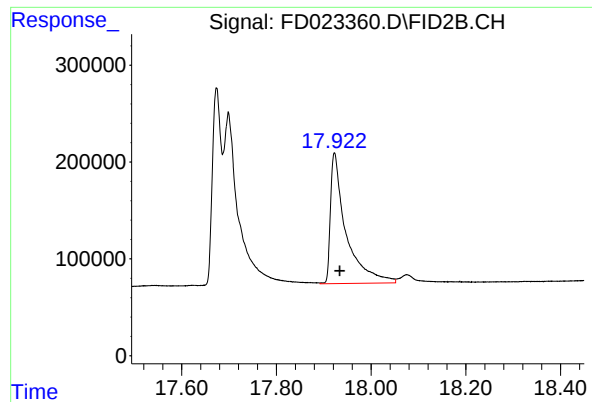
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.674 min
Delta R.T.: -0.010 min
Response: 2545795
Conc: 19.68 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.011 min
Response: 3883228
Conc: 23.42 ug/ml



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

R.T.: 17.923 min
Delta R.T.: -0.011 min
Response: 3077621
Conc: 20.84 ug/ml