

Data Path : P:\HPCHEM1\FID_D\Data\FD042918AR\
 Data File : FD023344.D
 Signal(s) : FID2B.CH
 Acq On : 29 Apr 2018 15:05
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 30 07:52:48 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...	7.269	2543006	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
6) S 2-Fluorobiphenyl (SURR)	8.131	1461770	21.053 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.11%
11) S ortho-Terphenyl (SURR)	11.137	2954684	21.259 ug/ml
Spiked Amount 50.000		Recovery =	42.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.084	2708584	19.663 ug/ml
2) T Naphthalene (C11.7)	5.611	2678525	19.861 ug/mlm
3) T 2-Methylnaphthalene (...)	6.660	2675994	19.979 ug/ml
5) T Acenaphthylene (C15.06)	7.921	2838719	19.739 ug/ml
7) T Acenaphthene (C15.5)	8.211	3148843	18.902 ug/ml
8) T Flouorene (C16.55)	8.994	2812813	19.890 ug/ml
9) T Phenanthrene (C19.36)	10.383	2869684	21.676 ug/ml
10) T Anthracene (C19.43)	10.462	2777696	19.858 ug/ml
12) T Fluoranthene (C21.85)	12.188	3128815	22.520 ug/ml
13) T Pyrene (C20.8)	12.481	3084914	21.706 ug/ml
14) T Benzo[a]anthracene (C...	14.356	2973964	23.575 ug/ml
15) T Chrysene (C27.41)	14.398	3327153	21.369 ug/ml
16) T benzo[b]fluoranthene ...	15.912	3055884	22.534 ug/ml
17) T Bnezo[k]fluoranthene ...	15.943	3512254	21.545 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.296	3259229	22.740 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.674	2526441	19.529 ug/ml
20) T Dibenz[a,h]anthracene...	17.699	3694828	22.279 ug/ml
21) T Benzo[g,h,i]perylene ...	17.923	3028899	20.506 ug/ml

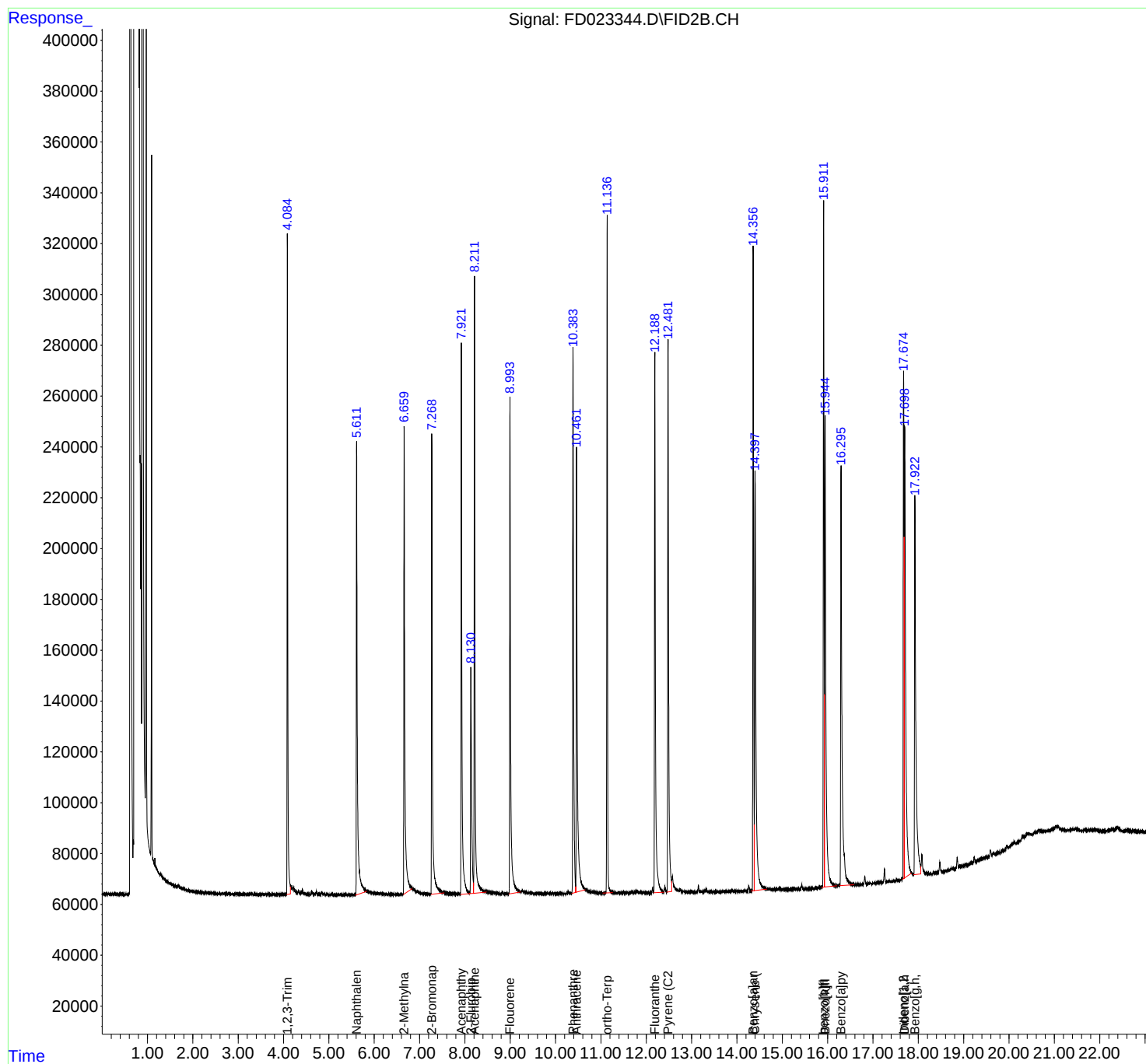
(f)=RT Delta > 1/2 Window

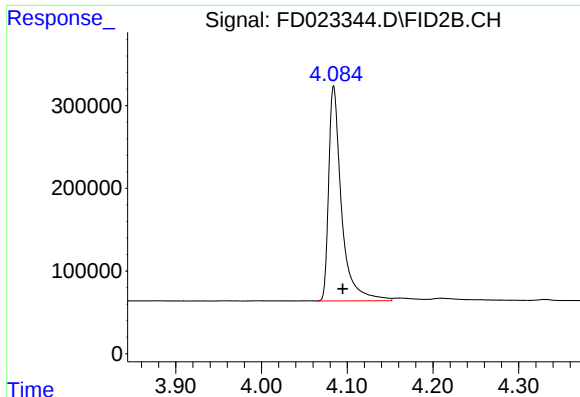
(m)=manual int.

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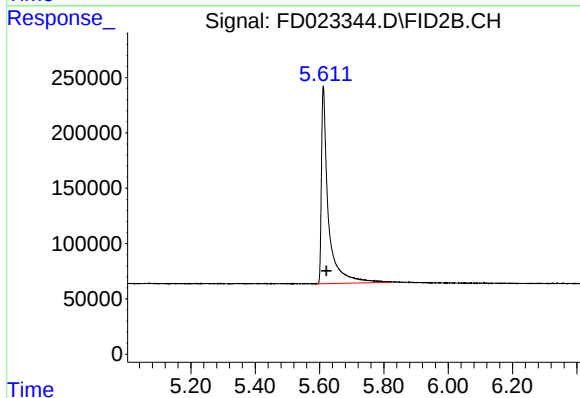
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Signal Info : 20M x 0.18mm x 0.18µm





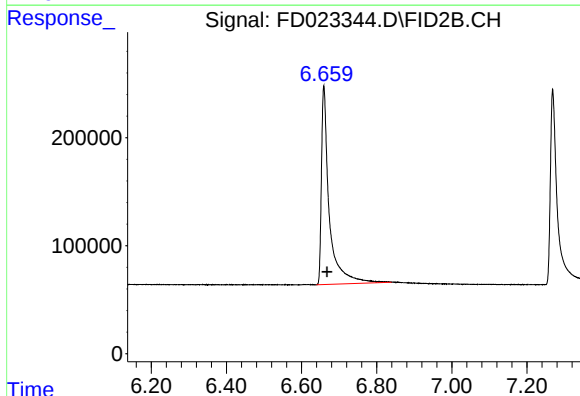
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.084 min
Delta R.T.: -0.010 min
Response: 2708584
Conc: 19.66 ug/ml



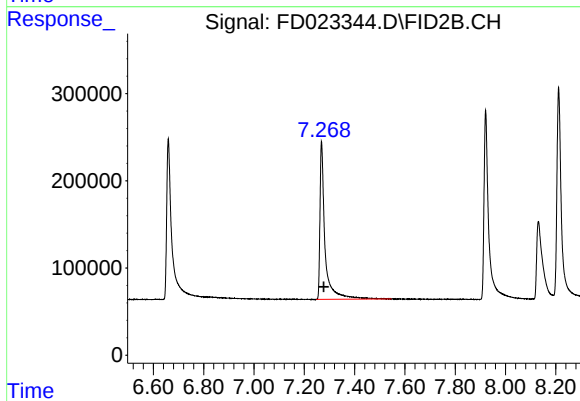
#2 Naphthalene (C11.7)

R.T.: 5.611 min
Delta R.T.: -0.010 min
Response: 2678525
Conc: 19.86 ug/ml m



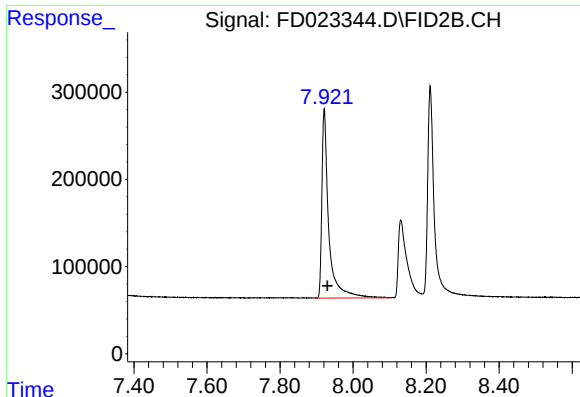
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.660 min
Delta R.T.: -0.008 min
Response: 2675994
Conc: 19.98 ug/ml



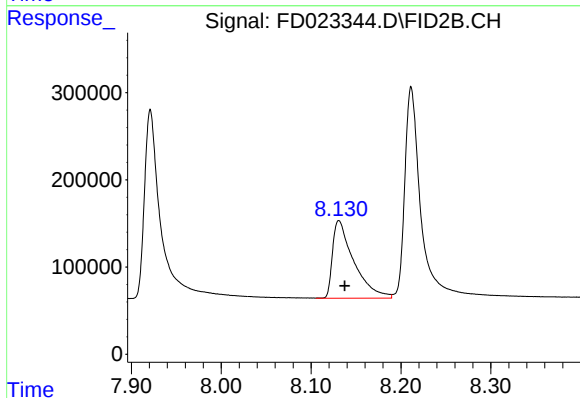
#4 2-Bromonaphthalene (SURR)

R.T.: 7.269 min
Delta R.T.: -0.009 min
Response: 2543006
Conc: 19.09 ug/ml



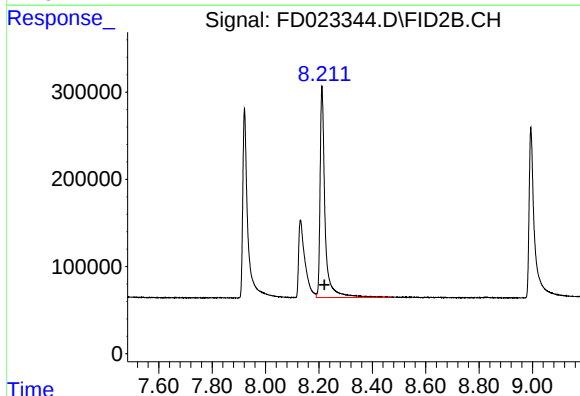
#5 Acenaphthylene (C15.06)

R.T.: 7.921 min
Delta R.T.: -0.008 min
Response: 2838719
Conc: 19.74 ug/ml



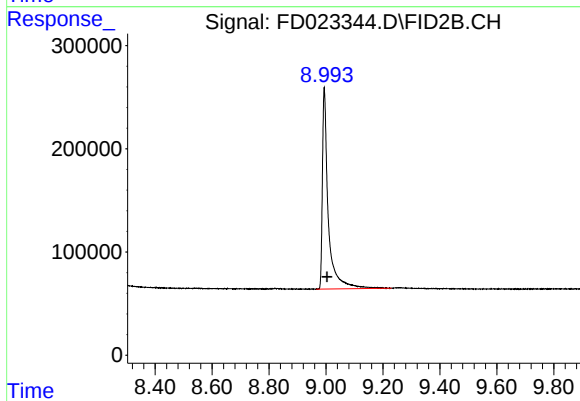
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.131 min
Delta R.T.: -0.006 min
Response: 1461770
Conc: 21.05 ug/ml



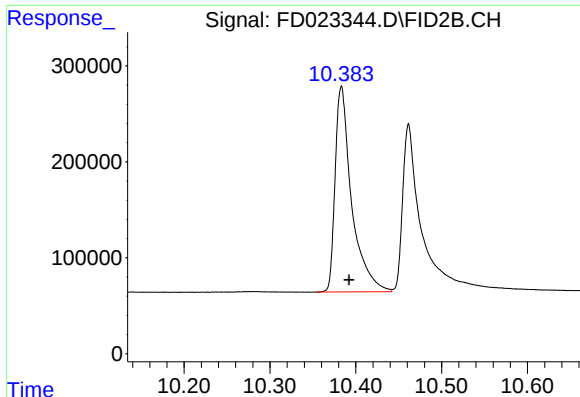
#7 Acenaphthene (C15.5)

R.T.: 8.211 min
Delta R.T.: -0.009 min
Response: 3148843
Conc: 18.90 ug/ml



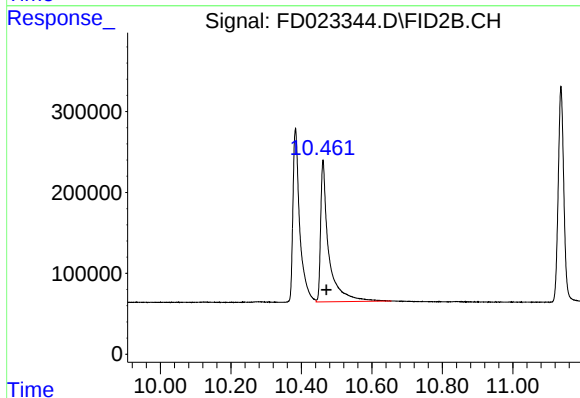
#8 Fluorene (C16.55)

R.T.: 8.994 min
Delta R.T.: -0.010 min
Response: 2812813
Conc: 19.89 ug/ml



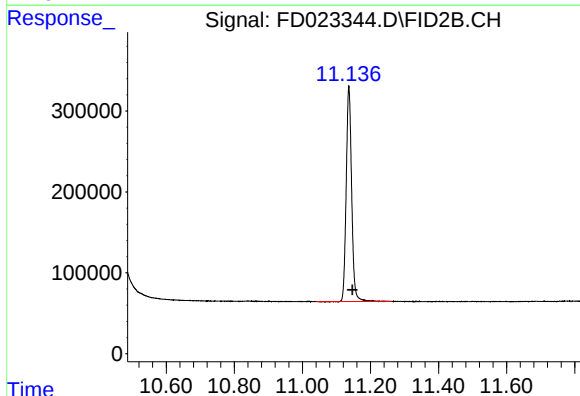
#9 Phenanthrene (C19.36)

R.T.: 10.383 min
Delta R.T.: -0.009 min
Response: 2869684
Conc: 21.68 ug/ml



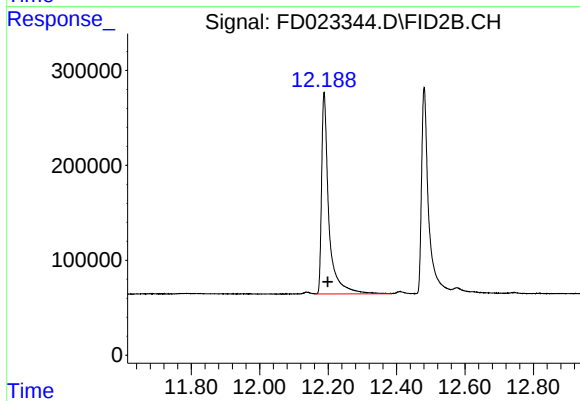
#10 Anthracene (C19.43)

R.T.: 10.462 min
Delta R.T.: -0.009 min
Response: 2777696
Conc: 19.86 ug/ml



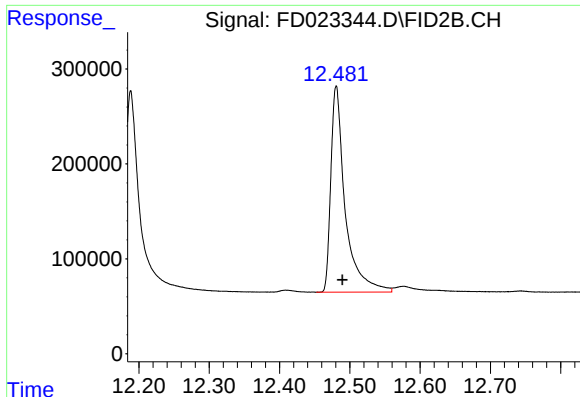
#11 ortho-Terphenyl (SURR)

R.T.: 11.137 min
Delta R.T.: -0.011 min
Response: 2954684
Conc: 21.26 ug/ml



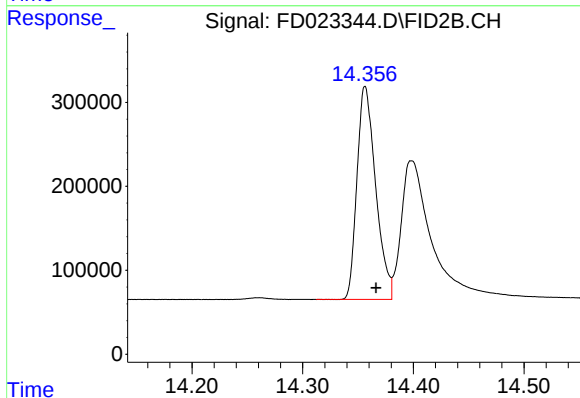
#12 Fluoranthene (C21.85)

R.T.: 12.188 min
Delta R.T.: -0.010 min
Response: 3128815
Conc: 22.52 ug/ml



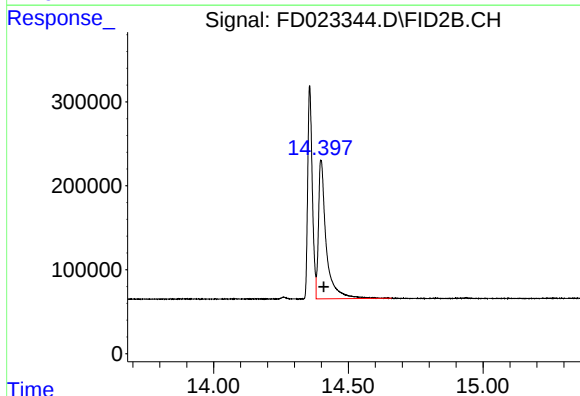
#13 Pyrene (C20.8)

R.T.: 12.481 min
Delta R.T.: -0.009 min
Response: 3084914
Conc: 21.71 ug/ml



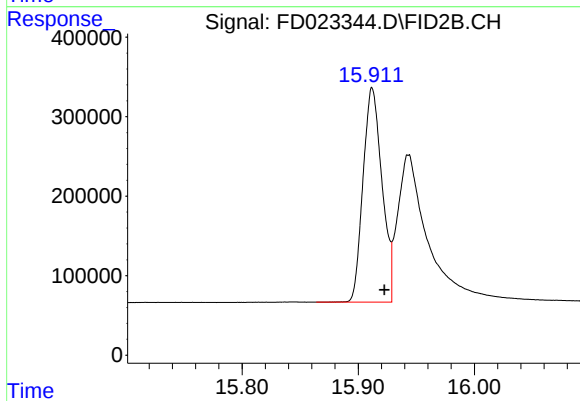
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.356 min
Delta R.T.: -0.010 min
Response: 2973964
Conc: 23.58 ug/ml



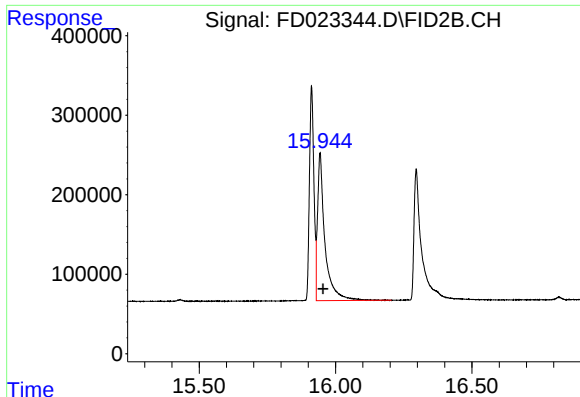
#15 Chrysene (C27.41)

R.T.: 14.398 min
Delta R.T.: -0.010 min
Response: 3327153
Conc: 21.37 ug/ml



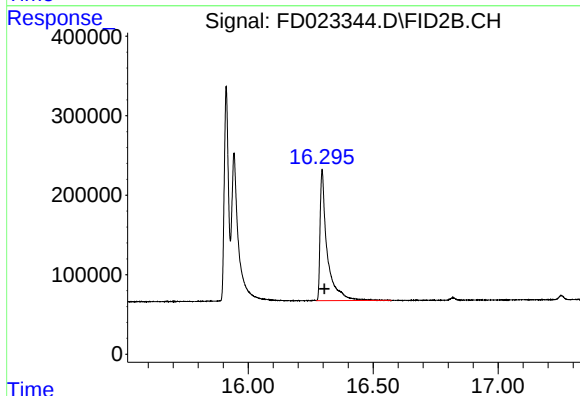
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.912 min
Delta R.T.: -0.010 min
Response: 3055884
Conc: 22.53 ug/ml



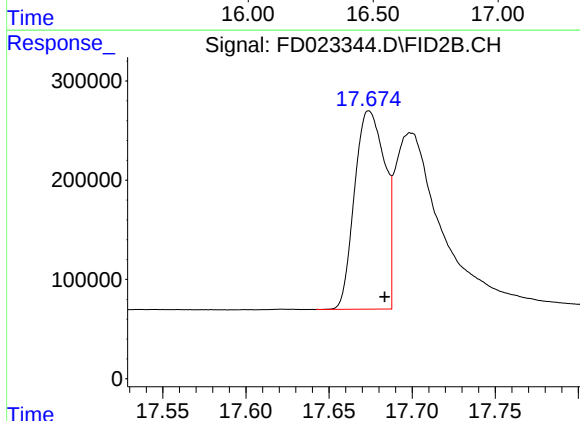
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.943 min
Delta R.T.: -0.011 min
Response: 3512254
Conc: 21.55 ug/ml



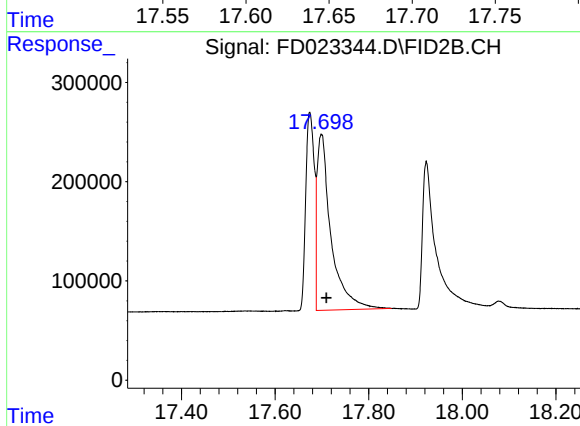
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.296 min
Delta R.T.: -0.009 min
Response: 3259229
Conc: 22.74 ug/ml



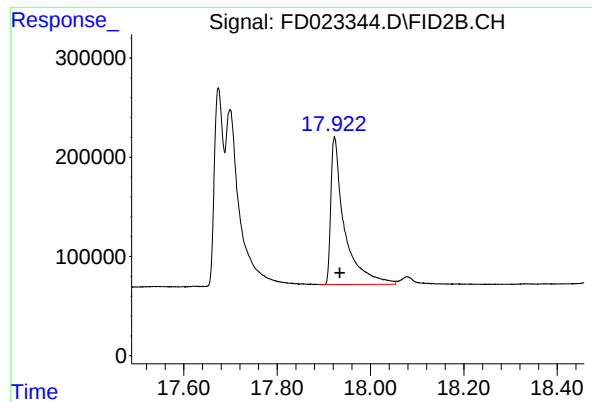
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.674 min
Delta R.T.: -0.009 min
Response: 2526441
Conc: 19.53 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.010 min
Response: 3694828
Conc: 22.28 ug/ml



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

R.T.: 17.923 min
Delta R.T.: -0.011 min
Response: 3028899
Conc: 20.51 ug/ml