

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020122AR\
 Data File : FD040844.D
 Signal(s) : FID2B.CH
 Acq On : 01 Feb 2022 10:44
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 02:19:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 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...	6.724	2517071	17.599 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
6) S 2-Fluorobiphenyl (SURR)	7.572	1641716	17.241 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.48%
11) S ortho-Terphenyl (SURR)	10.603	2721354	17.413 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.586	2706956	17.500 ug/ml
2) T Naphthalene (C11.7)	5.076	2823478	17.642 ug/ml
3) T 2-Methylnaphthalene (...)	6.114	2829992	17.434 ug/ml
5) T Acenaphthylene (C15.06)	7.376	2646332	17.604 ug/ml
7) T Acenaphthene (C15.5)	7.669	2863527	17.766 ug/ml
8) T Fluorene (C16.55)	8.445	2740532	17.632 ug/ml
9) T Phenanthrene (C19.36)	9.831	2671966	17.368 ug/ml
10) T Anthracene (C19.43)	9.905	2487098	17.023 ug/ml
12) T Fluoranthene (C21.85)	11.630	2683470	17.282 ug/ml
13) T Pyrene (C20.8)	11.924	2537490	16.811 ug/ml
14) T Benzo[a]anthracene (C...	13.832	2438044	18.378 ug/ml
15) T Chrysene (C27.41)	13.832	2438044	16.672 ug/ml
16) T benzo[b]fluoranthene ...	15.367	2566720	18.784 ug/ml
17) T Bnezo[k]fluoranthene ...	15.367	2566720	18.543 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.710	2446485	18.768 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.112	2416130	19.828 ug/ml
20) T Dibenz[a,h]anthracene...	17.112	2416130	19.863 ug/ml
21) T Benzo[g,h,i]perylene ...	17.323	2413899	18.799 ug/ml

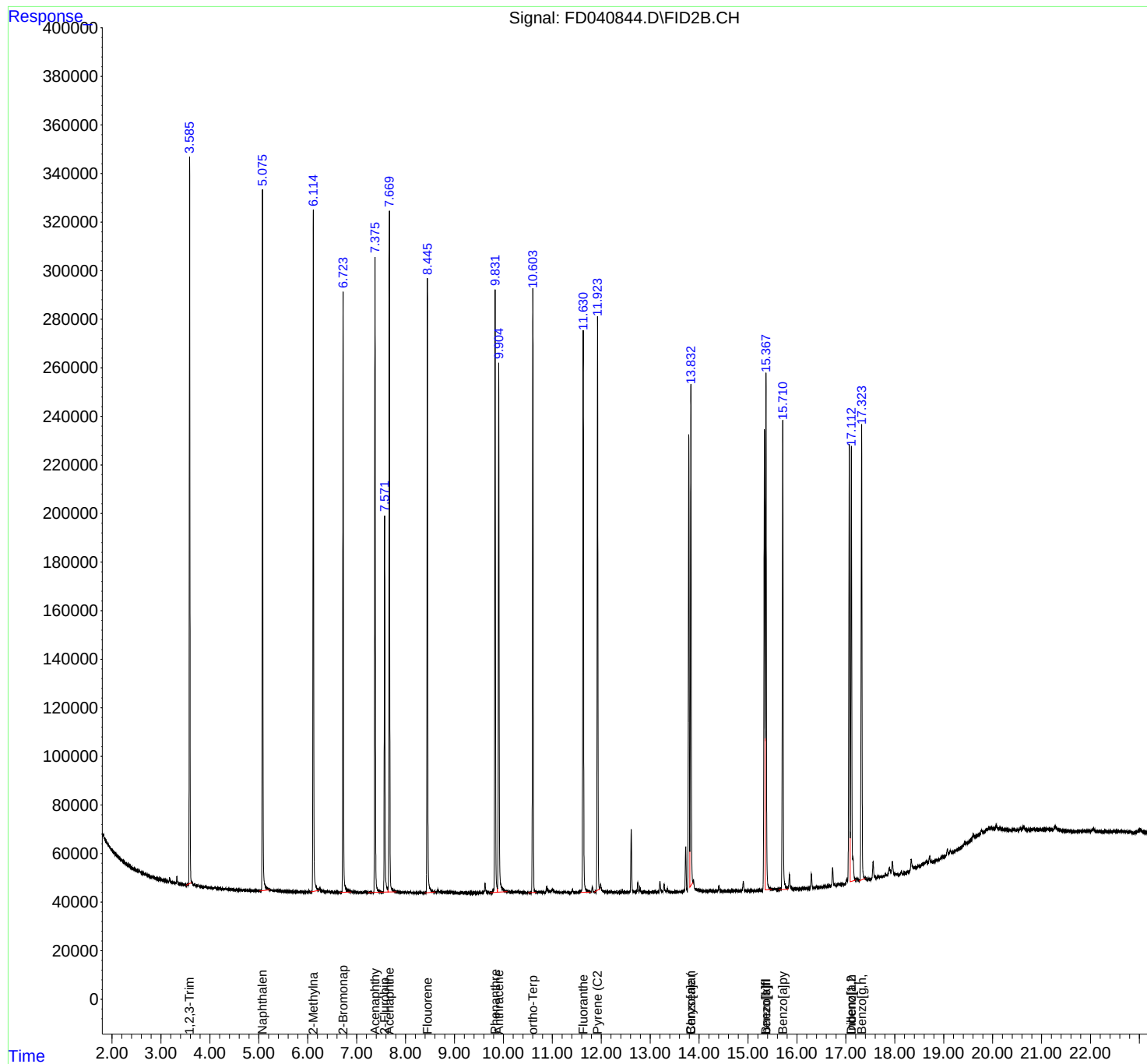
(f)=RT Delta > 1/2 Window

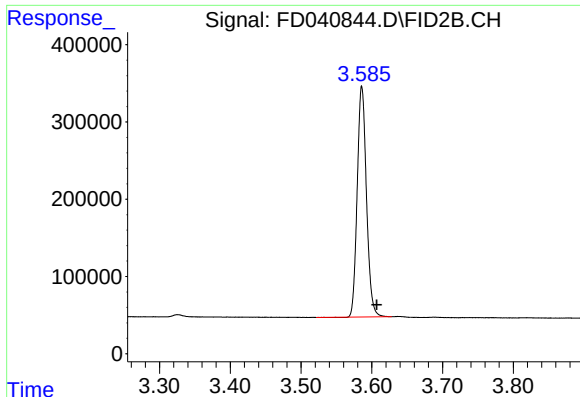
(m)=manual int.

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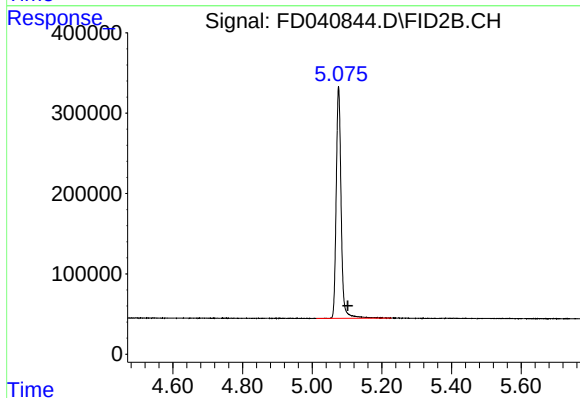
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





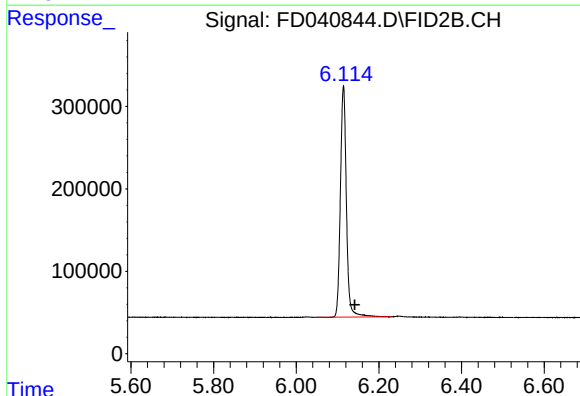
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.586 min
Delta R.T.: -0.021 min
Response: 2706956
Conc: 17.50 ug/ml



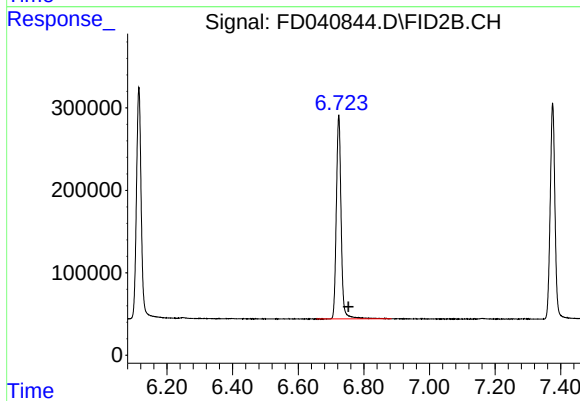
#2 Naphthalene (C11.7)

R.T.: 5.076 min
Delta R.T.: -0.026 min
Response: 2823478
Conc: 17.64 ug/ml



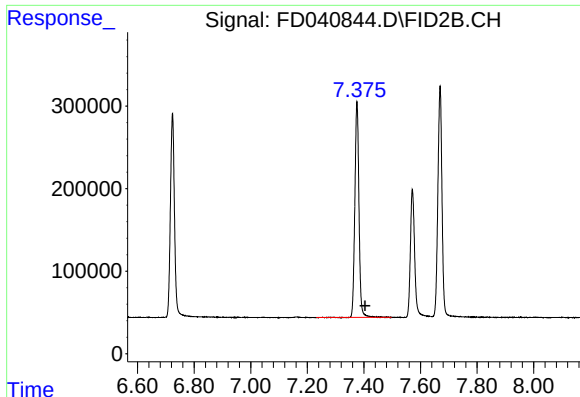
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.114 min
Delta R.T.: -0.027 min
Response: 2829992
Conc: 17.43 ug/ml



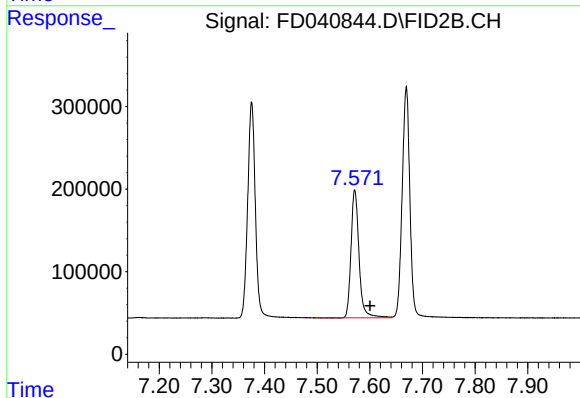
#4 2-Bromonaphthalene (SURR)

R.T.: 6.724 min
Delta R.T.: -0.029 min
Response: 2517071
Conc: 17.60 ug/ml



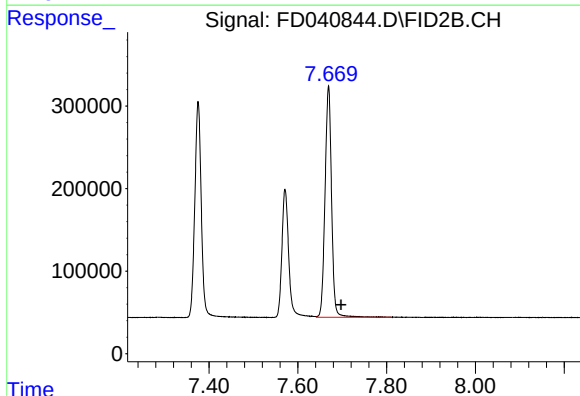
#5 Acenaphthylene (C15.06)

R.T.: 7.376 min
Delta R.T.: -0.029 min
Response: 2646332
Conc: 17.60 ug/ml



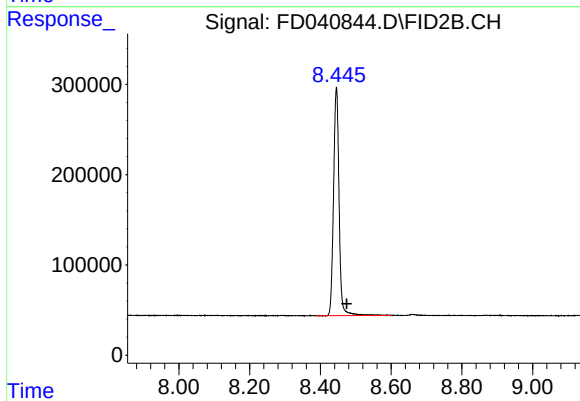
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.572 min
Delta R.T.: -0.029 min
Response: 1641716
Conc: 17.24 ug/ml



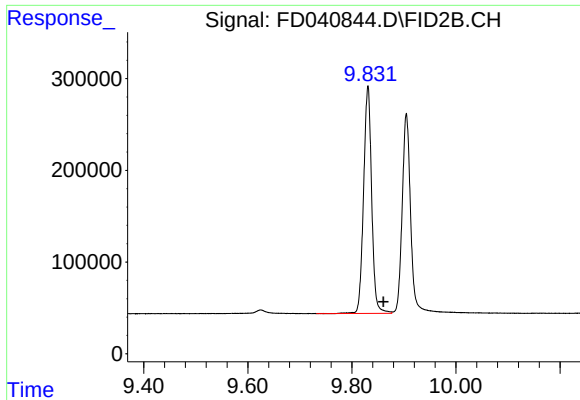
#7 Acenaphthene (C15.5)

R.T.: 7.669 min
Delta R.T.: -0.028 min
Response: 2863527
Conc: 17.77 ug/ml



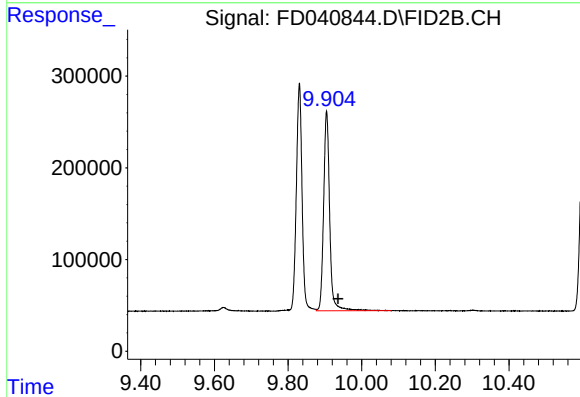
#8 Fluorene (C16.55)

R.T.: 8.445 min
Delta R.T.: -0.030 min
Response: 2740532
Conc: 17.63 ug/ml



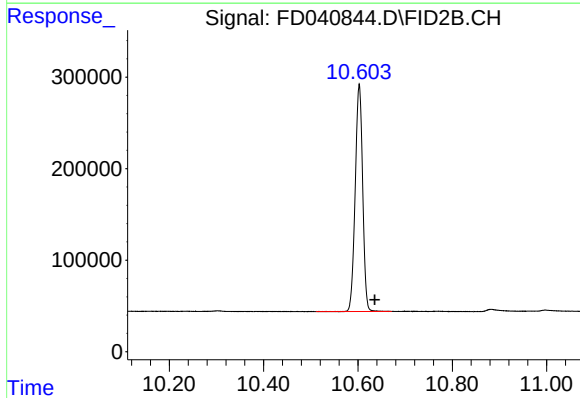
#9 Phenanthrene (C19.36)

R.T.: 9.831 min
Delta R.T.: -0.030 min
Response: 2671966
Conc: 17.37 ug/ml



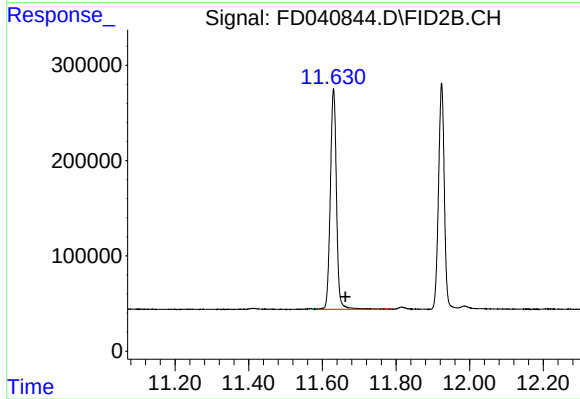
#10 Anthracene (C19.43)

R.T.: 9.905 min
Delta R.T.: -0.031 min
Response: 2487098
Conc: 17.02 ug/ml



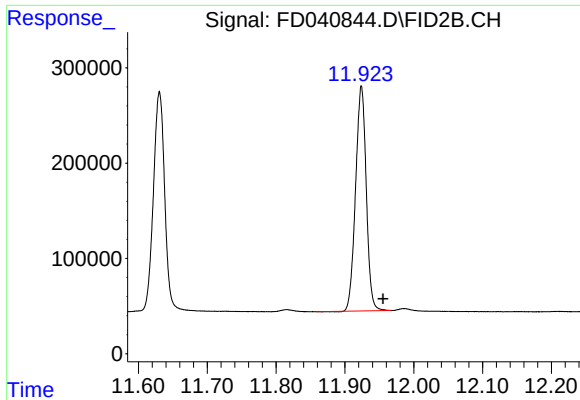
#11 ortho-Terphenyl (SURR)

R.T.: 10.603 min
Delta R.T.: -0.033 min
Response: 2721354
Conc: 17.41 ug/ml



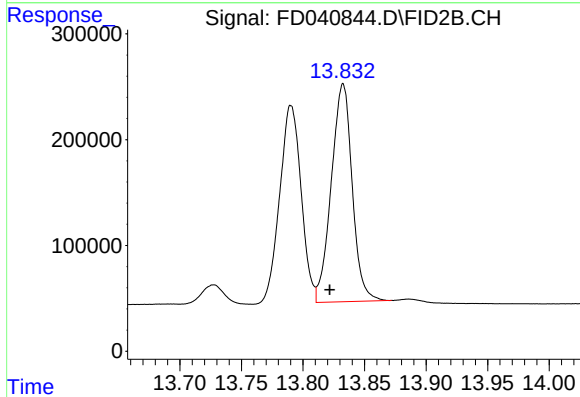
#12 Fluoranthene (C21.85)

R.T.: 11.630 min
Delta R.T.: -0.032 min
Response: 2683470
Conc: 17.28 ug/ml



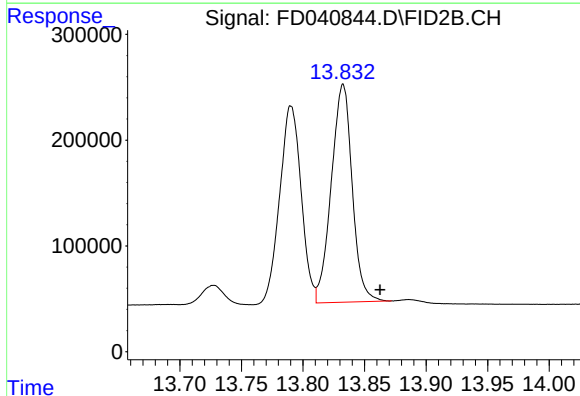
#13 Pyrene (C20.8)

R.T.: 11.924 min
Delta R.T.: -0.032 min
Response: 2537490
Conc: 16.81 ug/ml



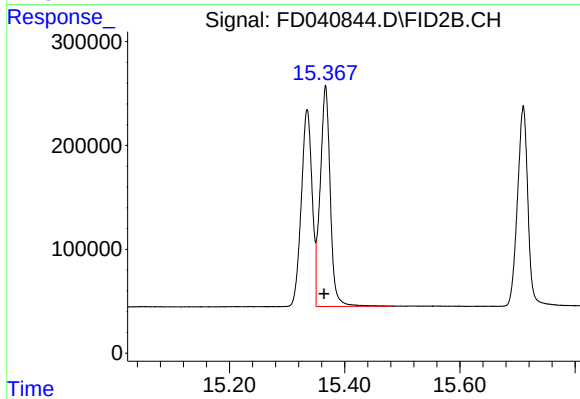
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.832 min
Delta R.T.: 0.011 min
Response: 2438044
Conc: 18.38 ug/ml



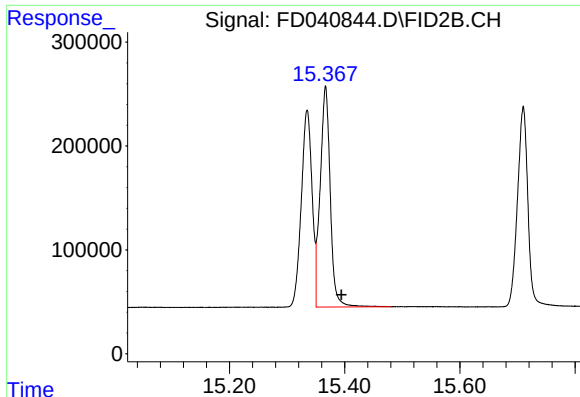
#15 Chrysene (C27.41)

R.T.: 13.832 min
Delta R.T.: -0.030 min
Response: 2438044
Conc: 16.67 ug/ml



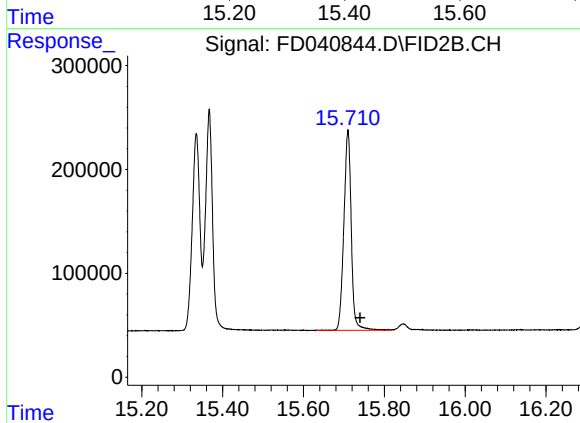
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.367 min
Delta R.T.: 0.003 min
Response: 2566720
Conc: 18.78 ug/ml



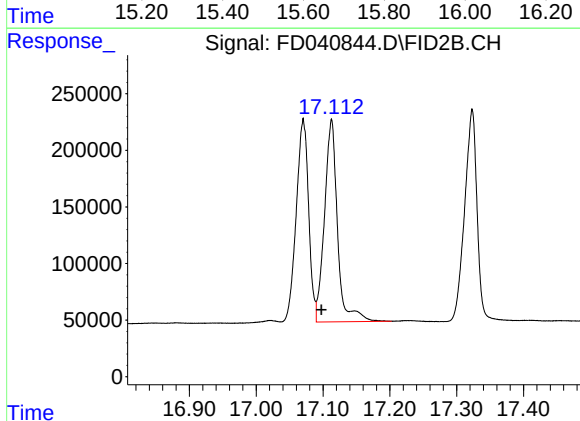
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.367 min
Delta R.T.: -0.028 min
Response: 2566720
Conc: 18.54 ug/ml



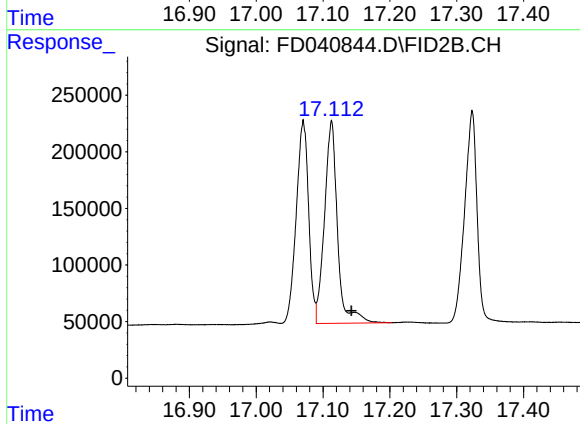
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.710 min
Delta R.T.: -0.030 min
Response: 2446485
Conc: 18.77 ug/ml



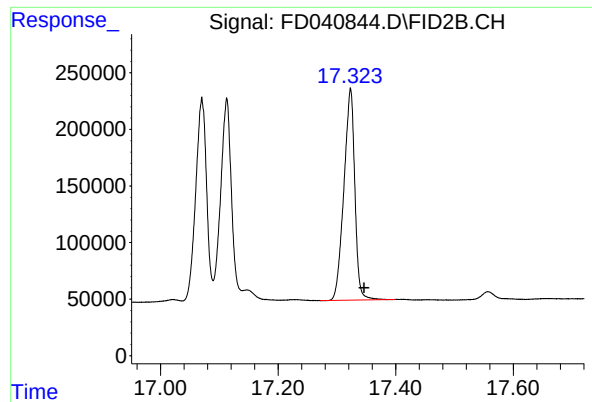
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.112 min
Delta R.T.: 0.014 min
Response: 2416130
Conc: 19.83 ug/ml



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

R.T.: 17.112 min
Delta R.T.: -0.030 min
Response: 2416130
Conc: 19.86 ug/ml



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

R.T.: 17.323 min
Delta R.T.: -0.023 min
Response: 2413899
Conc: 18.80 ug/ml