

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020222AR\
 Data File : FD040858.D
 Signal(s) : FID2B.CH
 Acq On : 02 Feb 2022 10:41
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 11:07:58 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

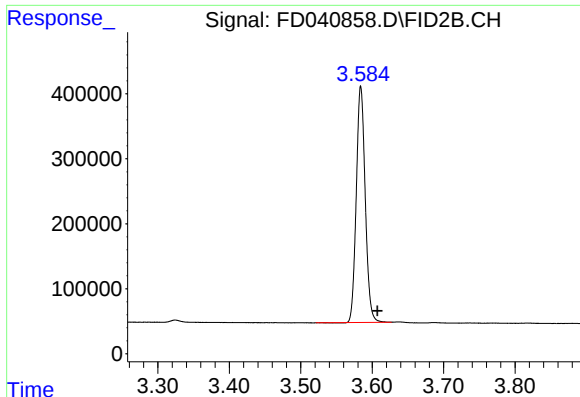
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.722	2900371	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	7.569	1914827	20.109 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.22%
11) S ortho-Terphenyl (SURR)	10.600	3145752	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.584	3164115	20.456 ug/ml
2) T Naphthalene (C11.7)	5.074	3290669	20.561 ug/ml
3) T 2-Methylnaphthalene (...)	6.112	3310178	20.392 ug/ml
5) T Acenaphthylene (C15.06)	7.373	3079024	20.483 ug/ml
7) T Acenaphthene (C15.5)	7.667	3325619	20.633 ug/ml
8) T Fluorene (C16.55)	8.443	3167055	20.376 ug/ml
9) T Phenanthrene (C19.36)	9.828	3095321	20.120 ug/ml
10) T Anthracene (C19.43)	9.902	2851976	19.521 ug/ml
12) T Fluoranthene (C21.85)	11.628	3084919	19.867 ug/ml
13) T Pyrene (C20.8)	11.921	2971706	19.687 ug/mlm
14) T Benzo[a]anthracene (C...	13.786	2659420	20.046 ug/mlm
15) T Chrysene (C27.41)	13.828	2833960	19.379 ug/ml
16) T benzo[b]fluoranthene ...	15.331	2877973	21.062 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.362	3012670	21.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.705	2846536	21.837 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.066	2725395	22.366 ug/mlm
20) T Dibenz[a,h]anthracene...	17.108	2696550	22.168 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.318	2811226	21.894 ug/ml

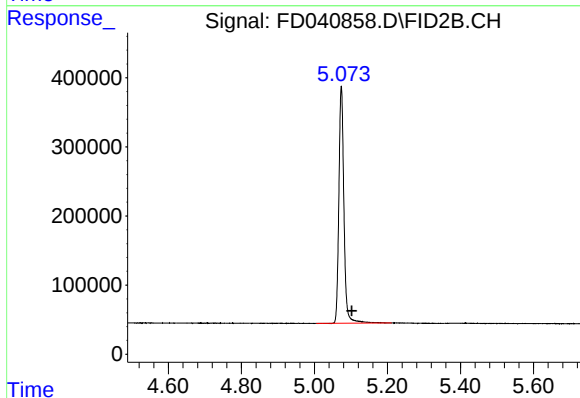
(f)=RT Delta > 1/2 Window

(m)=manual int.



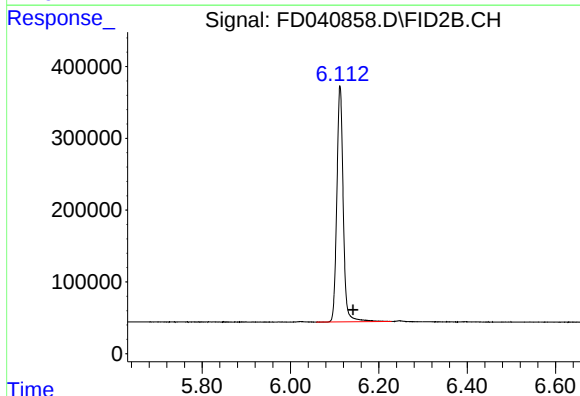
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.584 min
Delta R.T.: -0.023 min
Response: 3164115
Conc: 20.46 ug/ml



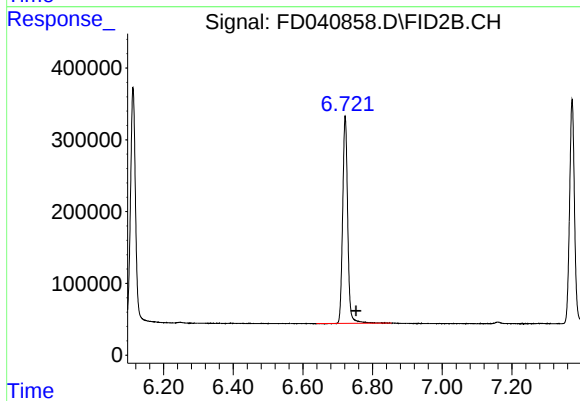
#2 Naphthalene (C11.7)

R.T.: 5.074 min
Delta R.T.: -0.028 min
Response: 3290669
Conc: 20.56 ug/ml



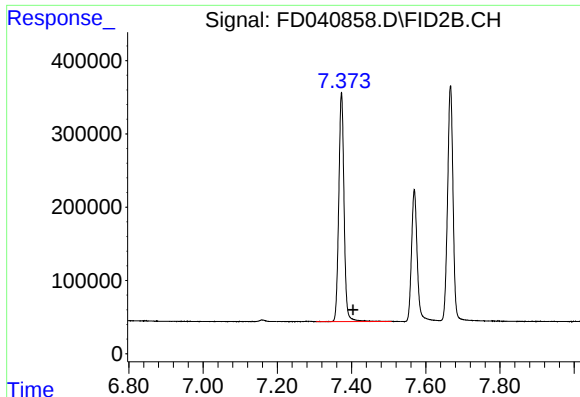
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.112 min
Delta R.T.: -0.029 min
Response: 3310178
Conc: 20.39 ug/ml



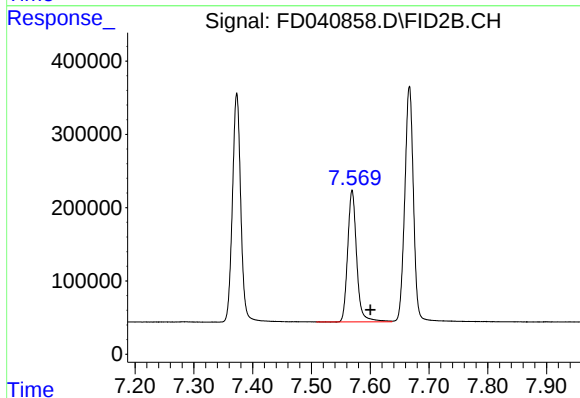
#4 2-Bromonaphthalene (SURR)

R.T.: 6.722 min
Delta R.T.: -0.031 min
Response: 2900371
Conc: 20.28 ug/ml



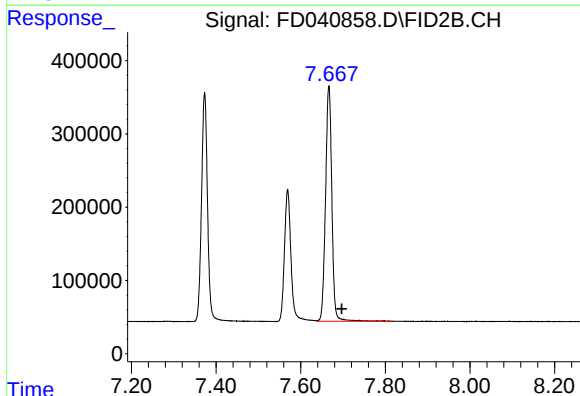
#5 Acenaphthylene (C15.06)

R.T.: 7.373 min
Delta R.T.: -0.031 min
Response: 3079024
Conc: 20.48 ug/ml



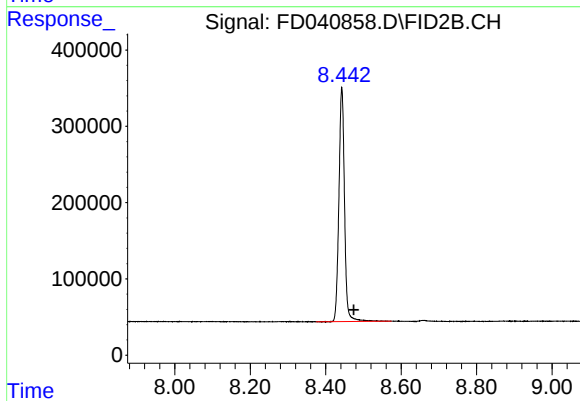
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.569 min
Delta R.T.: -0.031 min
Response: 1914827
Conc: 20.11 ug/ml



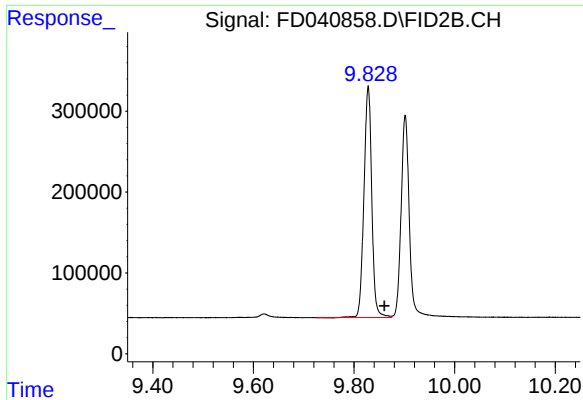
#7 Acenaphthene (C15.5)

R.T.: 7.667 min
Delta R.T.: -0.031 min
Response: 3325619
Conc: 20.63 ug/ml



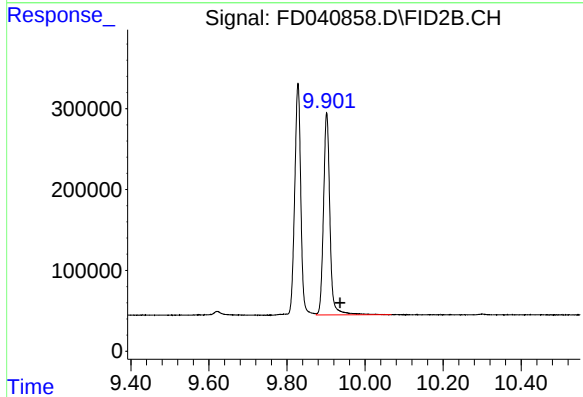
#8 Fluorene (C16.55)

R.T.: 8.443 min
Delta R.T.: -0.032 min
Response: 3167055
Conc: 20.38 ug/ml



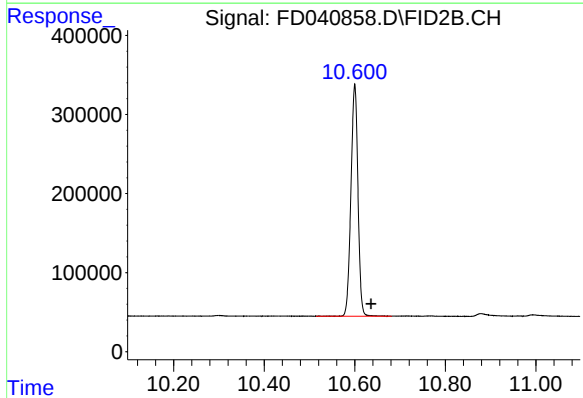
#9 Phenanthrene (C19.36)

R.T.: 9.828 min
Delta R.T.: -0.032 min
Response: 3095321
Conc: 20.12 ug/ml



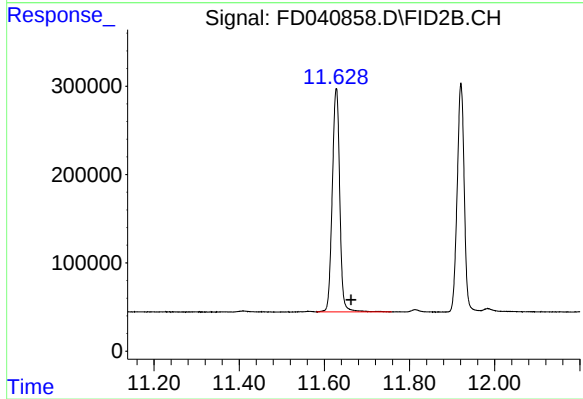
#10 Anthracene (C19.43)

R.T.: 9.902 min
Delta R.T.: -0.034 min
Response: 2851976
Conc: 19.52 ug/ml



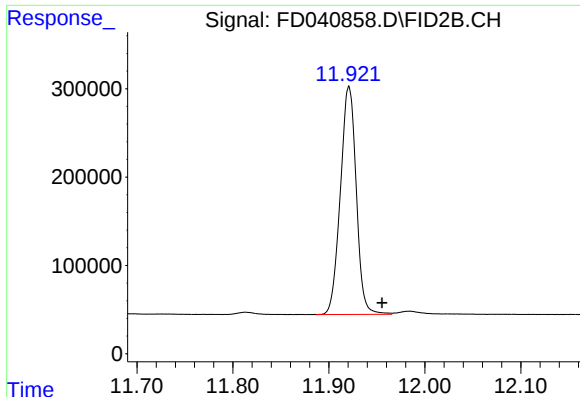
#11 ortho-Terphenyl (SURR)

R.T.: 10.600 min
Delta R.T.: -0.036 min
Response: 3145752
Conc: 20.13 ug/ml



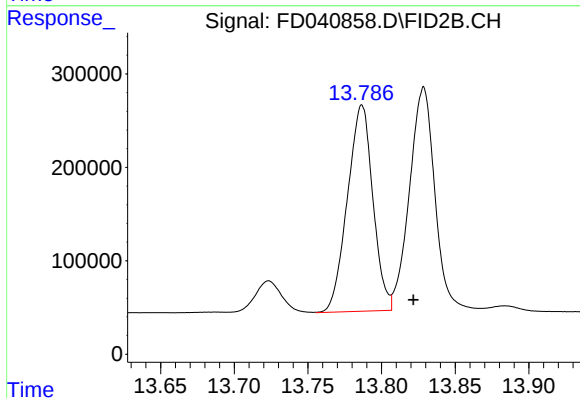
#12 Fluoranthene (C21.85)

R.T.: 11.628 min
Delta R.T.: -0.034 min
Response: 3084919
Conc: 19.87 ug/ml



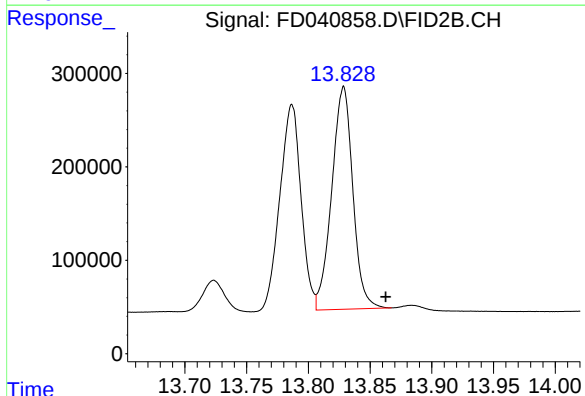
#13 Pyrene (C20.8)

R.T.: 11.921 min
Delta R.T.: -0.035 min
Response: 2971706
Conc: 19.69 ug/ml m



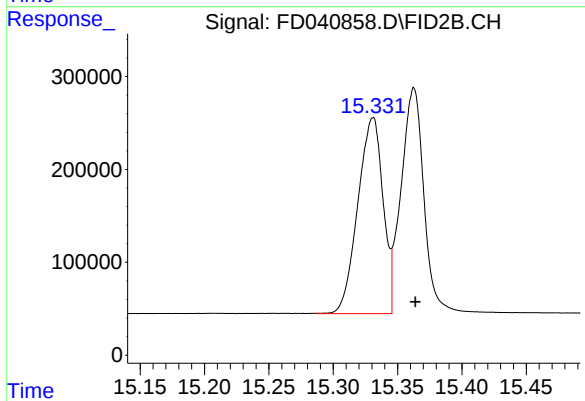
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.786 min
Delta R.T.: -0.035 min
Response: 2659420
Conc: 20.05 ug/ml m



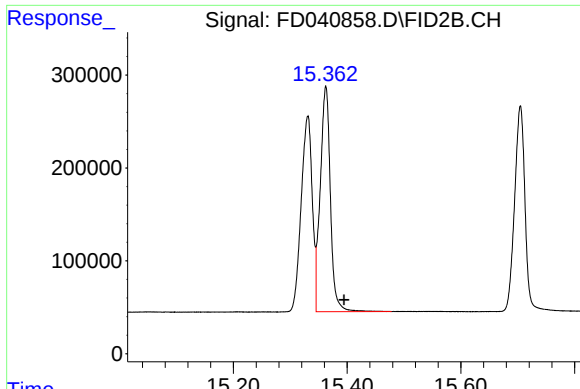
#15 Chrysene (C27.41)

R.T.: 13.828 min
Delta R.T.: -0.034 min
Response: 2833960
Conc: 19.38 ug/ml



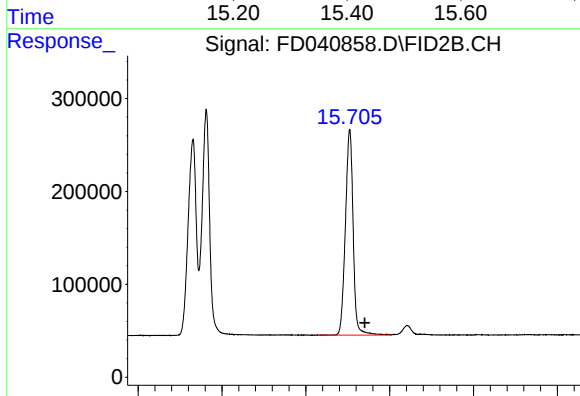
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.331 min
Delta R.T.: -0.033 min
Response: 2877973
Conc: 21.06 ug/ml m



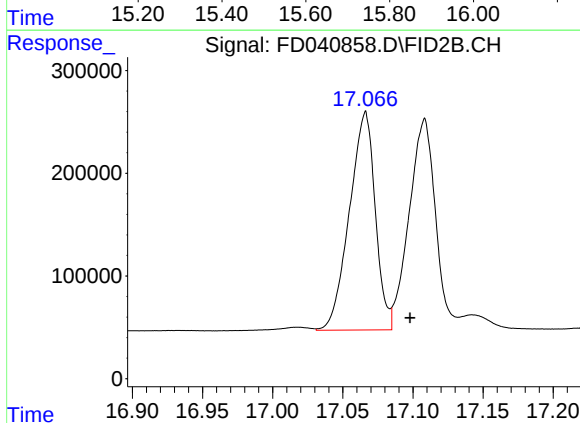
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.362 min
Delta R.T.: -0.032 min
Response: 3012670
Conc: 21.76 ug/ml



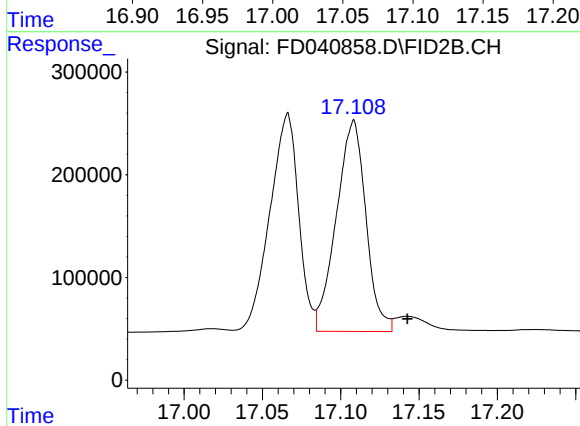
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.705 min
Delta R.T.: -0.036 min
Response: 2846536
Conc: 21.84 ug/ml



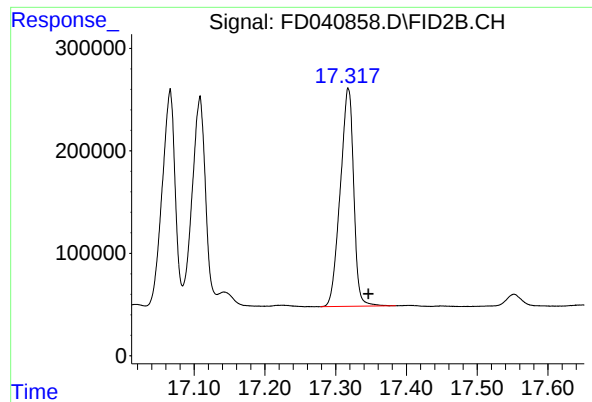
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.066 min
Delta R.T.: -0.032 min
Response: 2725395
Conc: 22.37 ug/ml m



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

R.T.: 17.108 min
Delta R.T.: -0.034 min
Response: 2696550
Conc: 22.17 ug/ml m



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

R.T.: 17.318 min
Delta R.T.: -0.029 min
Response: 2811226
Conc: 21.89 ug/ml