

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010522AR\
 Data File : FD040445.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jan 2022 1:53
 Operator : AJ\MA
 Sample : N1016-01MS
 Misc : 5 PPM LOQ SOIL
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 06 02:21:24 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

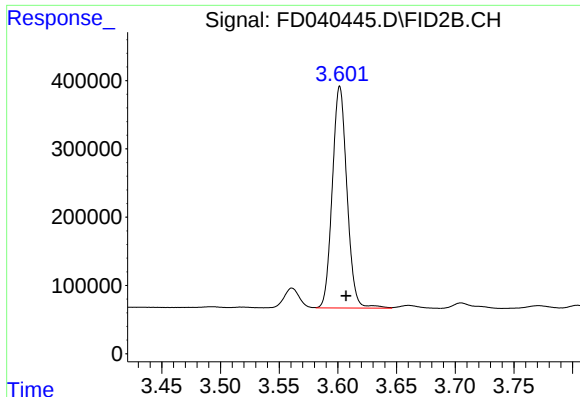
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.749	8206898	57.383 ug/ml
Spiked Amount 50.000		Recovery =	114.77%
6) S 2-Fluorobiphenyl (SURR)	7.598	5618713	59.006 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	118.01%
11) S ortho-Terphenyl (SURR)	10.634	6037284	38.631 ug/ml
Spiked Amount 50.000		Recovery =	77.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.602	2821239	18.239 ug/ml
2) T Naphthalene (C11.7)	5.096	4274028	26.705 ug/ml
3) T 2-Methylnaphthalene (...)	6.136	4369659	26.919 ug/ml
5) T Acenaphthylene (C15.06)	7.400	4635319	30.836 ug/ml
7) T Acenaphthene (C15.5)	7.695	5403992	33.527 ug/ml
8) T Fluorene (C16.55)	8.472	5399424	34.738 ug/ml
9) T Phenanthrene (C19.36)	9.862	8682573	56.437 ug/ml
10) T Anthracene (C19.43)	9.934	5724000	39.179 ug/ml
12) T Fluoranthene (C21.85)	11.668	10729779	69.102 ug/ml
13) T Pyrene (C20.8)	11.961	8917584	59.078 ug/ml
14) T Benzo[a]anthracene (C...	13.827	6821783	51.422 ug/ml
15) T Chrysene (C27.41)	13.872	6770119	46.296 ug/ml
16) T benzo[b]fluoranthene ...	15.378	6896784	50.473 ug/ml
17) T Bnezo[k]fluoranthene ...	15.407	4726434	34.145 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.752	5663220	43.446 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.114	4431834	36.370 ug/ml
20) T Dibenz[a,h]anthracene...	17.154	3747547	30.809 ug/ml
21) T Benzo[g,h,i]perylene ...	17.368	4499816	35.044 ug/ml

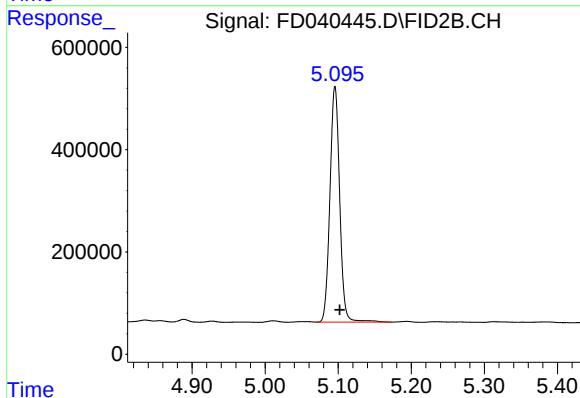
(f)=RT Delta > 1/2 Window

(m)=manual int.



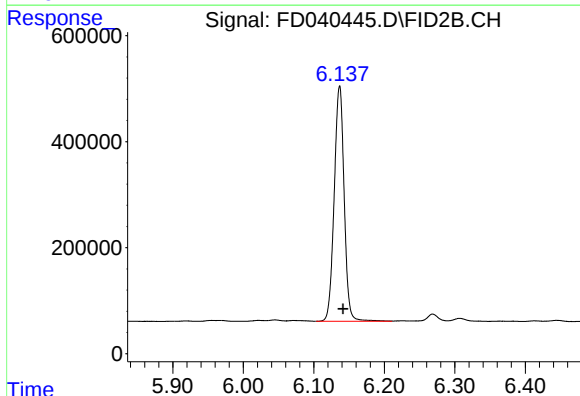
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 2821239
Conc: 18.24 ug/ml



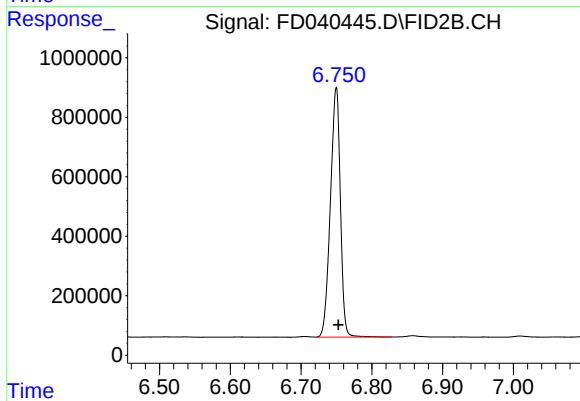
#2 Naphthalene (C11.7)

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 4274028
Conc: 26.70 ug/ml



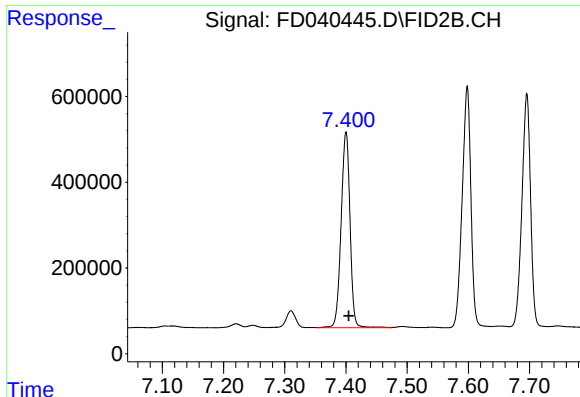
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.136 min
Delta R.T.: -0.005 min
Response: 4369659
Conc: 26.92 ug/ml



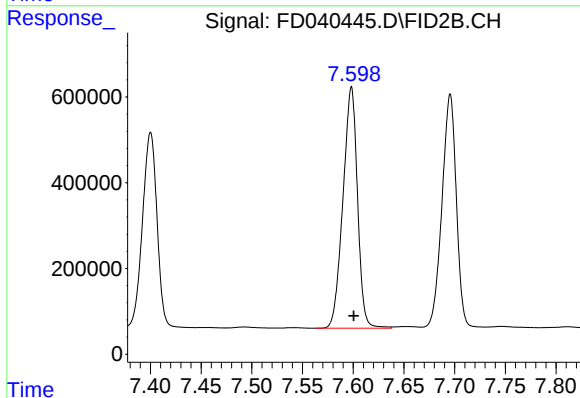
#4 2-Bromonaphthalene (SURR)

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 8206898
Conc: 57.38 ug/ml



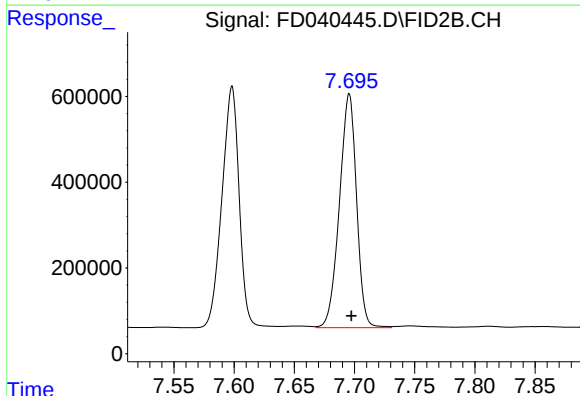
#5 Acenaphthylene (C15.06)

R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 4635319
Conc: 30.84 ug/ml



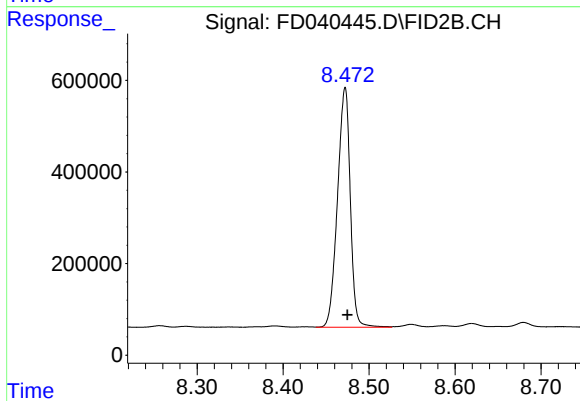
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.598 min
Delta R.T.: -0.003 min
Response: 5618713
Conc: 59.01 ug/ml



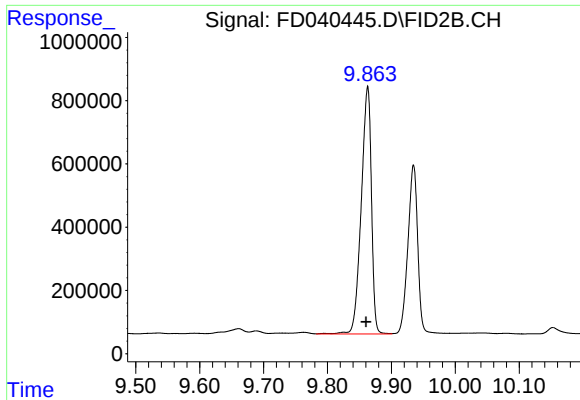
#7 Acenaphthene (C15.5)

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 5403992
Conc: 33.53 ug/ml



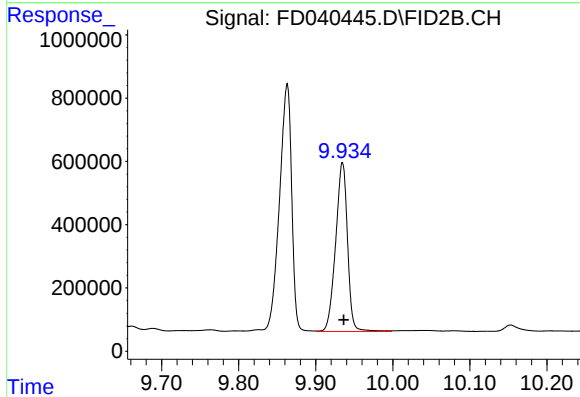
#8 Flouorene (C16.55)

R.T.: 8.472 min
Delta R.T.: -0.003 min
Response: 5399424
Conc: 34.74 ug/ml



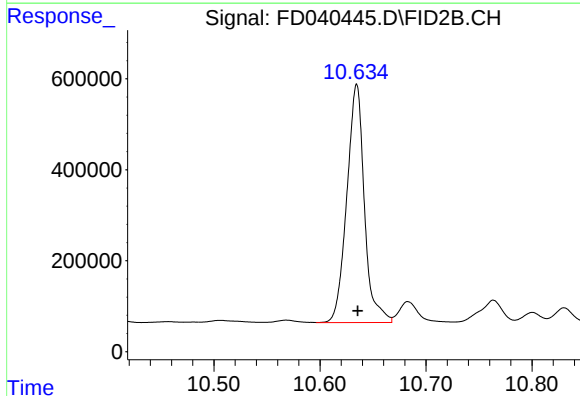
#9 Phenanthrene (C19.36)

R.T.: 9.862 min
Delta R.T.: 0.002 min
Response: 8682573
Conc: 56.44 ug/ml



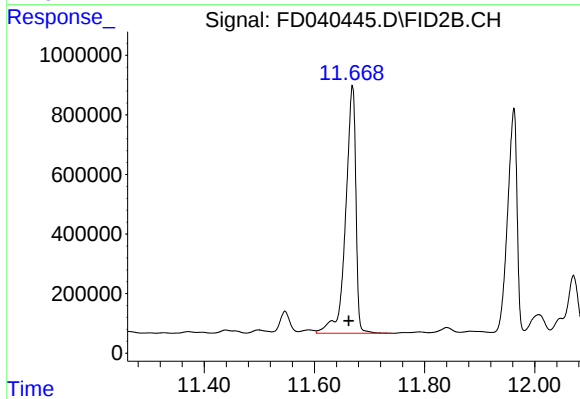
#10 Anthracene (C19.43)

R.T.: 9.934 min
Delta R.T.: -0.002 min
Response: 5724000
Conc: 39.18 ug/ml



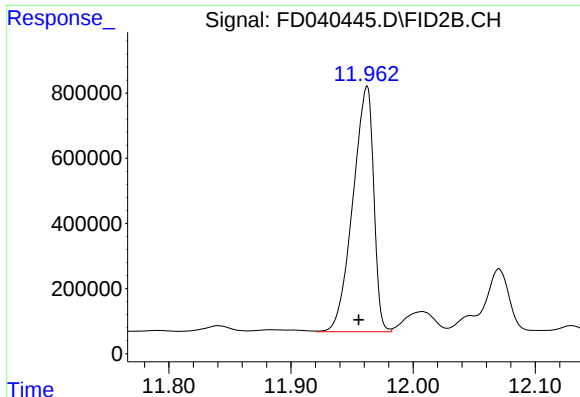
#11 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: -0.001 min
Response: 6037284
Conc: 38.63 ug/ml



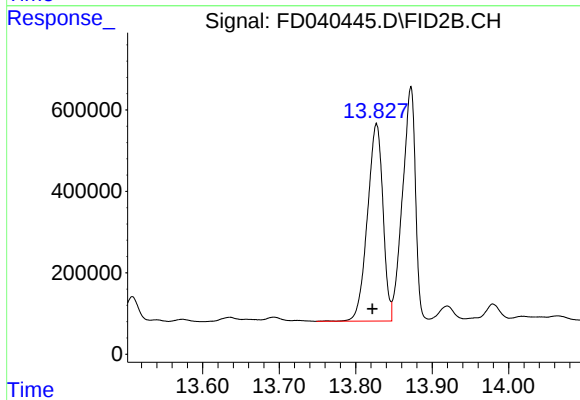
#12 Fluoranthene (C21.85)

R.T.: 11.668 min
Delta R.T.: 0.006 min
Response: 10729779
Conc: 69.10 ug/ml



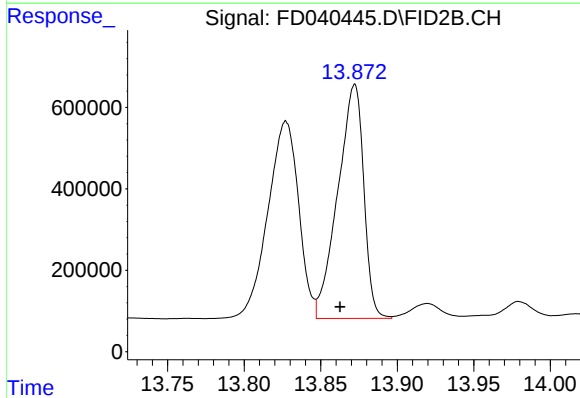
#13 Pyrene (C20.8)

R.T.: 11.961 min
Delta R.T.: 0.006 min
Response: 8917584
Conc: 59.08 ug/ml



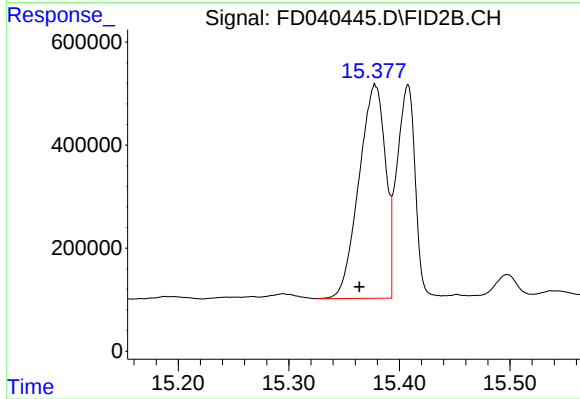
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.827 min
Delta R.T.: 0.005 min
Response: 6821783
Conc: 51.42 ug/ml



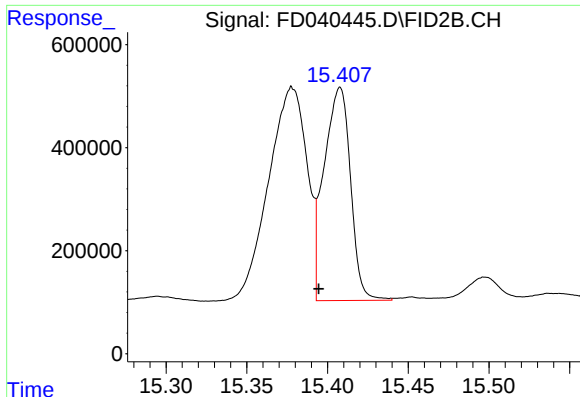
#15 Chrysene (C27.41)

R.T.: 13.872 min
Delta R.T.: 0.009 min
Response: 6770119
Conc: 46.30 ug/ml



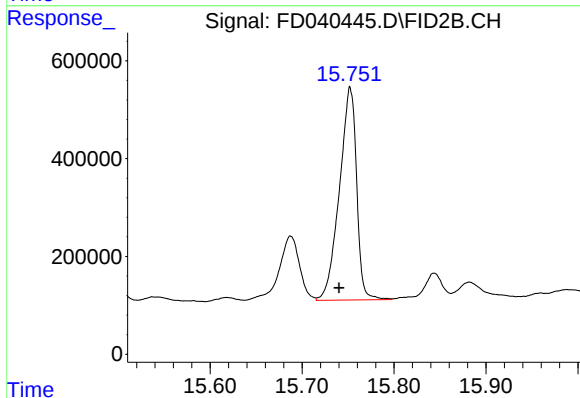
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.378 min
Delta R.T.: 0.014 min
Response: 6896784
Conc: 50.47 ug/ml



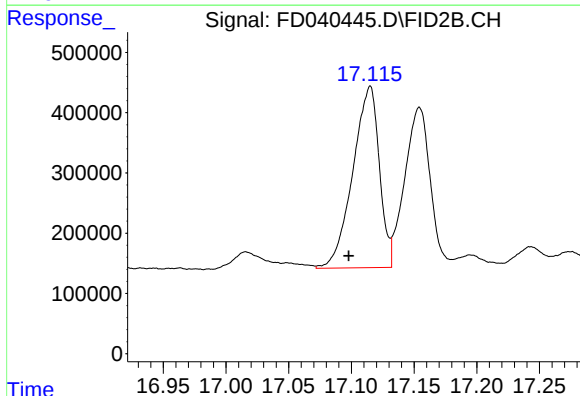
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.407 min
Delta R.T.: 0.013 min
Response: 4726434
Conc: 34.15 ug/ml



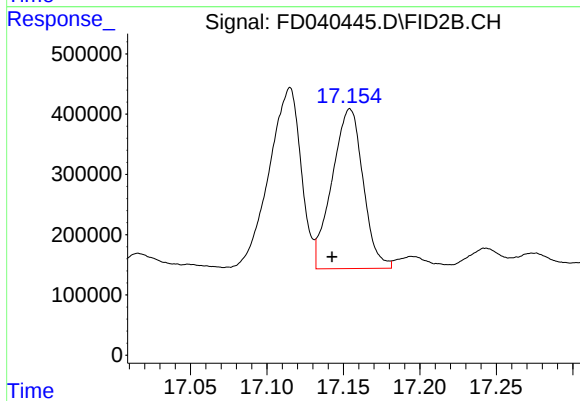
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.752 min
Delta R.T.: 0.012 min
Response: 5663220
Conc: 43.45 ug/ml



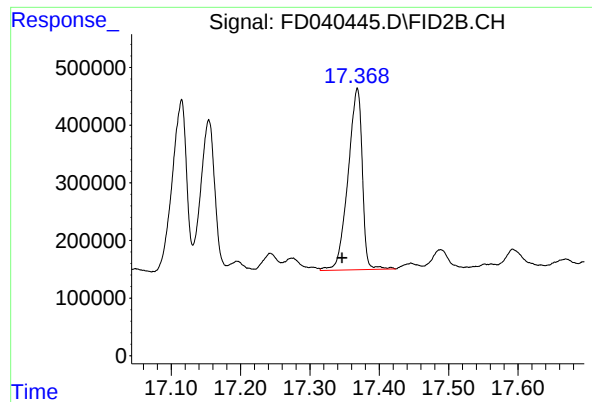
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.114 min
Delta R.T.: 0.016 min
Response: 4431834
Conc: 36.37 ug/ml



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

R.T.: 17.154 min
Delta R.T.: 0.011 min
Response: 3747547
Conc: 30.81 ug/ml



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

R.T.: 17.368 min
Delta R.T.: 0.021 min
Response: 4499816
Conc: 35.04 ug/ml