

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AR\
 Data File : FD040392.D
 Signal(s) : FID2B.CH
 Acq On : 04 Jan 2022 18:37
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 05 01:12:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:01:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

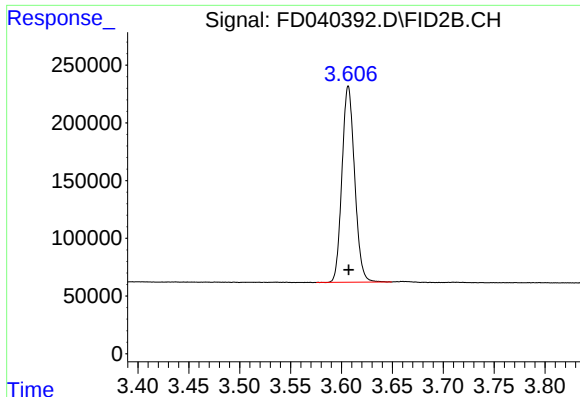
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.752	1374728	9.528 ug/ml
Spiked Amount 50.000		Recovery =	19.06%
6) S 2-Fluorobiphenyl (SURR)	7.601	914165	9.458 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.92%
11) S ortho-Terphenyl (SURR)	10.636	1538123	9.838 ug/ml
Spiked Amount 50.000		Recovery =	19.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.607	1471233	9.551 ug/ml
2) T Naphthalene (C11.7)	5.101	1515371	9.376 ug/ml
3) T 2-Methylnaphthalene (...)	6.142	1554789	9.474 ug/ml
5) T Acenaphthylene (C15.06)	7.404	1446602	9.493 ug/ml
7) T Acenaphthene (C15.5)	7.698	1567480	9.667 ug/ml
8) T Fluorene (C16.55)	8.474	1499471	9.539 ug/ml
9) T Phenanthrene (C19.36)	9.861	1500495	9.636 ug/ml
10) T Anthracene (C19.43)	9.935	1432505	9.718 ug/ml
12) T Fluoranthene (C21.85)	11.663	1524031	9.793 ug/ml
13) T Pyrene (C20.8)	11.956	1468728	9.647 ug/ml
14) T Benzo[a]anthracene (C...	13.824	1282407	9.543 ug/ml
15) T Chrysene (C27.41)	13.864	1447297	9.941 ug/ml
16) T benzo[b]fluoranthene ...	15.366	1326603	9.580 ug/ml
17) T Bnezo[k]fluoranthene ...	15.397	1362551	9.809 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.741	1283236	10.119 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.099	1145758	9.449 ug/ml
20) T Dibenz[a,h]anthracene...	17.143	1162969	9.570 ug/ml
21) T Benzo[g,h,i]perylene ...	17.350	1251541	9.845 ug/ml

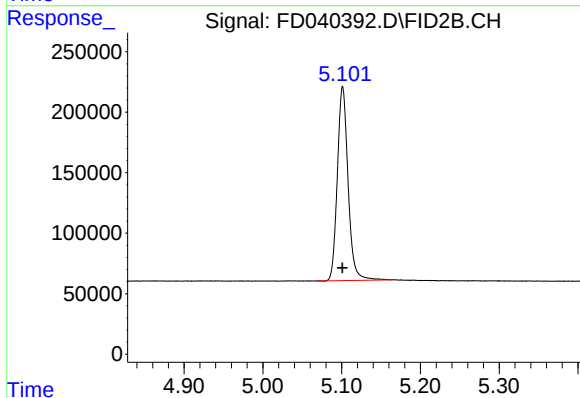
(f)=RT Delta > 1/2 Window

(m)=manual int.



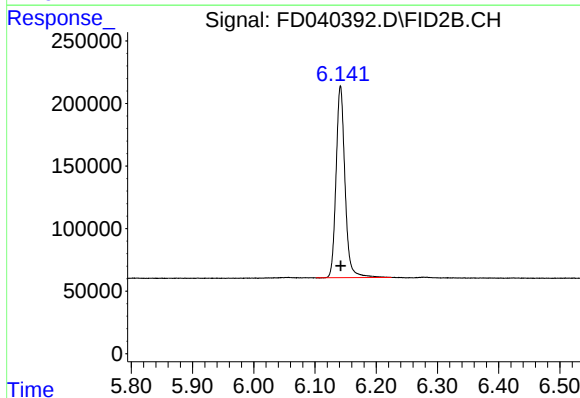
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 1471233
Conc: 9.55 ug/ml



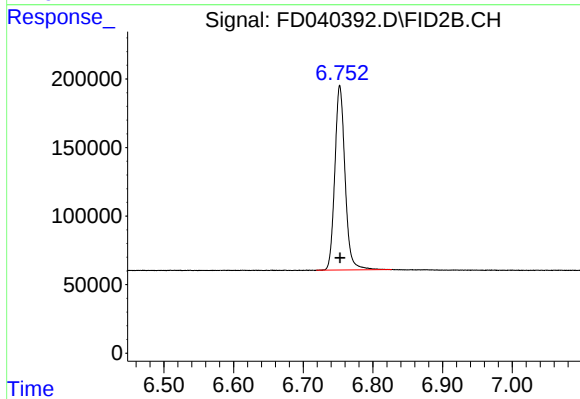
#2 Naphthalene (C11.7)

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 1515371
Conc: 9.38 ug/ml



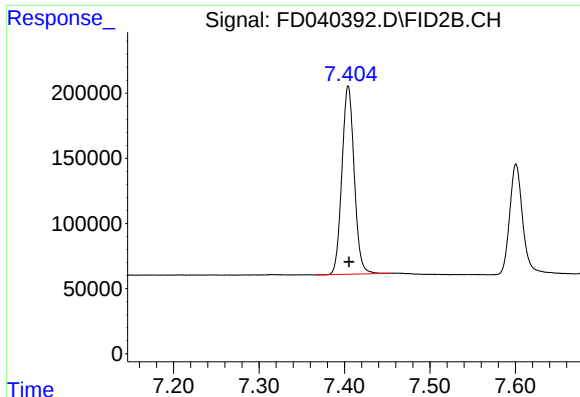
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1554789
Conc: 9.47 ug/ml



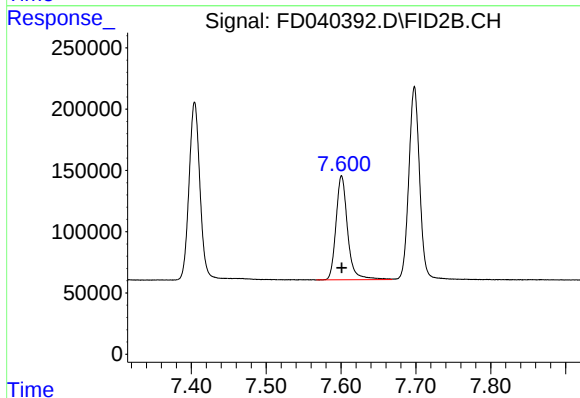
#4 2-Bromonaphthalene (SURR)

R.T.: 6.752 min
Delta R.T.: 0.000 min
Response: 1374728
Conc: 9.53 ug/ml



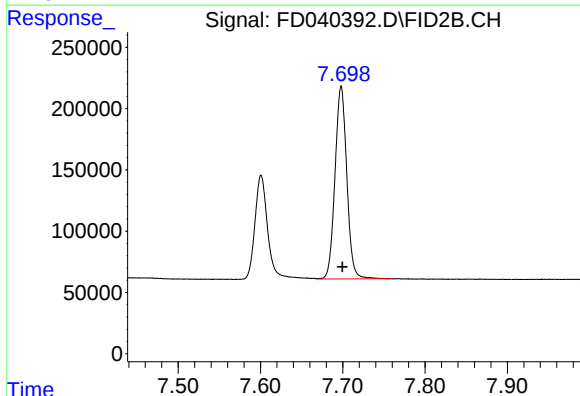
#5 Acenaphthylene (C15.06)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 1446602
Conc: 9.49 ug/ml



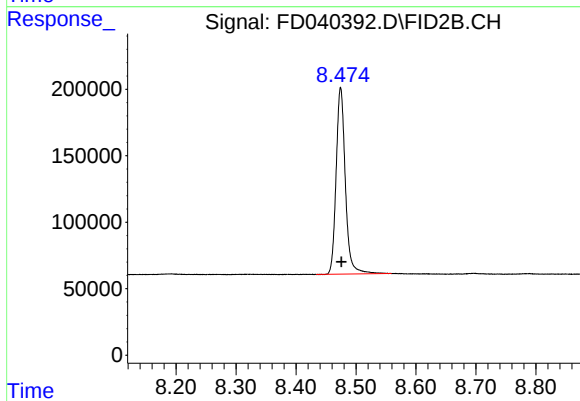
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 914165
Conc: 9.46 ug/ml



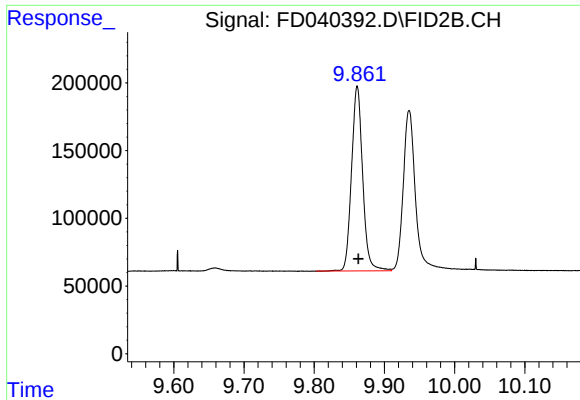
#7 Acenaphthene (C15.5)

R.T.: 7.698 min
Delta R.T.: -0.001 min
Response: 1567480
Conc: 9.67 ug/ml



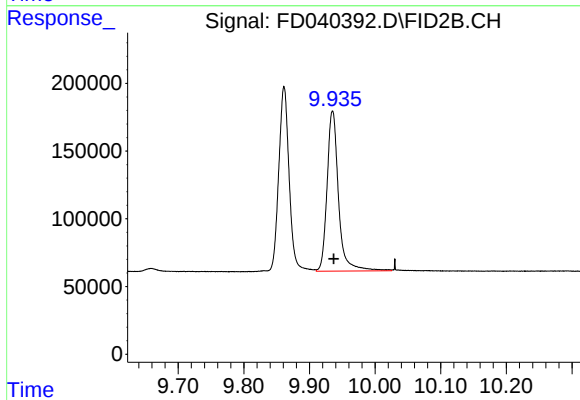
#8 Flouorene (C16.55)

R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 1499471
Conc: 9.54 ug/ml



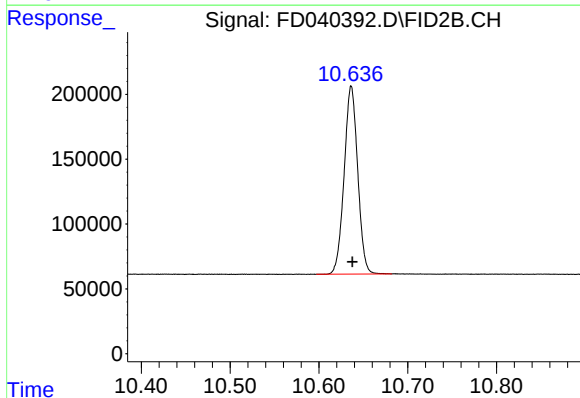
#9 Phenanthrene (C19.36)

R.T.: 9.861 min
Delta R.T.: -0.002 min
Response: 1500495
Conc: 9.64 ug/ml



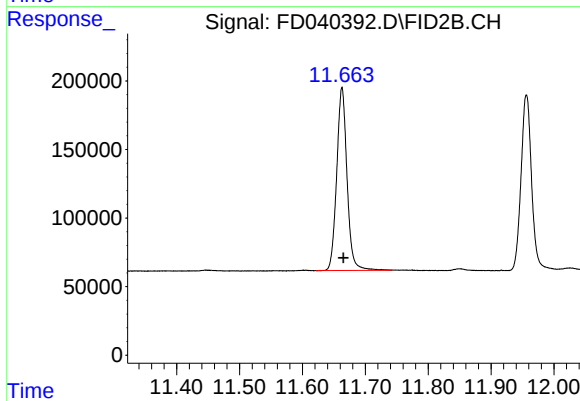
#10 Anthracene (C19.43)

R.T.: 9.935 min
Delta R.T.: -0.002 min
Response: 1432505
Conc: 9.72 ug/ml



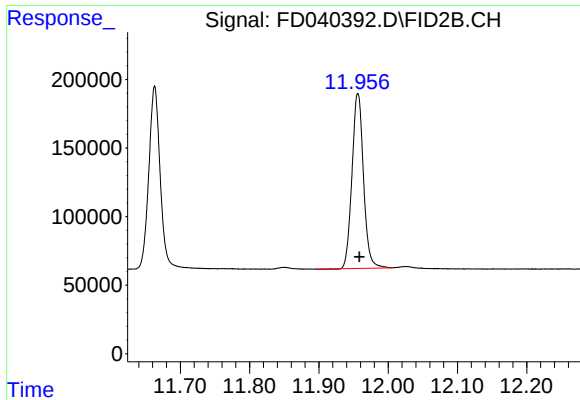
#11 ortho-Terphenyl (SURR)

R.T.: 10.636 min
Delta R.T.: -0.001 min
Response: 1538123
Conc: 9.84 ug/ml



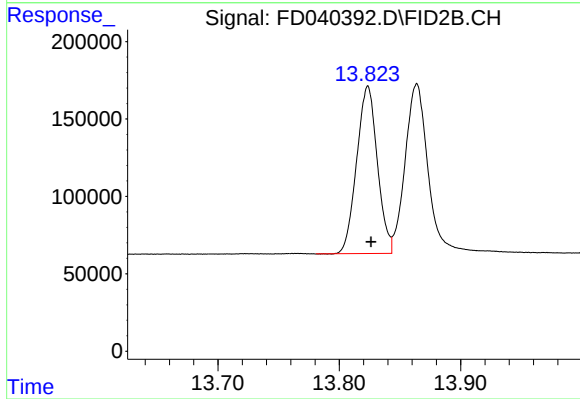
#12 Fluoranthene (C21.85)

R.T.: 11.663 min
Delta R.T.: -0.002 min
Response: 1524031
Conc: 9.79 ug/ml



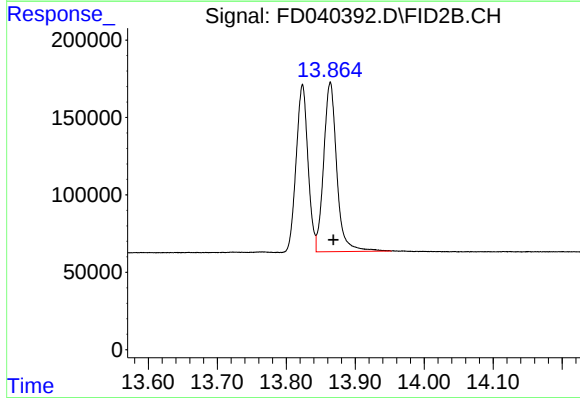
#13 Pyrene (C20.8)

R.T.: 11.956 min
Delta R.T.: -0.002 min
Response: 1468728
Conc: 9.65 ug/ml



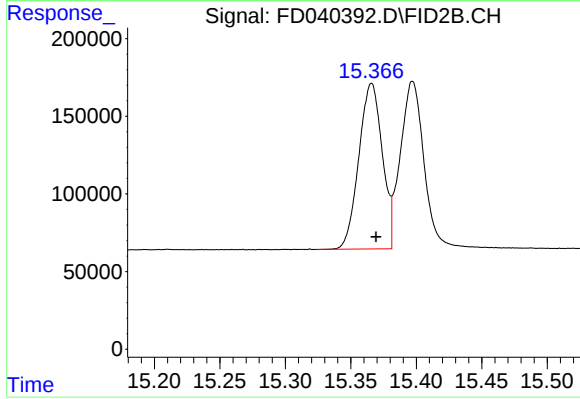
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.824 min
Delta R.T.: -0.003 min
Response: 1282407
Conc: 9.54 ug/ml



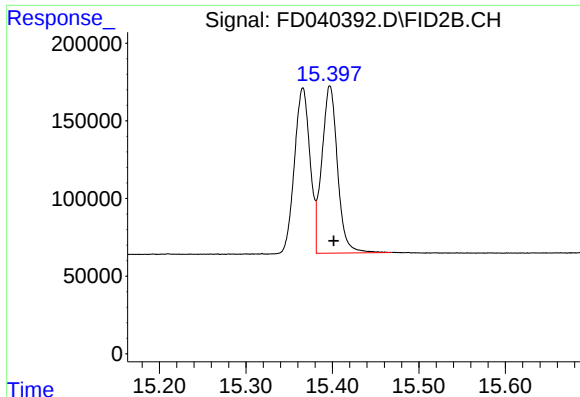
#15 Chrysene (C27.41)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 1447297
Conc: 9.94 ug/ml



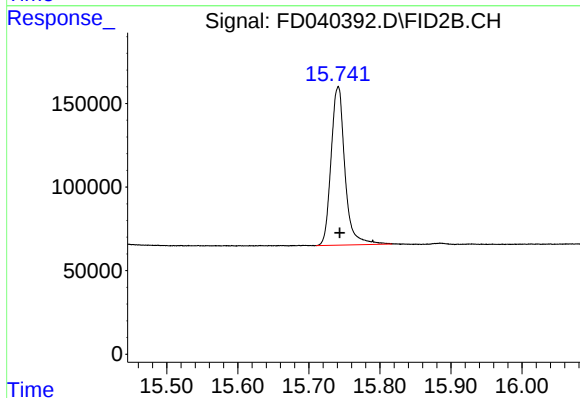
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 1326603
Conc: 9.58 ug/ml



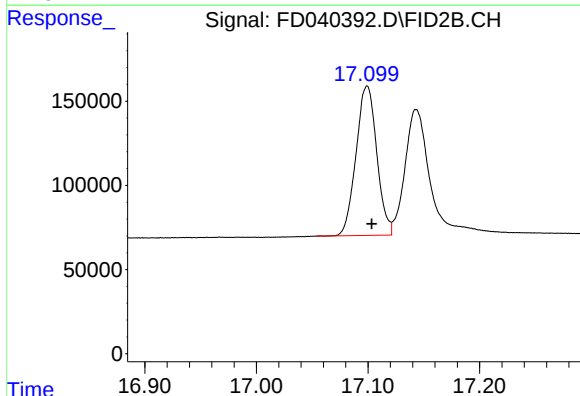
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.397 min
Delta R.T.: -0.004 min
Response: 1362551
Conc: 9.81 ug/ml



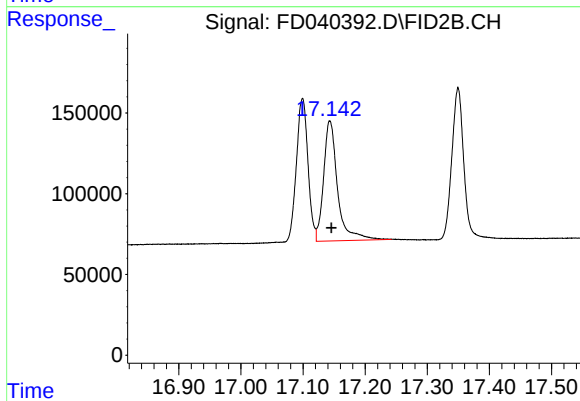
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.741 min
Delta R.T.: -0.002 min
Response: 1283236
Conc: 10.12 ug/ml m



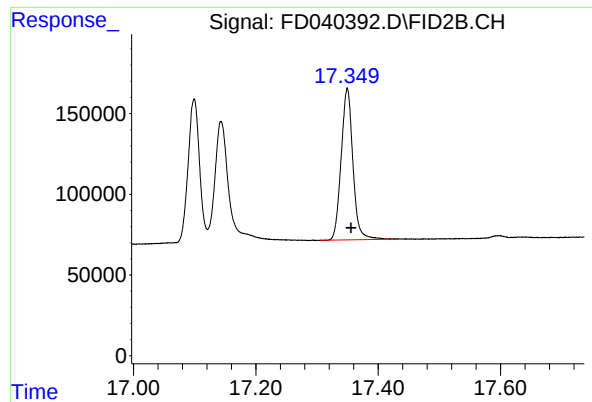
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.099 min
Delta R.T.: -0.004 min
Response: 1145758
Conc: 9.45 ug/ml



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

R.T.: 17.143 min
Delta R.T.: -0.003 min
Response: 1162969
Conc: 9.57 ug/ml



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

R.T.: 17.350 min
Delta R.T.: -0.006 min
Response: 1251541
Conc: 9.85 ug/ml