

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012122AR\
 Data File : FD040717.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jan 2022 10:29
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 23:35:58 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

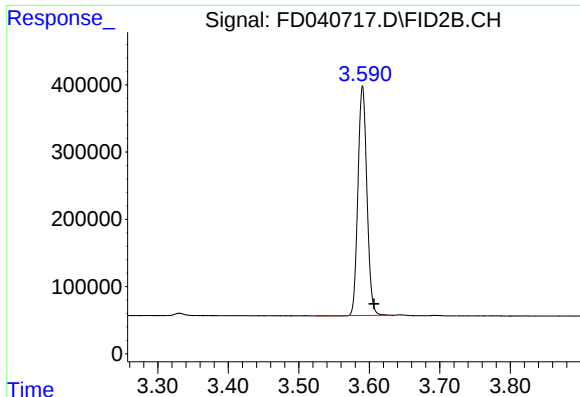
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.729	2743534	19.183 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
6) S 2-Fluorobiphenyl (SURR)	7.577	1809377	19.002 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.00%
11) S ortho-Terphenyl (SURR)	10.610	2950605	18.880 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.591	3018742	19.516 ug/ml
2) T Naphthalene (C11.7)	5.081	3136095	19.595 ug/ml
3) T 2-Methylnaphthalene (...)	6.119	3137145	19.326 ug/ml
5) T Acenaphthylene (C15.06)	7.381	2878757	19.151 ug/ml
7) T Acenaphthene (C15.5)	7.675	3122438	19.372 ug/ml
8) T Fluorene (C16.55)	8.451	2995278	19.271 ug/ml
9) T Phenanthrene (C19.36)	9.837	2921110	18.987 ug/ml
10) T Anthracene (C19.43)	9.910	2368035	16.208 ug/ml
12) T Fluoranthene (C21.85)	11.637	2925484	18.841 ug/ml
13) T Pyrene (C20.8)	11.930	2822811	18.701 ug/ml
14) T Benzo[a]anthracene (C...	13.838	2823314	21.282 ug/ml
15) T Chrysene (C27.41)	13.838	2823314	19.307 ug/ml
16) T benzo[b]fluoranthene ...	15.372	2861159	20.939 ug/ml
17) T Bnezo[k]fluoranthene ...	15.372	2861159	20.670 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.714	2634220	20.209 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.118	2610828	21.426 ug/ml
20) T Dibenz[a,h]anthracene...	17.156	157593	1.296 ug/ml
21) T Benzo[g,h,i]perylene ...	17.327	2684806	20.909 ug/ml

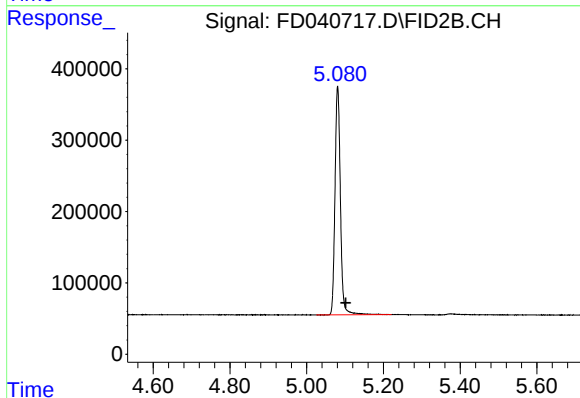
(f)=RT Delta > 1/2 Window

(m)=manual int.



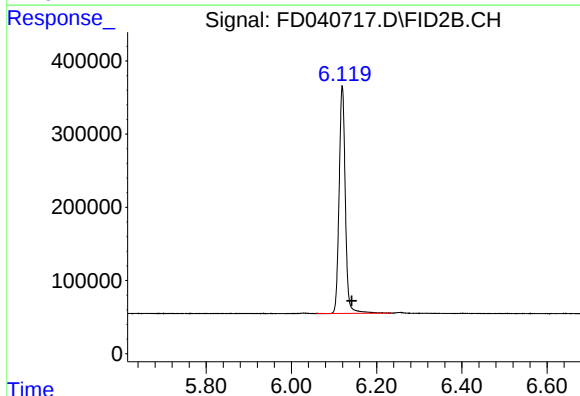
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.591 min
Delta R.T.: -0.016 min
Response: 3018742
Conc: 19.52 ug/ml



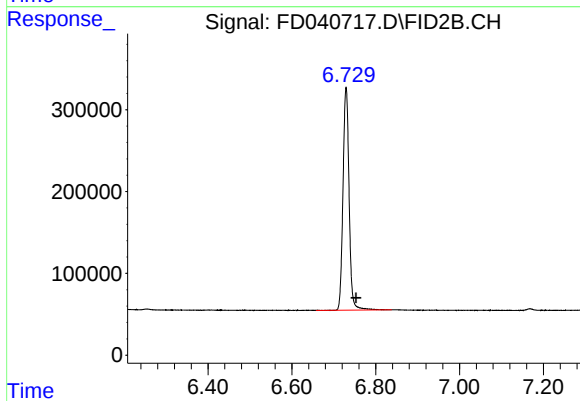
#2 Naphthalene (C11.7)

R.T.: 5.081 min
Delta R.T.: -0.021 min
Response: 3136095
Conc: 19.59 ug/ml



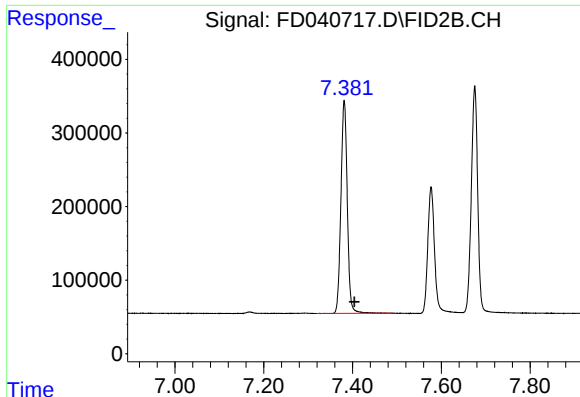
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.022 min
Response: 3137145
Conc: 19.33 ug/ml



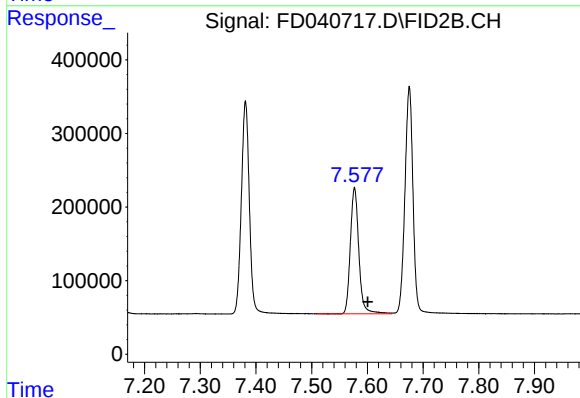
#4 2-Bromonaphthalene (SURR)

R.T.: 6.729 min
Delta R.T.: -0.023 min
Response: 2743534
Conc: 19.18 ug/ml



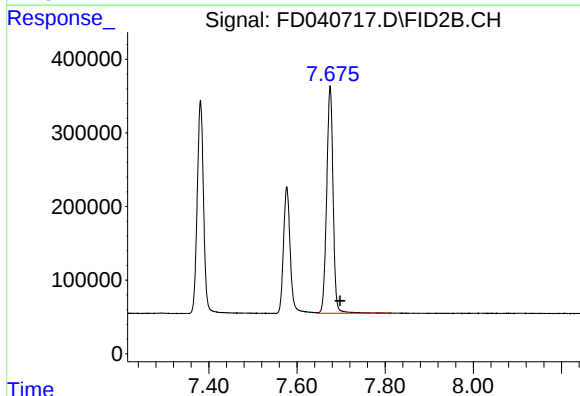
#5 Acenaphthylene (C15.06)

R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 2878757
Conc: 19.15 ug/ml



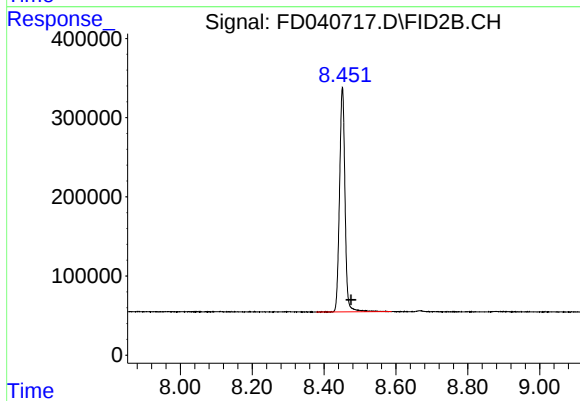
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.577 min
Delta R.T.: -0.024 min
Response: 1809377
Conc: 19.00 ug/ml



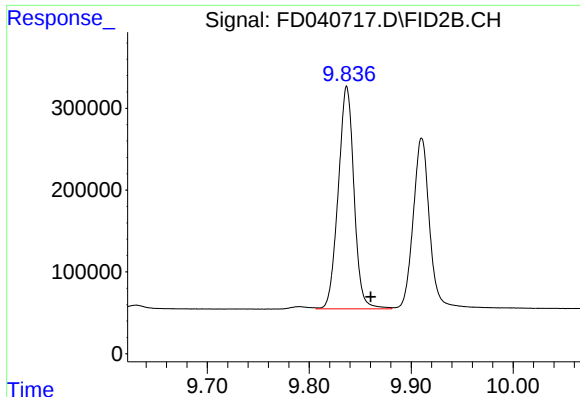
#7 Acenaphthene (C15.5)

R.T.: 7.675 min
Delta R.T.: -0.022 min
Response: 3122438
Conc: 19.37 ug/ml



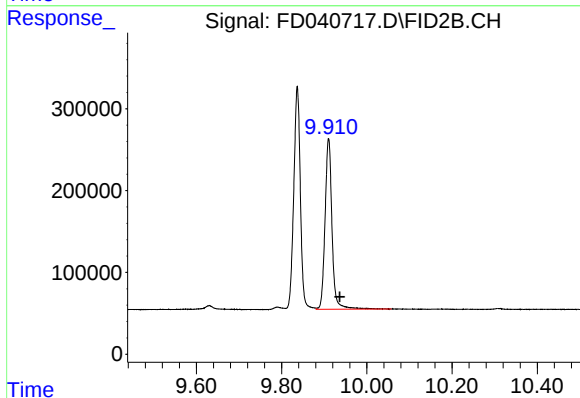
#8 Fluorene (C16.55)

R.T.: 8.451 min
Delta R.T.: -0.024 min
Response: 2995278
Conc: 19.27 ug/ml



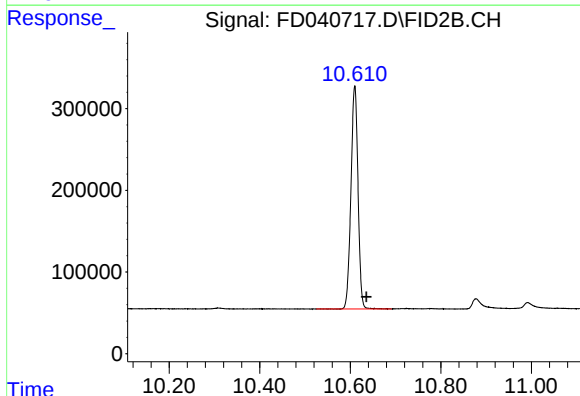
#9 Phenanthrene (C19.36)

R.T.: 9.837 min
Delta R.T.: -0.024 min
Response: 2921110
Conc: 18.99 ug/ml



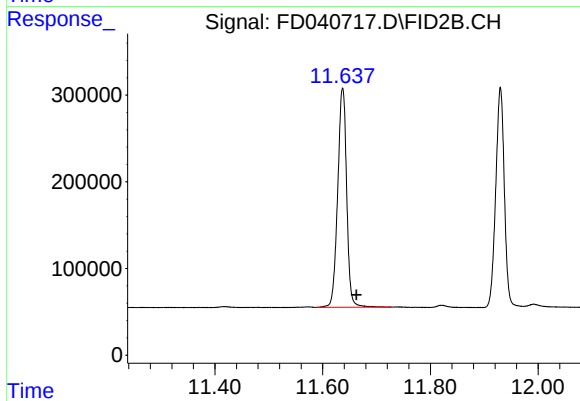
#10 Anthracene (C19.43)

R.T.: 9.910 min
Delta R.T.: -0.026 min
Response: 2368035
Conc: 16.21 ug/ml



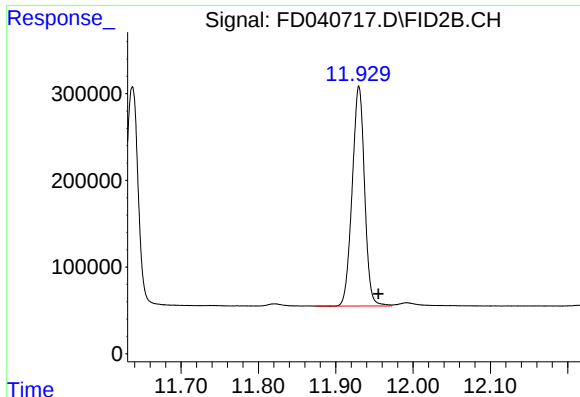
#11 ortho-Terphenyl (SURR)

R.T.: 10.610 min
Delta R.T.: -0.026 min
Response: 2950605
Conc: 18.88 ug/ml



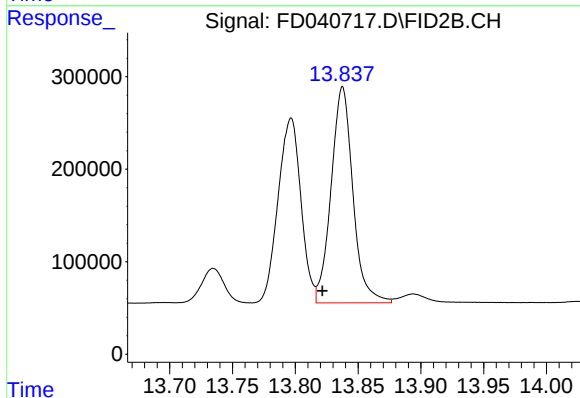
#12 Fluoranthene (C21.85)

R.T.: 11.637 min
Delta R.T.: -0.025 min
Response: 2925484
Conc: 18.84 ug/ml



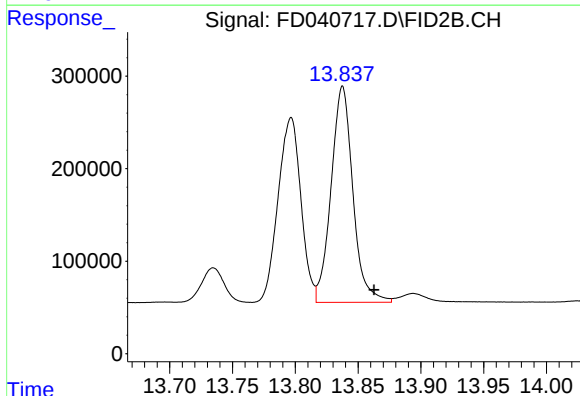
#13 Pyrene (C20.8)

R.T.: 11.930 min
Delta R.T.: -0.025 min
Response: 2822811
Conc: 18.70 ug/ml



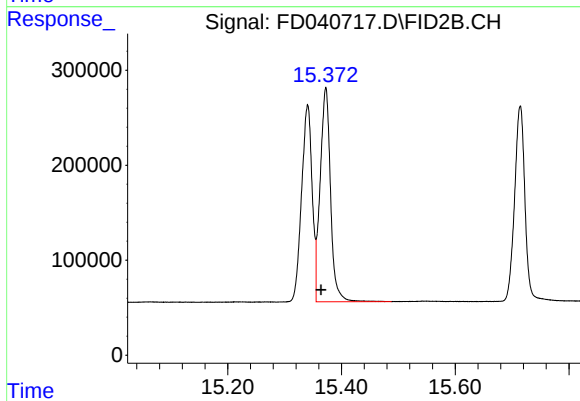
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.838 min
Delta R.T.: 0.016 min
Response: 2823314
Conc: 21.28 ug/ml



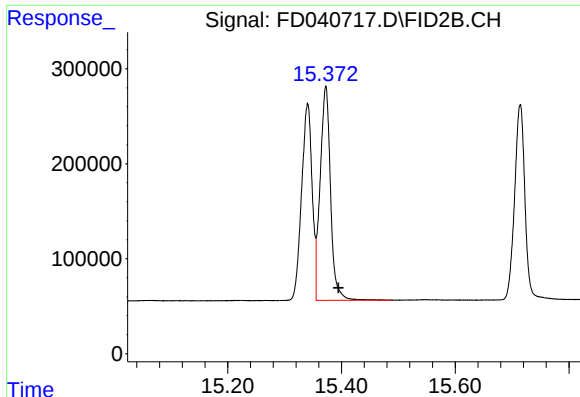
#15 Chrysene (C27.41)

R.T.: 13.838 min
Delta R.T.: -0.025 min
Response: 2823314
Conc: 19.31 ug/ml



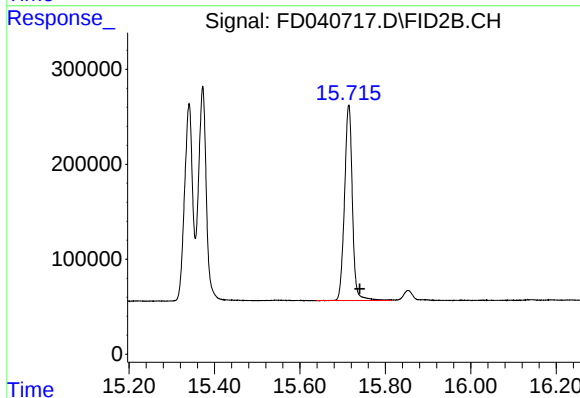
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.372 min
Delta R.T.: 0.008 min
Response: 2861159
Conc: 20.94 ug/ml



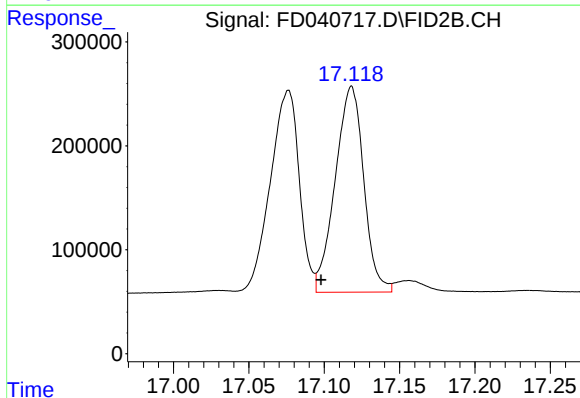
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.372 min
Delta R.T.: -0.022 min
Response: 2861159
Conc: 20.67 ug/ml



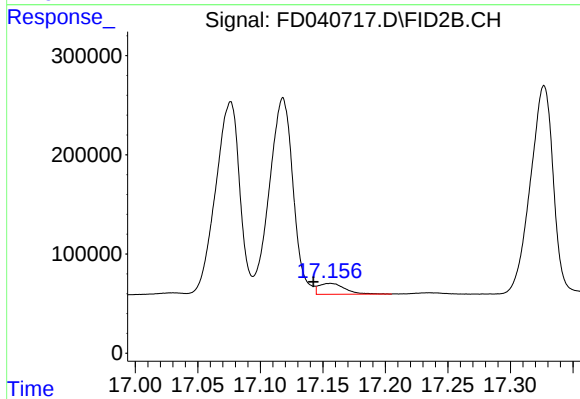
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.714 min
Delta R.T.: -0.026 min
Response: 2634220
Conc: 20.21 ug/ml



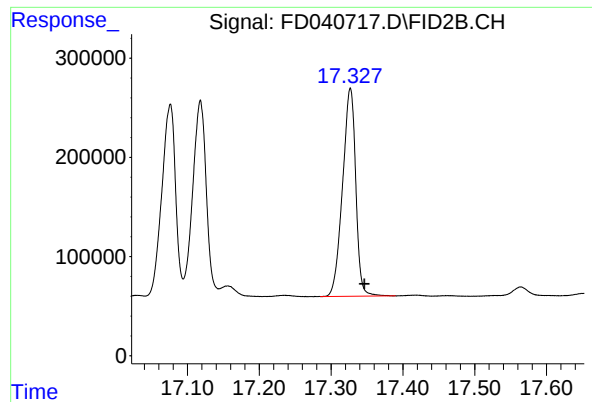
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.118 min
Delta R.T.: 0.020 min
Response: 2610828
Conc: 21.43 ug/ml



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

R.T.: 17.156 min
Delta R.T.: 0.013 min
Response: 157593
Conc: 1.30 ug/ml



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

R.T.: 17.327 min
Delta R.T.: -0.020 min
Response: 2684806
Conc: 20.91 ug/ml