

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100623AR\
 Data File : FD046673.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2023 13:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 07 02:38:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

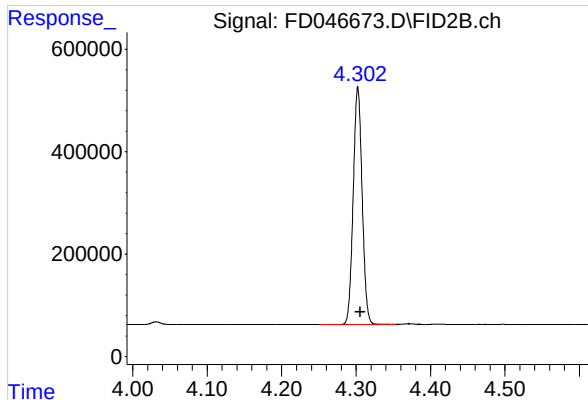
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.487	3709758	21.051 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
6) S 2-Fluorobiphenyl (SURR)	8.341	2430758	20.980 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.96%
11) S ortho-Terphenyl (SURR)	11.379	4306043	21.136 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.302	3871425	20.961 ug/ml
2) T Naphthalene (C11.7)	5.828	4054182	20.981 ug/ml
3) T 2-Methylnaphthalene (...)	6.876	4080418	21.056 ug/ml
5) T Acenaphthylene (C15.06)	8.145	3702194	20.996 ug/ml
7) T Acenaphthene (C15.5)	8.440	3963941	21.097 ug/ml
8) T Fluorene (C16.55)	9.219	3815699	21.152 ug/ml
9) T Phenanthrene (C19.36)	10.608	3660871	20.821 ug/ml
10) T Anthracene (C19.43)	10.681	3258071	21.212 ug/ml
12) T Fluoranthene (C21.85)	12.410	3616212	21.217 ug/ml
13) T Pyrene (C20.8)	12.704	3467552	21.137 ug/ml
14) T Benzo[a]anthracene (C...	14.567	2928332	20.972 ug/ml
15) T Chrysene (C27.41)	14.609	3166724	20.861 ug/ml
16) T benzo[b]fluoranthene ...	16.109	2895724	21.111 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2999681	21.655 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2775417	20.746 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2613438	20.849 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	2871276	21.577 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2761311	20.939 ug/ml

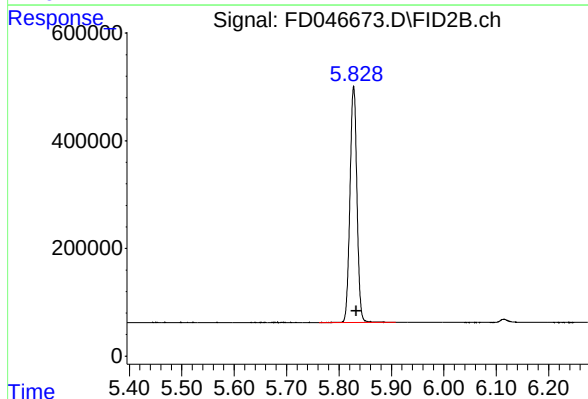
(f)=RT Delta > 1/2 Window

(m)=manual int.



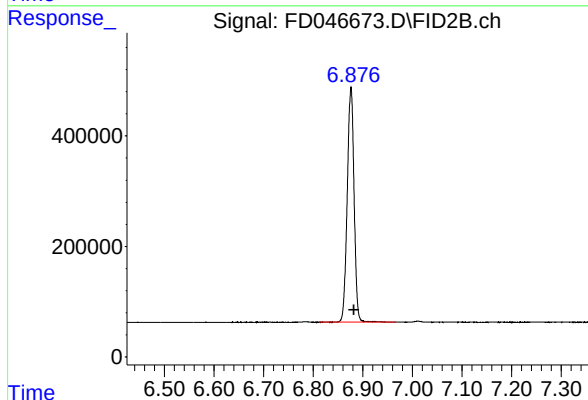
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.302 min
Delta R.T.: -0.004 min
Response: 3871425
Conc: 20.96 ug/ml



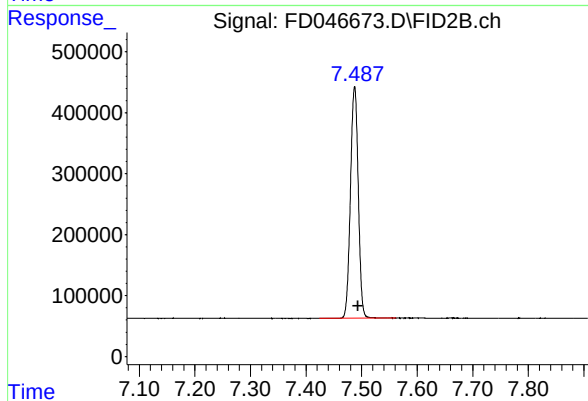
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 4054182
Conc: 20.98 ug/ml



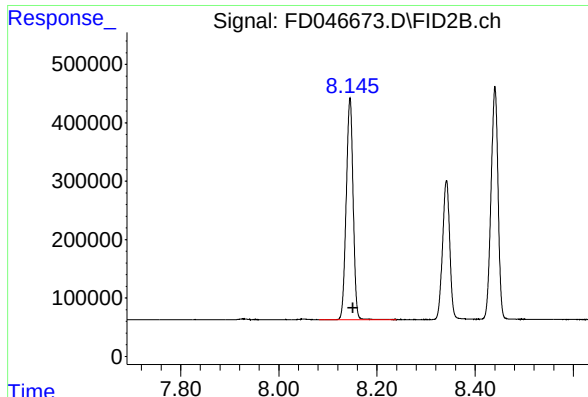
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.876 min
Delta R.T.: -0.006 min
Response: 4080418
Conc: 21.06 ug/ml



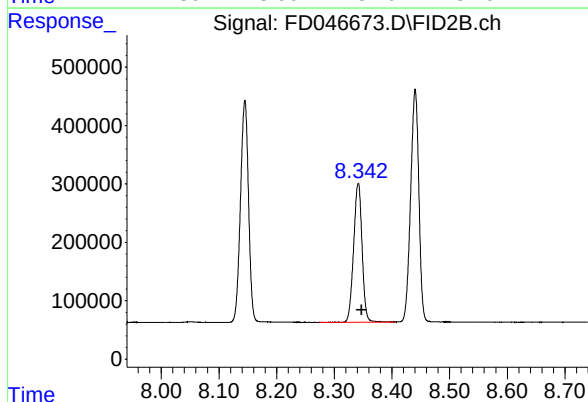
#4 2-Bromonaphthalene (SURR)

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 3709758
Conc: 21.05 ug/ml



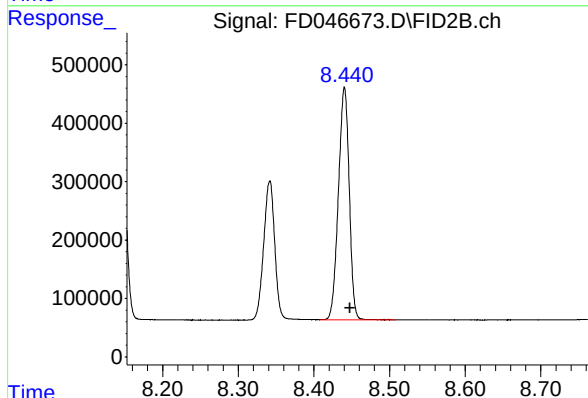
#5 Acenaphthylene (C15.06)

R.T.: 8.145 min
Delta R.T.: -0.006 min
Response: 3702194
Conc: 21.00 ug/ml



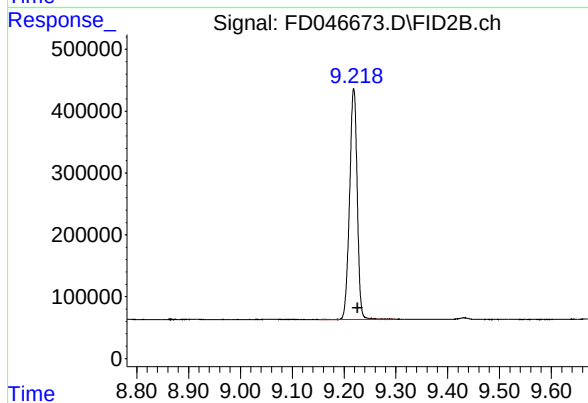
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.341 min
Delta R.T.: -0.006 min
Response: 2430758
Conc: 20.98 ug/ml



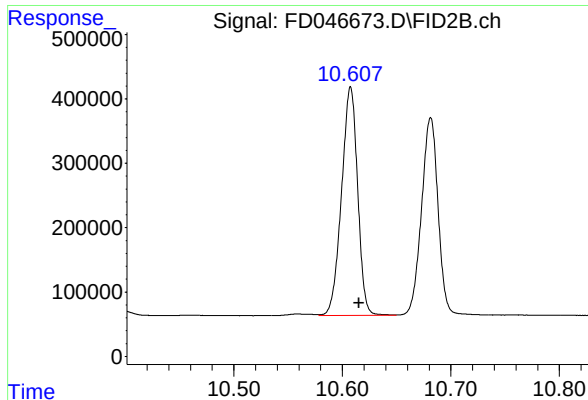
#7 Acenaphthene (C15.5)

R.T.: 8.440 min
Delta R.T.: -0.008 min
Response: 3963941
Conc: 21.10 ug/ml



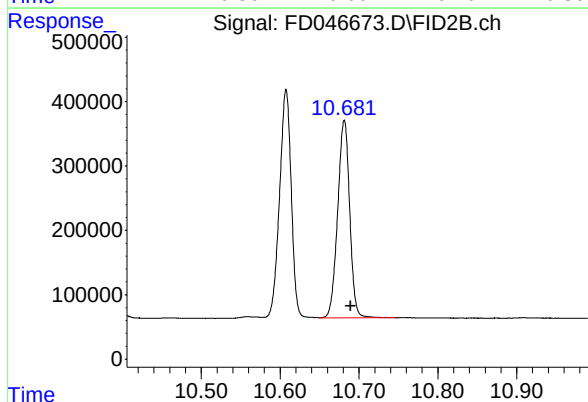
#8 Fluorene (C16.55)

R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3815699
Conc: 21.15 ug/ml



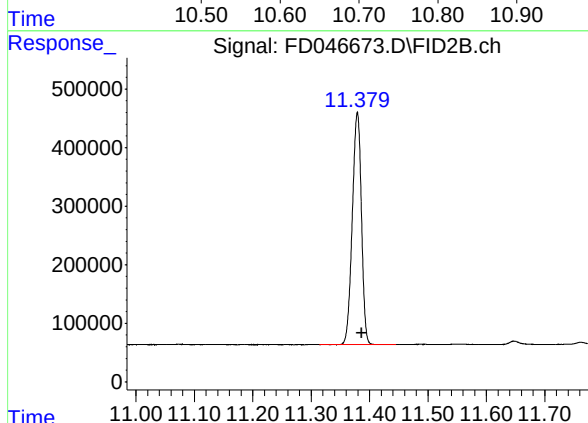
#9 Phenanthrene (C19.36)

R.T.: 10.608 min
Delta R.T.: -0.008 min
Response: 3660871
Conc: 20.82 ug/ml



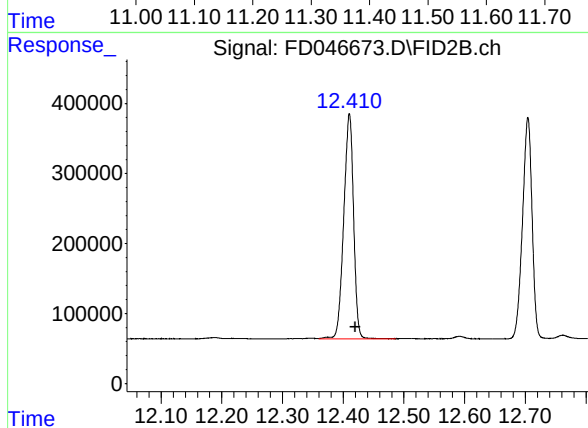
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3258071
Conc: 21.21 ug/ml



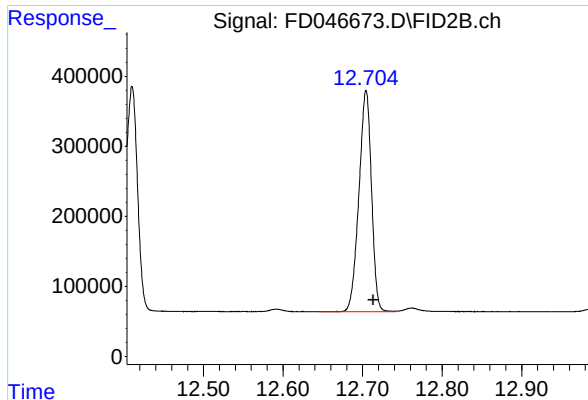
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 4306043
Conc: 21.14 ug/ml



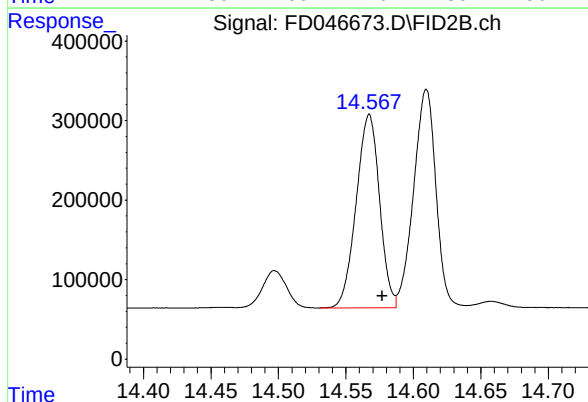
#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3616212
Conc: 21.22 ug/ml



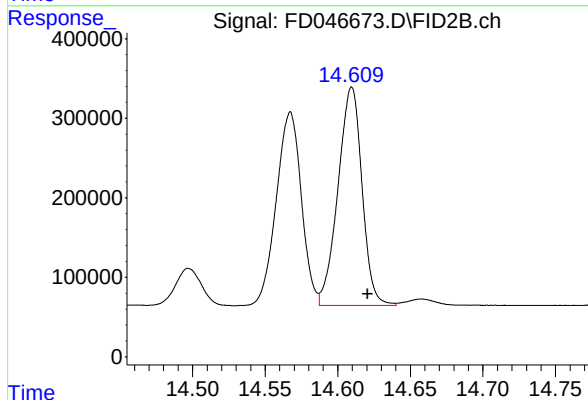
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.009 min
Response: 3467552
Conc: 21.14 ug/ml



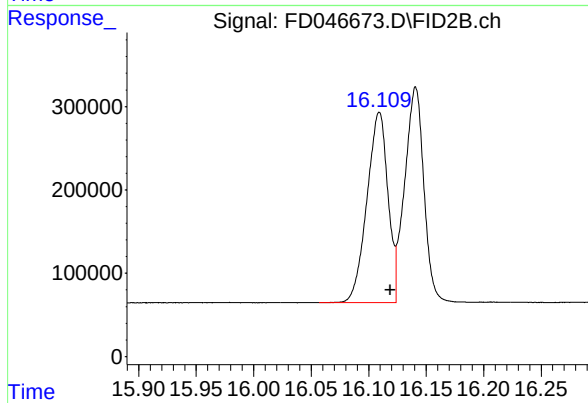
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.567 min
Delta R.T.: -0.010 min
Response: 2928332
Conc: 20.97 ug/ml



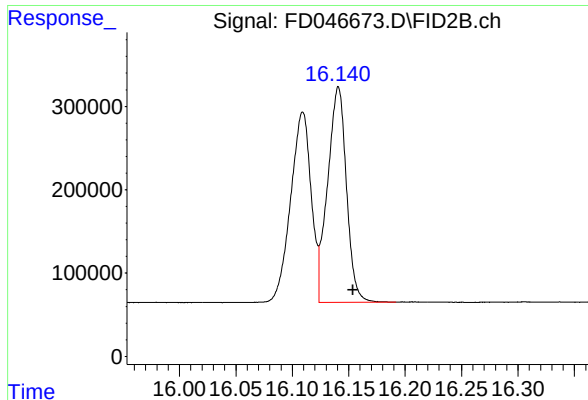
#15 Chrysene (C27.41)

R.T.: 14.609 min
Delta R.T.: -0.011 min
Response: 3166724
Conc: 20.86 ug/ml



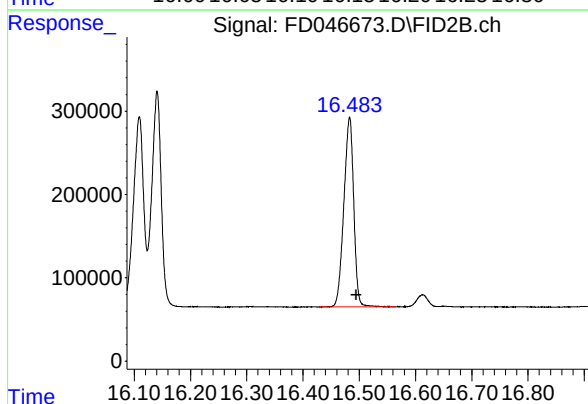
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 2895724
Conc: 21.11 ug/ml



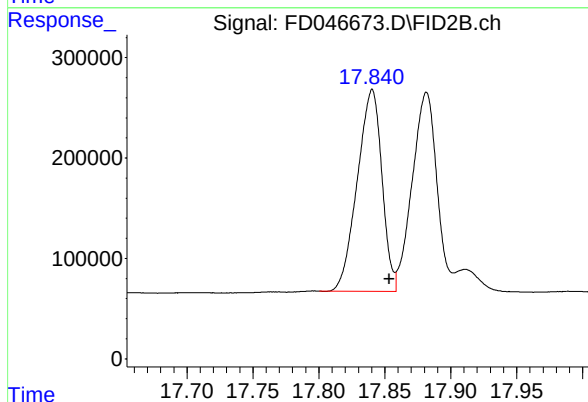
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.141 min
Delta R.T.: -0.013 min
Response: 2999681
Conc: 21.65 ug/ml



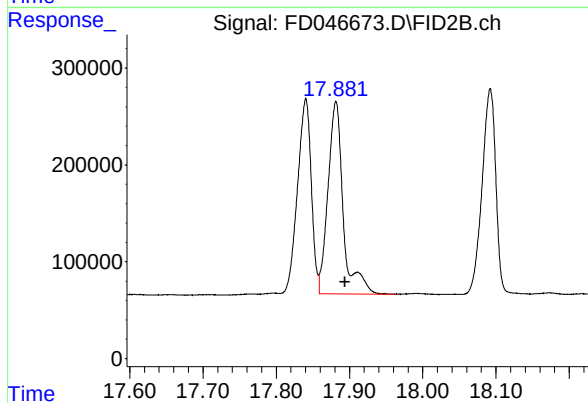
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2775417
Conc: 20.75 ug/ml



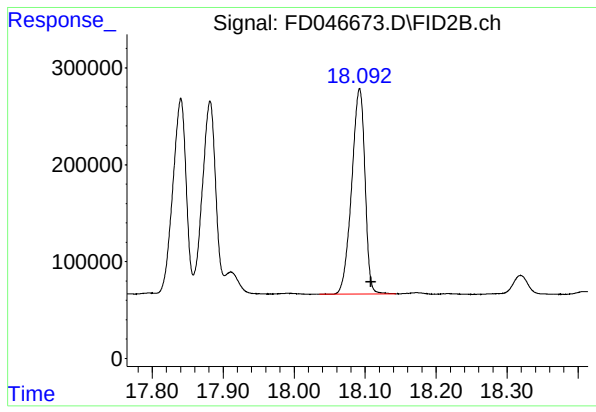
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2613438
Conc: 20.85 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 2871276
Conc: 21.58 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.016 min
Response: 2761311
Conc: 20.94 ug/ml