

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091020AR\
 Data File : FD034724.D
 Signal(s) : FID2B.CH
 Acq On : 10 Sep 2020 17:00
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 11 03:18:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

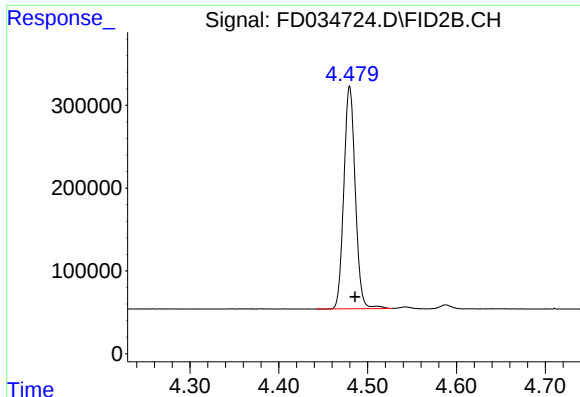
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.686	2143393	20.897 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
6) S 2-Fluorobiphenyl (SURR)	8.551	1482870	20.609 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.22%
11) S ortho-Terphenyl (SURR)	11.591	2435135	20.327 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.480	2404115	21.235 ug/ml
2) T Naphthalene (C11.7)	6.024	2449876	20.989 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2502230	21.186 ug/ml
5) T Acenaphthylene (C15.06)	8.354	2375351	20.325 ug/ml
7) T Acenaphthene (C15.5)	8.650	2449092	20.584 ug/ml
8) T Flouorene (C16.55)	9.431	2361801	20.484 ug/ml
9) T Phenanthrene (C19.36)	10.828	2381738	20.427 ug/ml
10) T Anthracene (C19.43)	10.902	2165983	19.013 ug/ml
12) T Fluoranthene (C21.85)	12.640	2346172	20.119 ug/ml
13) T Pyrene (C20.8)	12.937	2274722	20.044 ug/ml
14) T Benzo[a]anthracene (C...	14.809	2206735	19.995 ug/ml
15) T Chrysene (C27.41)	14.850	2246379	20.112 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2160349	20.169 ug/ml
17) T Bnezo[k]fluoranthene ...	16.391	2160349	20.374 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.739	2161401	20.525 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.141	2208432	21.800 ug/ml
20) T Dibenz[a,h]anthracene...	18.141	2208432	21.736 ug/ml
21) T Benzo[g,h,i]perylene ...	18.359	2165642	21.448 ug/ml

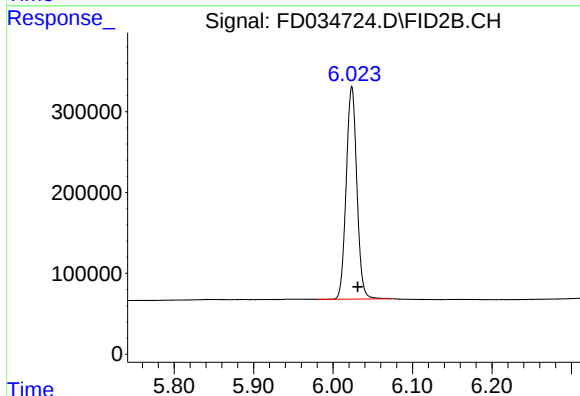
(f)=RT Delta > 1/2 Window

(m)=manual int.



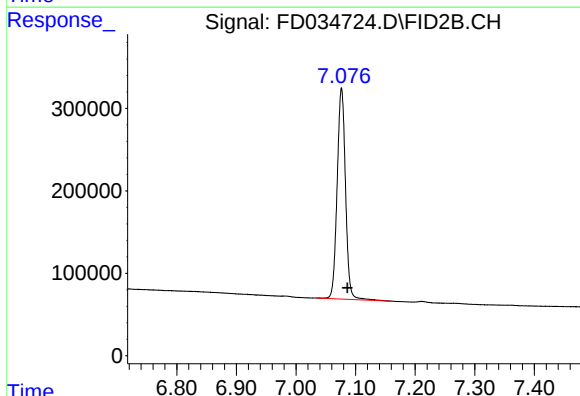
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.480 min
Delta R.T.: -0.006 min
Response: 2404115
Conc: 21.23 ug/ml



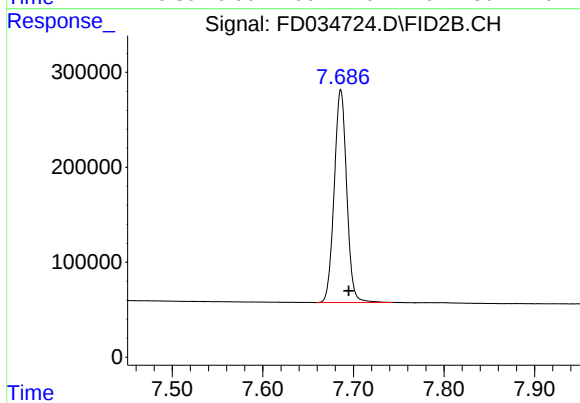
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 2449876
Conc: 20.99 ug/ml



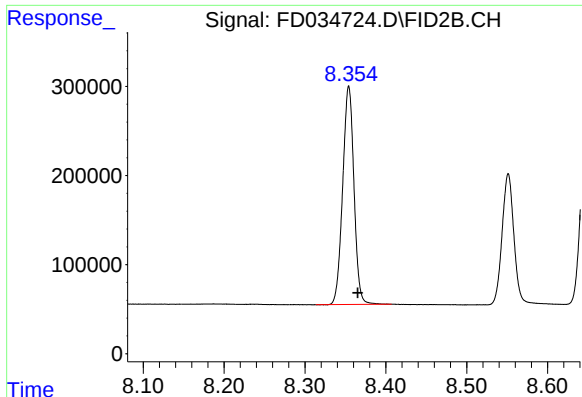
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.010 min
Response: 2502230
Conc: 21.19 ug/ml



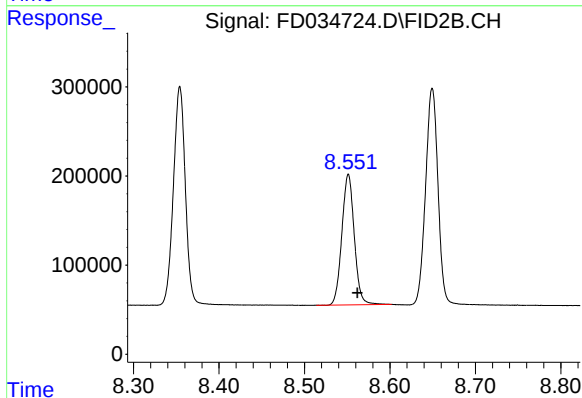
#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.009 min
Response: 2143393
Conc: 20.90 ug/ml



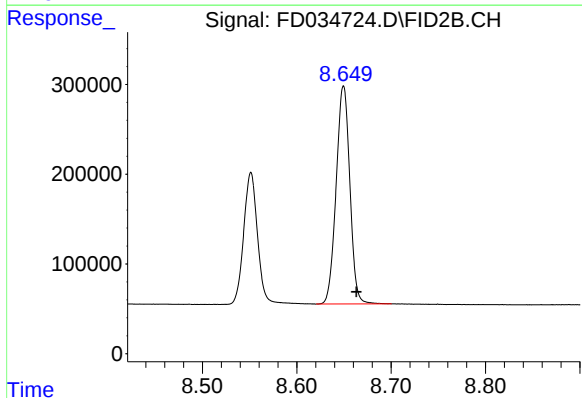
#5 Acenaphthylene (C15.06)

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 2375351
Conc: 20.32 ug/ml



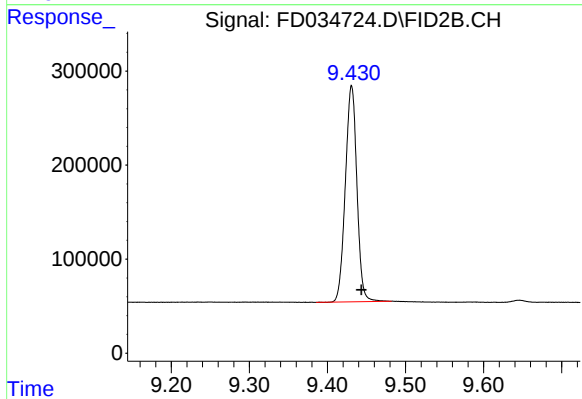
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.010 min
Response: 1482870
Conc: 20.61 ug/ml



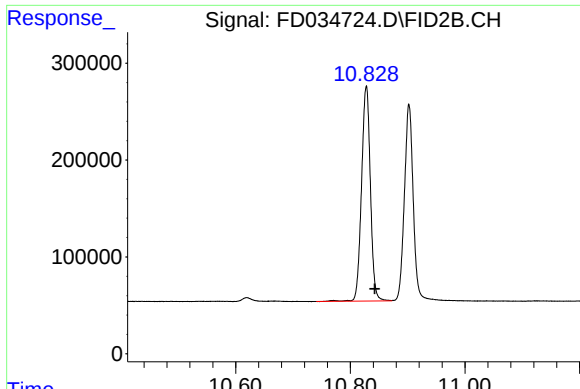
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 2449092
Conc: 20.58 ug/ml



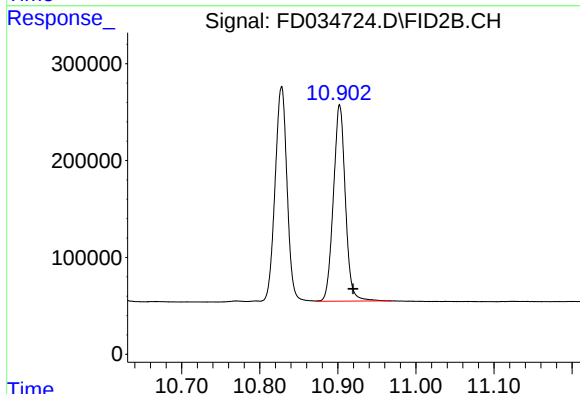
#8 Flouorene (C16.55)

R.T.: 9.431 min
Delta R.T.: -0.013 min
Response: 2361801
Conc: 20.48 ug/ml



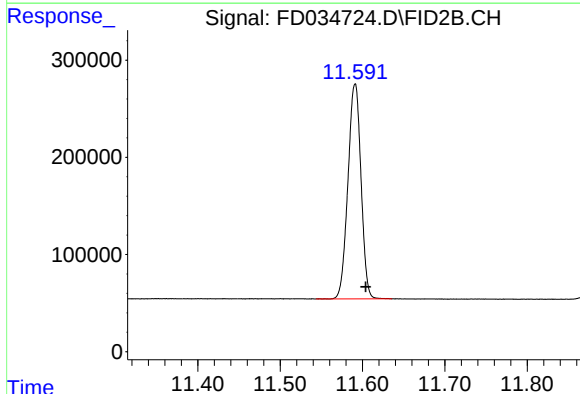
#9 Phenanthrene (C19.36)

R.T.: 10.828 min
Delta R.T.: -0.015 min
Response: 2381738
Conc: 20.43 ug/ml



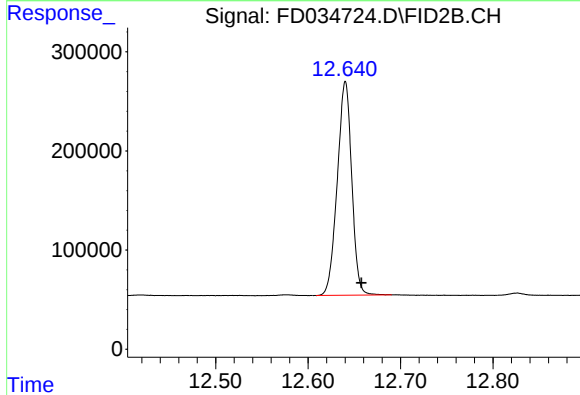
#10 Anthracene (C19.43)

R.T.: 10.902 min
Delta R.T.: -0.017 min
Response: 2165983
Conc: 19.01 ug/ml



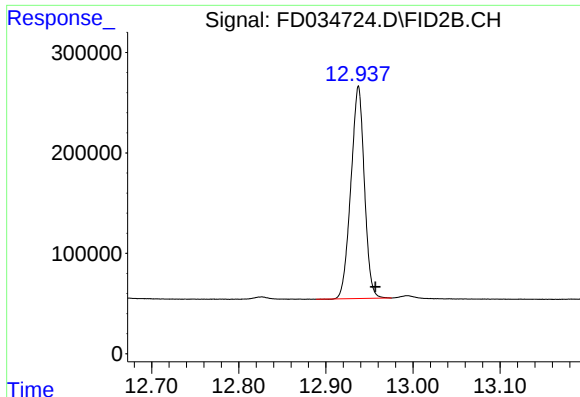
#11 ortho-Terphenyl (SURR)

R.T.: 11.591 min
Delta R.T.: -0.013 min
Response: 2435135
Conc: 20.33 ug/ml



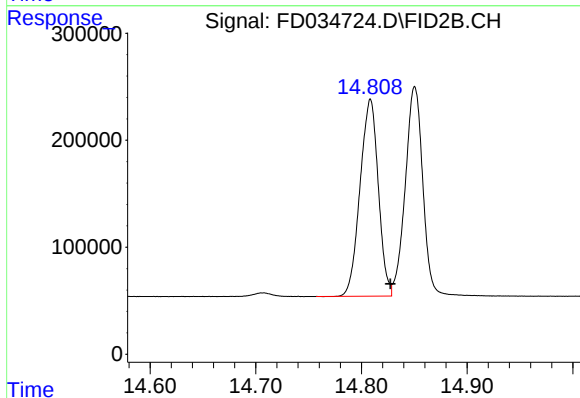
#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: -0.018 min
Response: 2346172
Conc: 20.12 ug/ml



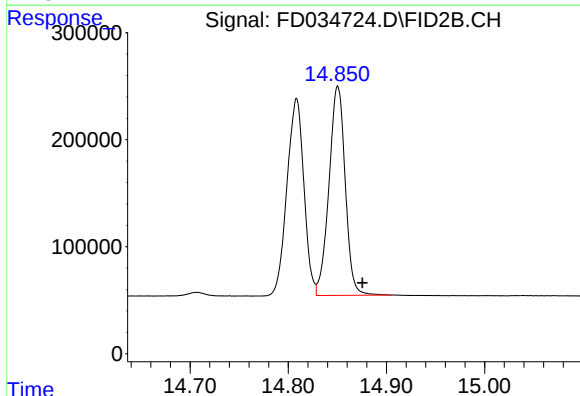
#13 Pyrene (C20.8)

R.T.: 12.937 min
Delta R.T.: -0.019 min
Response: 2274722
Conc: 20.04 ug/ml



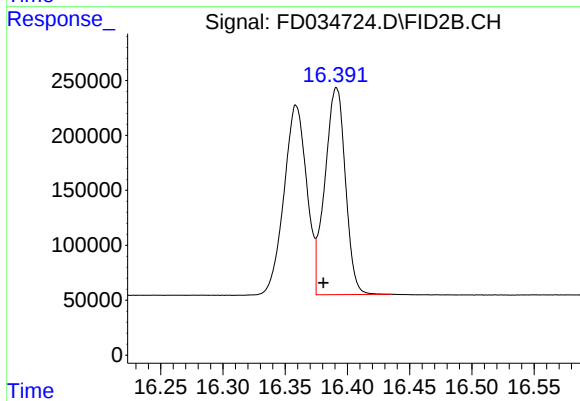
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.809 min
Delta R.T.: -0.019 min
Response: 2206735
Conc: 20.00 ug/ml



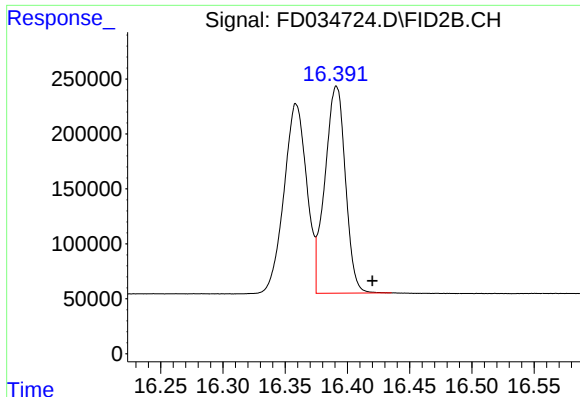
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.025 min
Response: 2246379
Conc: 20.11 ug/ml



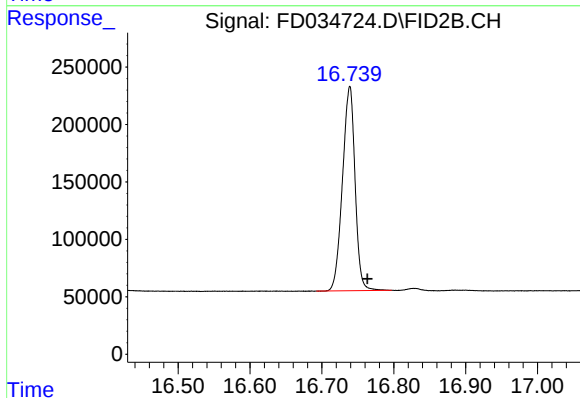
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.391 min
Delta R.T.: 0.011 min
Response: 2160349
Conc: 20.17 ug/ml



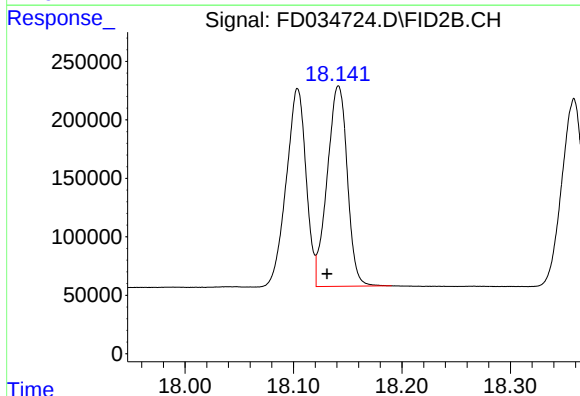
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.391 min
Delta R.T.: -0.029 min
Response: 2160349
Conc: 20.37 ug/ml



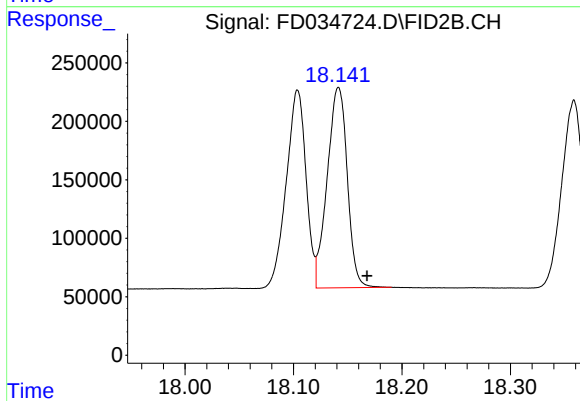
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 2161401
Conc: 20.52 ug/ml



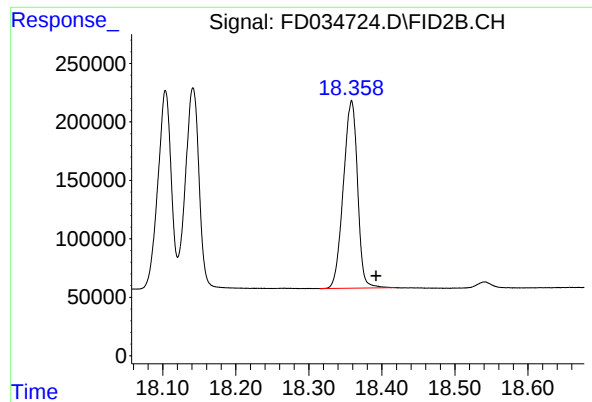
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.141 min
Delta R.T.: 0.011 min
Response: 2208432
Conc: 21.80 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.026 min
Response: 2208432
Conc: 21.74 ug/ml



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

R.T.: 18.359 min
Delta R.T.: -0.033 min
Response: 2165642
Conc: 21.45 ug/ml