

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051019AR\
 Data File : FD029149.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2019 14:31
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 00:45:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

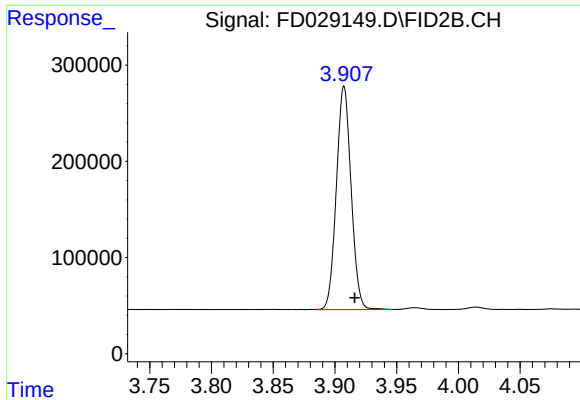
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.080	1709554	17.139 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
6) S 2-Fluorobiphenyl (SURR)	7.946	1202696	17.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.10%
11) S ortho-Terphenyl (SURR)	10.982	1915491	17.978 ug/ml
Spiked Amount 50.000		Recovery =	35.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.907	1929206	20.406 ug/mlm
2) T Naphthalene (C11.7)	5.428	2013468	18.841 ug/ml
3) T 2-Methylnaphthalene (...)	6.474	1952629	17.841 ug/ml
5) T Acenaphthylene (C15.06)	7.749	1888799	17.643 ug/ml
7) T Acenaphthene (C15.5)	8.044	1975405	17.575 ug/ml
8) T Flouorene (C16.55)	8.824	1982725	17.716 ug/ml
9) T Phenanthrene (C19.36)	10.221	2111212	19.666 ug/ml
10) T Anthracene (C19.43)	10.295	2012616	18.920 ug/ml
12) T Fluoranthene (C21.85)	12.032	2284152	22.732 ug/mlm
13) T Pyrene (C20.8)	12.331	2323278	22.890 ug/ml
14) T Benzo[a]anthracene (C...	14.197	2298051	22.659 ug/ml
15) T Chrysene (C27.41)	14.240	2321306	22.771 ug/ml
16) T benzo[b]fluoranthene ...	15.745	2411625	22.477 ug/ml
17) T Bnezo[k]fluoranthene ...	15.778	2360968	22.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.123	2355777	22.055 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.485	2348302	21.742 ug/ml
20) T Dibenz[a,h]anthracene...	17.523	2254202	21.263 ug/ml
21) T Benzo[g,h,i]perylene ...	17.742	2366632	22.107 ug/ml

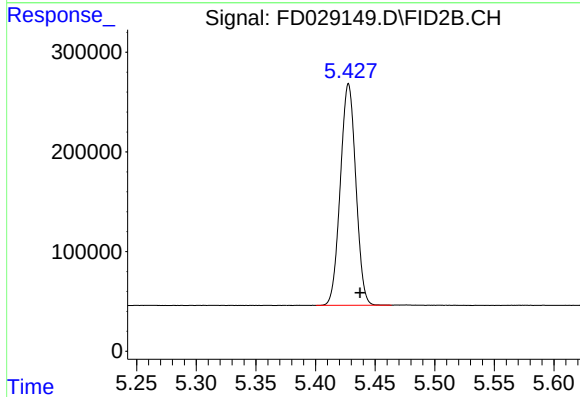
(f)=RT Delta > 1/2 Window

(m)=manual int.



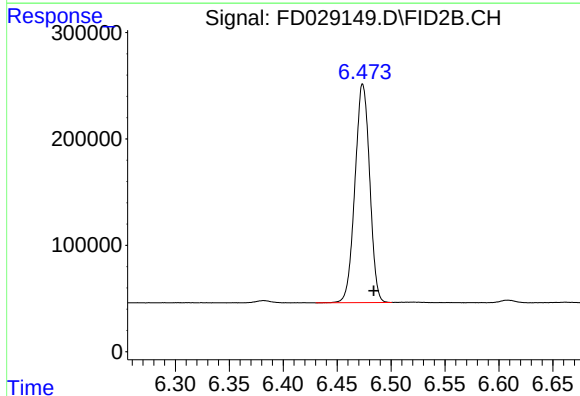
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.907 min
Delta R.T.: -0.009 min
Response: 1929206
Conc: 20.41 ug/ml m



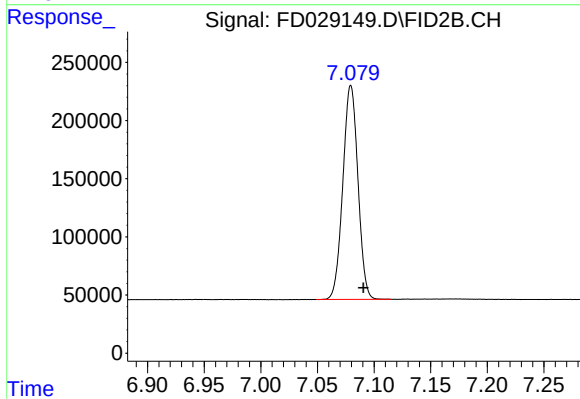
#2 Naphthalene (C11.7)

R.T.: 5.428 min
Delta R.T.: -0.010 min
Response: 2013468
Conc: 18.84 ug/ml



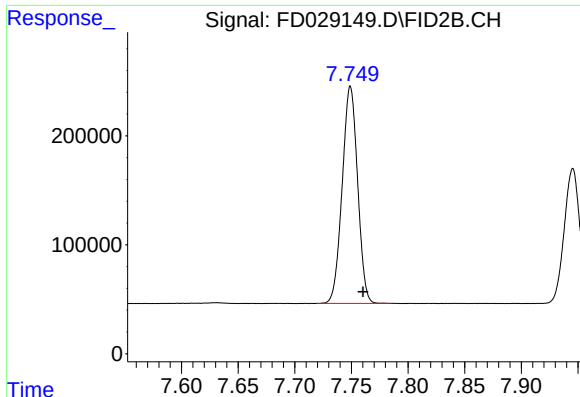
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.474 min
Delta R.T.: -0.010 min
Response: 1952629
Conc: 17.84 ug/ml



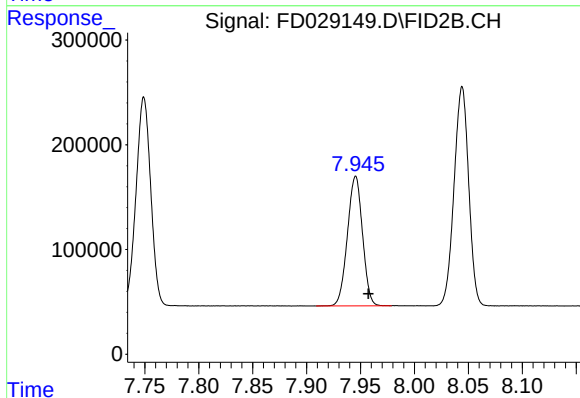
#4 2-Bromonaphthalene (SURR)

R.T.: 7.080 min
Delta R.T.: -0.011 min
Response: 1709554
Conc: 17.14 ug/ml



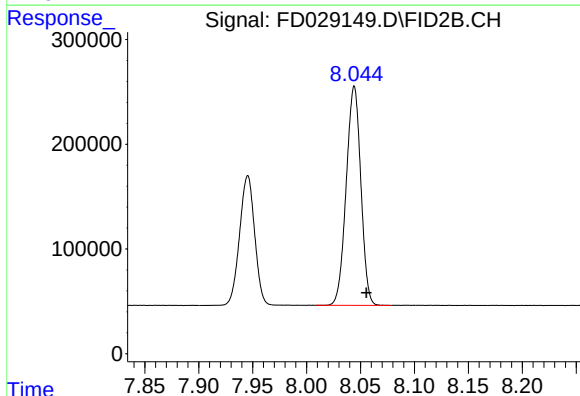
#5 Acenaphthylene (C15.06)

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 1888799
Conc: 17.64 ug/ml



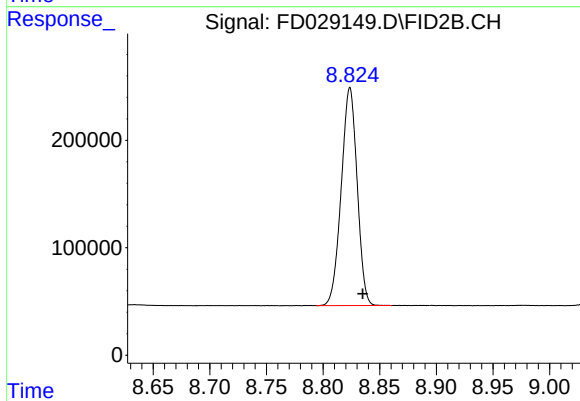
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.946 min
Delta R.T.: -0.012 min
Response: 1202696
Conc: 17.55 ug/ml



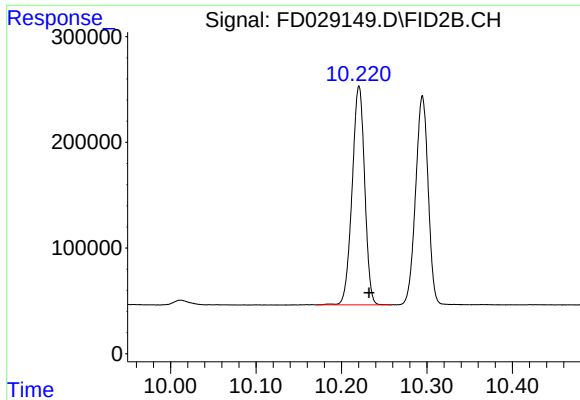
#7 Acenaphthene (C15.5)

R.T.: 8.044 min
Delta R.T.: -0.011 min
Response: 1975405
Conc: 17.58 ug/ml



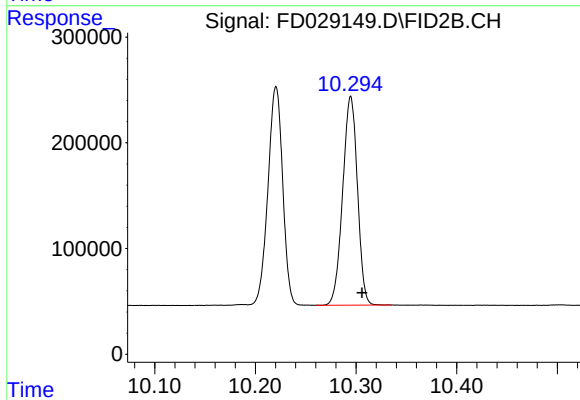
#8 Flouorene (C16.55)

R.T.: 8.824 min
Delta R.T.: -0.011 min
Response: 1982725
Conc: 17.72 ug/ml



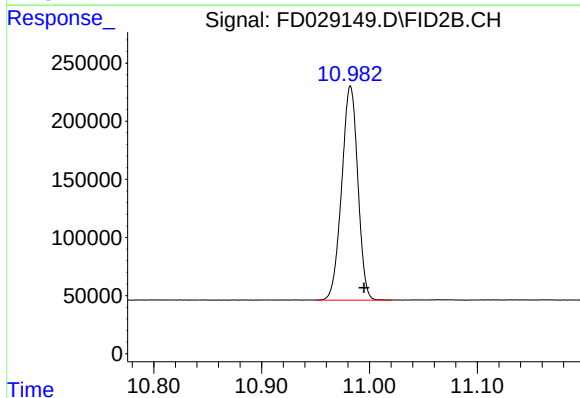
#9 Phenanthrene (C19.36)

R.T.: 10.221 min
Delta R.T.: -0.012 min
Response: 2111212
Conc: 19.67 ug/ml



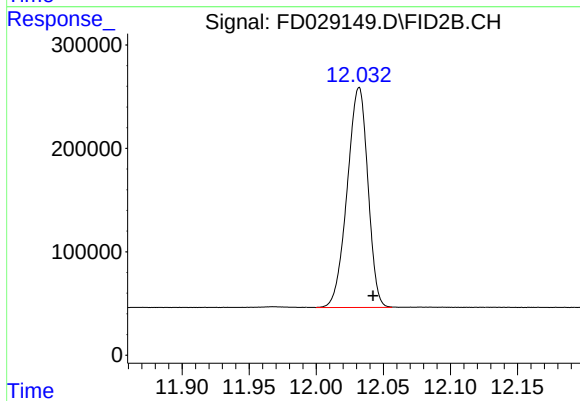
#10 Anthracene (C19.43)

R.T.: 10.295 min
Delta R.T.: -0.011 min
Response: 2012616
Conc: 18.92 ug/ml



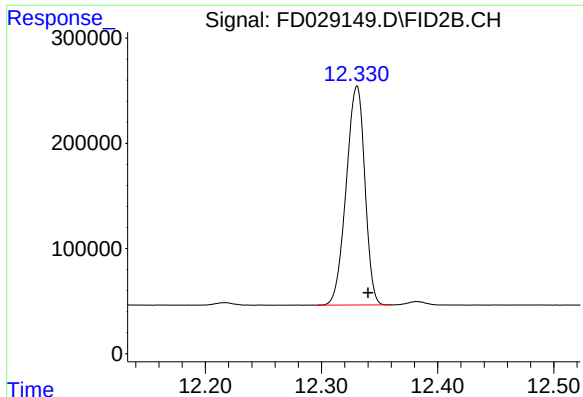
#11 ortho-Terphenyl (SURR)

R.T.: 10.982 min
Delta R.T.: -0.012 min
Response: 1915491
Conc: 17.98 ug/ml



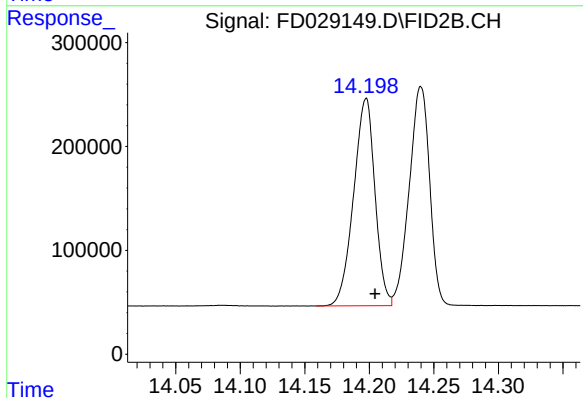
#12 Fluoranthene (C21.85)

R.T.: 12.032 min
Delta R.T.: -0.010 min
Response: 2284152
Conc: 22.73 ug/ml m



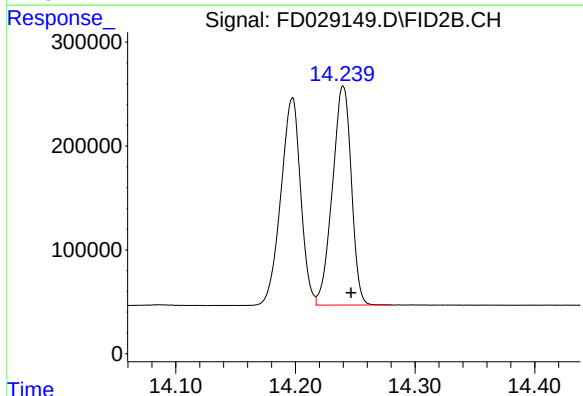
#13 Pyrene (C20.8)

R.T.: 12.331 min
Delta R.T.: -0.009 min
Response: 2323278
Conc: 22.89 ug/ml



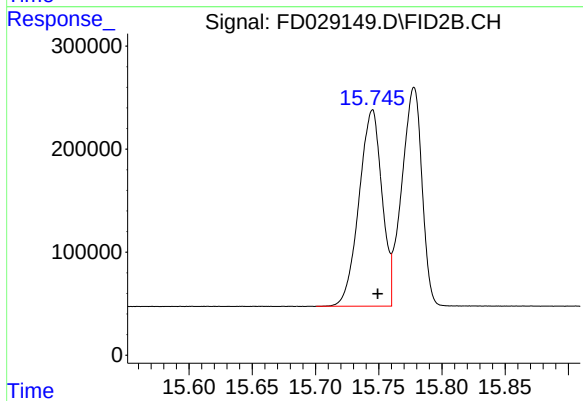
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.197 min
Delta R.T.: -0.007 min
Response: 2298051
Conc: 22.66 ug/ml



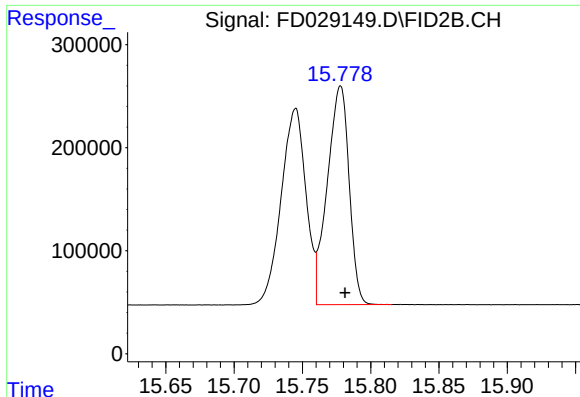
#15 Chrysene (C27.41)

R.T.: 14.240 min
Delta R.T.: -0.007 min
Response: 2321306
Conc: 22.77 ug/ml



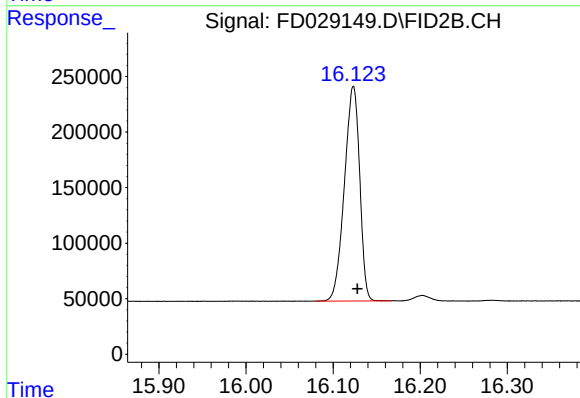
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.745 min
Delta R.T.: -0.004 min
Response: 2411625
Conc: 22.48 ug/ml



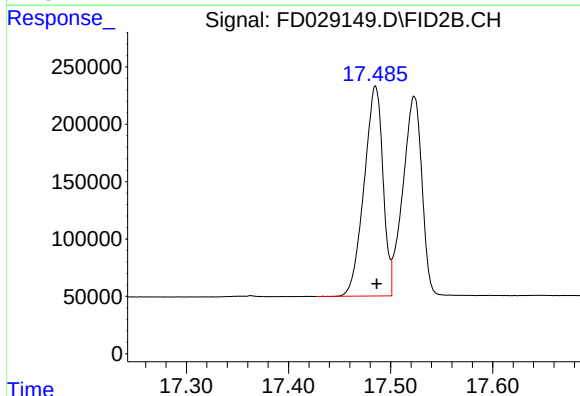
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.778 min
Delta R.T.: -0.003 min
Response: 2360968
Conc: 22.24 ug/ml



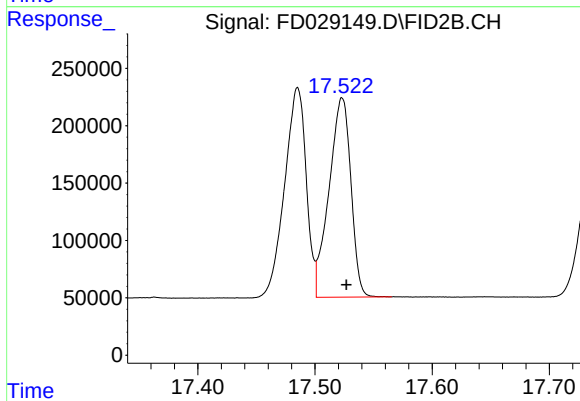
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.123 min
Delta R.T.: -0.005 min
Response: 2355777
Conc: 22.06 ug/ml



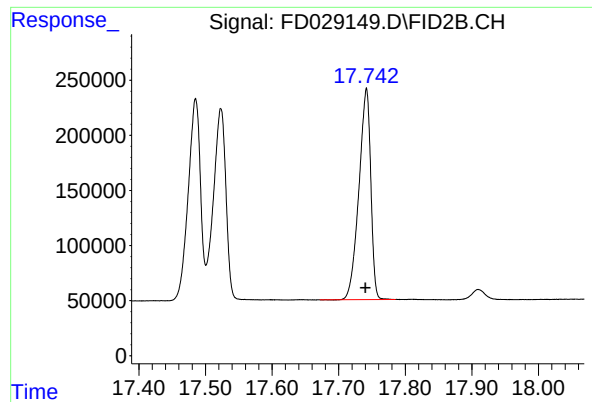
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.485 min
Delta R.T.: -0.001 min
Response: 2348302
Conc: 21.74 ug/ml



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

R.T.: 17.523 min
Delta R.T.: -0.004 min
Response: 2254202
Conc: 21.26 ug/ml



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

R.T.: 17.742 min
Delta R.T.: 0.002 min
Response: 2366632
Conc: 22.11 ug/ml