

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031419AR\
 Data File : FD028329.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2019 6:36
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 15 07:02:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

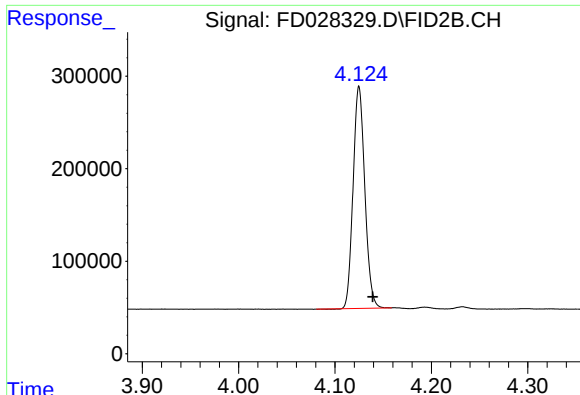
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.312	1857819	17.602 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
6) S 2-Fluorobiphenyl (SURR)	8.160	1233071	17.493 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.99%
11) S ortho-Terphenyl (SURR)	11.196	2188847	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.125	2024486	19.129 ug/ml
2) T Naphthalene (C11.7)	5.650	2113751	18.008 ug/ml
3) T 2-Methylnaphthalene (...)	6.698	2090616	17.673 ug/ml
5) T Acenaphthylene (C15.06)	7.963	2064270	17.902 ug/ml
7) T Acenaphthene (C15.5)	8.258	2166776	17.836 ug/ml
8) T Fluorene (C16.55)	9.036	2094301	17.406 ug/ml
9) T Phenanthrene (C19.36)	10.422	2132033	19.081 ug/ml
10) T Anthracene (C19.43)	10.496	2054929	18.562 ug/ml
12) T Fluoranthene (C21.85)	12.222	2233835	20.587 ug/ml
13) T Pyrene (C20.8)	12.514	2237514	21.322 ug/ml
14) T Benzo[a]anthracene (C...	14.380	2222333	21.959 ug/ml
15) T Chrysene (C27.41)	14.422	2307469	22.379 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2313733	21.953 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2410587	22.385 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	2322368	21.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.657	2060220	20.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.699	2075836	20.602 ug/ml
21) T Benzo[g,h,i]perylene ...	17.907	2198162	20.343 ug/ml

(f)=RT Delta > 1/2 Window

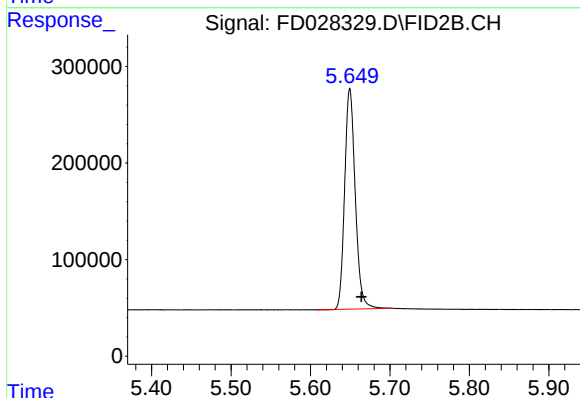
(m)=manual int.



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

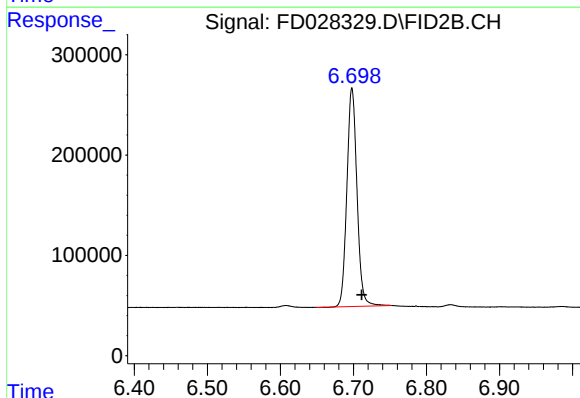
R.T.: 4.125 min
Delta R.T.: -0.014 min
Response: 2024486
Conc: 19.13 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



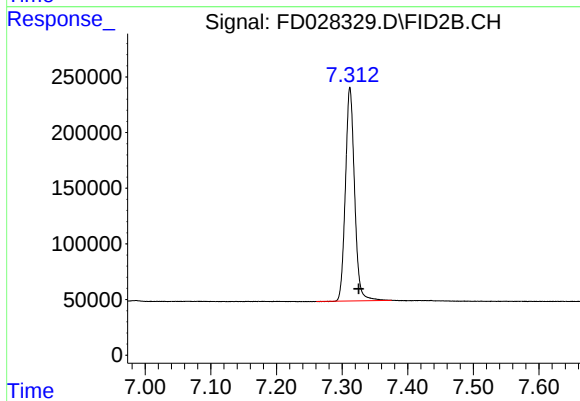
#2 Naphthalene (C11.7)

R.T.: 5.650 min
Delta R.T.: -0.015 min
Response: 2113751
Conc: 18.01 ug/ml



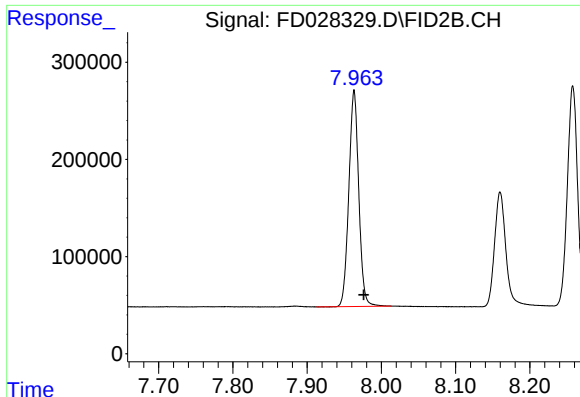
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.698 min
Delta R.T.: -0.013 min
Response: 2090616
Conc: 17.67 ug/ml



#4 2-Bromonaphthalene (SURR)

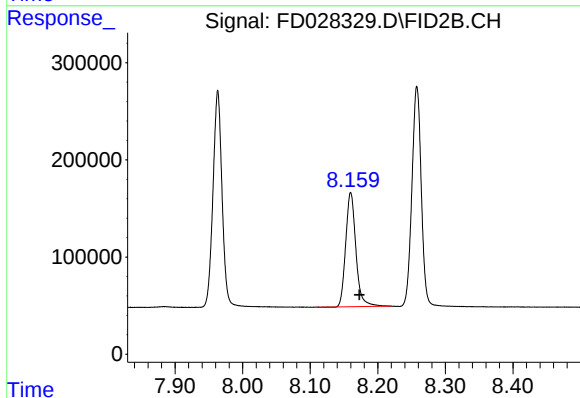
R.T.: 7.312 min
Delta R.T.: -0.013 min
Response: 1857819
Conc: 17.60 ug/ml



#5 Acenaphthylene (C15.06)

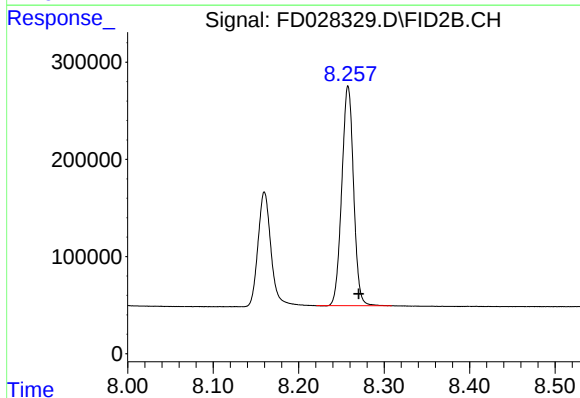
R.T.: 7.963 min
Delta R.T.: -0.013 min
Response: 2064270
Conc: 17.90 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



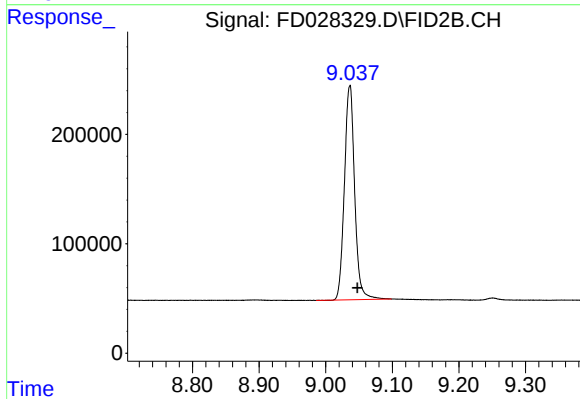
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.160 min
Delta R.T.: -0.013 min
Response: 1233071
Conc: 17.49 ug/ml



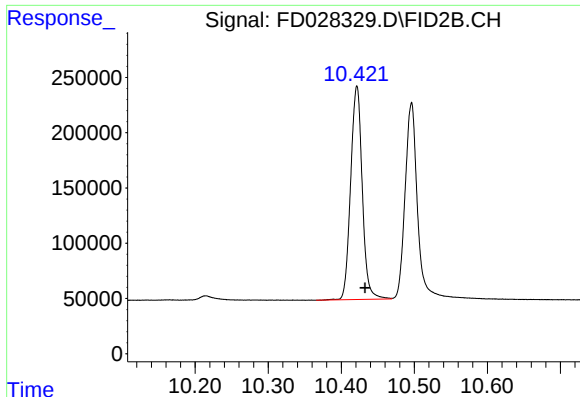
#7 Acenaphthene (C15.5)

R.T.: 8.258 min
Delta R.T.: -0.012 min
Response: 2166776
Conc: 17.84 ug/ml



#8 Flouorene (C16.55)

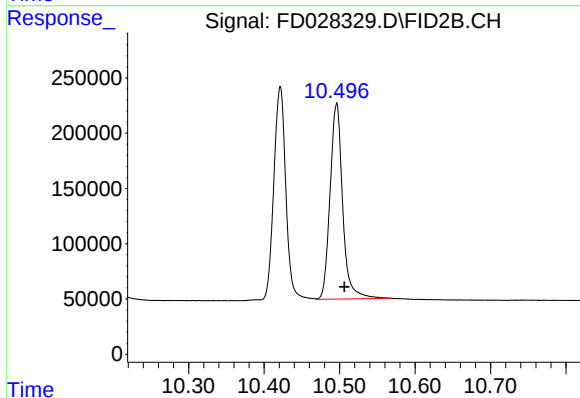
R.T.: 9.036 min
Delta R.T.: -0.011 min
Response: 2094301
Conc: 17.41 ug/ml



#9 Phenanthrene (C19.36)

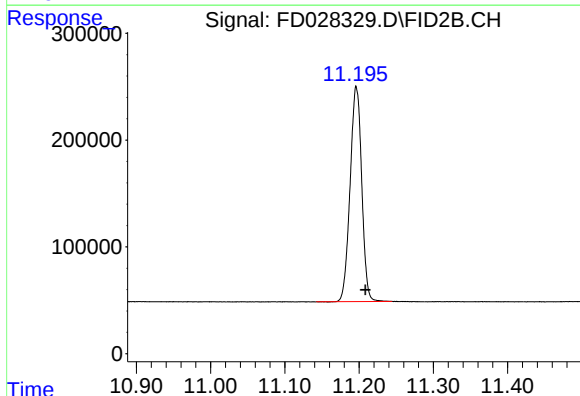
R.T.: 10.422 min
Delta R.T.: -0.011 min
Response: 2132033
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



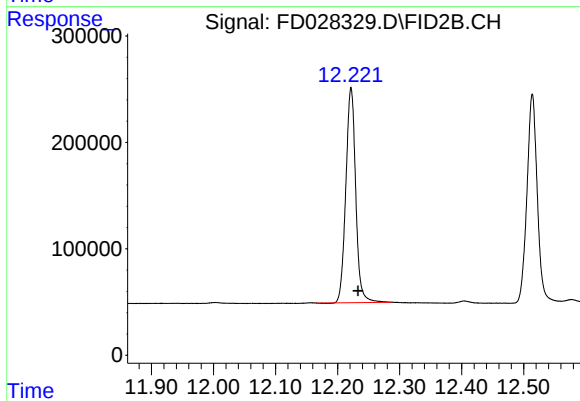
#10 Anthracene (C19.43)

R.T.: 10.496 min
Delta R.T.: -0.010 min
Response: 2054929
Conc: 18.56 ug/ml



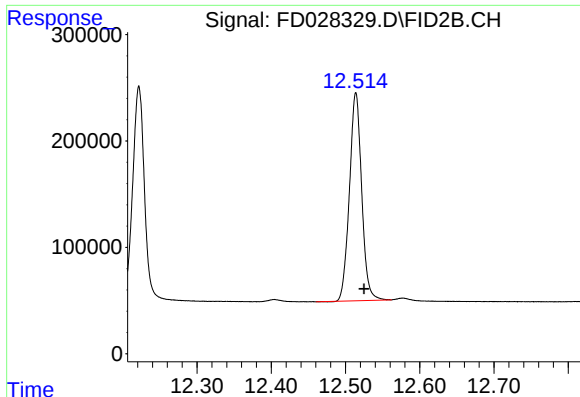
#11 ortho-Terphenyl (SURR)

R.T.: 11.196 min
Delta R.T.: -0.012 min
Response: 2188847
Conc: 19.09 ug/ml



#12 Fluoranthene (C21.85)

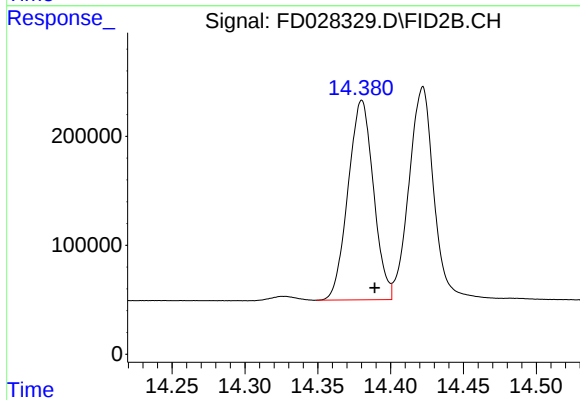
R.T.: 12.222 min
Delta R.T.: -0.011 min
Response: 2233835
Conc: 20.59 ug/ml



#13 Pyrene (C20.8)

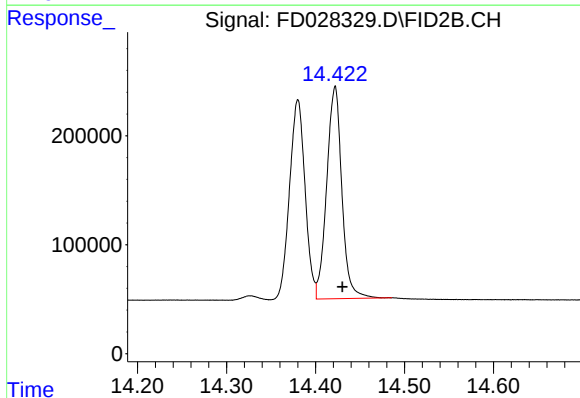
R.T.: 12.514 min
Delta R.T.: -0.011 min
Response: 2237514
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



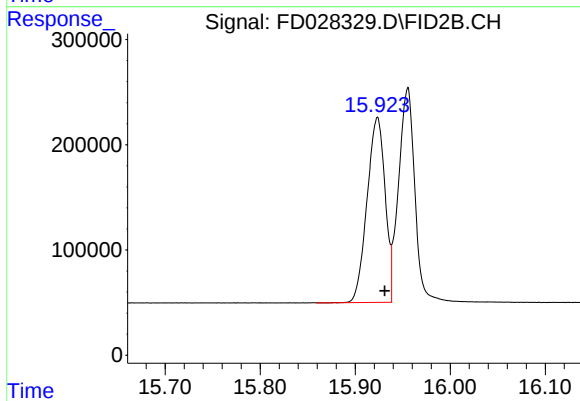
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.380 min
Delta R.T.: -0.009 min
Response: 2222333
Conc: 21.96 ug/ml



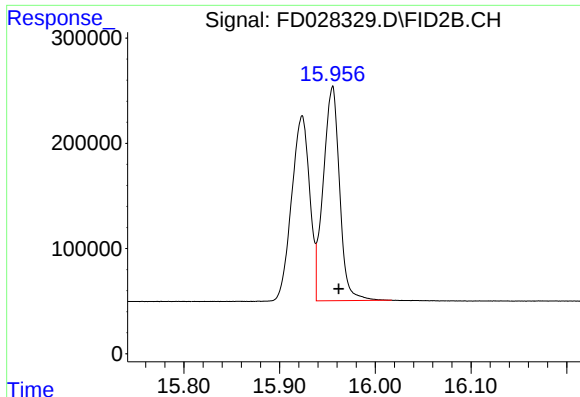
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.008 min
Response: 2307469
Conc: 22.38 ug/ml



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

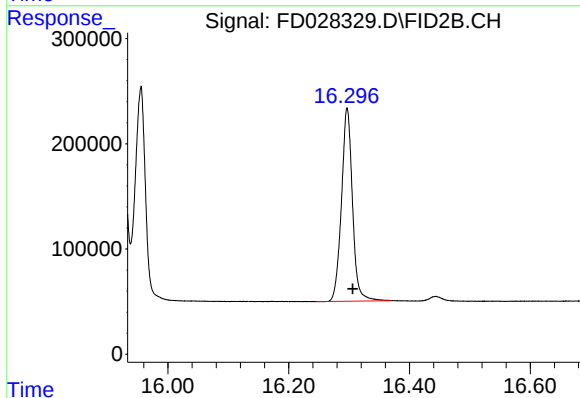
R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 2313733
Conc: 21.95 ug/ml



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

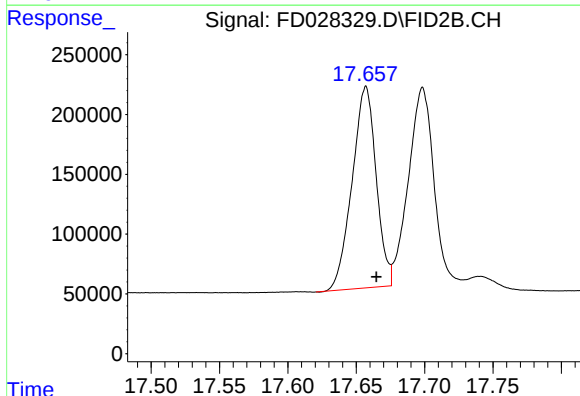
R.T.: 15.955 min
Delta R.T.: -0.006 min
Response: 2410587
Conc: 22.38 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



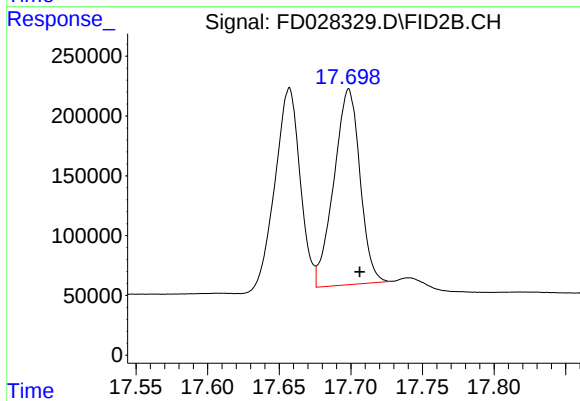
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.009 min
Response: 2322368
Conc: 21.70 ug/ml



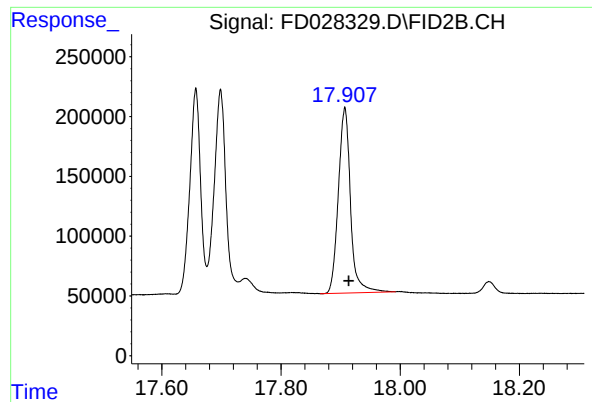
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.657 min
Delta R.T.: -0.008 min
Response: 2060220
Conc: 20.13 ug/ml



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

R.T.: 17.699 min
Delta R.T.: -0.008 min
Response: 2075836
Conc: 20.60 ug/ml



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

R.T.: 17.907 min
Delta R.T.: -0.006 min
Response: 2198162
Conc: 20.34 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD