

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031319AR\
 Data File : FD028306.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2019 16:44
 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 14 17:12:17 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

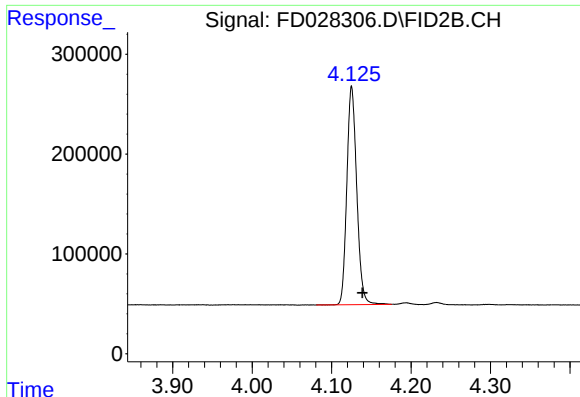
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.311	1744426	16.527 ug/ml
Spiked Amount 50.000		Recovery =	33.05%
6) S 2-Fluorobiphenyl (SURR)	8.158	1186143	16.827 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.65%
11) S ortho-Terphenyl (SURR)	11.195	2115887	18.455 ug/ml
Spiked Amount 50.000		Recovery =	36.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.125	1892635	17.883 ug/ml
2) T Naphthalene (C11.7)	5.650	1985642	16.917 ug/ml
3) T 2-Methylnaphthalene (...)	6.698	1969646	16.650 ug/ml
5) T Acenaphthylene (C15.06)	7.962	1971065	17.094 ug/ml
7) T Acenaphthene (C15.5)	8.256	2076457	17.092 ug/ml
8) T Fluorene (C16.55)	9.034	2022222	16.807 ug/ml
9) T Phenanthrene (C19.36)	10.419	2077662	18.594 ug/ml
10) T Anthracene (C19.43)	10.494	2018995	18.238 ug/ml
12) T Fluoranthene (C21.85)	12.221	2162846	19.933 ug/ml
13) T Pyrene (C20.8)	12.513	2171683	20.695 ug/ml
14) T Benzo[a]anthracene (C...	14.380	2147123	21.216 ug/ml
15) T Chrysene (C27.41)	14.422	2228010	21.608 ug/ml
16) T benzo[b]fluoranthene ...	15.923	2230836	21.167 ug/ml
17) T Bnezo[k]fluoranthene ...	15.955	2311756	21.467 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.297	2233578	20.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.656	2046549	19.998 ug/ml
20) T Dibenz[a,h]anthracene...	17.698	2066760	20.511 ug/ml
21) T Benzo[g,h,i]perylene ...	17.907	2155281	19.946 ug/ml

(f)=RT Delta > 1/2 Window

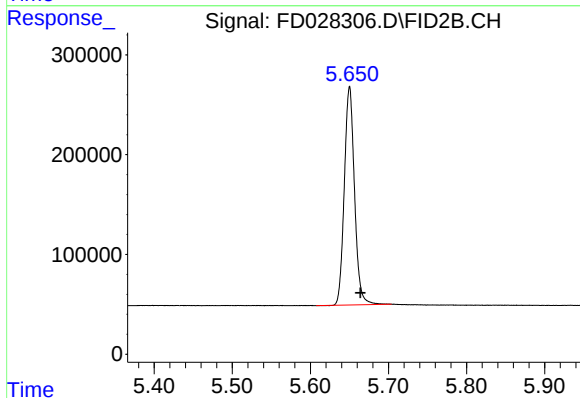
(m)=manual int.



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

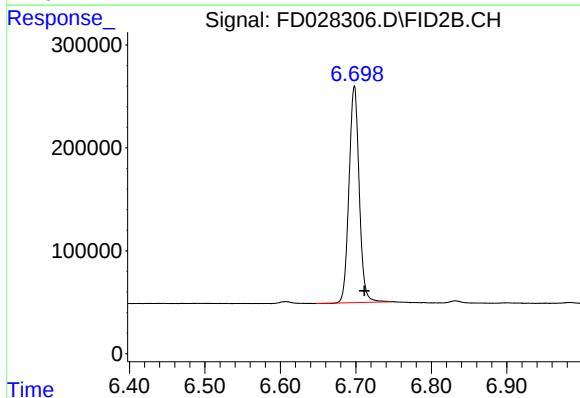
R.T.: 4.125 min
Delta R.T.: -0.014 min
Response: 1892635
Conc: 17.88 ug/ml

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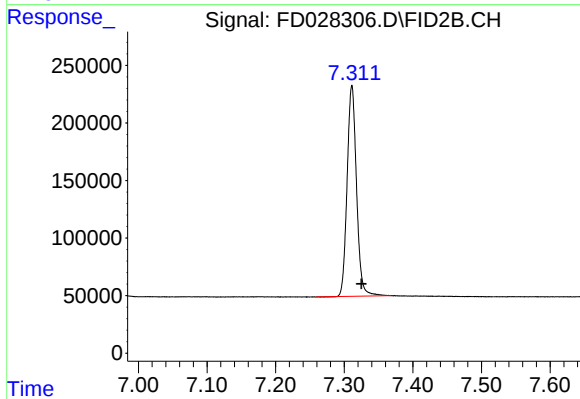
#2 Naphthalene (C11.7)

R.T.: 5.650 min
Delta R.T.: -0.014 min
Response: 1985642
Conc: 16.92 ug/ml



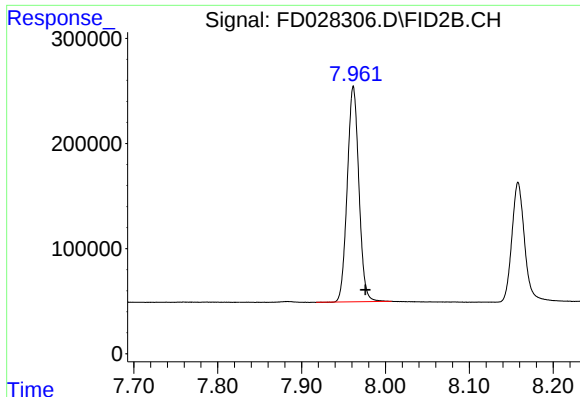
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.698 min
Delta R.T.: -0.013 min
Response: 1969646
Conc: 16.65 ug/ml



#4 2-Bromonaphthalene (SURR)

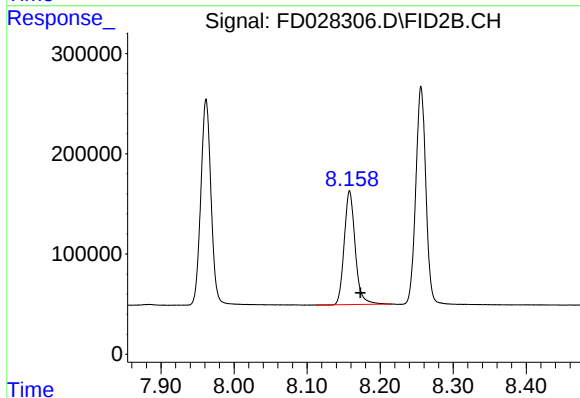
R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 1744426
Conc: 16.53 ug/ml



#5 Acenaphthylene (C15.06)

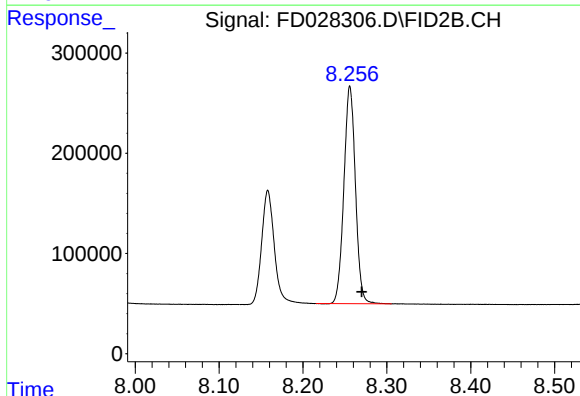
R.T.: 7.962 min
Delta R.T.: -0.014 min
Response: 1971065
Conc: 17.09 ug/ml

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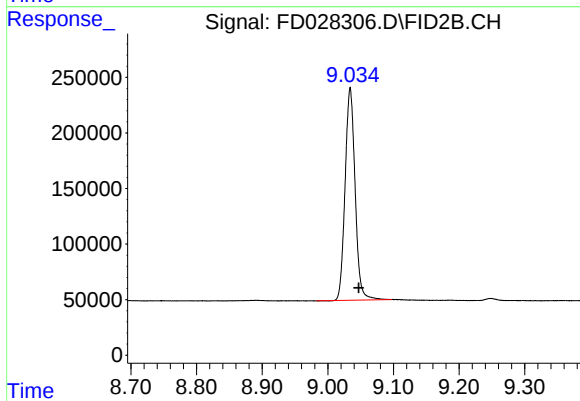
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.158 min
Delta R.T.: -0.015 min
Response: 1186143
Conc: 16.83 ug/ml



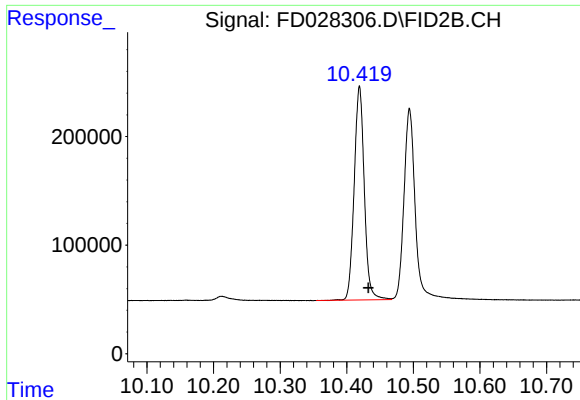
#7 Acenaphthene (C15.5)

R.T.: 8.256 min
Delta R.T.: -0.014 min
Response: 2076457
Conc: 17.09 ug/ml



#8 Flouorene (C16.55)

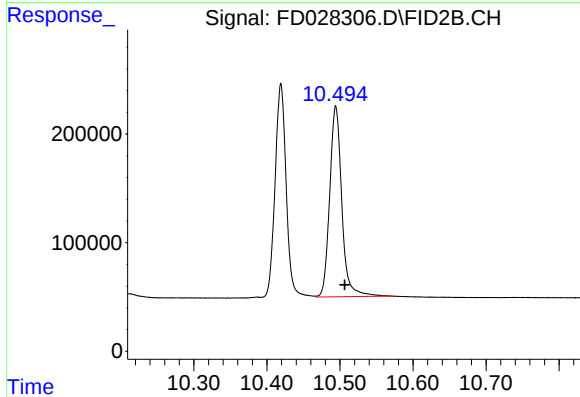
R.T.: 9.034 min
Delta R.T.: -0.013 min
Response: 2022222
Conc: 16.81 ug/ml



#9 Phenanthrene (C19.36)

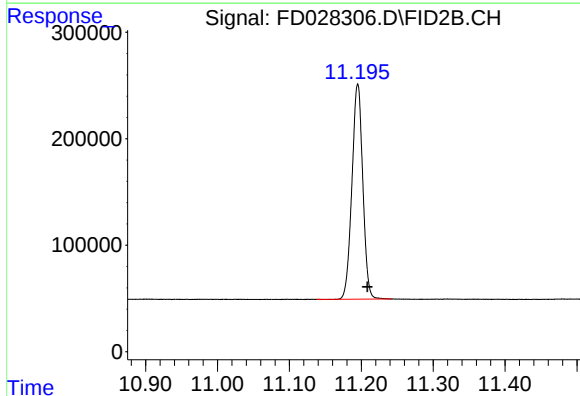
R.T.: 10.419 min
Delta R.T.: -0.013 min
Response: 2077662
Conc: 18.59 ug/ml

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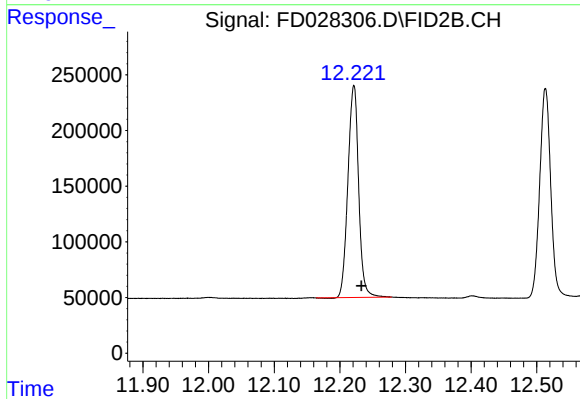
#10 Anthracene (C19.43)

R.T.: 10.494 min
Delta R.T.: -0.012 min
Response: 2018995
Conc: 18.24 ug/ml



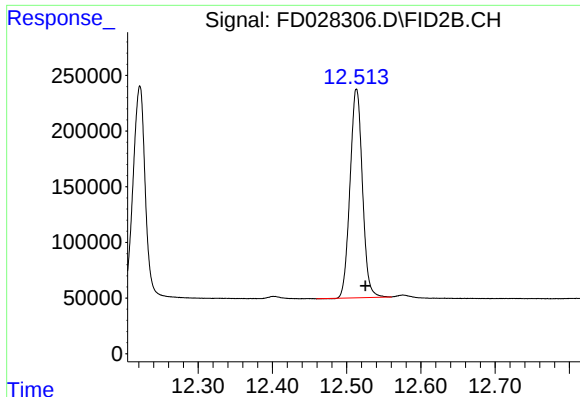
#11 ortho-Terphenyl (SURR)

R.T.: 11.195 min
Delta R.T.: -0.013 min
Response: 2115887
Conc: 18.46 ug/ml



#12 Fluoranthene (C21.85)

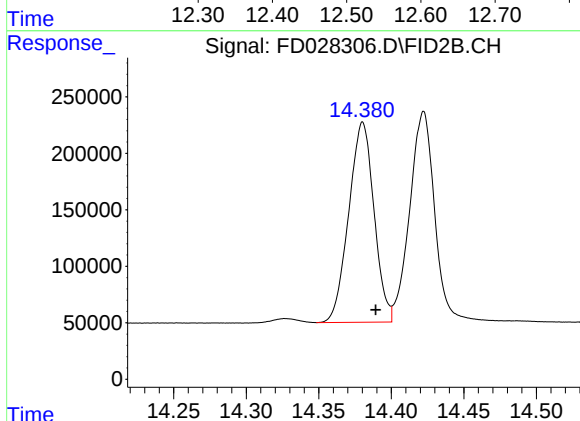
R.T.: 12.221 min
Delta R.T.: -0.012 min
Response: 2162846
Conc: 19.93 ug/ml



#13 Pyrene (C20.8)

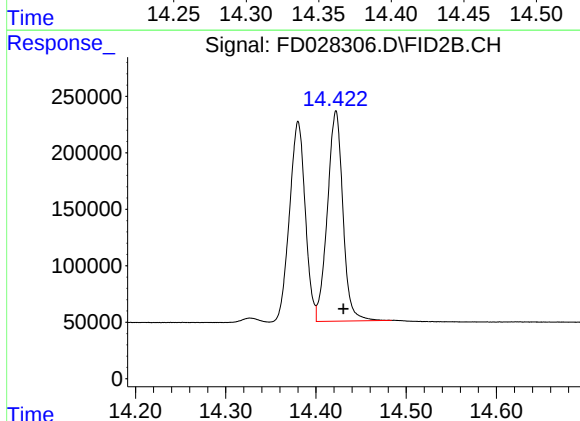
R.T.: 12.513 min
Delta R.T.: -0.012 min
Response: 2171683
Conc: 20.69 ug/ml

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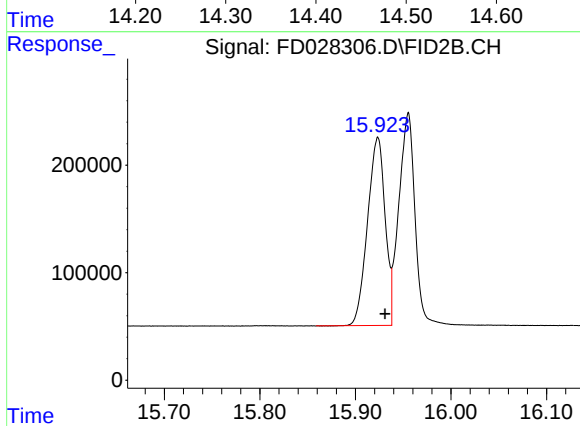
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.380 min
Delta R.T.: -0.009 min
Response: 2147123
Conc: 21.22 ug/ml



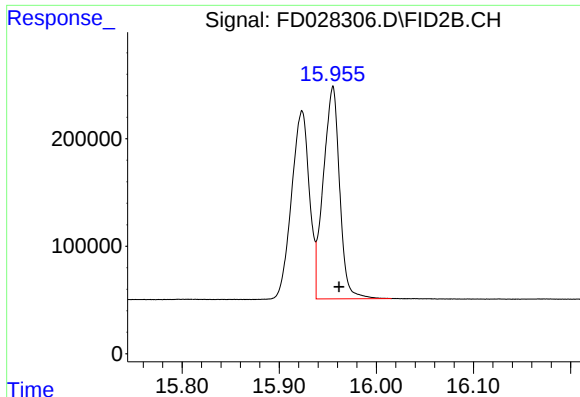
#15 Chrysene (C27.41)

R.T.: 14.422 min
Delta R.T.: -0.008 min
Response: 2228010
Conc: 21.61 ug/ml



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

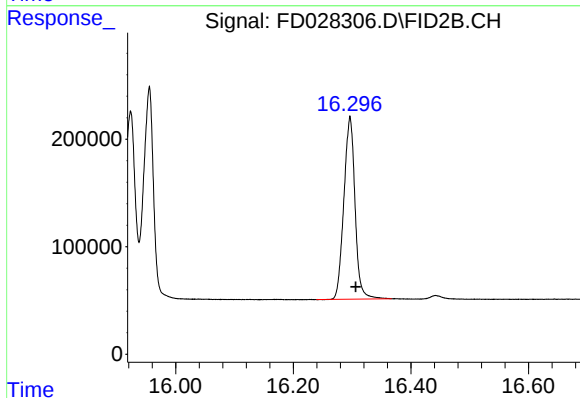
R.T.: 15.923 min
Delta R.T.: -0.008 min
Response: 2230836
Conc: 21.17 ug/ml



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

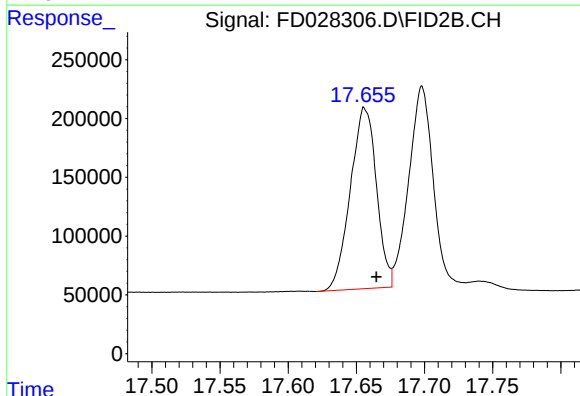
R.T.: 15.955 min
Delta R.T.: -0.006 min
Response: 2311756
Conc: 21.47 ug/ml

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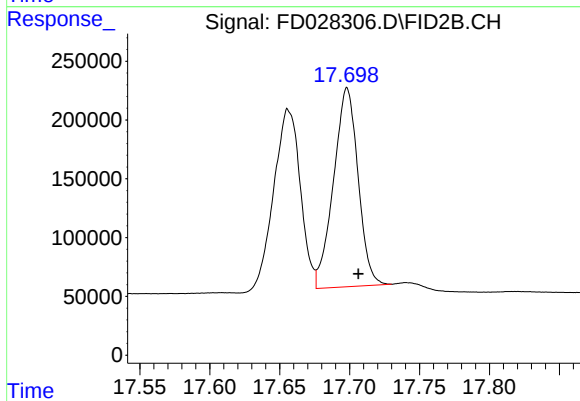
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.297 min
Delta R.T.: -0.010 min
Response: 2233578
Conc: 20.87 ug/ml



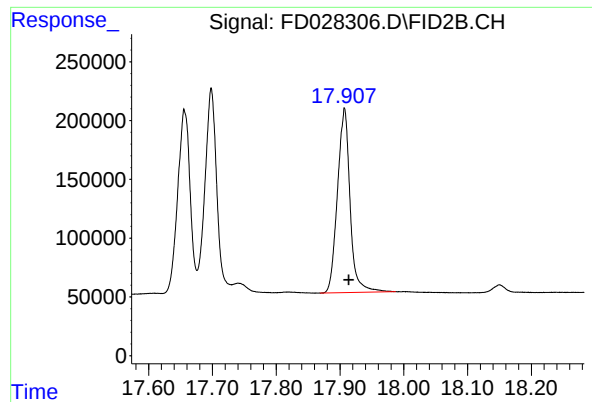
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.656 min
Delta R.T.: -0.009 min
Response: 2046549
Conc: 20.00 ug/ml



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

R.T.: 17.698 min
Delta R.T.: -0.008 min
Response: 2066760
Conc: 20.51 ug/ml



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

R.T.: 17.907 min
Delta R.T.: -0.006 min
Response: 2155281
Conc: 19.95 ug/ml

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