

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011322AR\
 Data File : FD040604.D
 Signal(s) : FID2B.CH
 Acq On : 13 Jan 2022 21:44
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 14 02:14:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 2022
 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...	6.736	2864292	20.027 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
6) S 2-Fluorobiphenyl (SURR)	7.584	1893758	19.888 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.78%
11) S ortho-Terphenyl (SURR)	10.618	3133168	20.049 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.595	3208725	20.744 ug/ml
2) T Naphthalene (C11.7)	5.086	3322800	20.761 ug/ml
3) T 2-Methylnaphthalene (...)	6.126	3307552	20.376 ug/ml
5) T Acenaphthylene (C15.06)	7.388	3184375	21.184 ug/ml
7) T Acenaphthene (C15.5)	7.682	3459965	21.466 ug/ml
8) T Flouorene (C16.55)	8.458	3061713	19.698 ug/ml
9) T Phenanthrene (C19.36)	9.844	3002208	19.514 ug/ml
10) T Anthracene (C19.43)	9.918	2712417	18.566 ug/ml
12) T Fluoranthene (C21.85)	11.646	2959716	19.061 ug/ml
13) T Pyrene (C20.8)	11.939	3032476	20.090 ug/ml
14) T Benzo[a]anthracene (C...	13.806	2710869	20.434 ug/ml
15) T Chrysene (C27.41)	13.848	2843153	19.442 ug/ml
16) T benzo[b]fluoranthene ...	15.350	2767173	20.251 ug/ml
17) T Bnezo[k]fluoranthene ...	15.382	2917336	21.076 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.724	2664587	20.442 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.086	2671402	21.923 ug/ml
20) T Dibenz[a,h]anthracene...	17.129	2746144	22.576 ug/ml
21) T Benzo[g,h,i]perylene ...	17.338	2622515	20.424 ug/ml

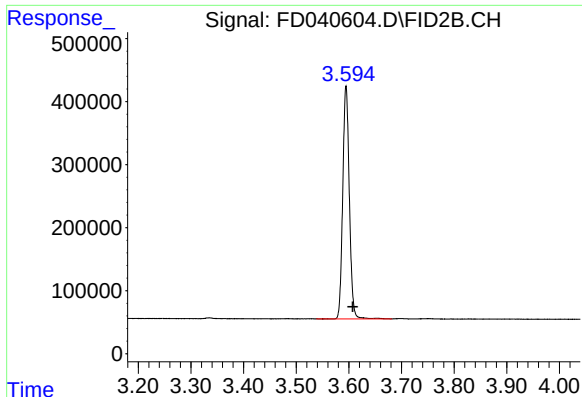
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD

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

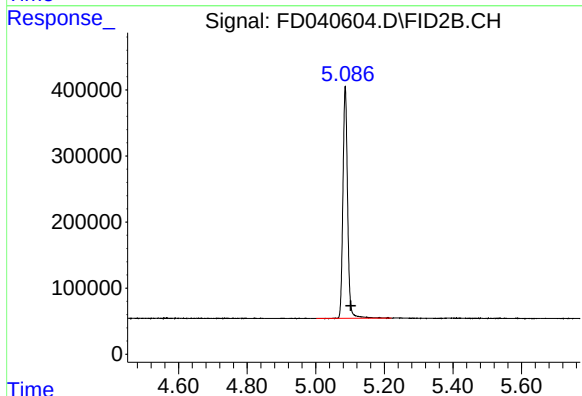




#1 1,2,3-Trimethylbenzene (C10.1)

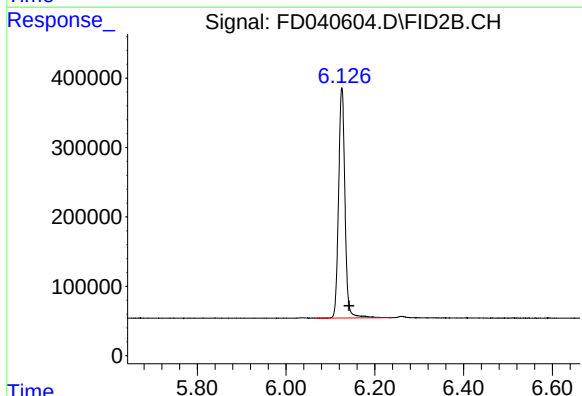
R.T.: 3.595 min
Delta R.T.: -0.012 min
Response: 3208725
Conc: 20.74 ug/ml

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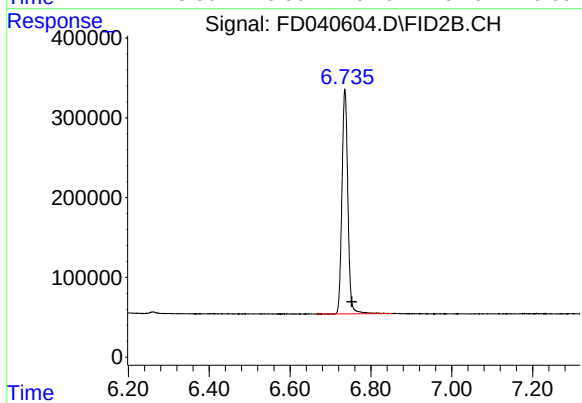
#2 Naphthalene (C11.7)

R.T.: 5.086 min
Delta R.T.: -0.016 min
Response: 3322800
Conc: 20.76 ug/ml



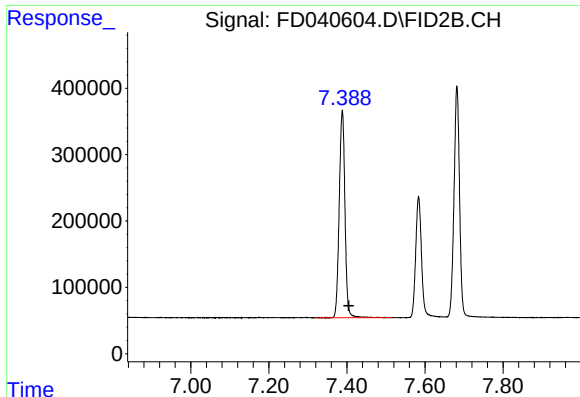
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.126 min
Delta R.T.: -0.016 min
Response: 3307552
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

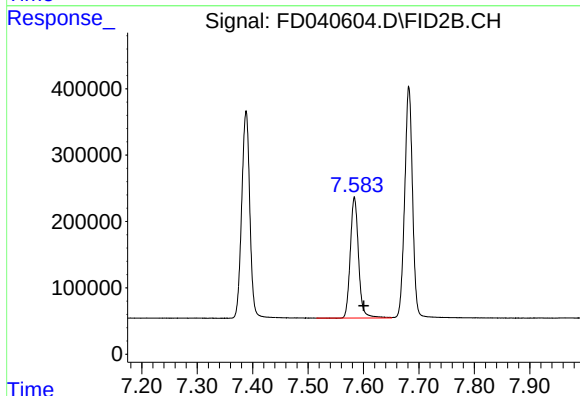
R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 2864292
Conc: 20.03 ug/ml



#5 Acenaphthylene (C15.06)

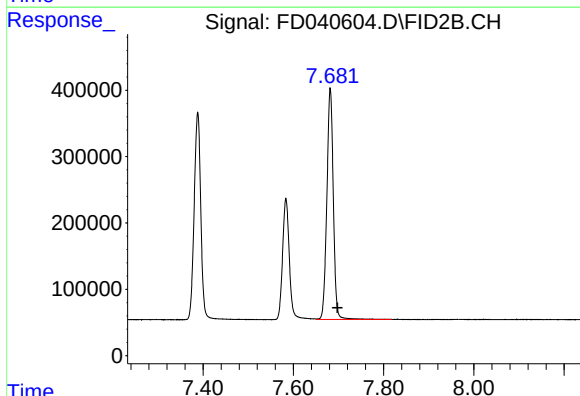
R.T.: 7.388 min
Delta R.T.: -0.016 min
Response: 3184375
Conc: 21.18 ug/ml

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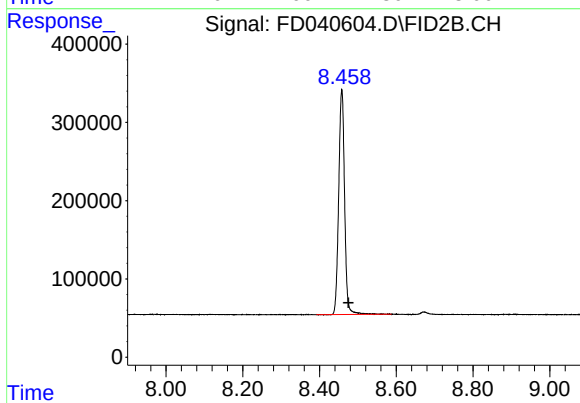
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.584 min
Delta R.T.: -0.017 min
Response: 1893758
Conc: 19.89 ug/ml



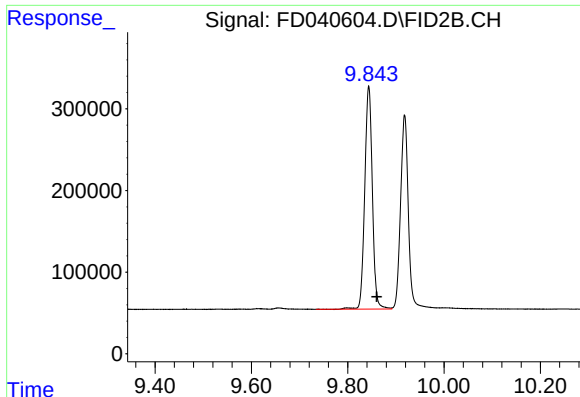
#7 Acenaphthene (C15.5)

R.T.: 7.682 min
Delta R.T.: -0.016 min
Response: 3459965
Conc: 21.47 ug/ml



#8 Fluorene (C16.55)

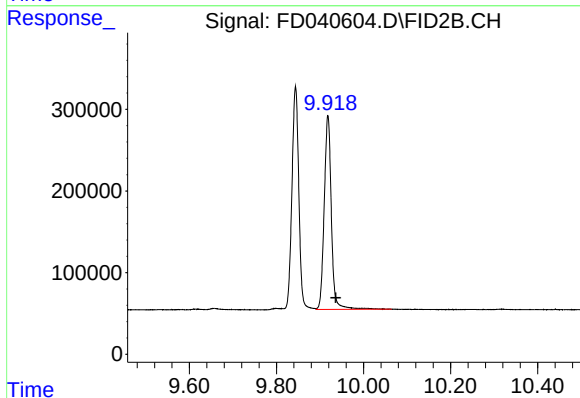
R.T.: 8.458 min
Delta R.T.: -0.017 min
Response: 3061713
Conc: 19.70 ug/ml



#9 Phenanthrene (C19.36)

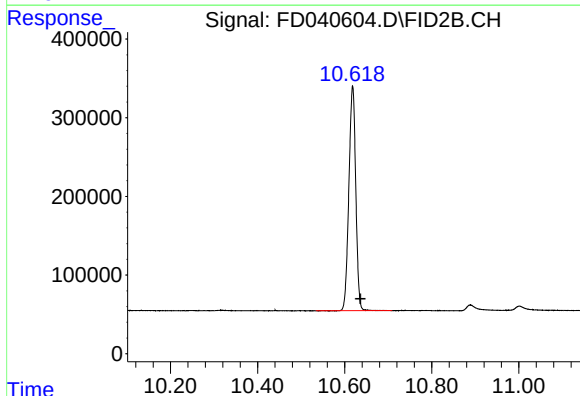
R.T.: 9.844 min
Delta R.T.: -0.017 min
Response: 3002208
Conc: 19.51 ug/ml

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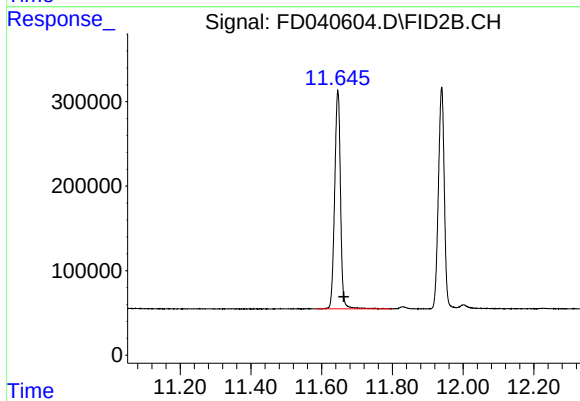
#10 Anthracene (C19.43)

R.T.: 9.918 min
Delta R.T.: -0.018 min
Response: 2712417
Conc: 18.57 ug/ml



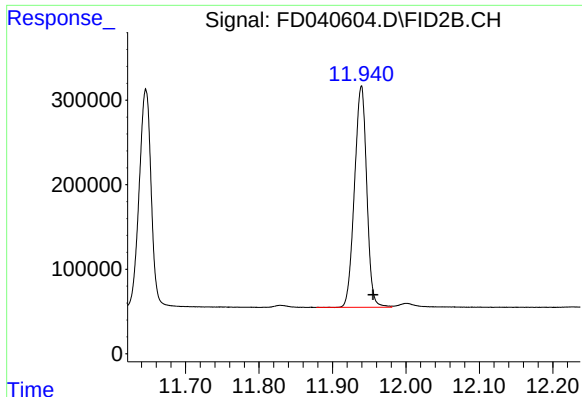
#11 ortho-Terphenyl (SURR)

R.T.: 10.618 min
Delta R.T.: -0.018 min
Response: 3133168
Conc: 20.05 ug/ml



#12 Fluoranthene (C21.85)

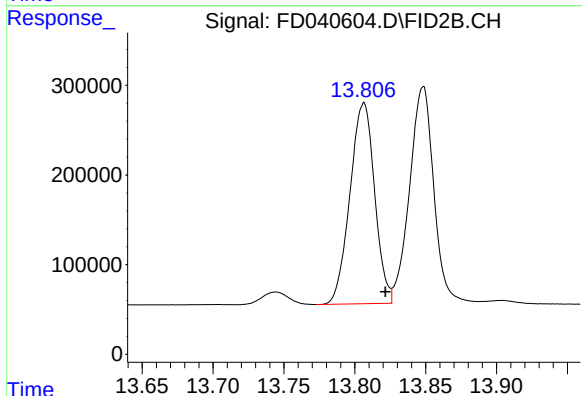
R.T.: 11.646 min
Delta R.T.: -0.017 min
Response: 2959716
Conc: 19.06 ug/ml



#13 Pyrene (C20.8)

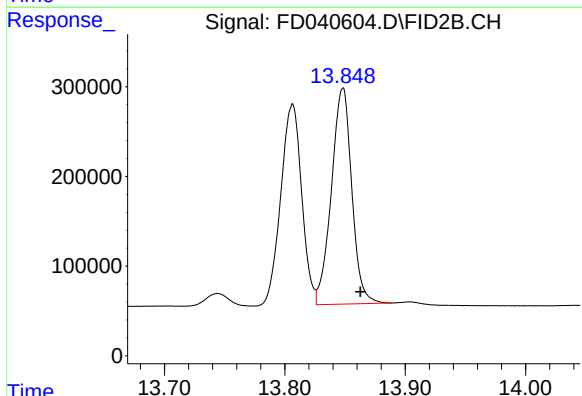
R.T.: 11.939 min
Delta R.T.: -0.016 min
Response: 3032476
Conc: 20.09 ug/ml

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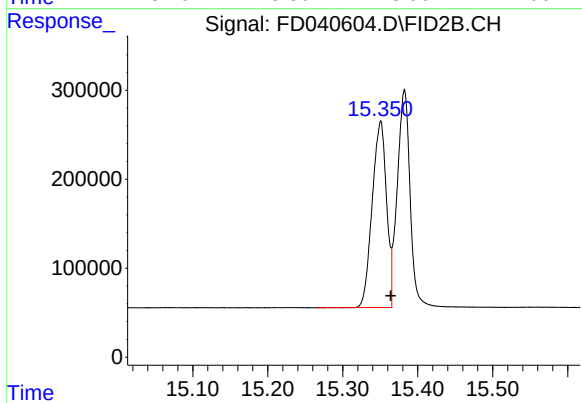
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.806 min
Delta R.T.: -0.016 min
Response: 2710869
Conc: 20.43 ug/ml



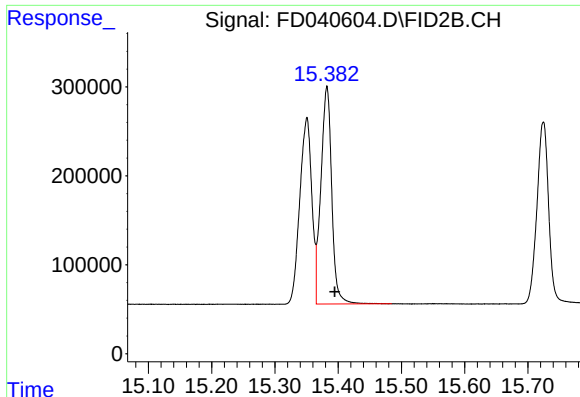
#15 Chrysene (C27.41)

R.T.: 13.848 min
Delta R.T.: -0.015 min
Response: 2843153
Conc: 19.44 ug/ml



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

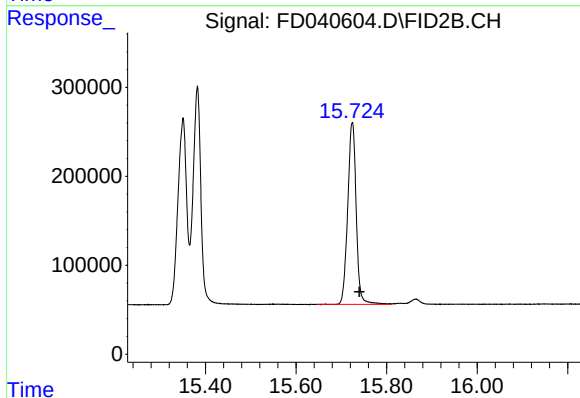
R.T.: 15.350 min
Delta R.T.: -0.014 min
Response: 2767173
Conc: 20.25 ug/ml



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

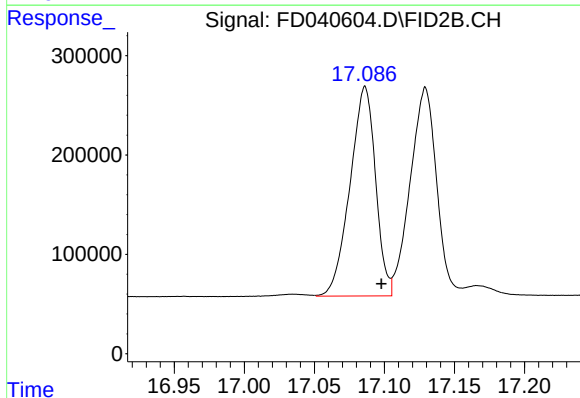
R.T.: 15.382 min
Delta R.T.: -0.013 min
Response: 2917336
Conc: 21.08 ug/ml

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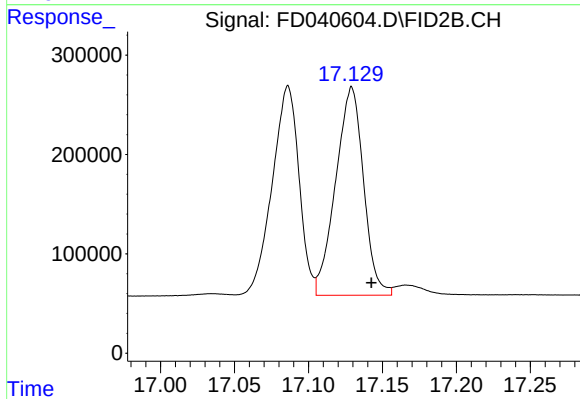
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.724 min
Delta R.T.: -0.016 min
Response: 2664587
Conc: 20.44 ug/ml



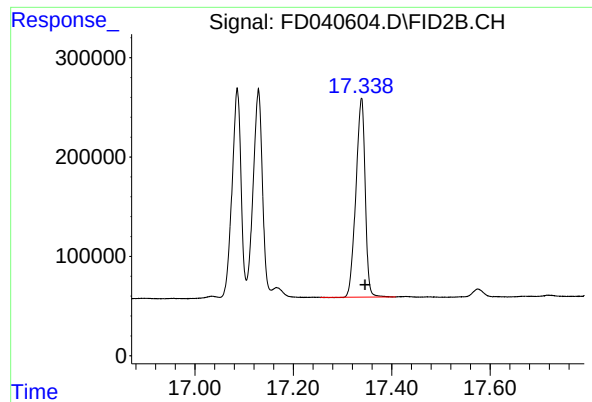
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.086 min
Delta R.T.: -0.012 min
Response: 2671402
Conc: 21.92 ug/ml



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

R.T.: 17.129 min
Delta R.T.: -0.014 min
Response: 2746144
Conc: 22.58 ug/ml



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

R.T.: 17.338 min
Delta R.T.: -0.008 min
Response: 2622515
Conc: 20.42 ug/ml

Instrument :

FID_D

ClientSampleId :

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