

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AR\
 Data File : FD042313.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 16:42
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/06/2022
 Supervised By :mohammad ahmed 05/09/2022

Integration File: sample.E
 Quant Time: May 06 01:00:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

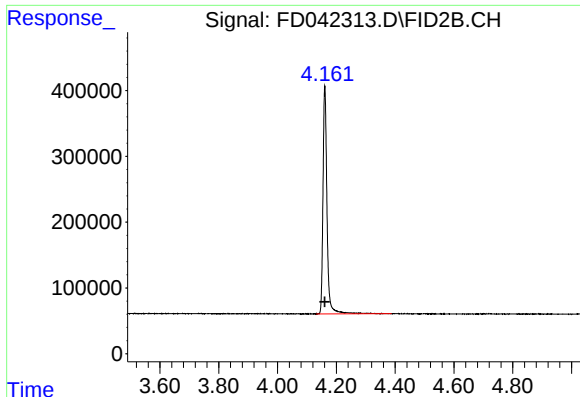
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.337	2909861	20.760 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
6) S 2-Fluorobiphenyl (SURR)	8.189	1628507	22.856 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.71%
11) S ortho-Terphenyl (SURR)	11.210	3416256	19.709 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.161	3282133	21.083 ug/ml
2) T Naphthalene (C11.7)	5.682	3250163	20.603 ug/ml
3) T 2-Methylnaphthalene (...)	6.726	2842936	19.660 ug/ml
5) T Acenaphthylene (C15.06)	7.987	3294838	19.993 ug/ml
7) T Acenaphthene (C15.5)	8.279	3601969	19.186 ug/ml
8) T Flouorene (C16.55)	9.059	3151456	20.690 ug/ml
9) T Phenanthrene (C19.36)	10.443	2963860	19.960 ug/ml
10) T Anthracene (C19.43)	10.520	2967363	17.725 ug/ml
12) T Fluoranthene (C21.85)	12.245	2996733	19.105 ug/ml
13) T Pyrene (C20.8)	12.538	3047191	18.682 ug/ml
14) T Benzo[a]anthracene (C...	14.409	2489369	20.811 ug/ml
15) T Chrysene (C27.41)	14.449	3304413	18.011 ug/ml
16) T benzo[b]fluoranthene ...	15.957	2736078	20.839 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	3237377	18.726 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.334	2790635	18.914 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	2295230	22.995 ug/mlm
20) T Dibenz[a,h]anthracene...	17.736	3348323	21.333 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	2870361	20.726 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



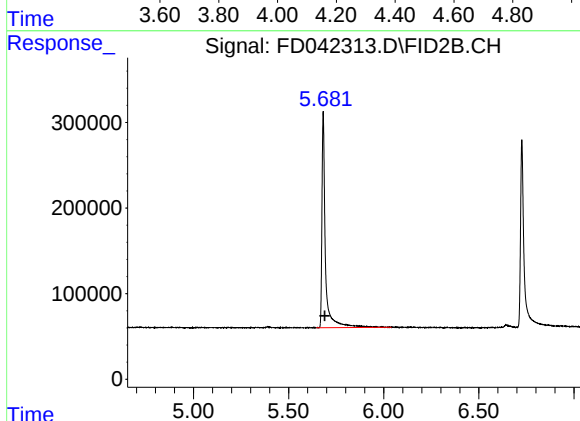
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.161 min
Delta R.T.: 0.001 min
Response: 3282133
Conc: 21.08 ug/ml

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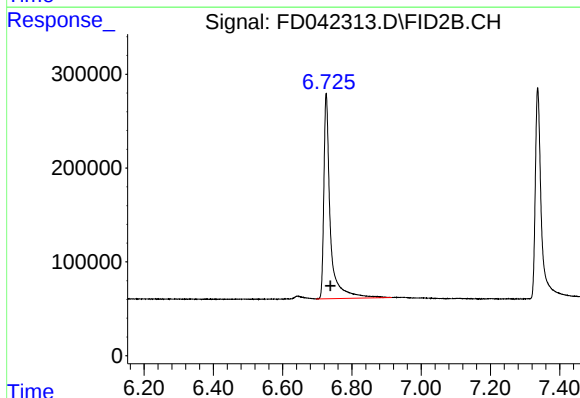
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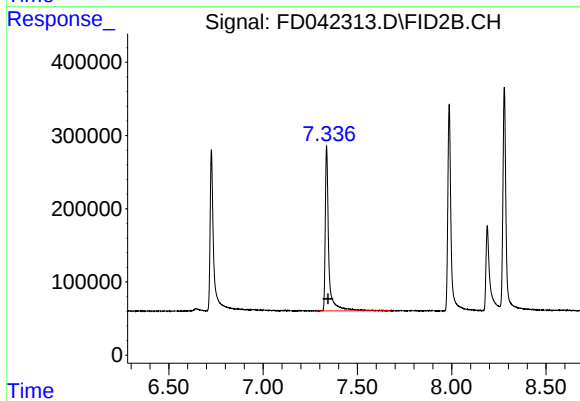
#2 Naphthalene (C11.7)

R.T.: 5.682 min
Delta R.T.: -0.008 min
Response: 3250163
Conc: 20.60 ug/ml



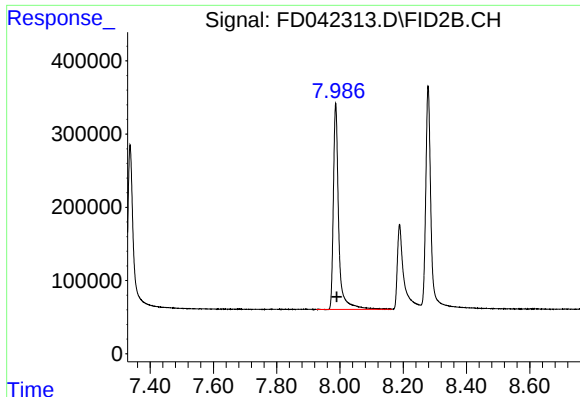
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.726 min
Delta R.T.: -0.012 min
Response: 2842936
Conc: 19.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 2909861
Conc: 20.76 ug/ml



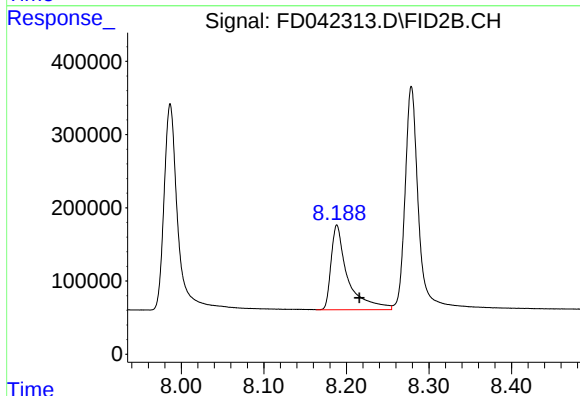
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.003 min
Response: 3294838
Conc: 19.99 ug/ml

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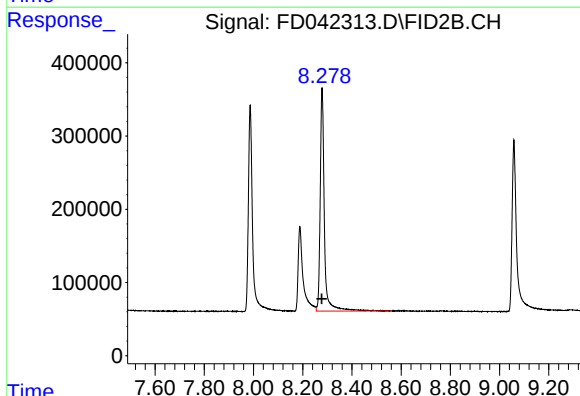
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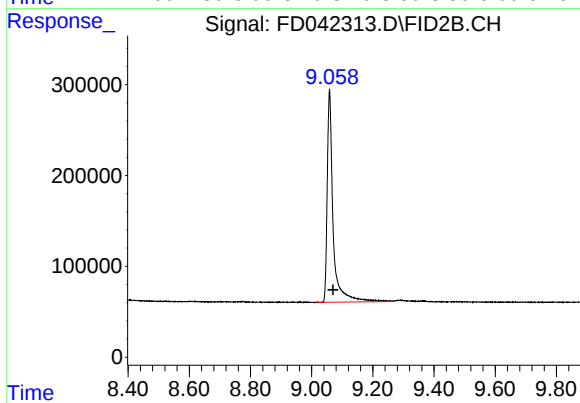
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.189 min
Delta R.T.: -0.027 min
Response: 1628507
Conc: 22.86 ug/ml



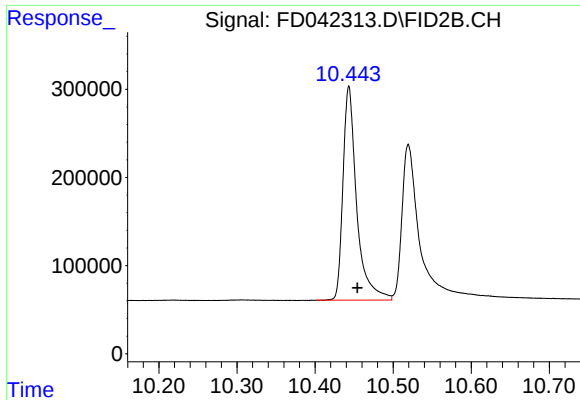
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: 0.000 min
Response: 3601969
Conc: 19.19 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 3151456
Conc: 20.69 ug/ml



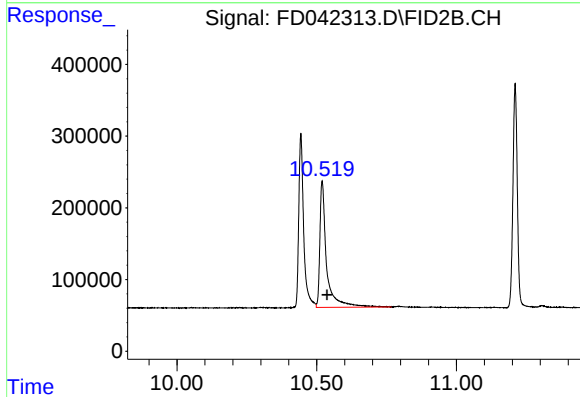
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.011 min
Response: 2963860
Conc: 19.96 ug/ml

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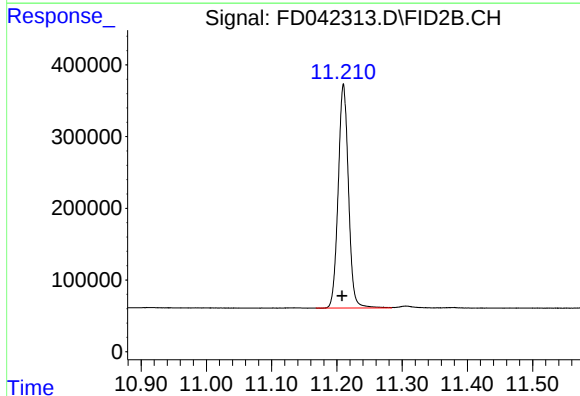
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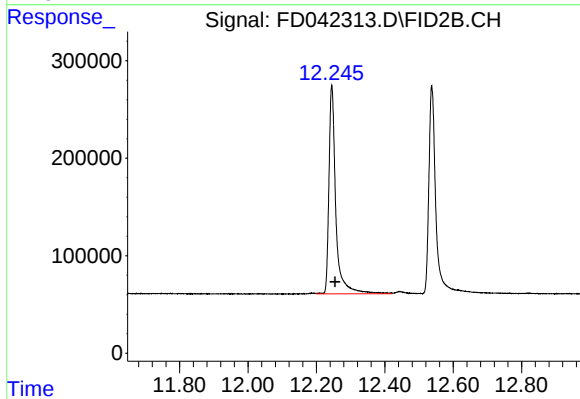
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.017 min
Response: 2967363
Conc: 17.73 ug/ml



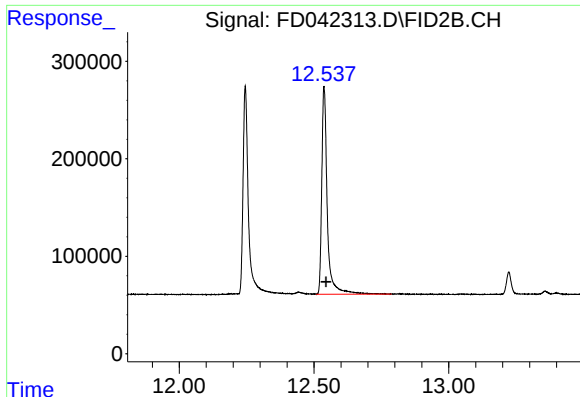
#11 ortho-Terphenyl (SURRE)

R.T.: 11.210 min
Delta R.T.: 0.002 min
Response: 3416256
Conc: 19.71 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: -0.010 min
Response: 2996733
Conc: 19.10 ug/ml



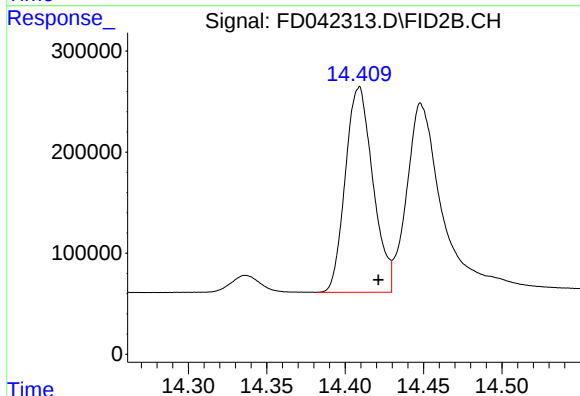
#13 Pyrene (C20.8)

R.T.: 12.538 min
Delta R.T.: -0.007 min
Response: 3047191
Conc: 18.68 ug/ml

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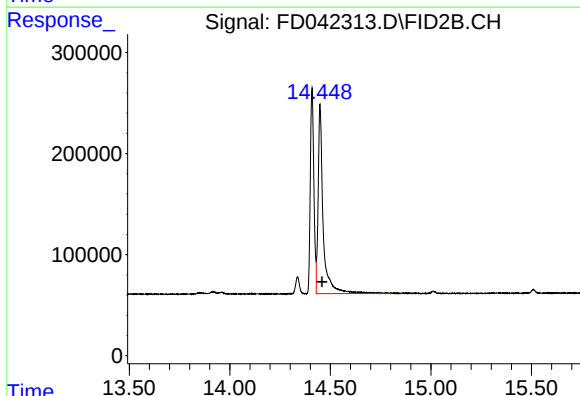
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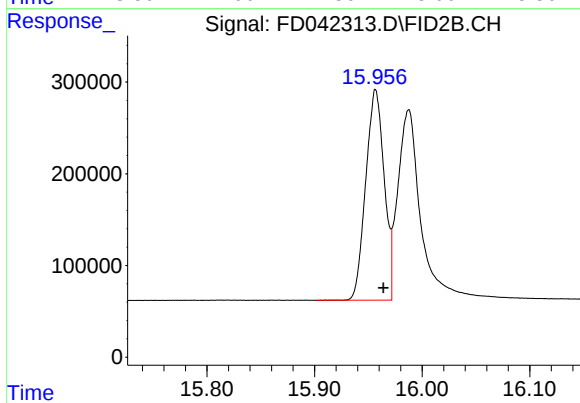
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.409 min
Delta R.T.: -0.013 min
Response: 2489369
Conc: 20.81 ug/ml



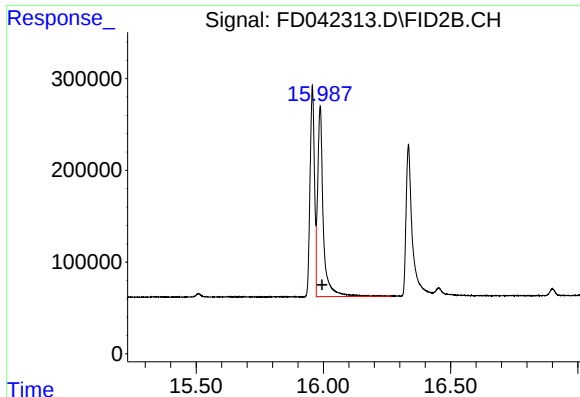
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.011 min
Response: 3304413
Conc: 18.01 ug/ml



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

R.T.: 15.957 min
Delta R.T.: -0.007 min
Response: 2736078
Conc: 20.84 ug/ml



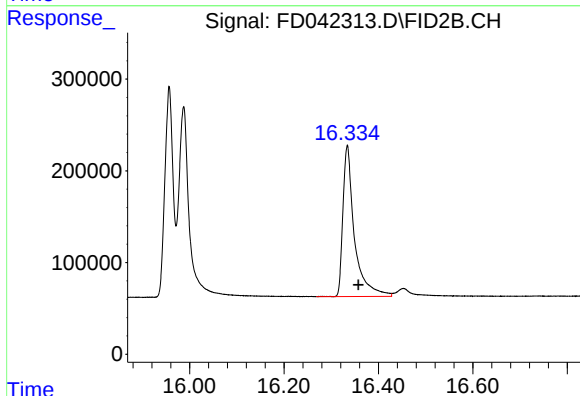
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 3237377
Conc: 18.73 ug/ml

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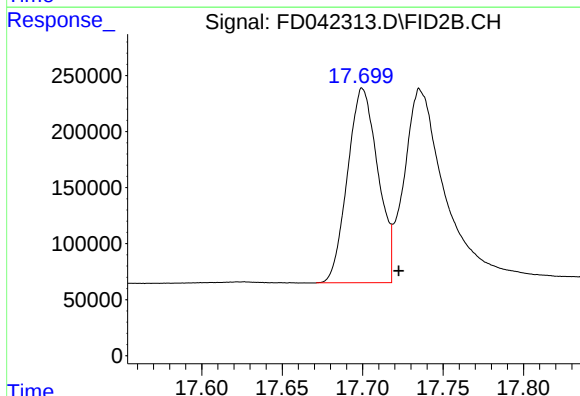
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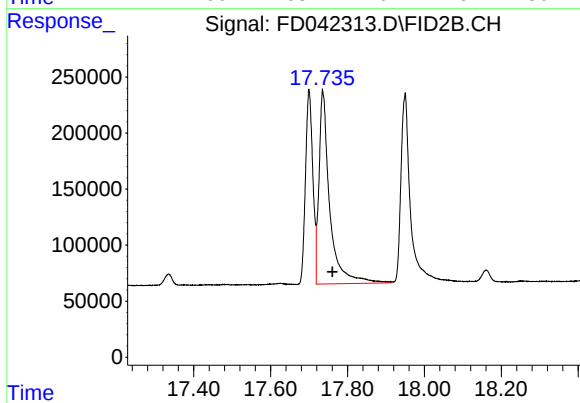
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.334 min
Delta R.T.: -0.023 min
Response: 2790635
Conc: 18.91 ug/ml



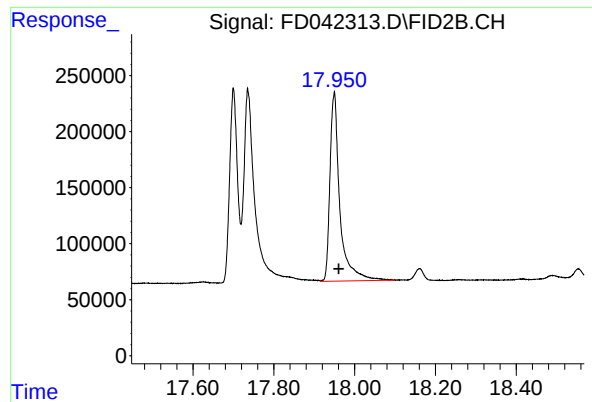
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.023 min
Response: 2295230
Conc: 23.00 ug/ml m



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

R.T.: 17.736 min
Delta R.T.: -0.024 min
Response: 3348323
Conc: 21.33 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.011 min
Response: 2870361
Conc: 20.73 ug/ml

Instrument :

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