

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032422AR\
 Data File : FD041696.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2022 18:05
 Operator : UA/NP
 Sample : PB143566BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB143566BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/25/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e

Quant Time: Mar 25 02:58:45 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M

Quant Title : GC Extractables

QLast Update : Tue Mar 22 17:33:18 2022

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

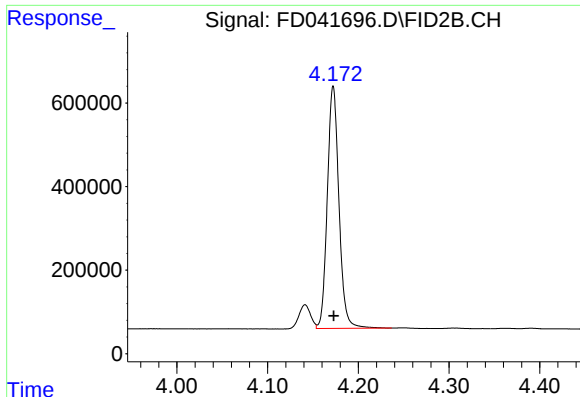
Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.350	7098521	44.258 ug/ml
Spiked Amount 50.000		Recovery =	88.52%
6) S 2-Fluorobiphenyl (SURR)	8.199	4592231	46.472 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.94%
11) S ortho-Terphenyl (SURR)	11.232	7675558	39.484 ug/ml
Spiked Amount 50.000		Recovery =	78.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	5165533	29.491 ug/ml
2) T Naphthalene (C11.7)	5.692	5703727	32.327 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	5763828	36.026 ug/ml
5) T Acenaphthylene (C15.06)	8.001	5981641	32.323 ug/ml
7) T Acenaphthene (C15.5)	8.295	6433492	33.513 ug/ml
8) T Flouorene (C16.55)	9.073	6488355	36.778 ug/ml
9) T Phenanthrene (C19.36)	10.461	6784486	38.896 ug/ml
10) T Anthracene (C19.43)	10.536	6922503	38.033 ug/ml
12) T Fluoranthene (C21.85)	12.263	6747342	38.220 ug/mlm
13) T Pyrene (C20.8)	12.557	6632472	39.230 ug/ml
14) T Benzo[a]anthracene (C...	14.427	5753756	38.479 ug/ml
15) T Chrysene (C27.41)	14.468	5608303	31.158 ug/ml
16) T benzo[b]fluoranthene ...	15.974	5374344	36.242 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	5733686	34.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.349	4856833	34.530 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	4642233	42.148 ug/ml
20) T Dibenz[a,h]anthracene...	17.753	5295648	36.579 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	5420877	40.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 5165533
Conc: 29.49 ug/ml

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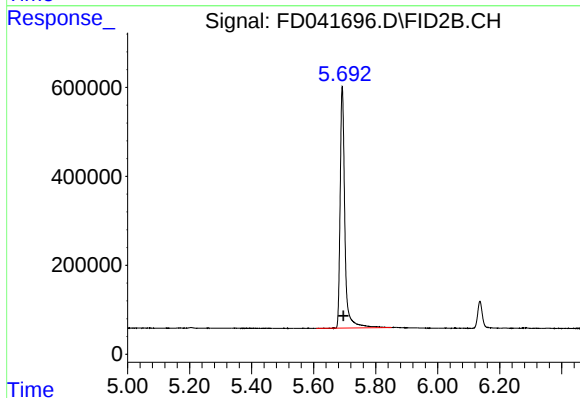
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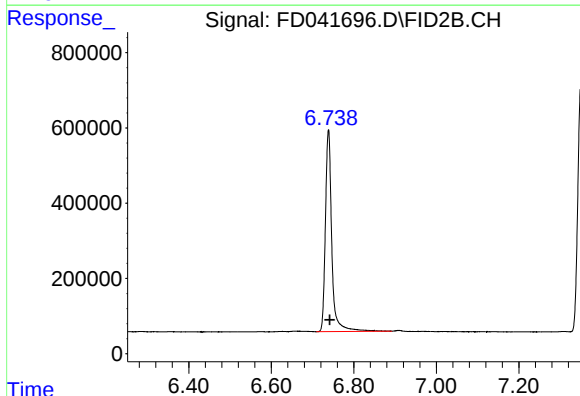
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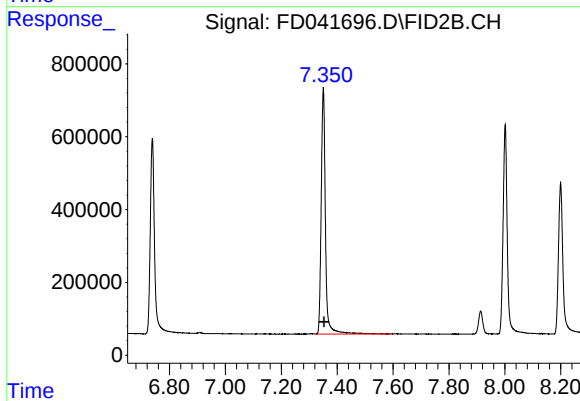
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 5703727
Conc: 32.33 ug/ml



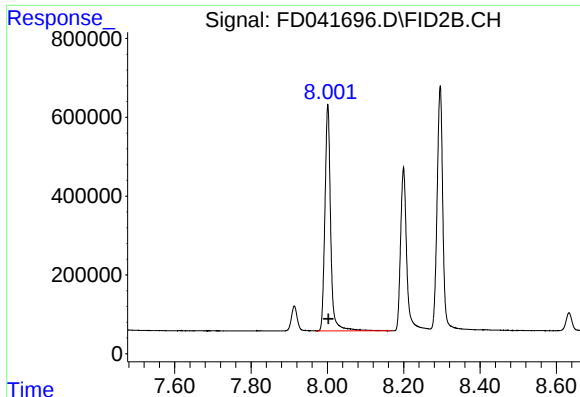
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.003 min
Response: 5763828
Conc: 36.03 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.003 min
Response: 7098521
Conc: 44.26 ug/ml



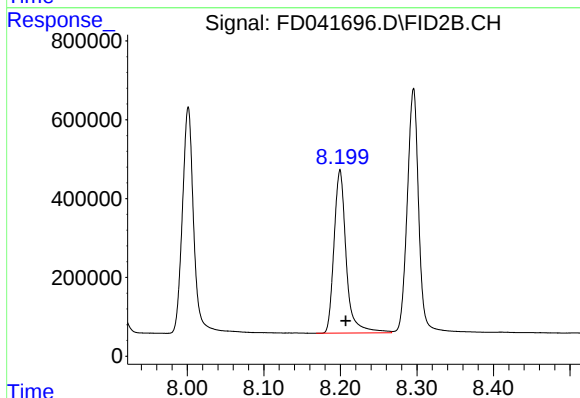
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.002 min
Response: 5981641
Conc: 32.32 ug/ml

Instrument :
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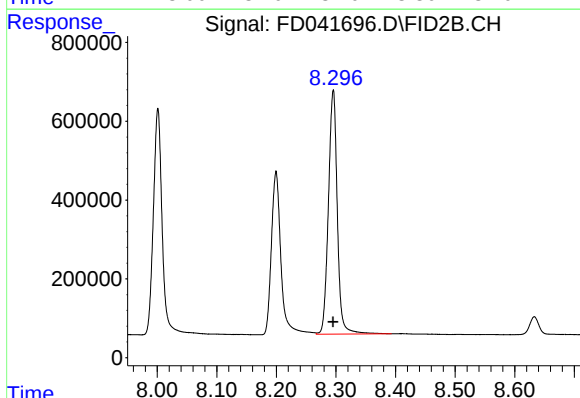
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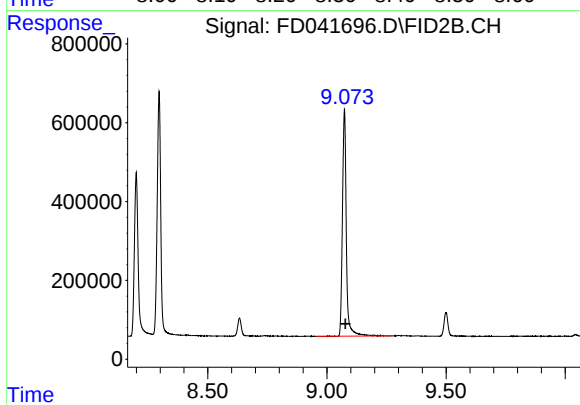
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 4592231
Conc: 46.47 ug/ml



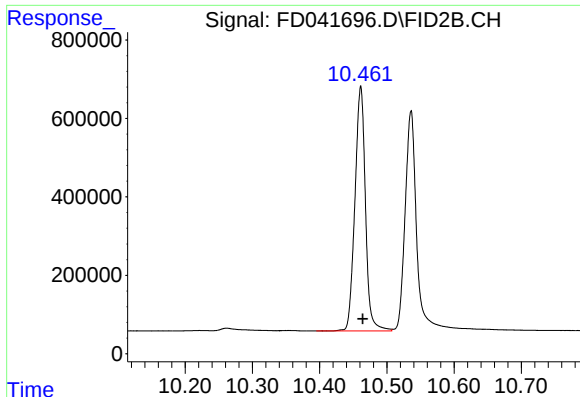
#7 Acenaphthene (C15.5)

R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 6433492
Conc: 33.51 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 6488355
Conc: 36.78 ug/ml



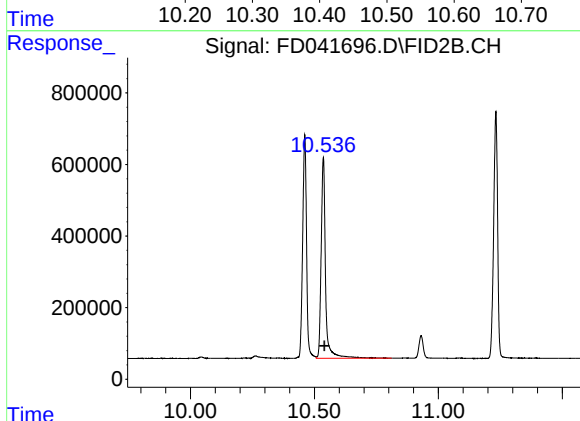
#9 Phenanthrene (C19.36)

R.T.: 10.461 min
Delta R.T.: -0.003 min
Response: 6784486
Conc: 38.90 ug/ml

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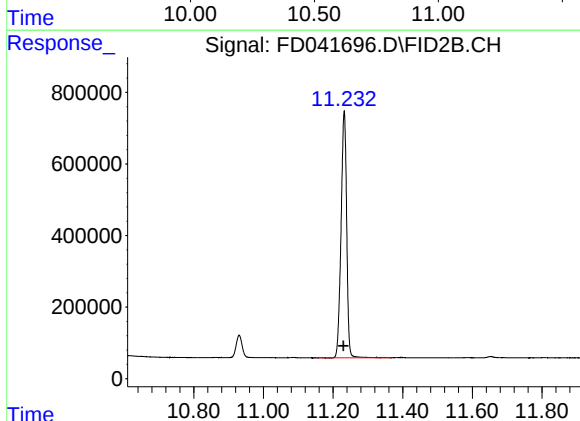
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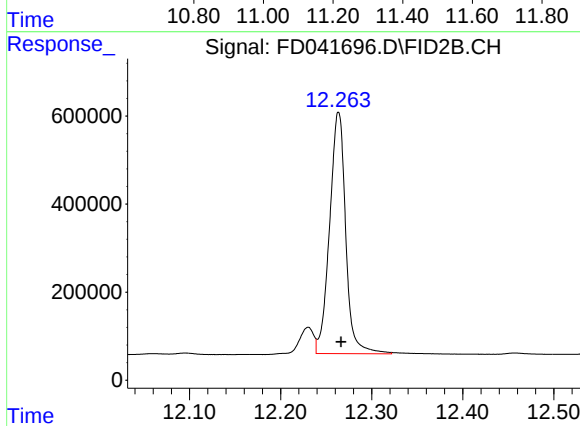
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.005 min
Response: 6922503
Conc: 38.03 ug/ml



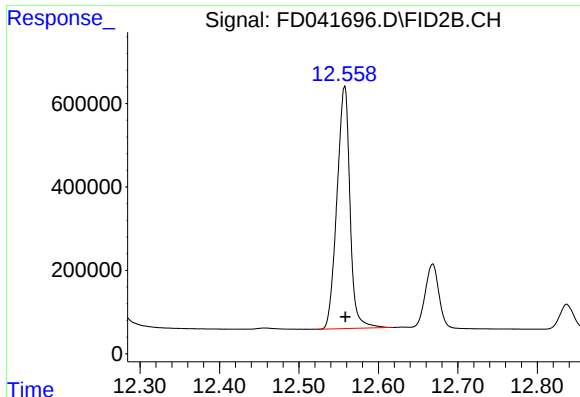
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: 0.002 min
Response: 7675558
Conc: 39.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.003 min
Response: 6747342
Conc: 38.22 ug/ml m



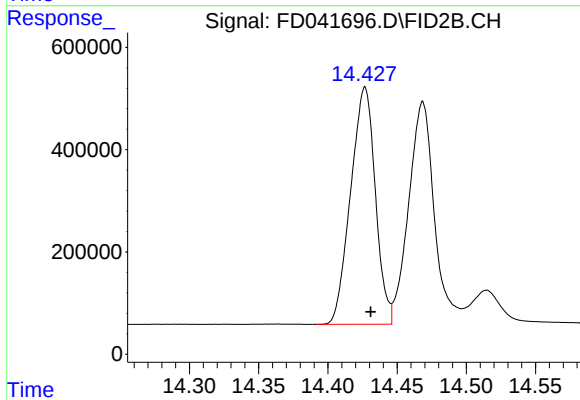
#13 Pyrene (C20.8)

R.T.: 12.557 min
Delta R.T.: -0.002 min
Response: 6632472
Conc: 39.23 ug/ml

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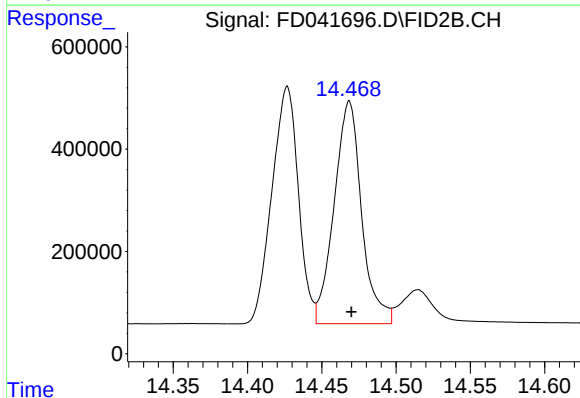
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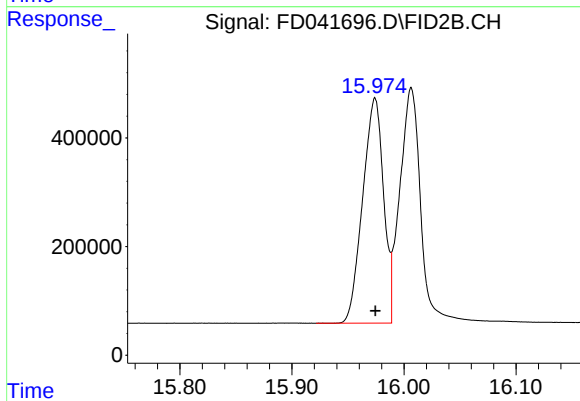
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.004 min
Response: 5753756
Conc: 38.48 ug/ml



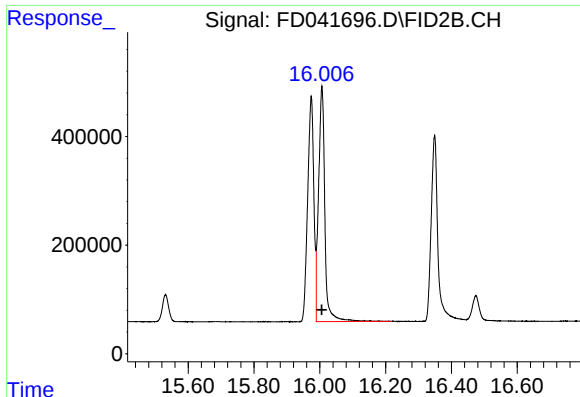
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.002 min
Response: 5608303
Conc: 31.16 ug/ml



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

R.T.: 15.974 min
Delta R.T.: 0.000 min
Response: 5374344
Conc: 36.24 ug/ml



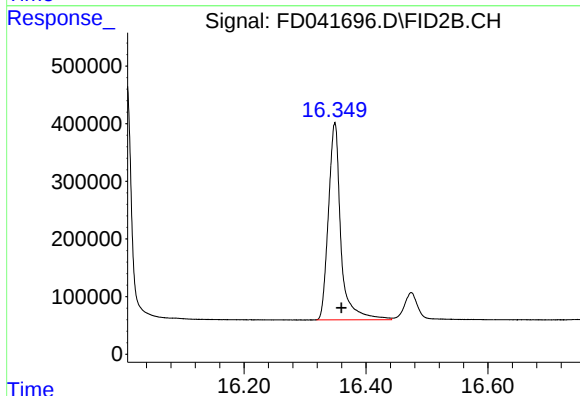
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: 0.000 min
Response: 5733686
Conc: 34.70 ug/ml

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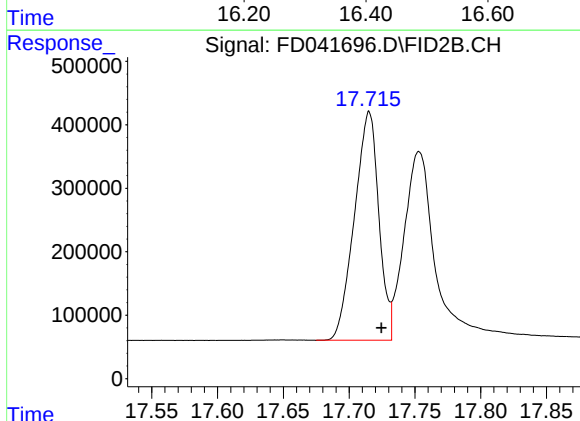
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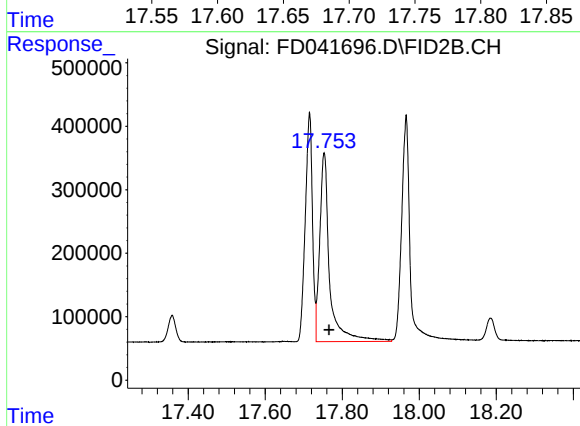
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.011 min
Response: 4856833
Conc: 34.53 ug/ml



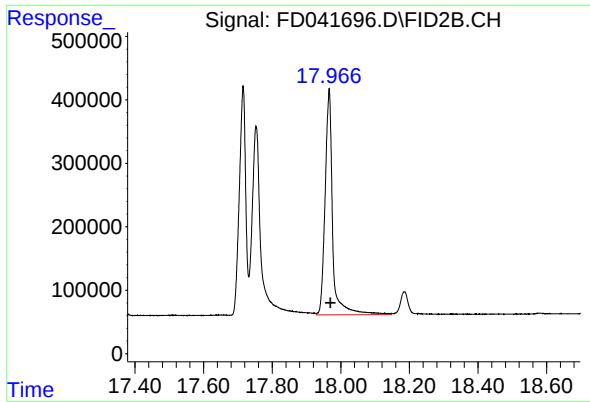
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.010 min
Response: 4642233
Conc: 42.15 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.012 min
Response: 5295648
Conc: 36.58 ug/ml



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

R.T.: 17.965 min
Delta R.T.: -0.004 min
Response: 5420877
Conc: 40.85 ug/ml

Instrument :

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