

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039908.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 8:53
 Operator : AJ\MA
 Sample : M5011-20MSD
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 HSB-9-(12.5-13)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 10:44:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:24:29 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

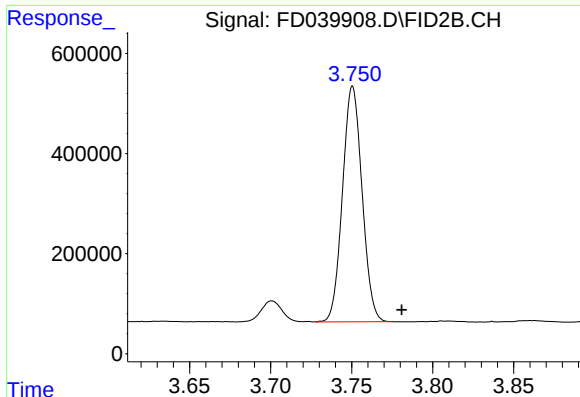
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.918	7336494	51.602 ug/mlm
Spiked Amount 50.000		Recovery =	103.20%
6) S 2-Fluorobiphenyl (SURR)	7.774	5095042	51.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	10.816	6940286	45.590 ug/ml
Spiked Amount 50.000		Recovery =	91.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.750	3959540	26.146 ug/mlm
2) T Naphthalene (C11.7)	5.260	4694153	29.208 ug/ml
3) T 2-Methylnaphthalene (...)	6.306	5423041	33.376 ug/ml
5) T Acenaphthylene (C15.06)	7.578	6388453	42.704 ug/ml
7) T Acenaphthene (C15.5)	7.874	7104115	44.712 ug/ml
8) T Flouorene (C16.55)	8.653	7860396	49.958 ug/ml
9) T Phenanthrene (C19.36)	10.047	8689637	56.004 ug/ml
10) T Anthracene (C19.43)	10.122	8501091	56.955 ug/ml
12) T Fluoranthene (C21.85)	11.856	8881280	58.064 ug/ml
13) T Pyrene (C20.8)	12.151	8784148	58.930 ug/mlm
14) T Benzo[a]anthracene (C...	14.020	8529671	63.217 ug/mlm
15) T Chrysene (C27.41)	14.066	8469042	60.227 ug/mlm
16) T benzo[b]fluoranthene ...	15.570	8323671	62.045 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.607	8160954	60.316 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.948	7324622	56.492 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.311	7327942	59.831 ug/mlm
20) T Dibenz[a,h]anthracene...	17.354	7530769	61.419 ug/ml
21) T Benzo[g,h,i]perylene ...	17.570	7446684	59.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



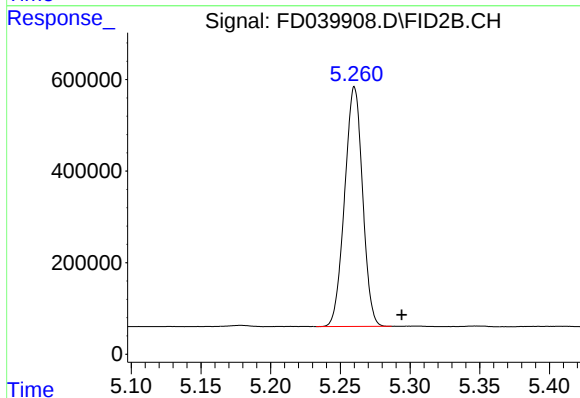
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.750 min
Delta R.T.: -0.031 min
Response: 3959540
Conc: 26.15 ug/ml

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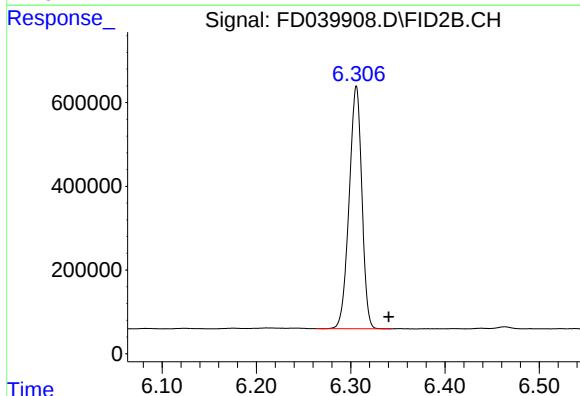
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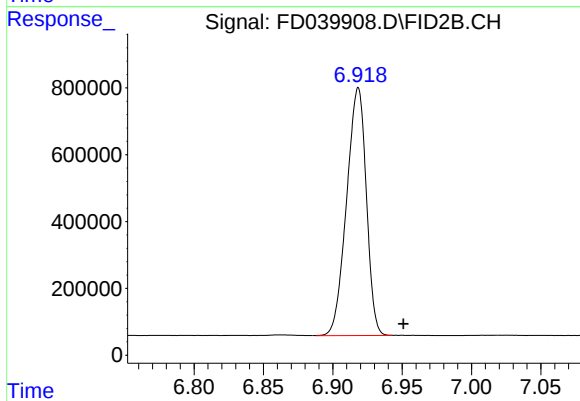
#2 Naphthalene (C11.7)

R.T.: 5.260 min
Delta R.T.: -0.034 min
Response: 4694153
Conc: 29.21 ug/ml



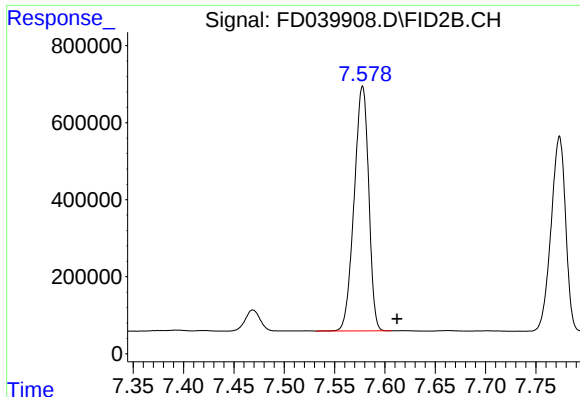
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.306 min
Delta R.T.: -0.034 min
Response: 5423041
Conc: 33.38 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.918 min
Delta R.T.: -0.033 min
Response: 7336494
Conc: 51.60 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 7.578 min
Delta R.T.: -0.034 min
Response: 6388453
Conc: 42.70 ug/ml

Instrument :

FID_D

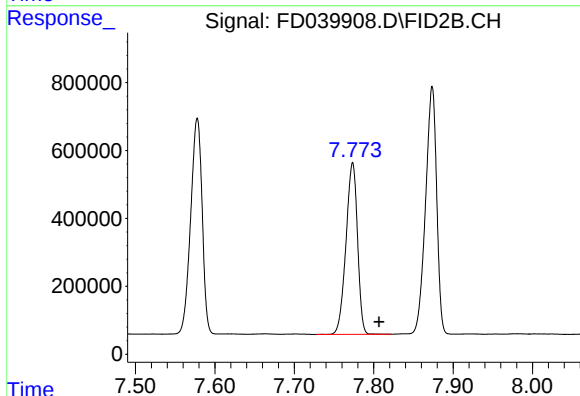
ClientSampleId :

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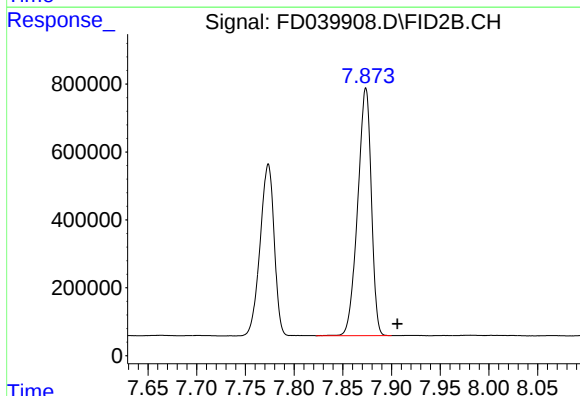
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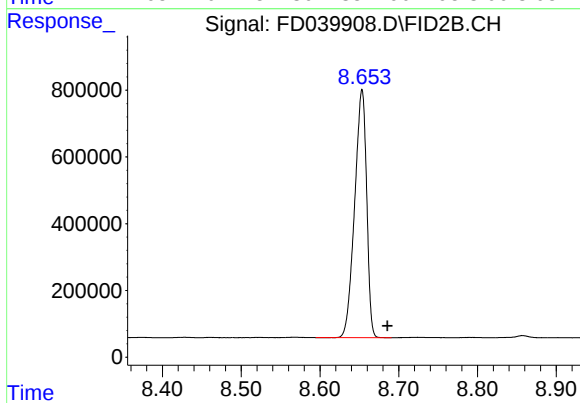
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.774 min
Delta R.T.: -0.033 min
Response: 5095042
Conc: 51.86 ug/ml



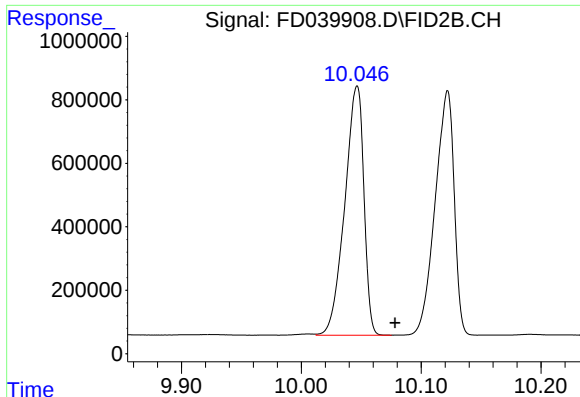
#7 Acenaphthene (C15.5)

R.T.: 7.874 min
Delta R.T.: -0.033 min
Response: 7104115
Conc: 44.71 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.653 min
Delta R.T.: -0.032 min
Response: 7860396
Conc: 49.96 ug/ml



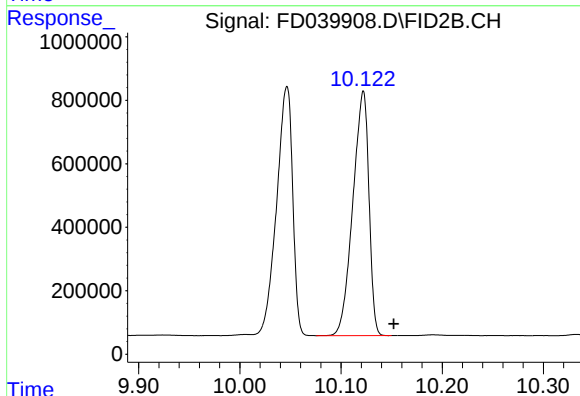
#9 Phenanthrene (C19.36)

R.T.: 10.047 min
Delta R.T.: -0.032 min
Response: 8689637
Conc: 56.00 ug/ml

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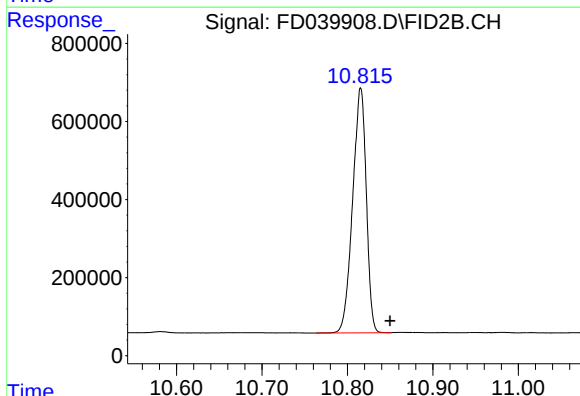
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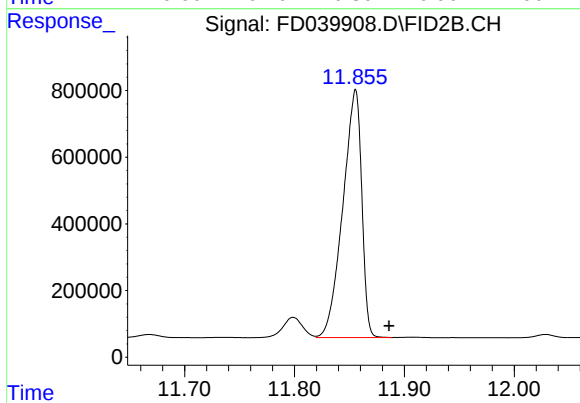
#10 Anthracene (C19.43)

R.T.: 10.122 min
Delta R.T.: -0.030 min
Response: 8501091
Conc: 56.95 ug/ml



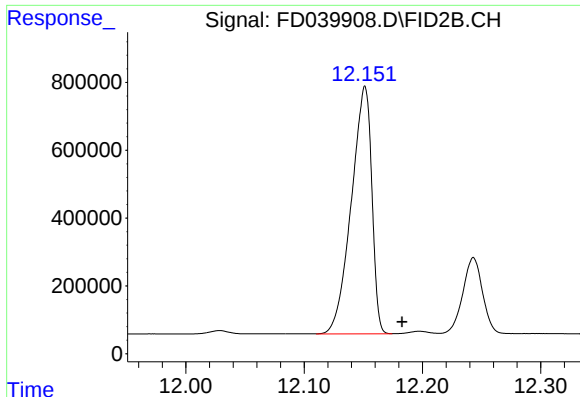
#11 ortho-Terphenyl (SURR)

R.T.: 10.816 min
Delta R.T.: -0.035 min
Response: 6940286
Conc: 45.59 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.856 min
Delta R.T.: -0.031 min
Response: 8881280
Conc: 58.06 ug/ml



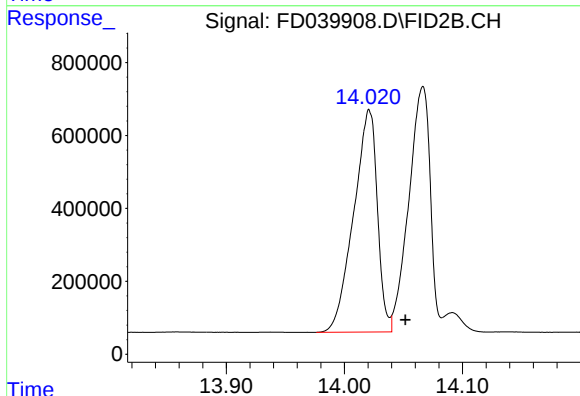
#13 Pyrene (C20.8)

R.T.: 12.151 min
Delta R.T.: -0.032 min
Response: 8784148
Conc: 58.93 ug/ml

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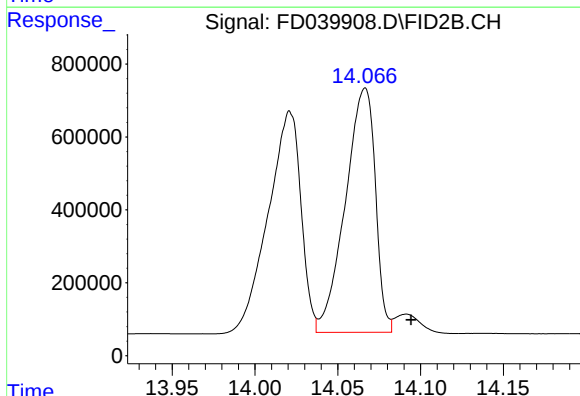
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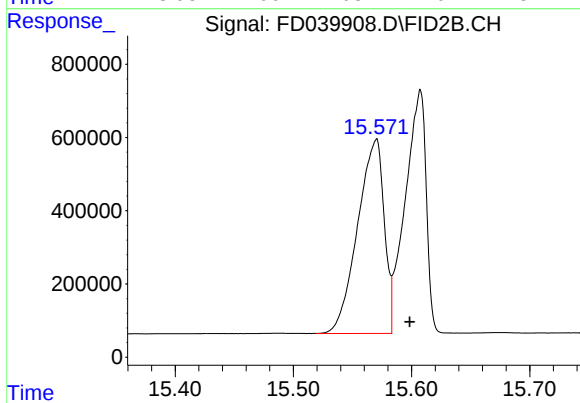
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.020 min
Delta R.T.: -0.031 min
Response: 8529671
Conc: 63.22 ug/ml m



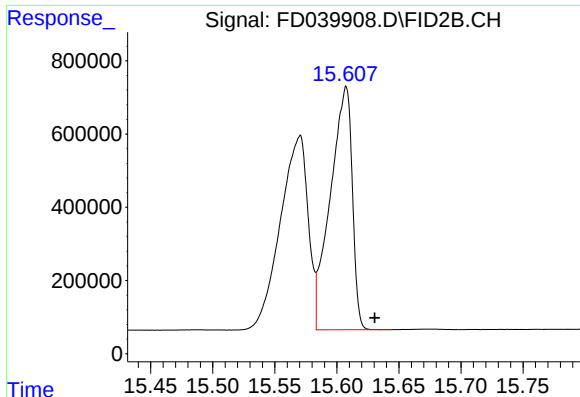
#15 Chrysene (C27.41)

R.T.: 14.066 min
Delta R.T.: -0.028 min
Response: 8469042
Conc: 60.23 ug/ml m



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

R.T.: 15.570 min
Delta R.T.: -0.028 min
Response: 8323671
Conc: 62.04 ug/ml m



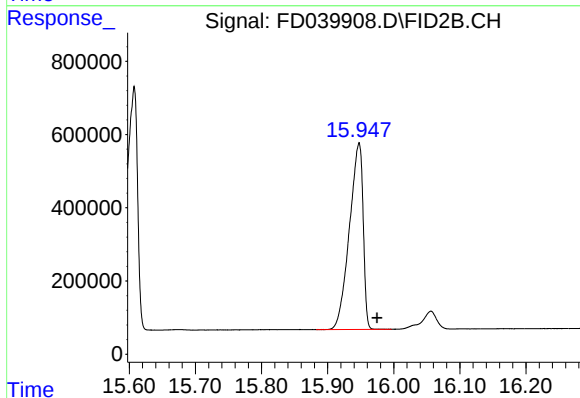
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.607 min
Delta R.T.: -0.023 min
Response: 8160954
Conc: 60.32 ug/ml

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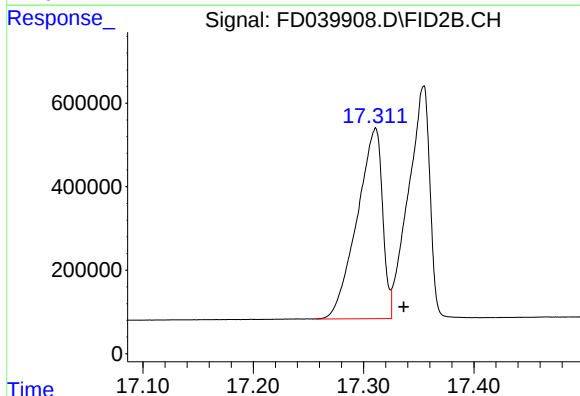
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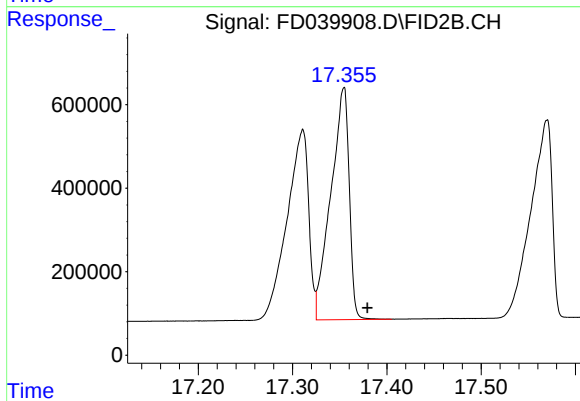
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.948 min
Delta R.T.: -0.027 min
Response: 7324622
Conc: 56.49 ug/ml



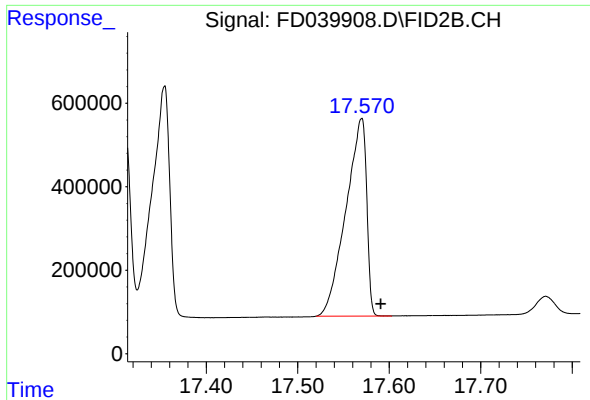
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.311 min
Delta R.T.: -0.026 min
Response: 7327942
Conc: 59.83 ug/ml m



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

R.T.: 17.354 min
Delta R.T.: -0.025 min
Response: 7530769
Conc: 61.42 ug/ml



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

R.T.: 17.570 min
Delta R.T.: -0.021 min
Response: 7446684
Conc: 59.61 ug/ml

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