

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039898.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 3:22
 Operator : AJ\MA
 Sample : PB141338BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141338BSD

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 10:42:27 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

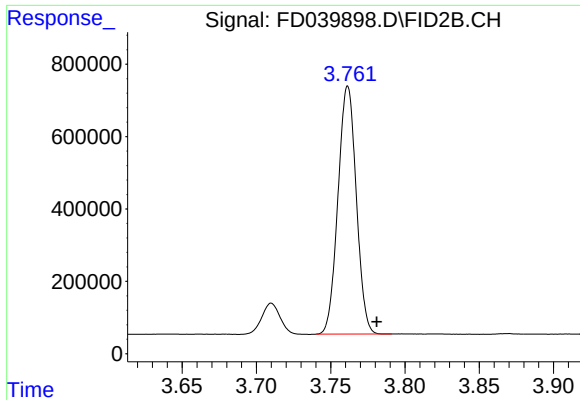
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.930	7185719	50.541 ug/ml
Spiked Amount 50.000		Recovery =	101.08%
6) S 2-Fluorobiphenyl (SURR)	7.786	4996205	50.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.71%
11) S ortho-Terphenyl (SURR)	10.828	7453010	48.958 ug/ml
Spiked Amount 50.000		Recovery =	97.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.762	5876673	38.805 ug/ml
2) T Naphthalene (C11.7)	5.272	6782493	42.202 ug/ml
3) T 2-Methylnaphthalene (...)	6.318	6871499	42.291 ug/ml
5) T Acenaphthylene (C15.06)	7.590	6937019	46.371 ug/ml
7) T Acenaphthene (C15.5)	7.886	7474258	47.042 ug/ml
8) T Flouorene (C16.55)	8.665	7793900	49.535 ug/ml
9) T Phenanthrene (C19.36)	10.059	8265665	53.272 ug/ml
10) T Anthracene (C19.43)	10.134	8046231	53.907 ug/ml
12) T Fluoranthene (C21.85)	11.868	8305557	54.300 ug/ml
13) T Pyrene (C20.8)	12.164	8220236	55.147 ug/ml
14) T Benzo[a]anthracene (C...	14.034	7882725	58.422 ug/mlm
15) T Chrysene (C27.41)	14.078	7843933	55.782 ug/mlm
16) T benzo[b]fluoranthene ...	15.582	7763225	57.867 ug/ml
17) T Bnezo[k]fluoranthene ...	15.620	7556193	55.846 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.960	6751299	52.070 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.324	6709674	54.783 ug/ml
20) T Dibenz[a,h]anthracene...	17.367	6895923	56.241 ug/ml
21) T Benzo[g,h,i]perylene ...	17.582	6970288	55.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 3.762 min
Delta R.T.: -0.019 min
Response: 5876673
Conc: 38.80 ug/ml

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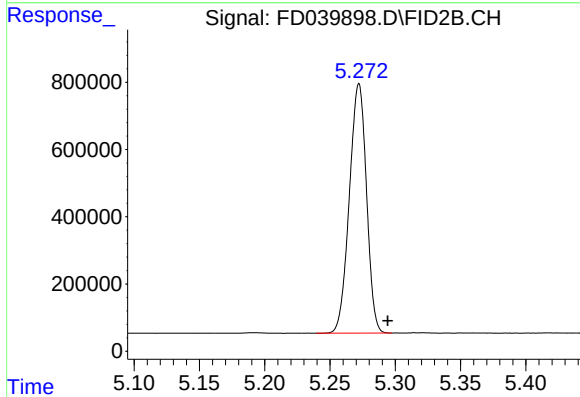
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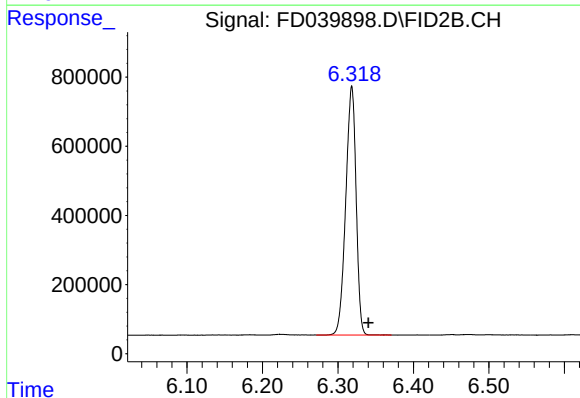
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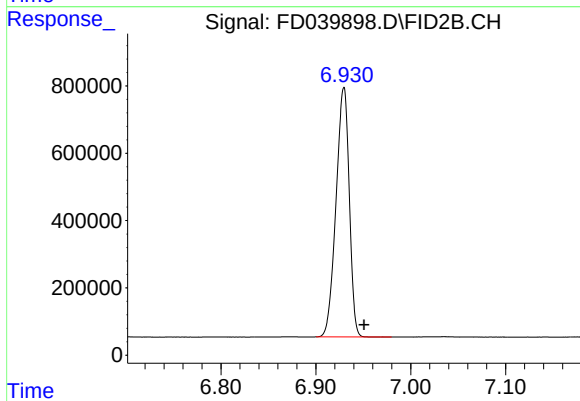
#2 Naphthalene (C11.7)

R.T.: 5.272 min
Delta R.T.: -0.022 min
Response: 6782493
Conc: 42.20 ug/ml



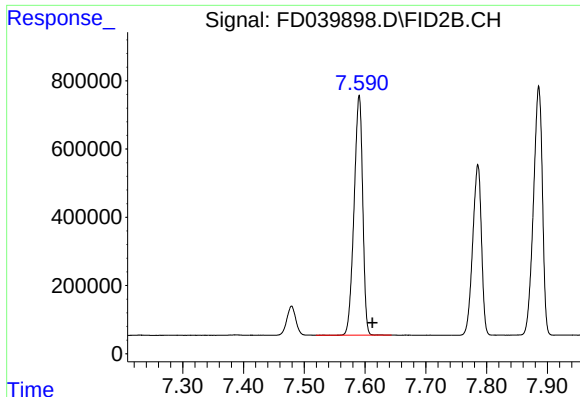
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.318 min
Delta R.T.: -0.022 min
Response: 6871499
Conc: 42.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.930 min
Delta R.T.: -0.021 min
Response: 7185719
Conc: 50.54 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.590 min
Delta R.T.: -0.022 min
Response: 6937019
Conc: 46.37 ug/ml

Instrument :

FID_D

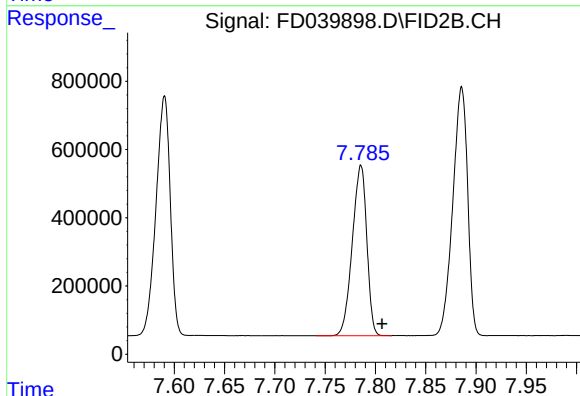
ClientSampleId :

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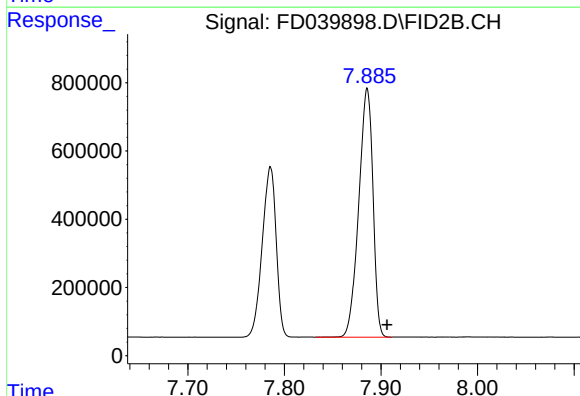
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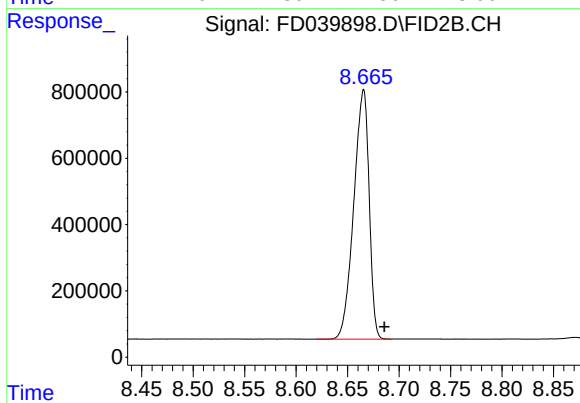
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.786 min
Delta R.T.: -0.021 min
Response: 4996205
Conc: 50.85 ug/ml



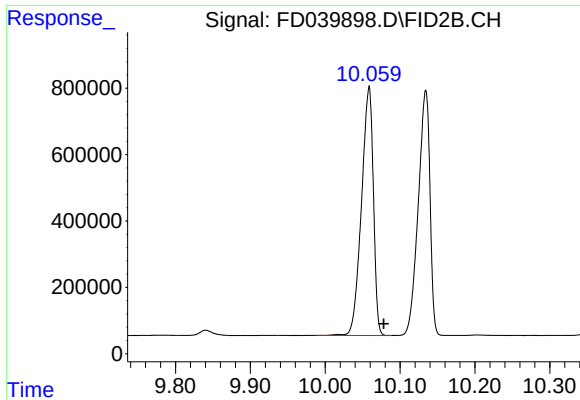
#7 Acenaphthene (C15.5)

R.T.: 7.886 min
Delta R.T.: -0.020 min
Response: 7474258
Conc: 47.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 8.665 min
Delta R.T.: -0.020 min
Response: 7793900
Conc: 49.53 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.059 min
Delta R.T.: -0.020 min
Response: 8265665
Conc: 53.27 ug/ml

Instrument :

FID_D

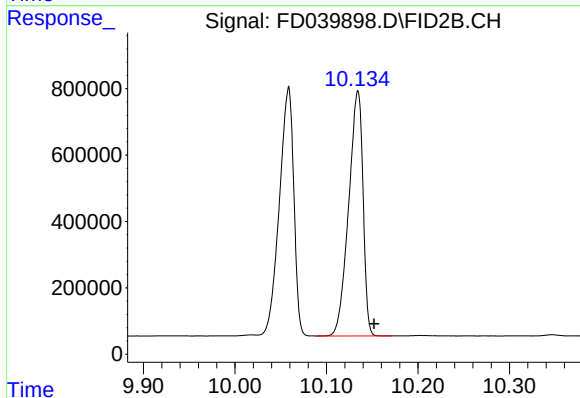
ClientSampleId :

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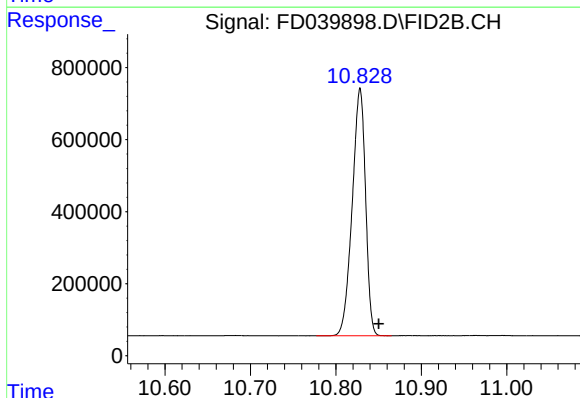
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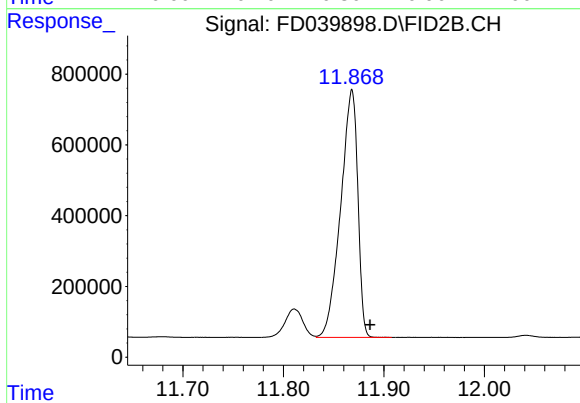
#10 Anthracene (C19.43)

R.T.: 10.134 min
Delta R.T.: -0.018 min
Response: 8046231
Conc: 53.91 ug/ml



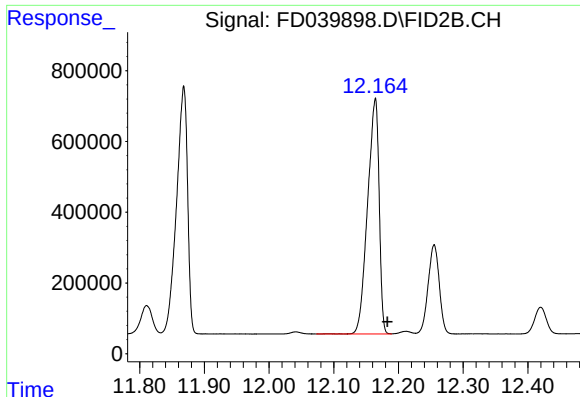
#11 ortho-Terphenyl (SURR)

R.T.: 10.828 min
Delta R.T.: -0.022 min
Response: 7453010
Conc: 48.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 8305557
Conc: 54.30 ug/ml



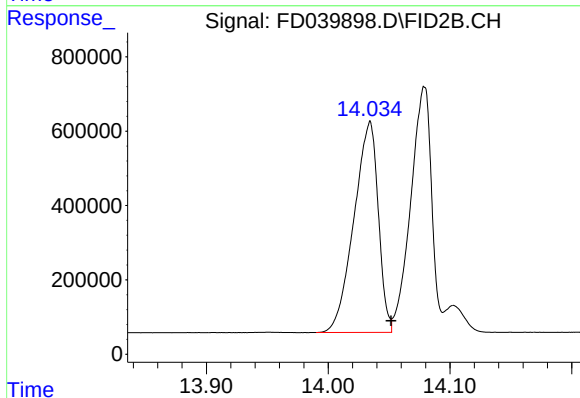
#13 Pyrene (C20.8)

R.T.: 12.164 min
Delta R.T.: -0.018 min
Response: 8220236
Conc: 55.15 ug/ml

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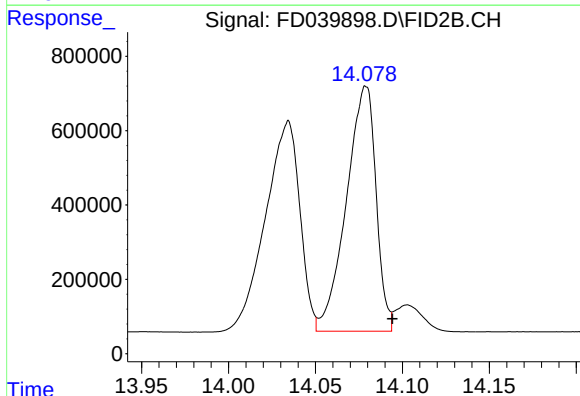
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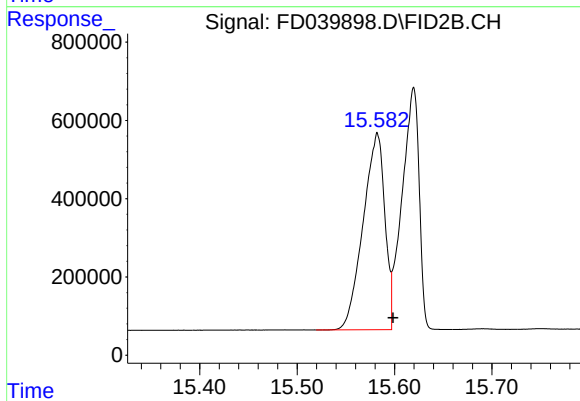
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.034 min
Delta R.T.: -0.018 min
Response: 7882725
Conc: 58.42 ug/ml m



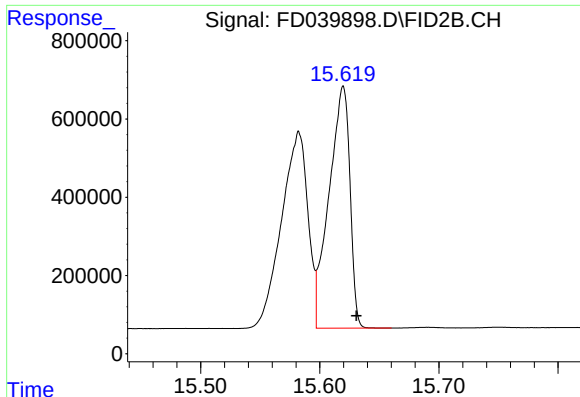
#15 Chrysene (C27.41)

R.T.: 14.078 min
Delta R.T.: -0.016 min
Response: 7843933
Conc: 55.78 ug/ml m



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

R.T.: 15.582 min
Delta R.T.: -0.016 min
Response: 7763225
Conc: 57.87 ug/ml



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

R.T.: 15.620 min
Delta R.T.: -0.011 min
Response: 7556193
Conc: 55.85 ug/ml

Instrument :

FID_D

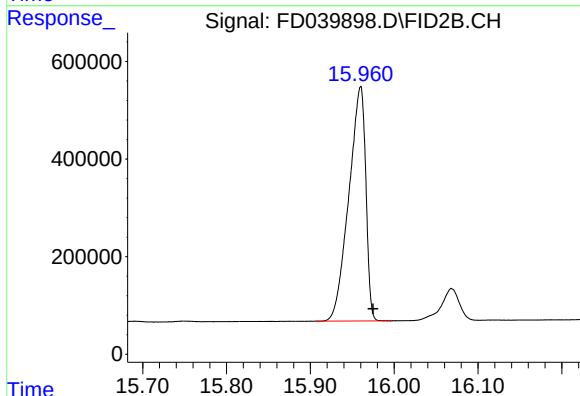
ClientSampleId :

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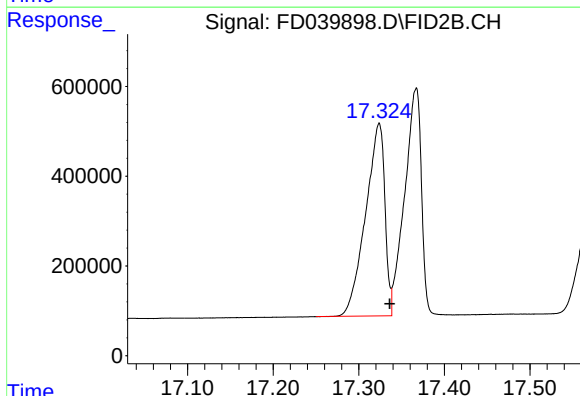
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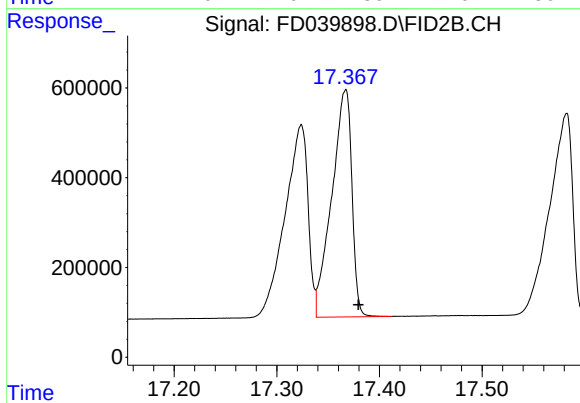
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.960 min
Delta R.T.: -0.015 min
Response: 6751299
Conc: 52.07 ug/ml



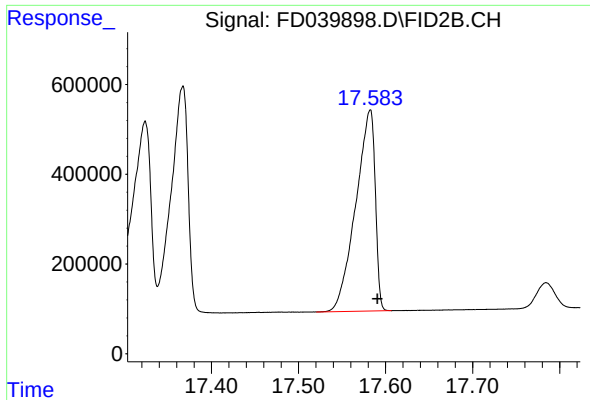
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.324 min
Delta R.T.: -0.013 min
Response: 6709674
Conc: 54.78 ug/ml



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

R.T.: 17.367 min
Delta R.T.: -0.013 min
Response: 6895923
Conc: 56.24 ug/ml



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

R.T.: 17.582 min
Delta R.T.: -0.008 min
Response: 6970288
Conc: 55.80 ug/ml

Instrument :

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