

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039897.D
 Signal(s) : FID2B.CH
 Acq On : 15 Dec 2021 2:49
 Operator : AJ\MA
 Sample : PB141338BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141338BS

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 15 10:42:05 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

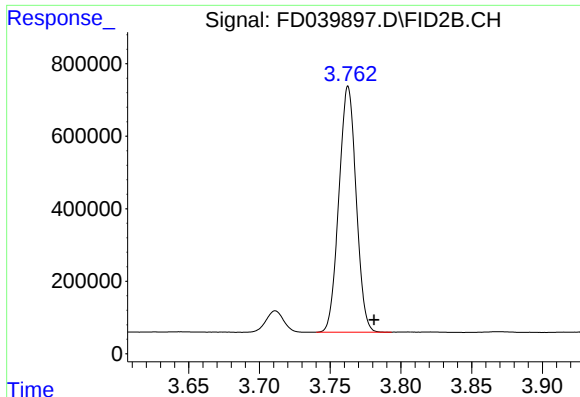
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.931	7272990	51.155 ug/ml
Spiked Amount 50.000		Recovery =	102.31%
6) S 2-Fluorobiphenyl (SURR)	7.788	5044204	51.343 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.69%
11) S ortho-Terphenyl (SURR)	10.830	7282585	47.838 ug/ml
Spiked Amount 50.000		Recovery =	95.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.763	5753991	37.995 ug/ml
2) T Naphthalene (C11.7)	5.274	6612941	41.147 ug/ml
3) T 2-Methylnaphthalene (...)	6.320	6704970	41.266 ug/ml
5) T Acenaphthylene (C15.06)	7.592	6740531	45.058 ug/ml
7) T Acenaphthene (C15.5)	7.888	7274257	45.783 ug/ml
8) T Fluorene (C16.55)	8.667	7588572	48.230 ug/ml
9) T Phenanthrene (C19.36)	10.060	8086046	52.114 ug/ml
10) T Anthracene (C19.43)	10.135	7858749	52.651 ug/ml
12) T Fluoranthene (C21.85)	11.869	8146058	53.258 ug/ml
13) T Pyrene (C20.8)	12.165	8054843	54.038 ug/ml
14) T Benzo[a]anthracene (C...	14.036	7718005	57.201 ug/mlm
15) T Chrysene (C27.41)	14.079	7714018	54.858 ug/mlm
16) T benzo[b]fluoranthene ...	15.583	7563772	56.380 ug/ml
17) T Bnezo[k]fluoranthene ...	15.621	7331206	54.184 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.960	6542919	50.463 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.325	6483380	52.935 ug/ml
20) T Dibenz[a,h]anthracene...	17.367	6679140	54.473 ug/ml
21) T Benzo[g,h,i]perylene ...	17.583	6727854	53.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 3.763 min
Delta R.T.: -0.018 min
Response: 5753991
Conc: 37.99 ug/ml

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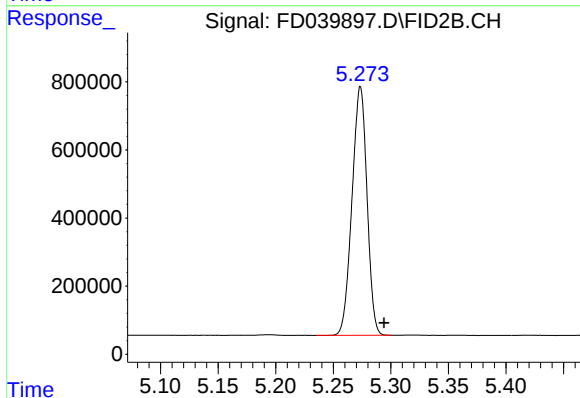
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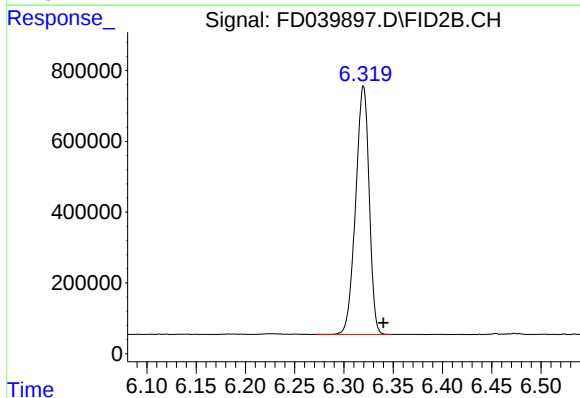
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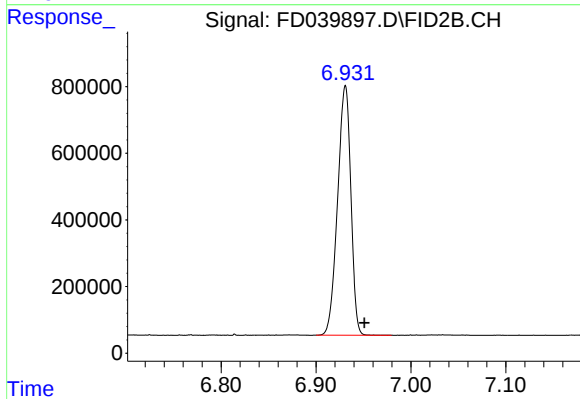
#2 Naphthalene (C11.7)

R.T.: 5.274 min
Delta R.T.: -0.020 min
Response: 6612941
Conc: 41.15 ug/ml



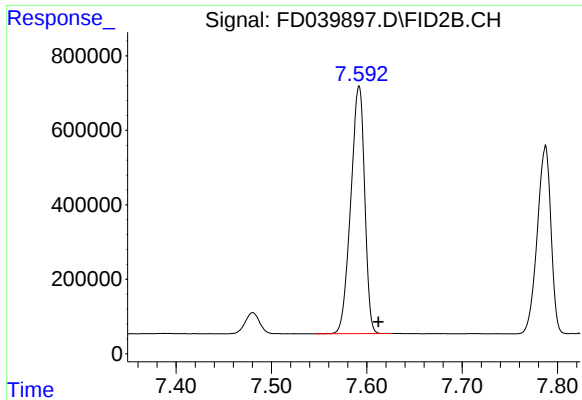
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.320 min
Delta R.T.: -0.020 min
Response: 6704970
Conc: 41.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.931 min
Delta R.T.: -0.020 min
Response: 7272990
Conc: 51.16 ug/ml



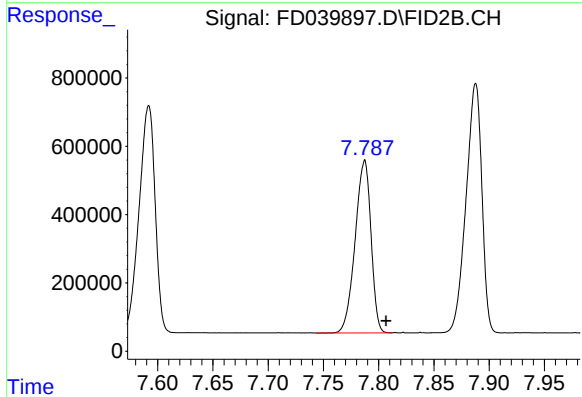
#5 Acenaphthylene (C15.06)

R.T.: 7.592 min
Delta R.T.: -0.020 min
Response: 6740531
Conc: 45.06 ug/ml

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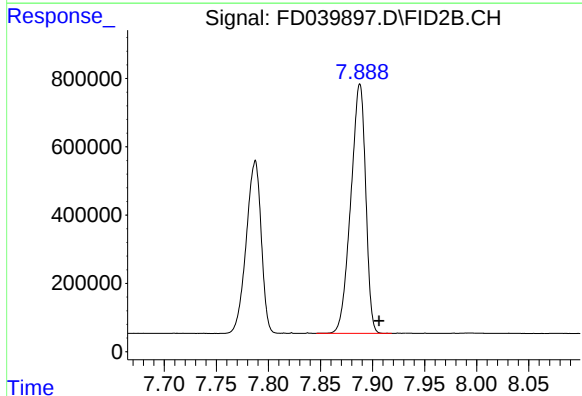
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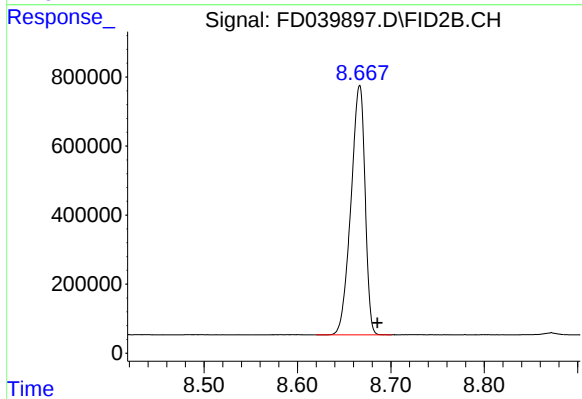
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.788 min
Delta R.T.: -0.019 min
Response: 5044204
Conc: 51.34 ug/ml



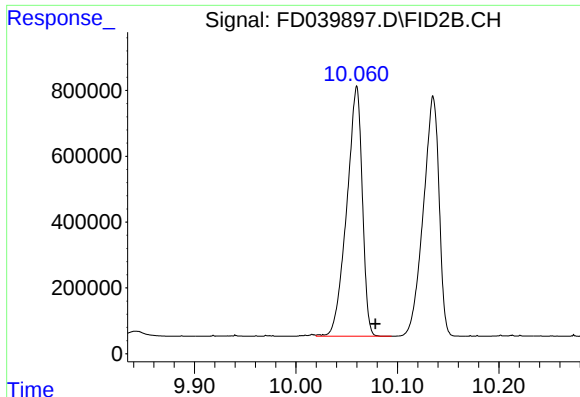
#7 Acenaphthene (C15.5)

R.T.: 7.888 min
Delta R.T.: -0.018 min
Response: 7274257
Conc: 45.78 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.667 min
Delta R.T.: -0.019 min
Response: 7588572
Conc: 48.23 ug/ml



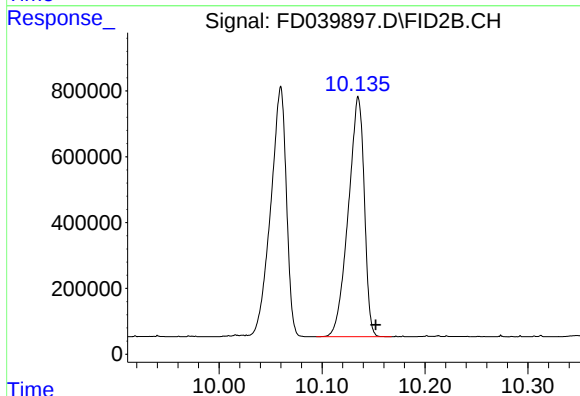
#9 Phenanthrene (C19.36)

R.T.: 10.060 min
Delta R.T.: -0.018 min
Response: 8086046
Conc: 52.11 ug/ml

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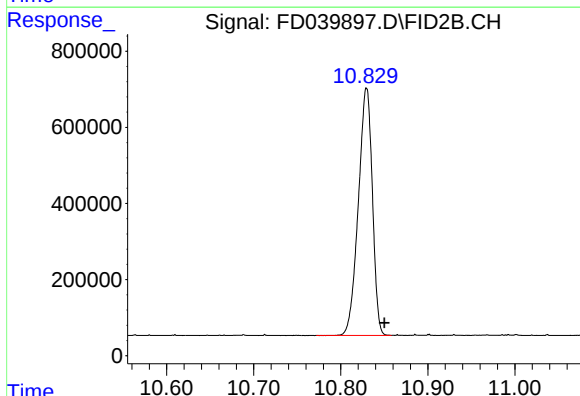
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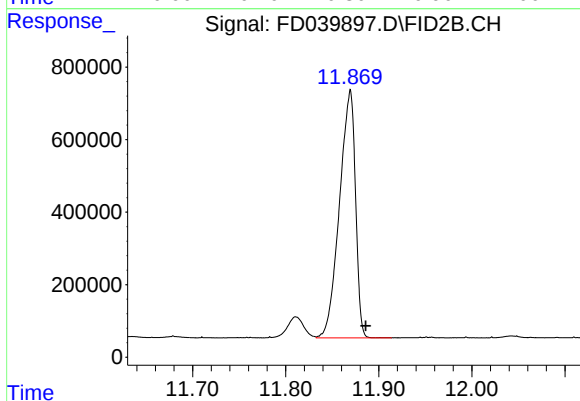
#10 Anthracene (C19.43)

R.T.: 10.135 min
Delta R.T.: -0.017 min
Response: 7858749
Conc: 52.65 ug/ml



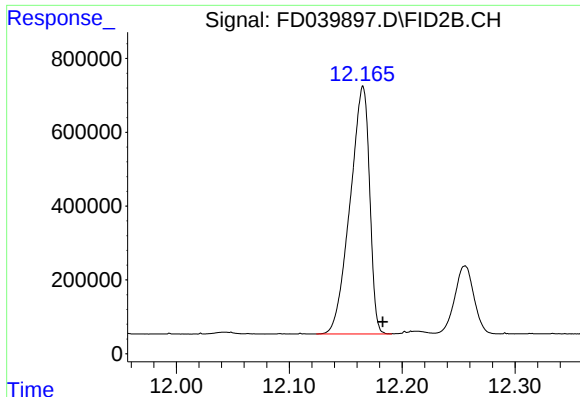
#11 ortho-Terphenyl (SURR)

R.T.: 10.830 min
Delta R.T.: -0.020 min
Response: 7282585
Conc: 47.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.869 min
Delta R.T.: -0.017 min
Response: 8146058
Conc: 53.26 ug/ml



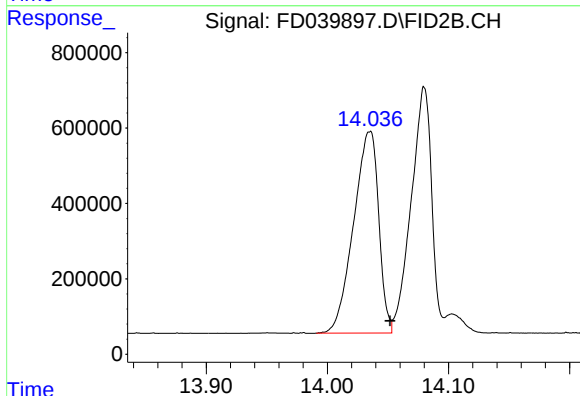
#13 Pyrene (C20.8)

R.T.: 12.165 min
Delta R.T.: -0.018 min
Response: 8054843
Conc: 54.04 ug/ml

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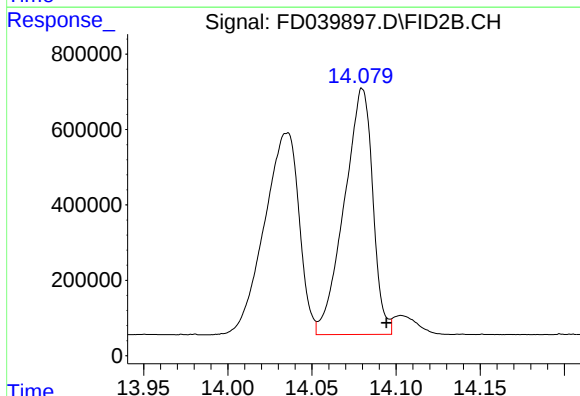
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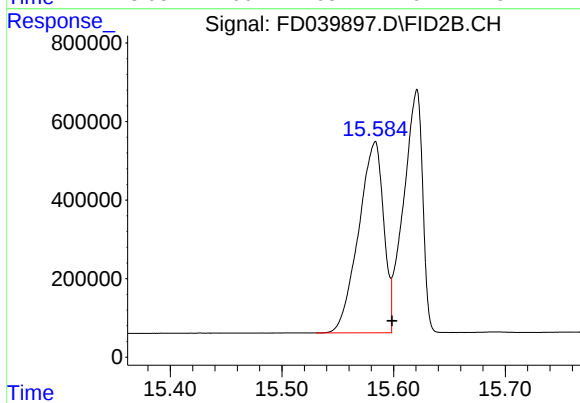
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.036 min
Delta R.T.: -0.016 min
Response: 7718005
Conc: 57.20 ug/ml m



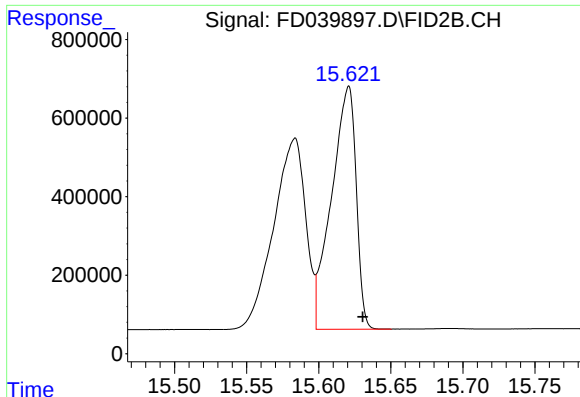
#15 Chrysene (C27.41)

R.T.: 14.079 min
Delta R.T.: -0.015 min
Response: 7714018
Conc: 54.86 ug/ml m



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

R.T.: 15.583 min
Delta R.T.: -0.015 min
Response: 7563772
Conc: 56.38 ug/ml



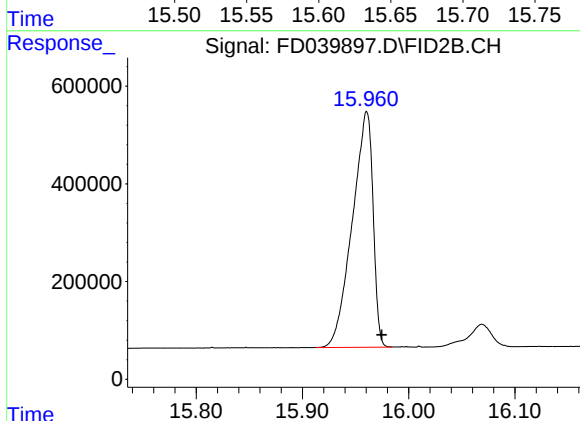
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.621 min
Delta R.T.: -0.010 min
Response: 7331206
Conc: 54.18 ug/ml

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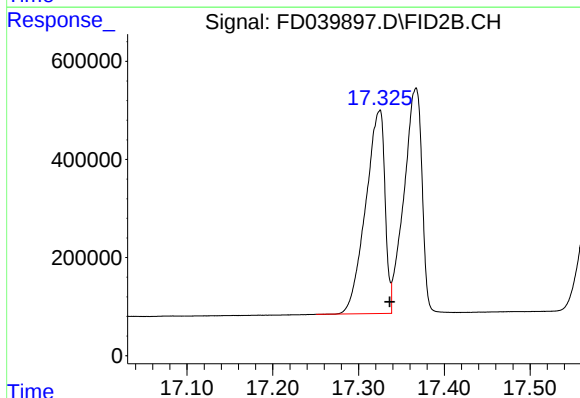
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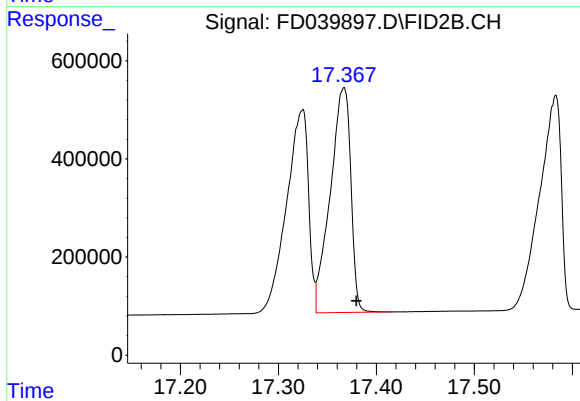
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.960 min
Delta R.T.: -0.015 min
Response: 6542919
Conc: 50.46 ug/ml m



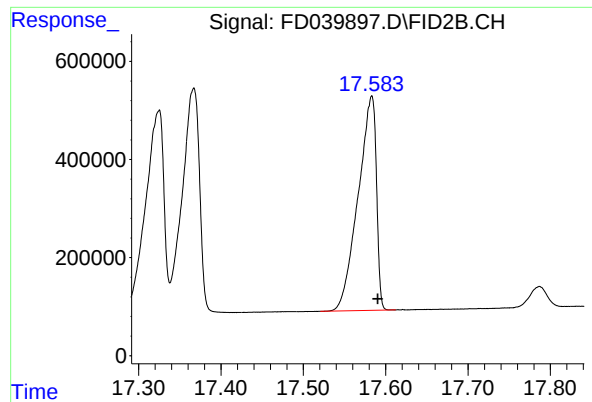
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.325 min
Delta R.T.: -0.012 min
Response: 6483380
Conc: 52.94 ug/ml



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

R.T.: 17.367 min
Delta R.T.: -0.013 min
Response: 6679140
Conc: 54.47 ug/ml



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

R.T.: 17.583 min
Delta R.T.: -0.008 min
Response: 6727854
Conc: 53.86 ug/ml

Instrument :

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