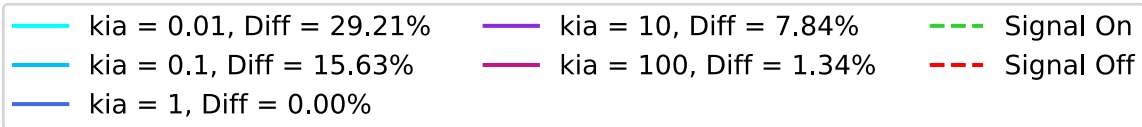
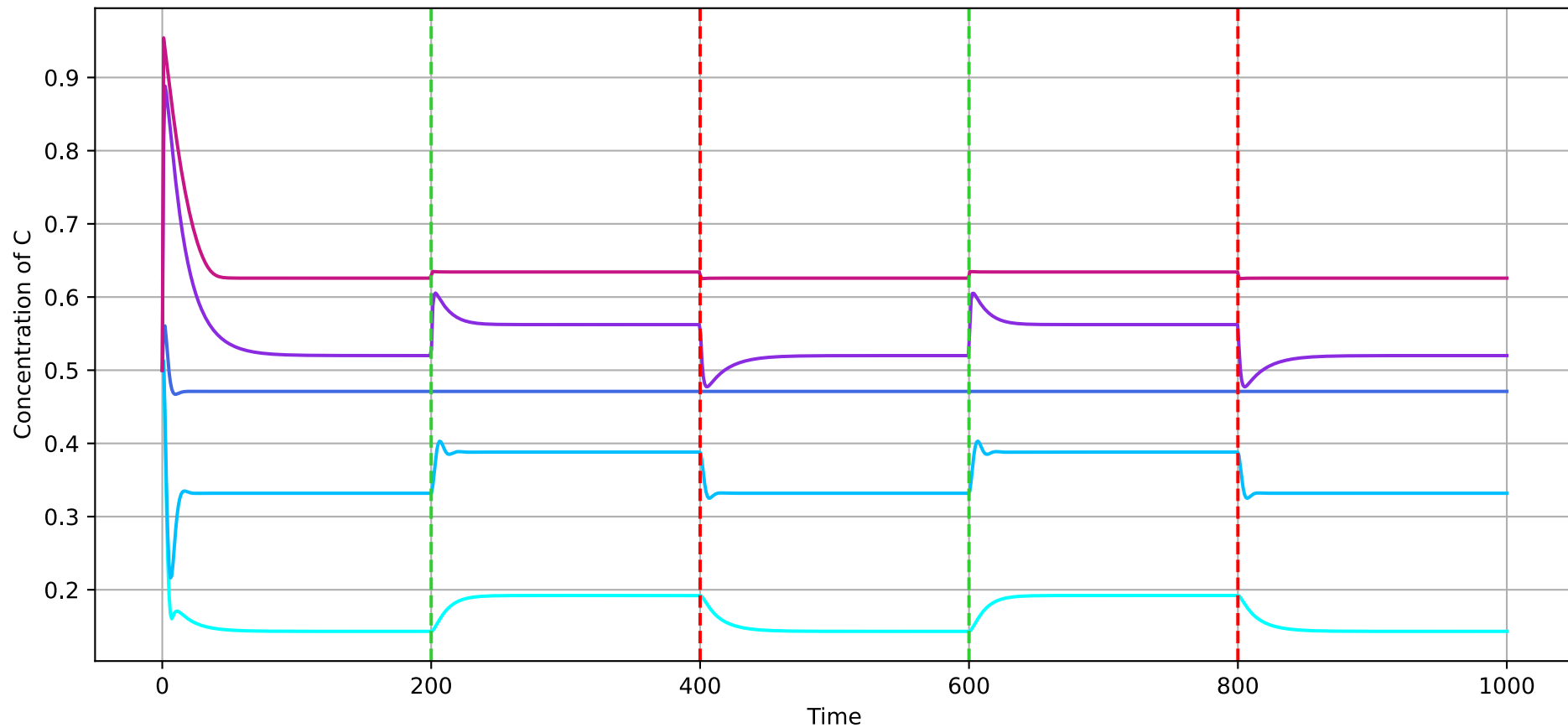
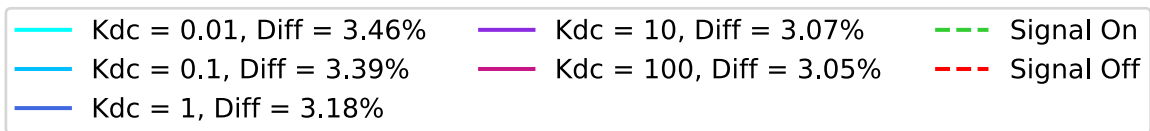
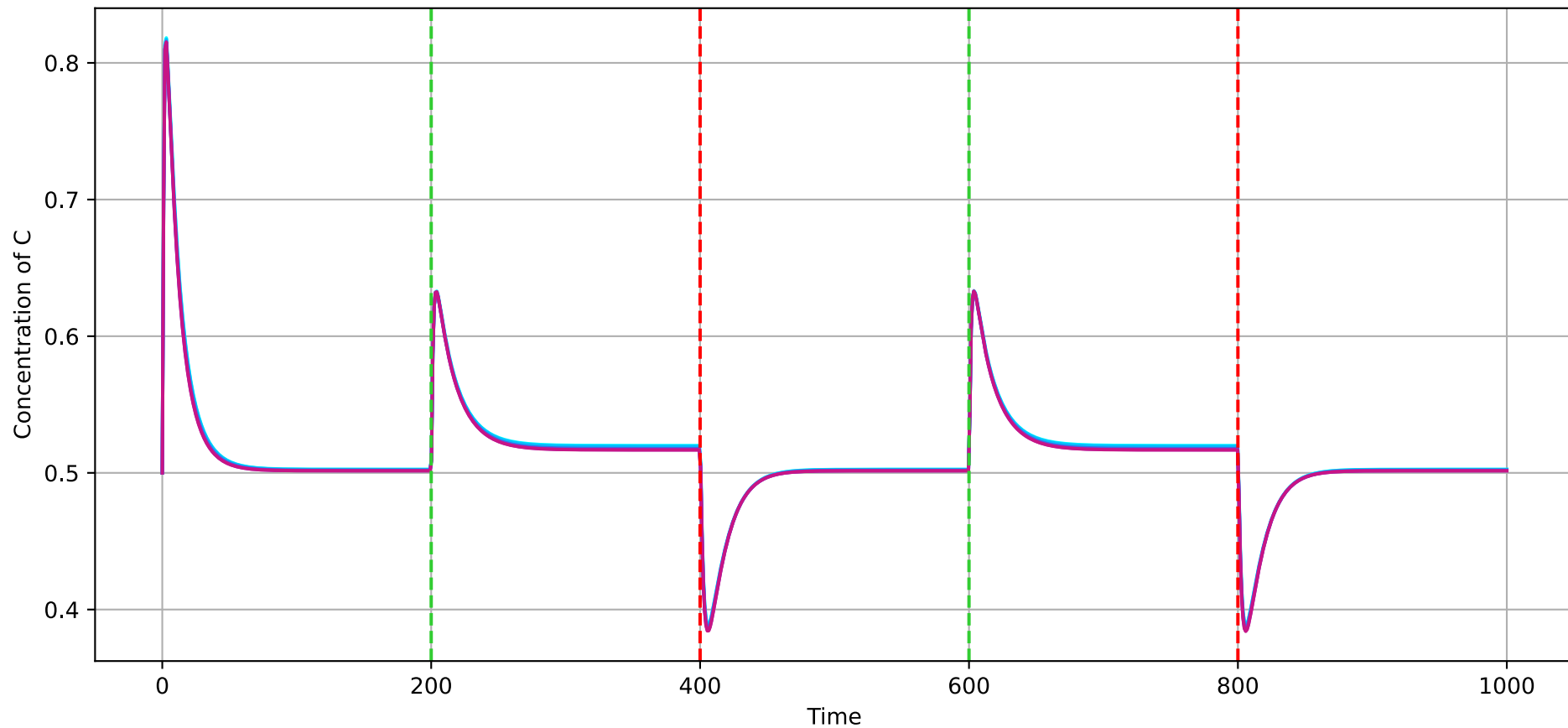


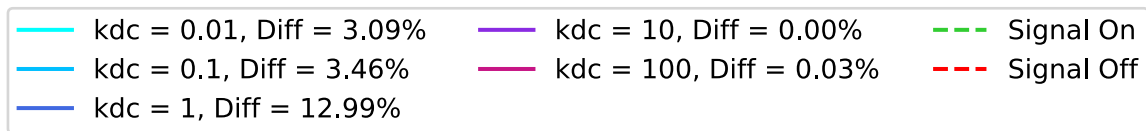
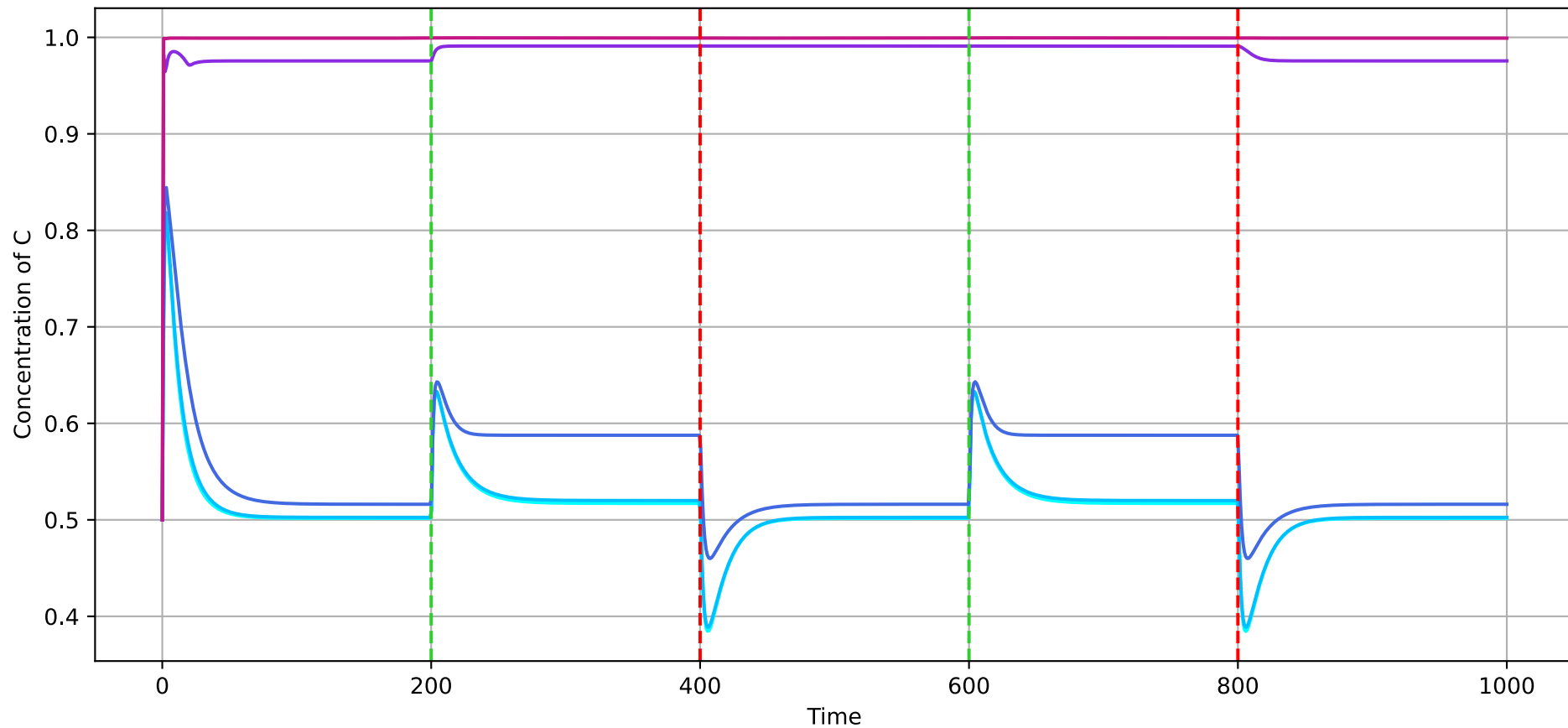
Concentration of C over Time



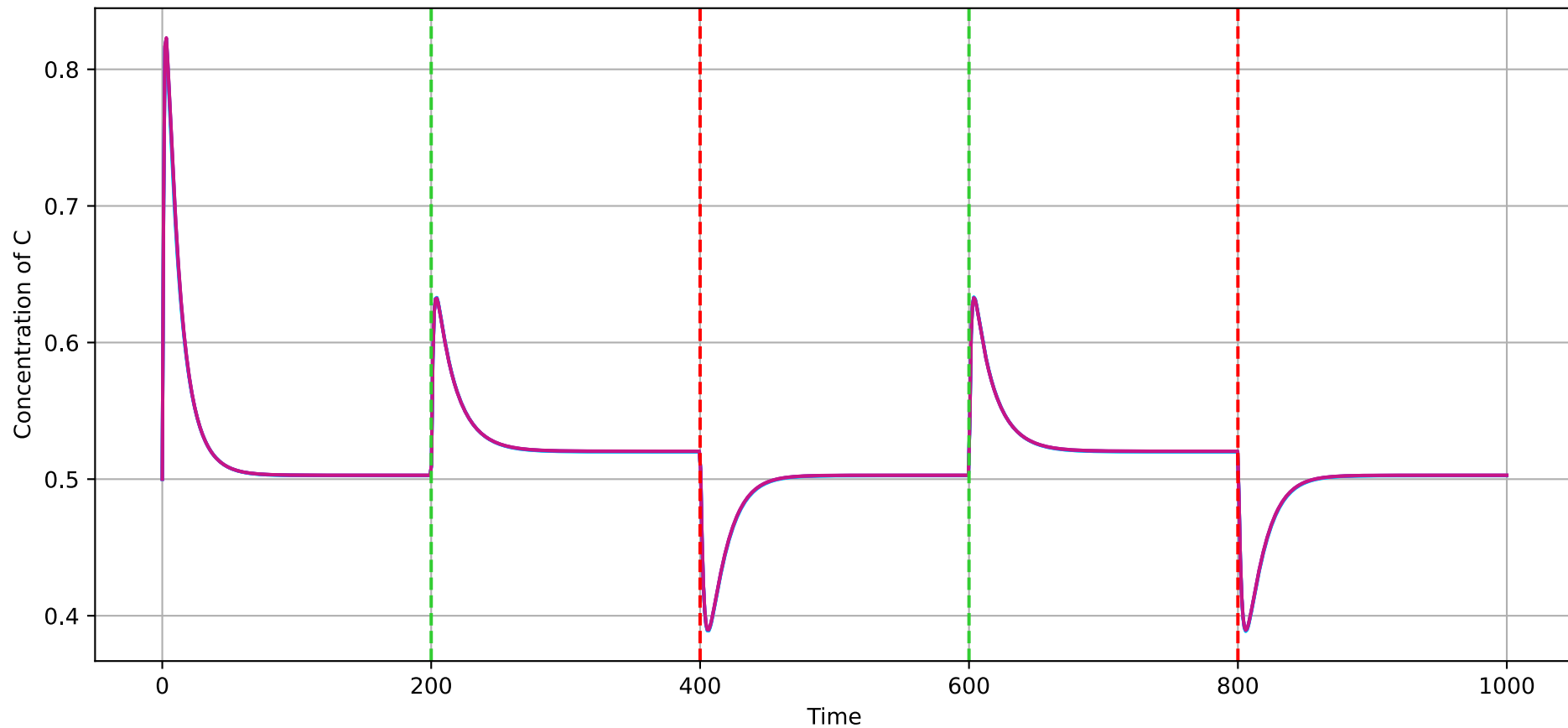
Concentration of C over Time



Concentration of C over Time

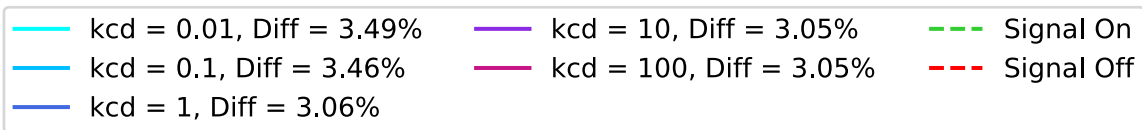
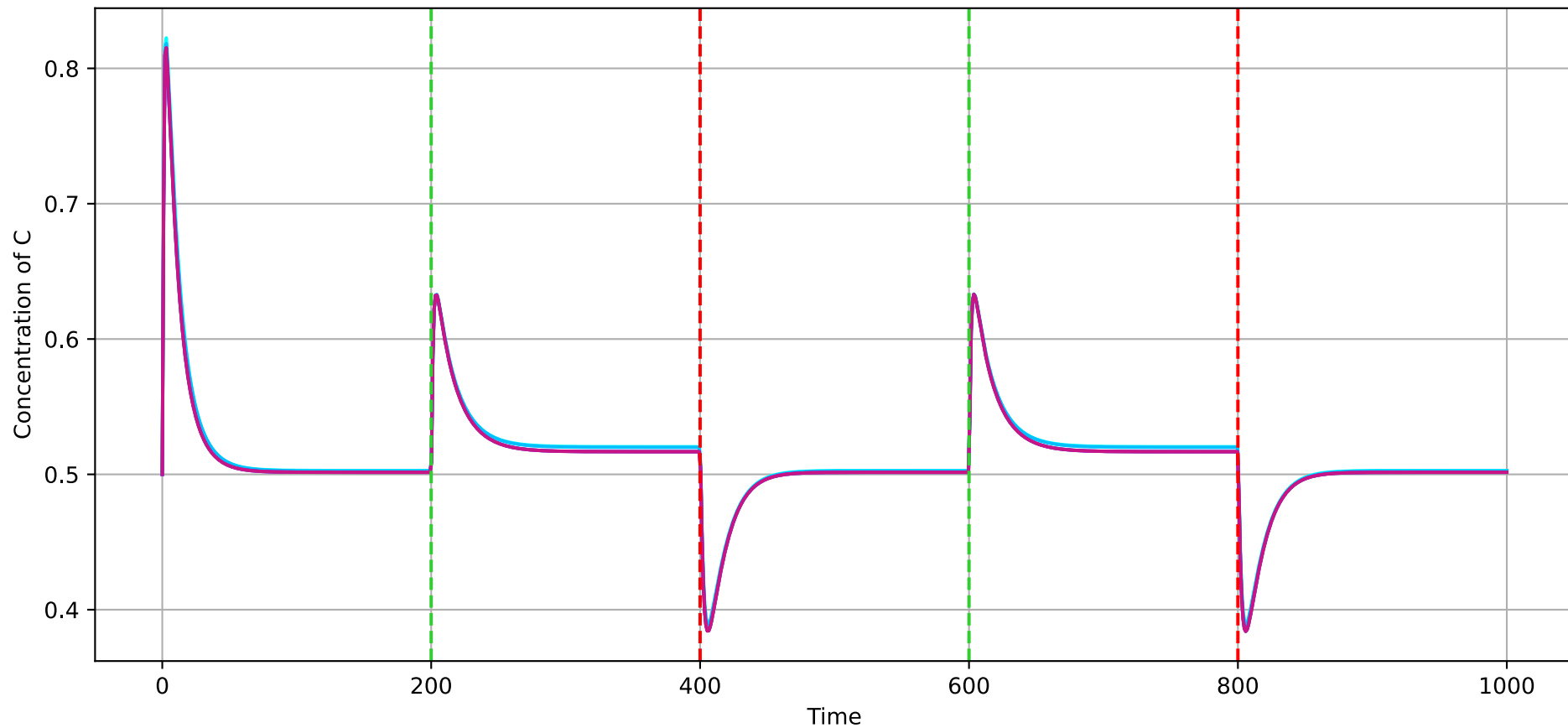


Concentration of C over Time

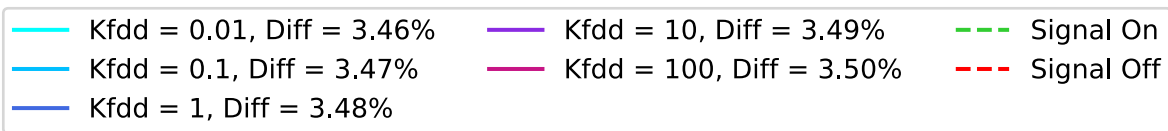
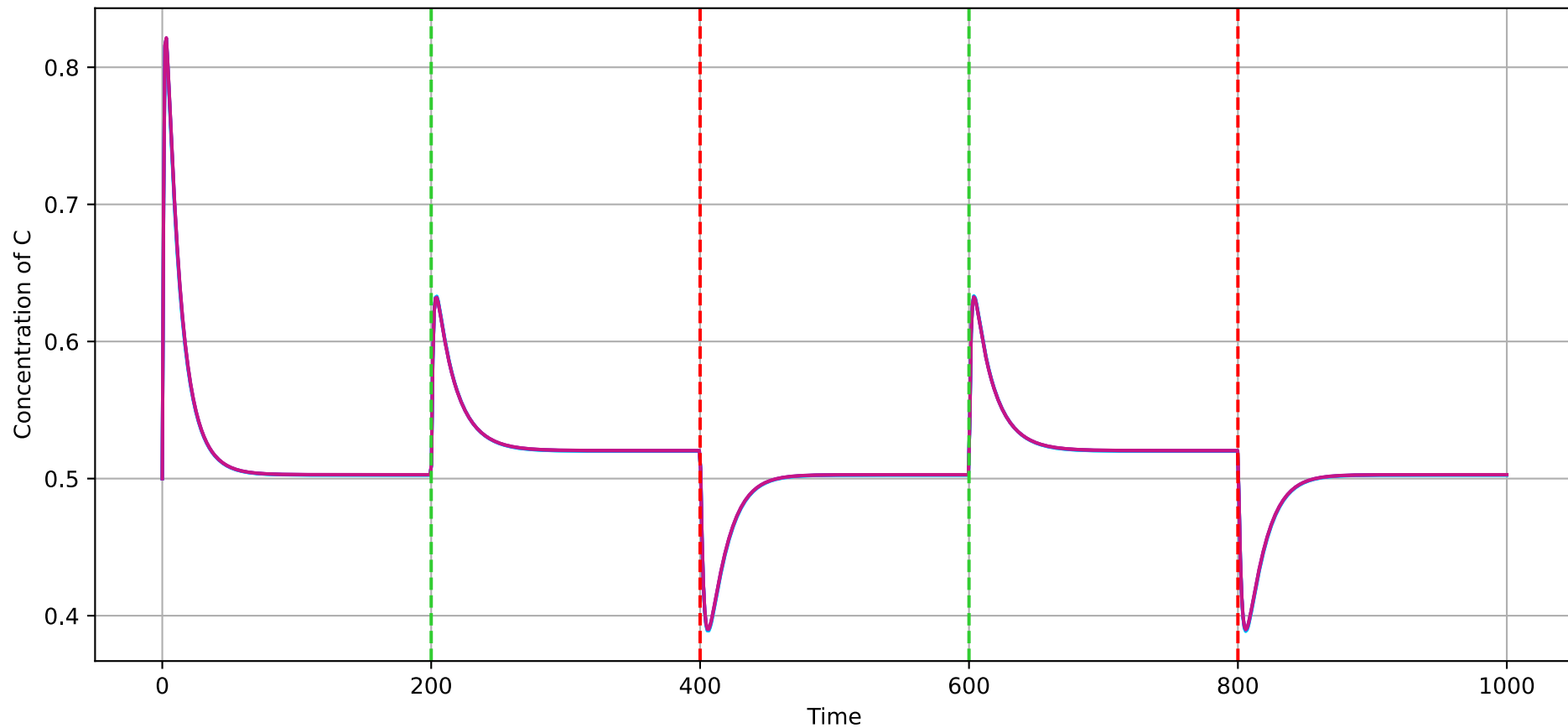


$K_{cd} = 0.01$, Diff = 3.46%	$K_{cd} = 10$, Diff = 3.49%	Signal On
$K_{cd} = 0.1$, Diff = 3.47%	$K_{cd} = 100$, Diff = 3.50%	Signal Off
$K_{cd} = 1$, Diff = 3.48%		

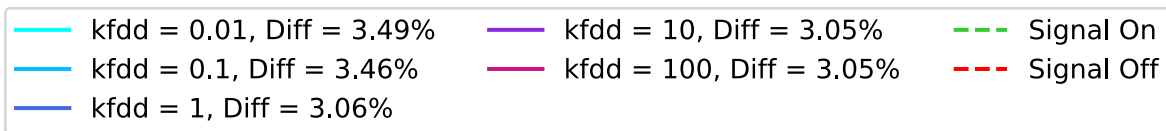
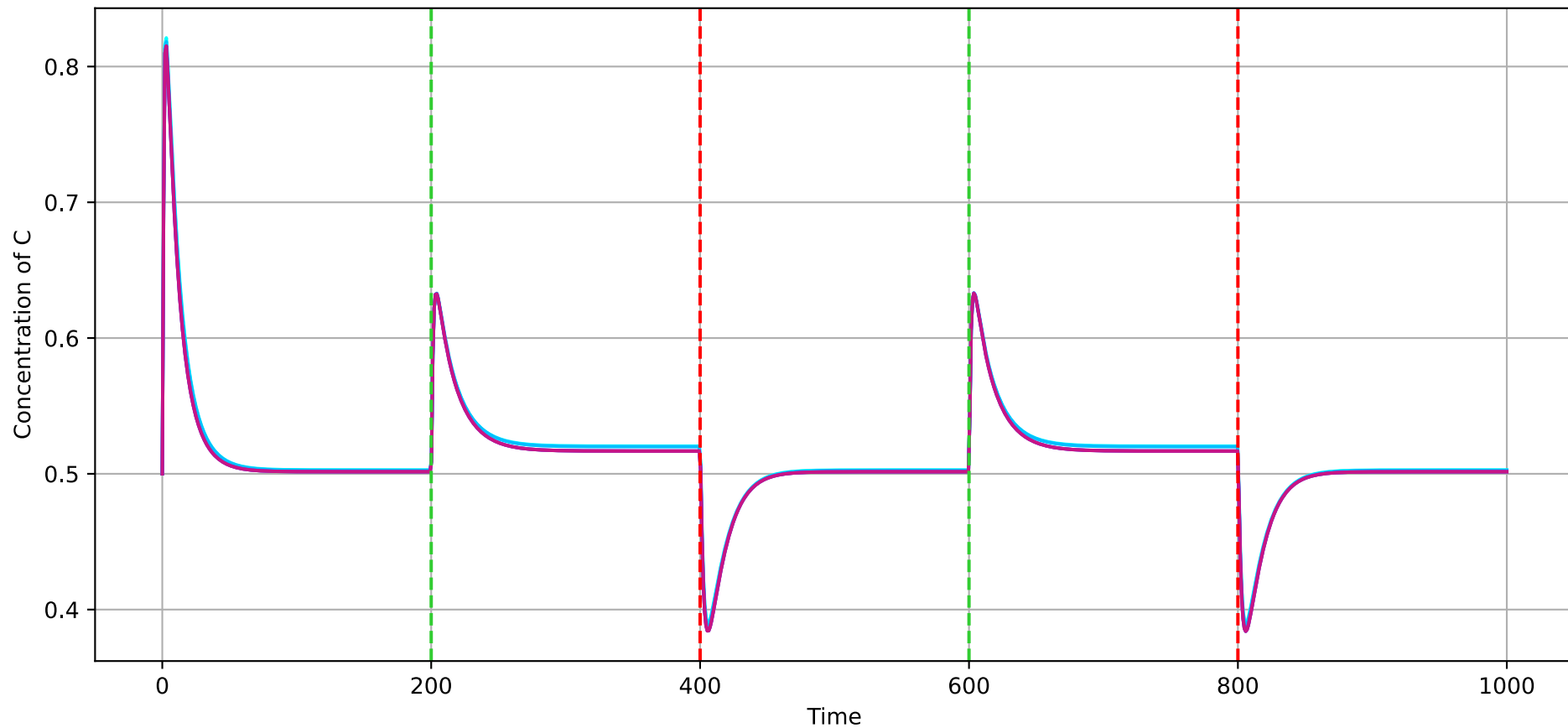
Concentration of C over Time



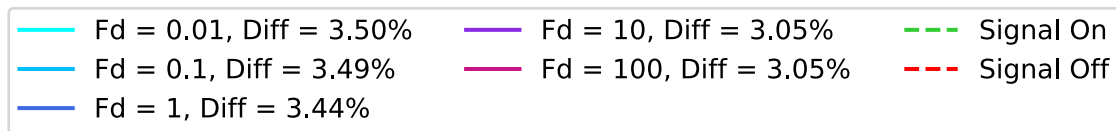
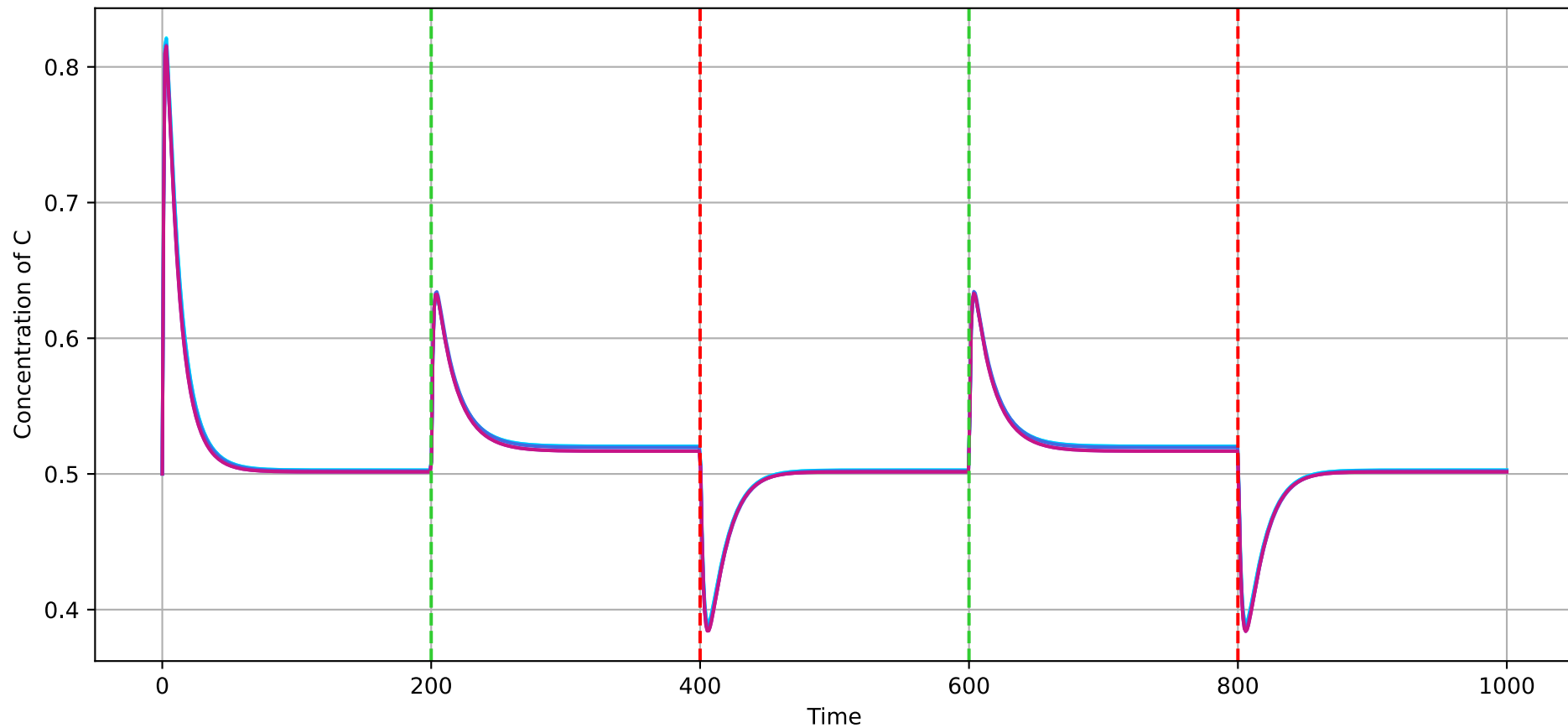
Concentration of C over Time



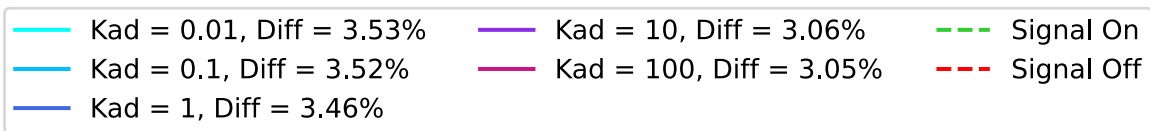
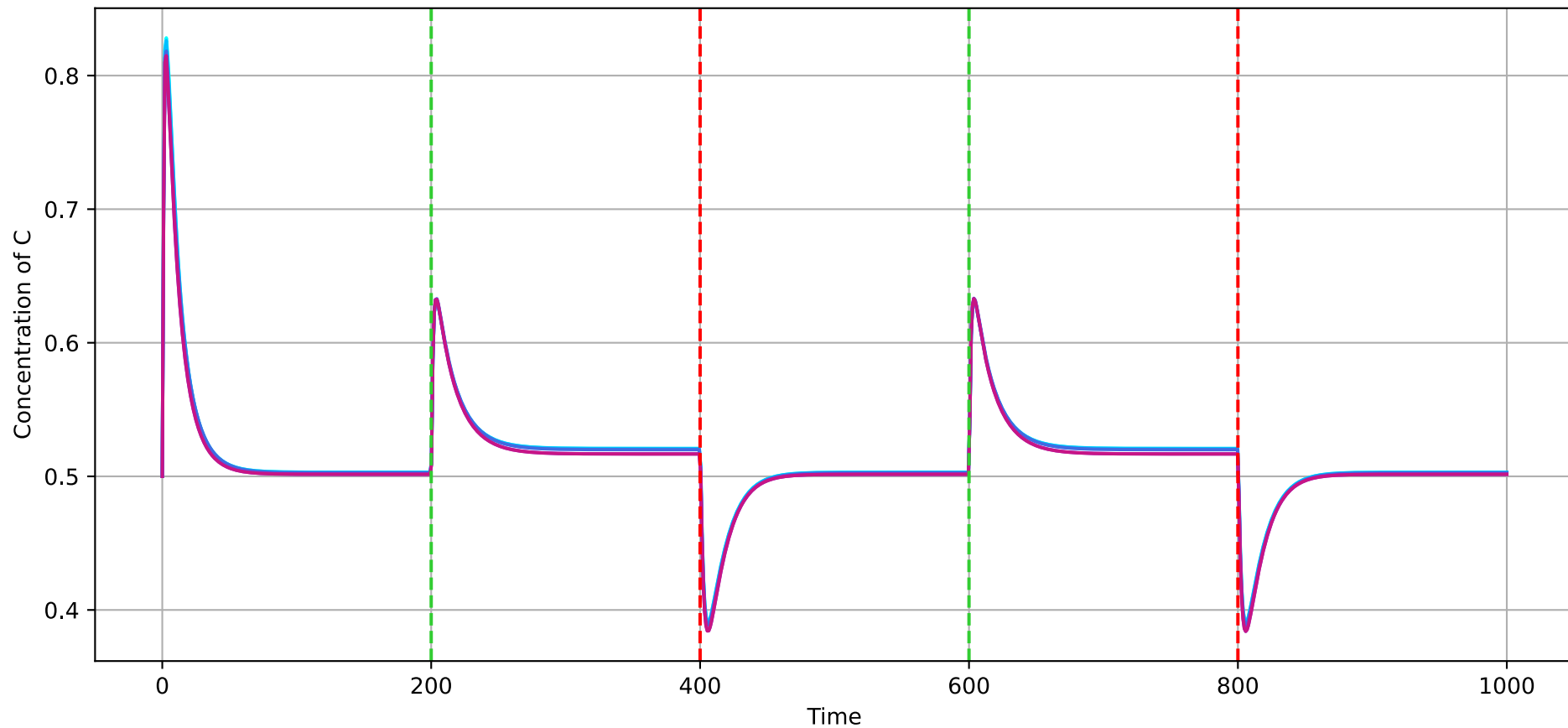
Concentration of C over Time



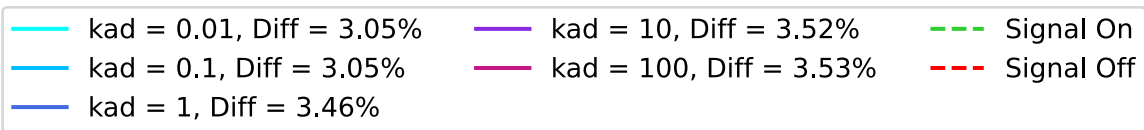
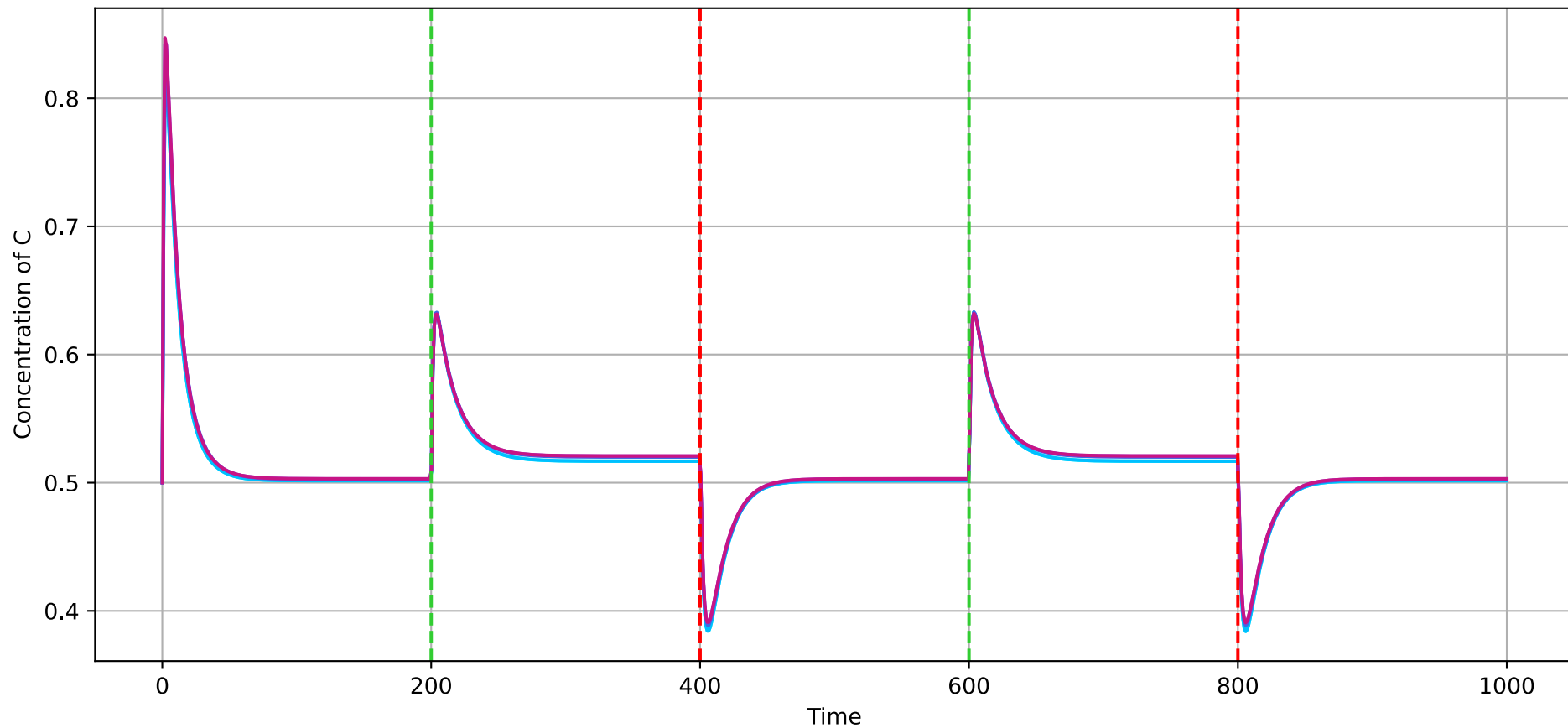
Concentration of C over Time



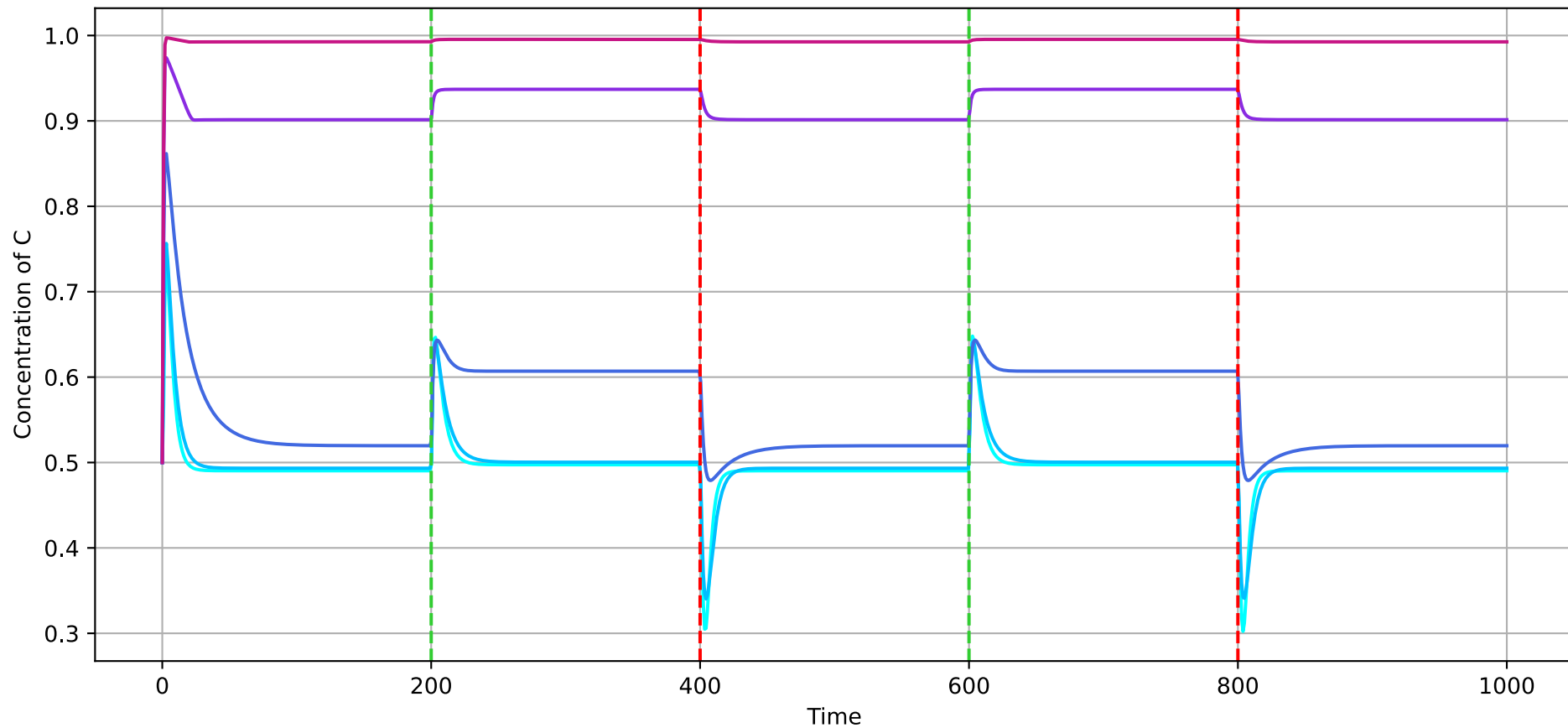
Concentration of C over Time



Concentration of C over Time



Concentration of C over Time



$K_{bc} = 0.01$, Diff = 1.43%

$K_{bc} = 0.1$, Diff = 1.42%

$K_{bc} = 1$, Diff = 15.53%

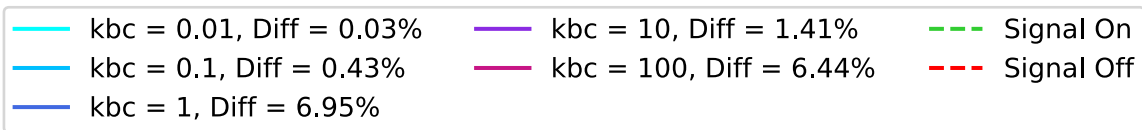
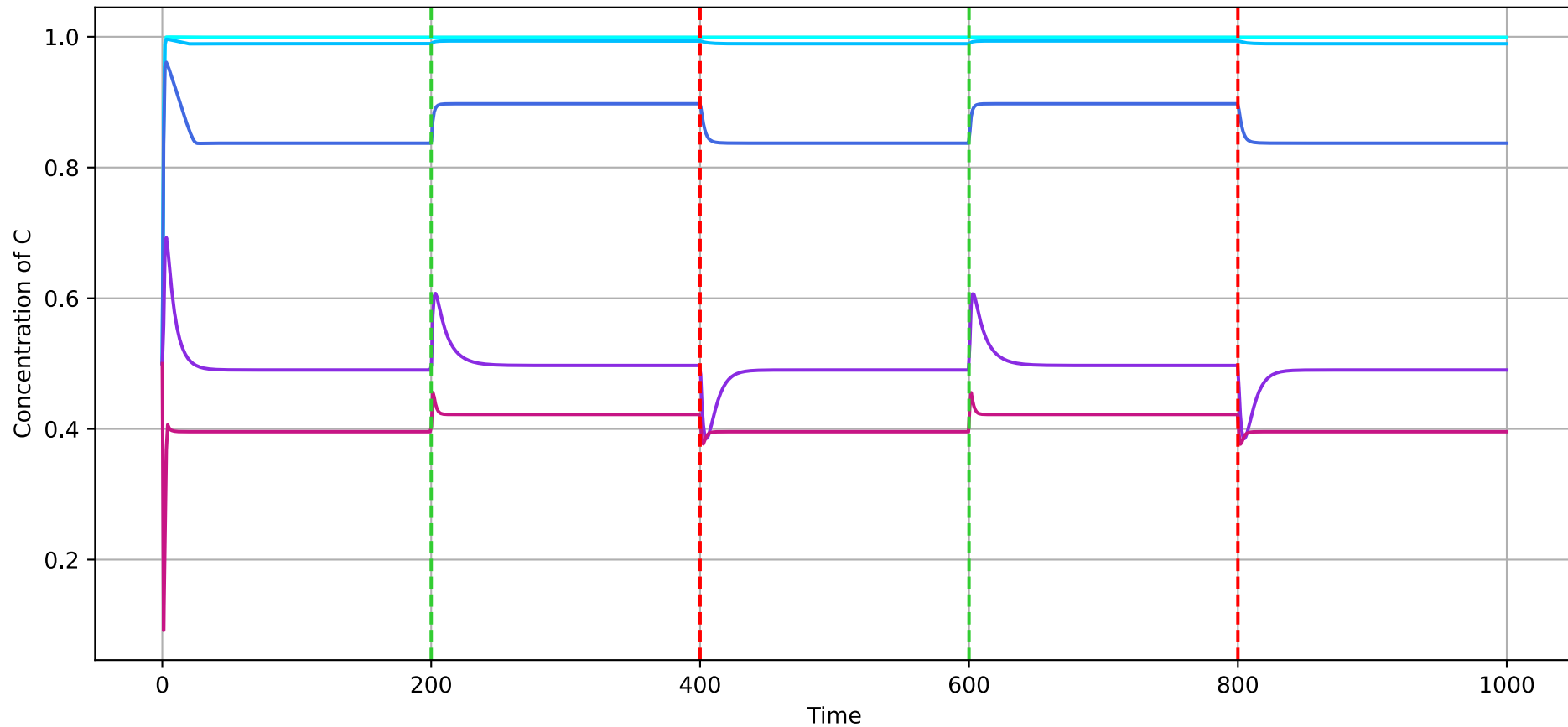
$K_{bc} = 10$, Diff = 3.87%

$K_{bc} = 100$, Diff = 0.29%

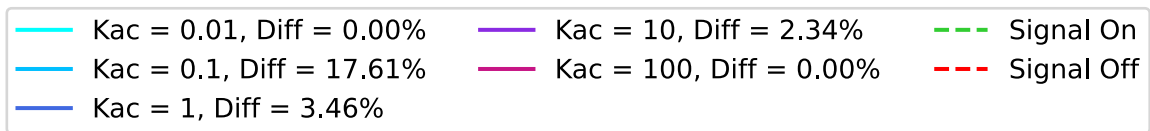
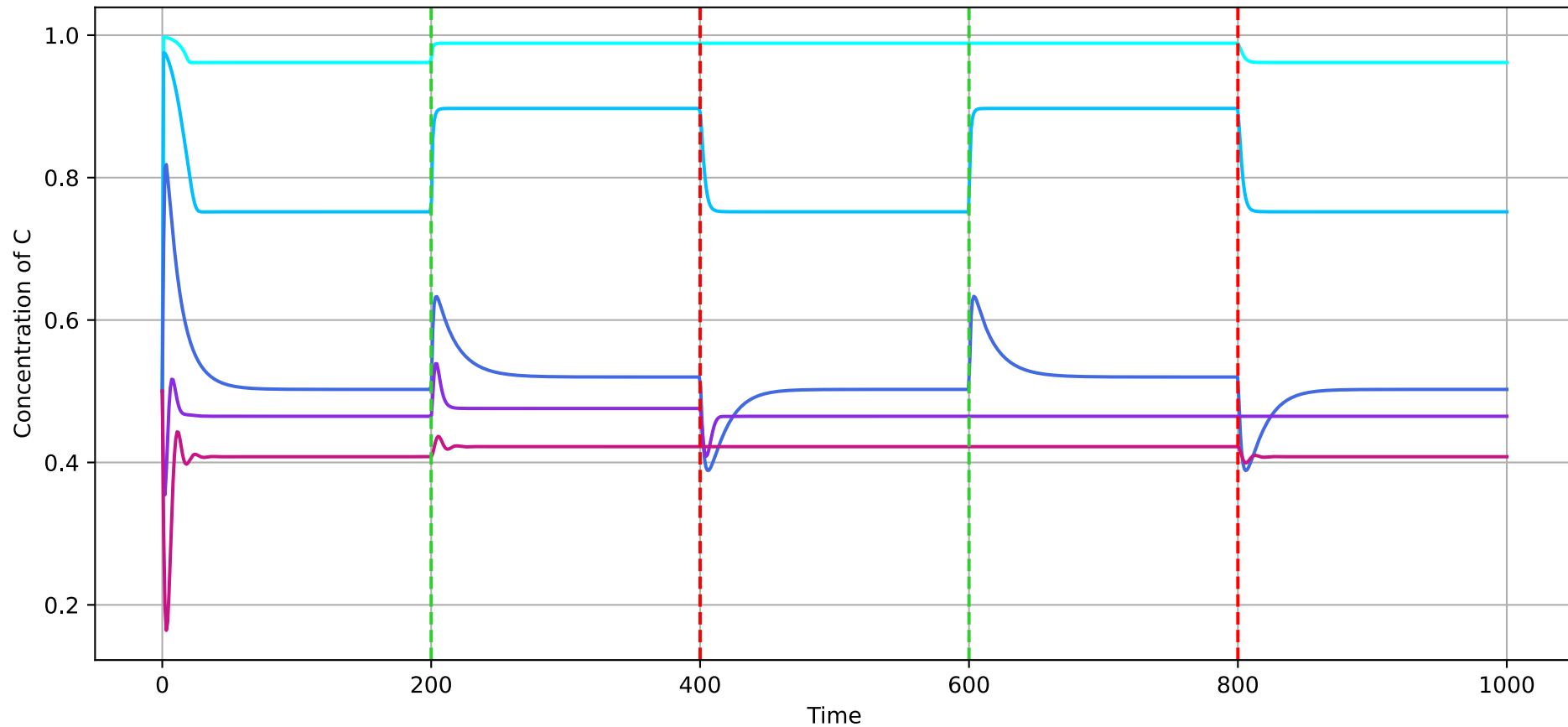
Signal On

Signal Off

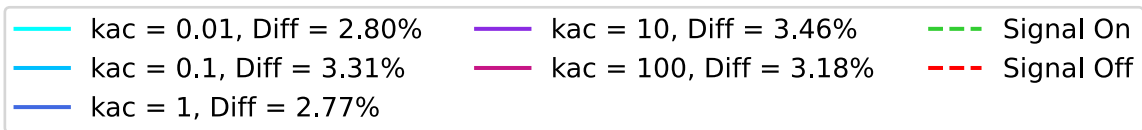
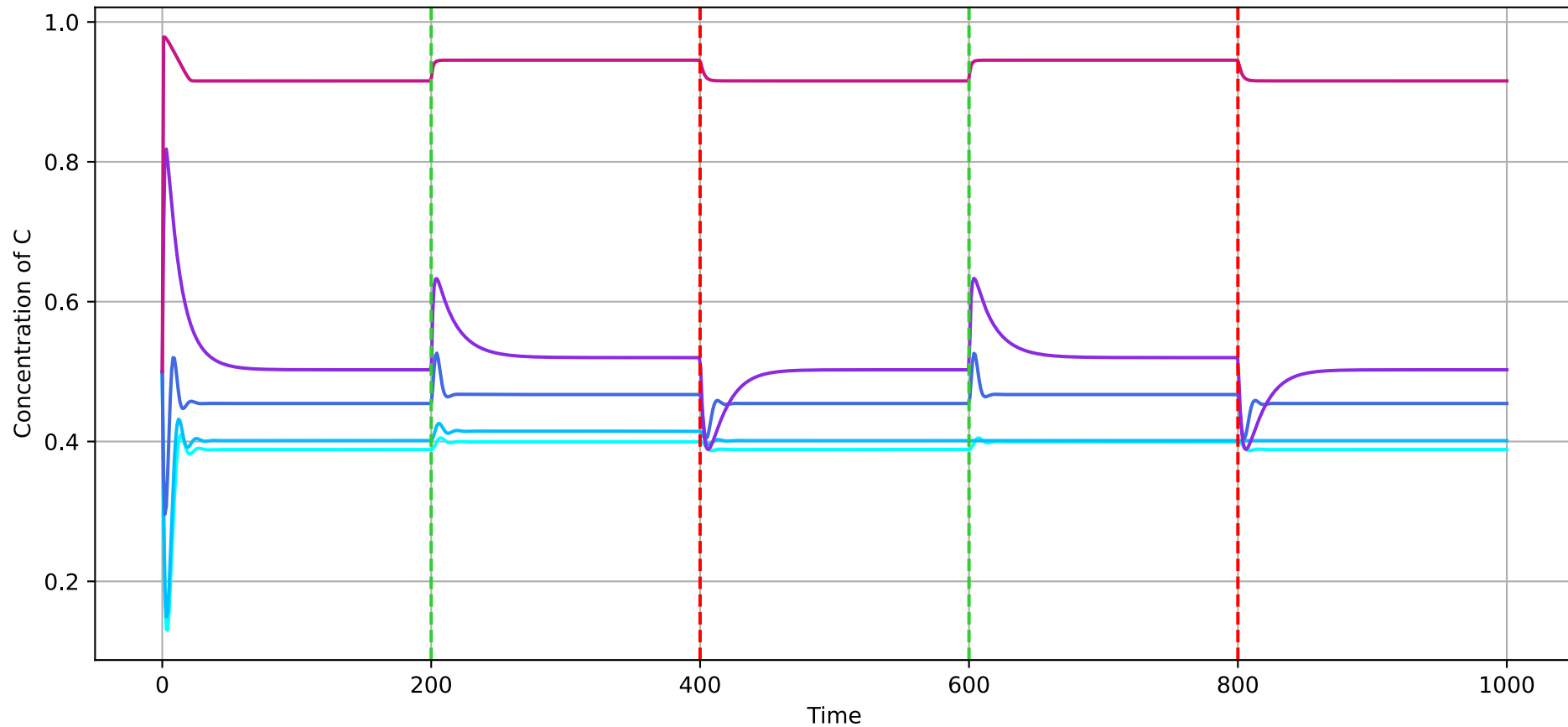
Concentration of C over Time



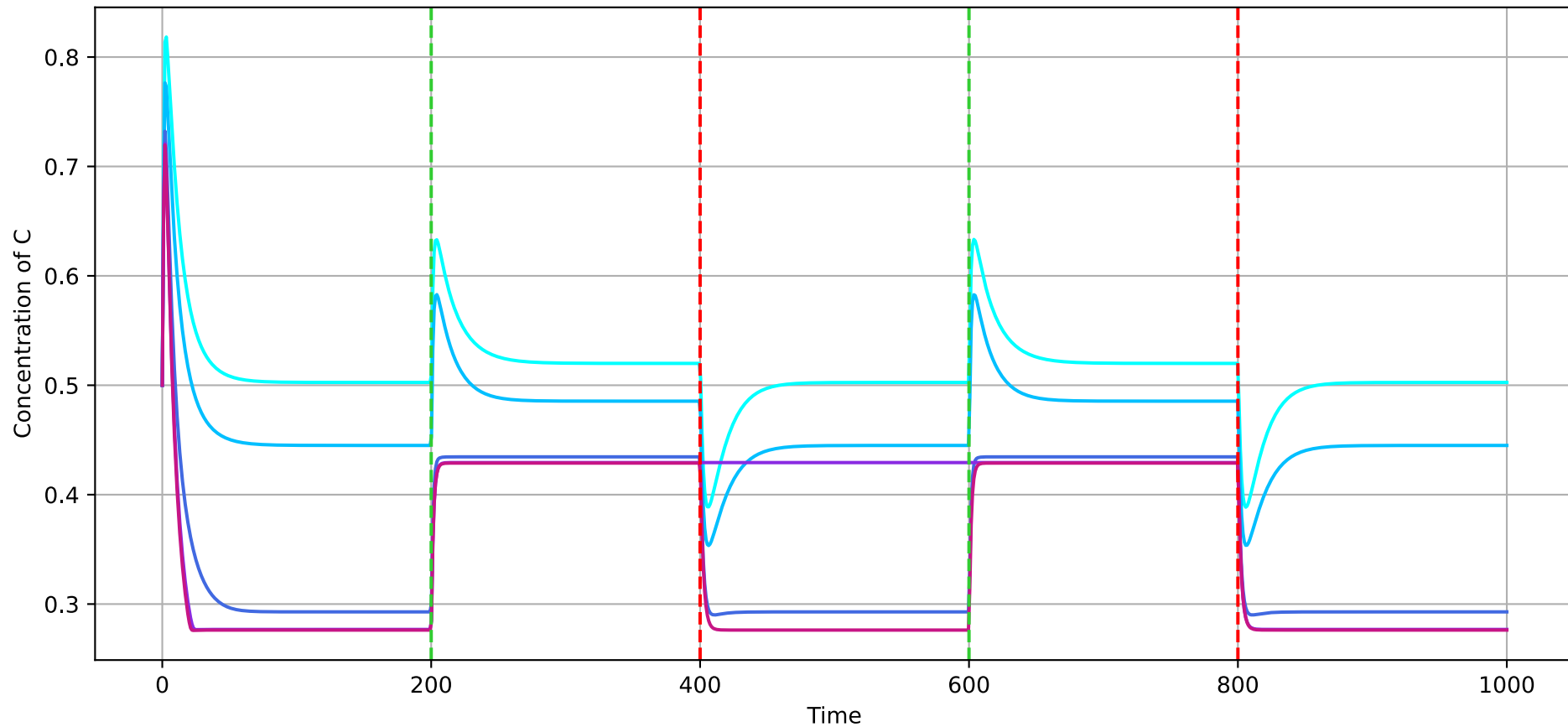
Concentration of C over Time



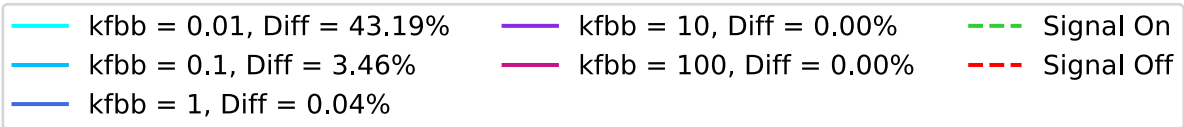
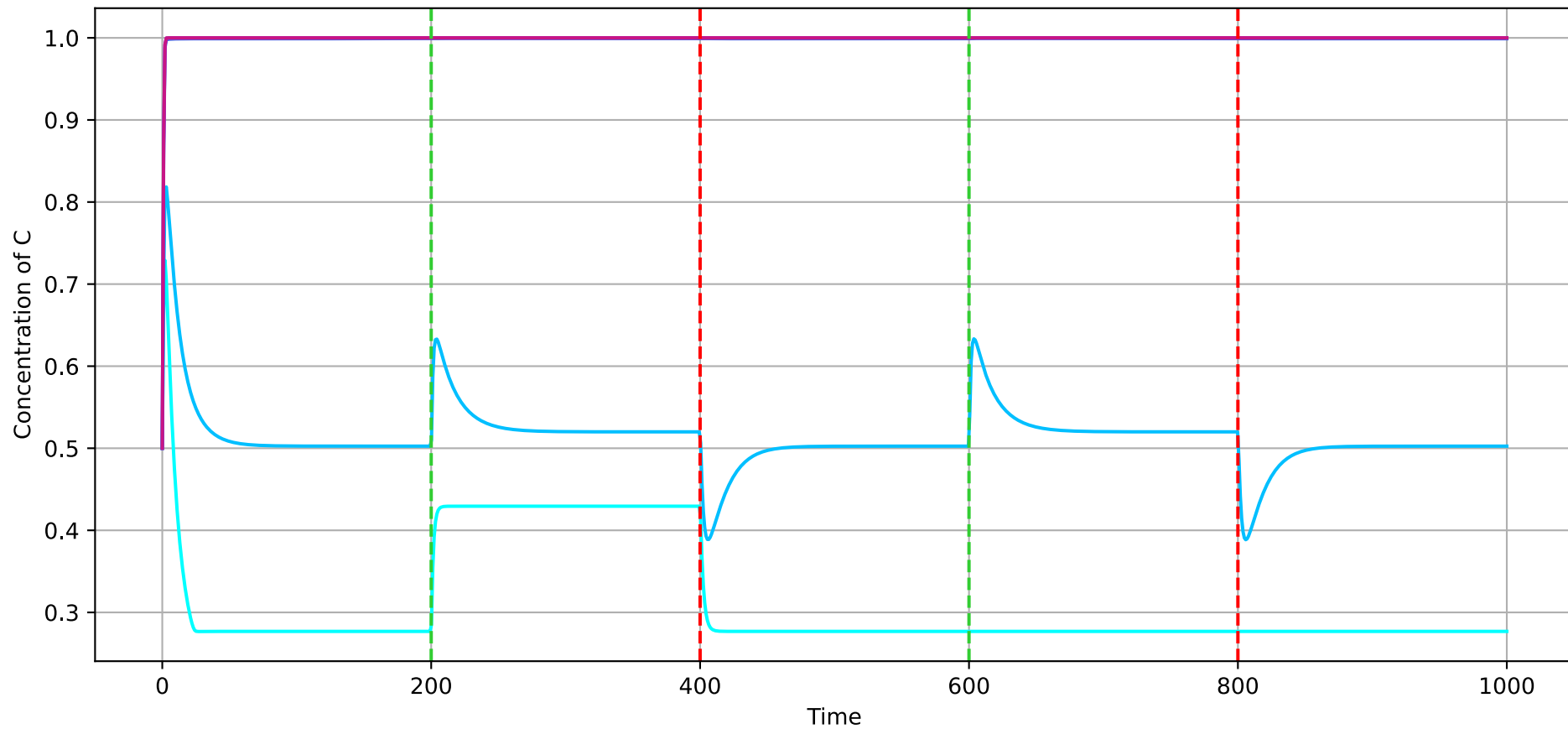
Concentration of C over Time



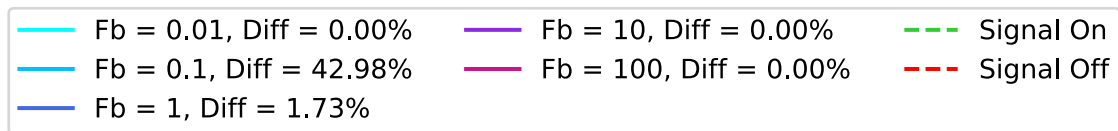
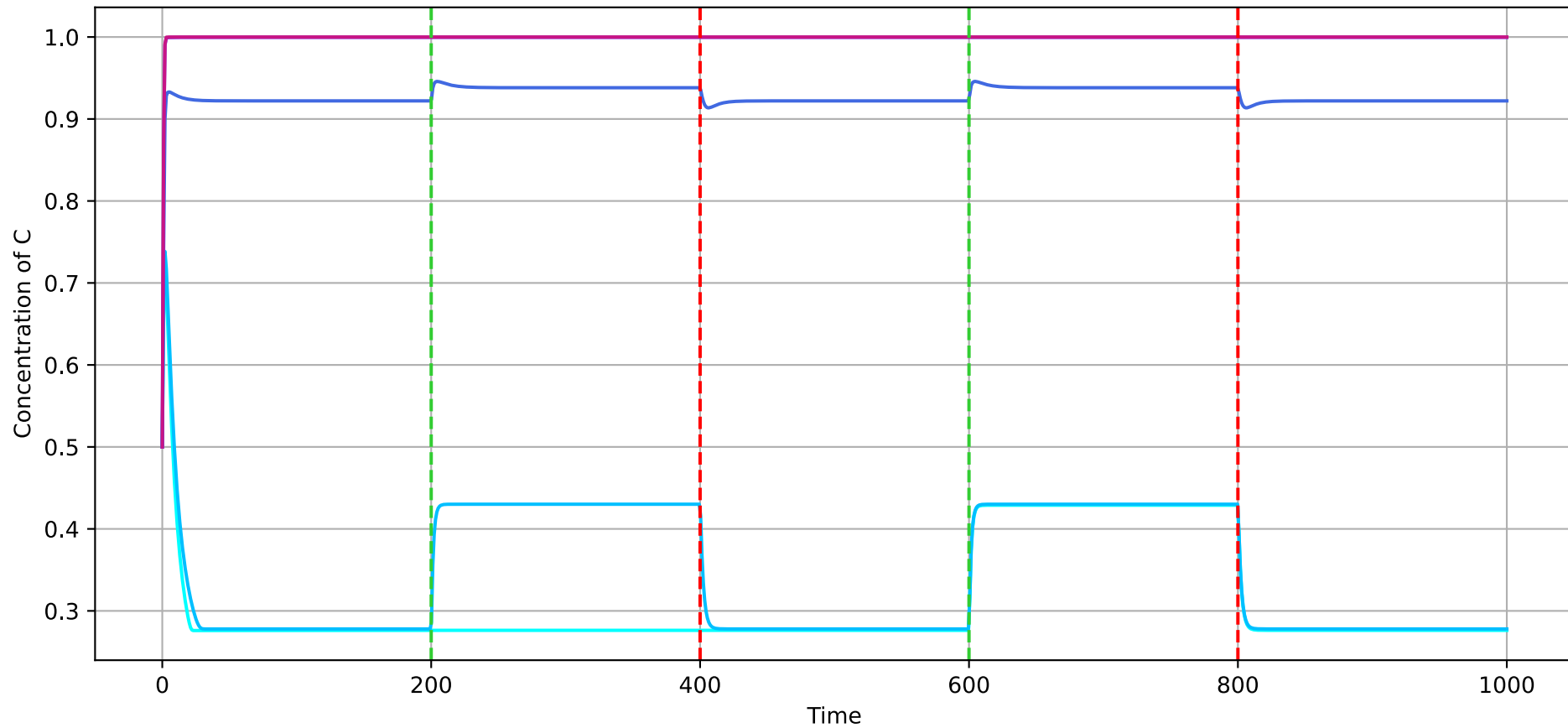
Concentration of C over Time



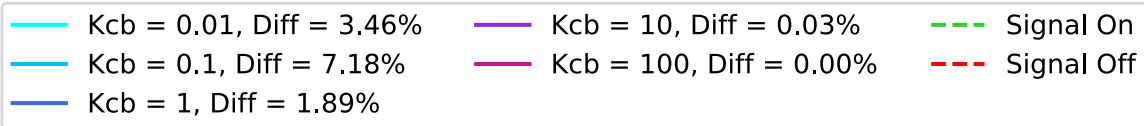
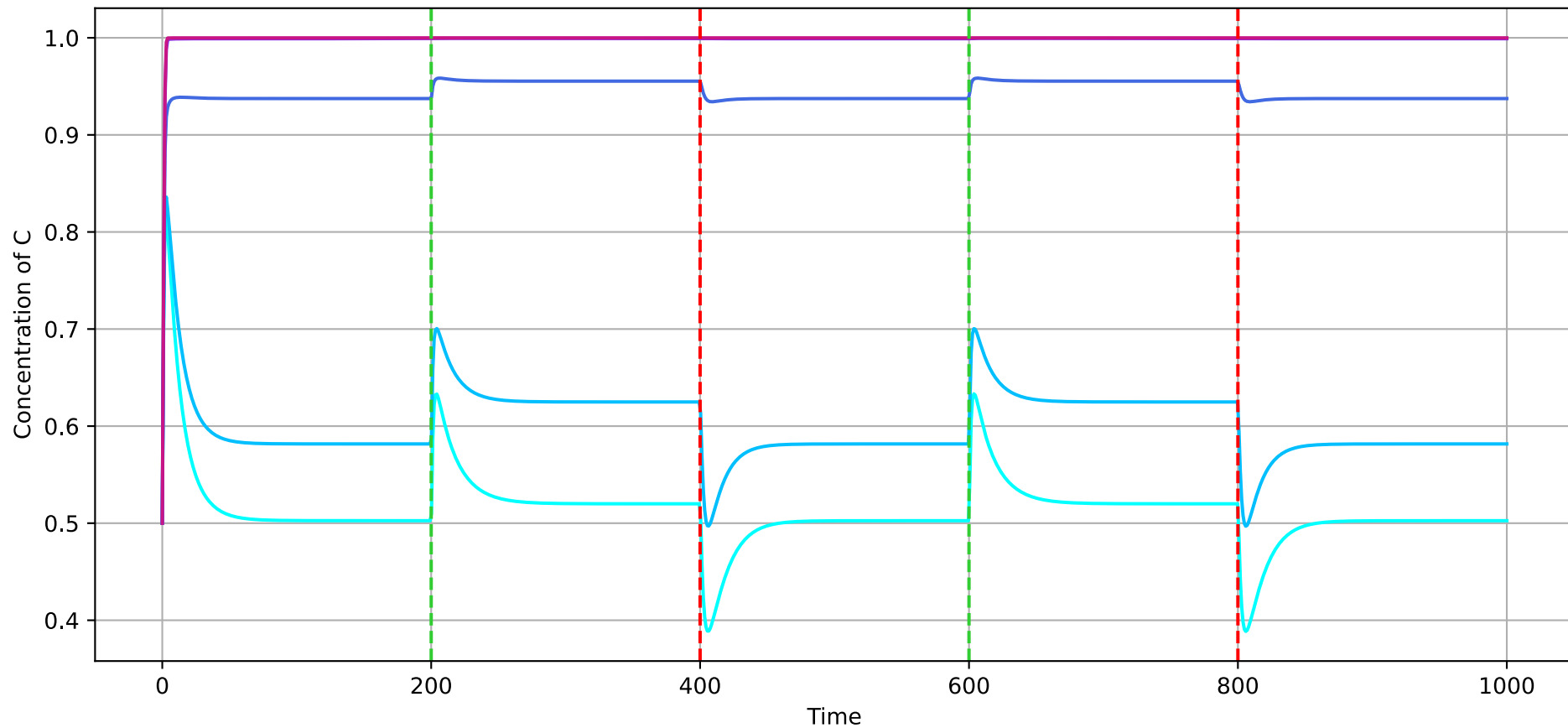
Concentration of C over Time



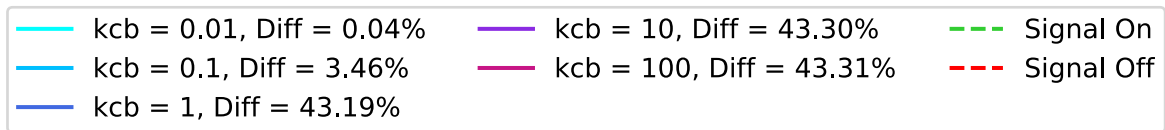
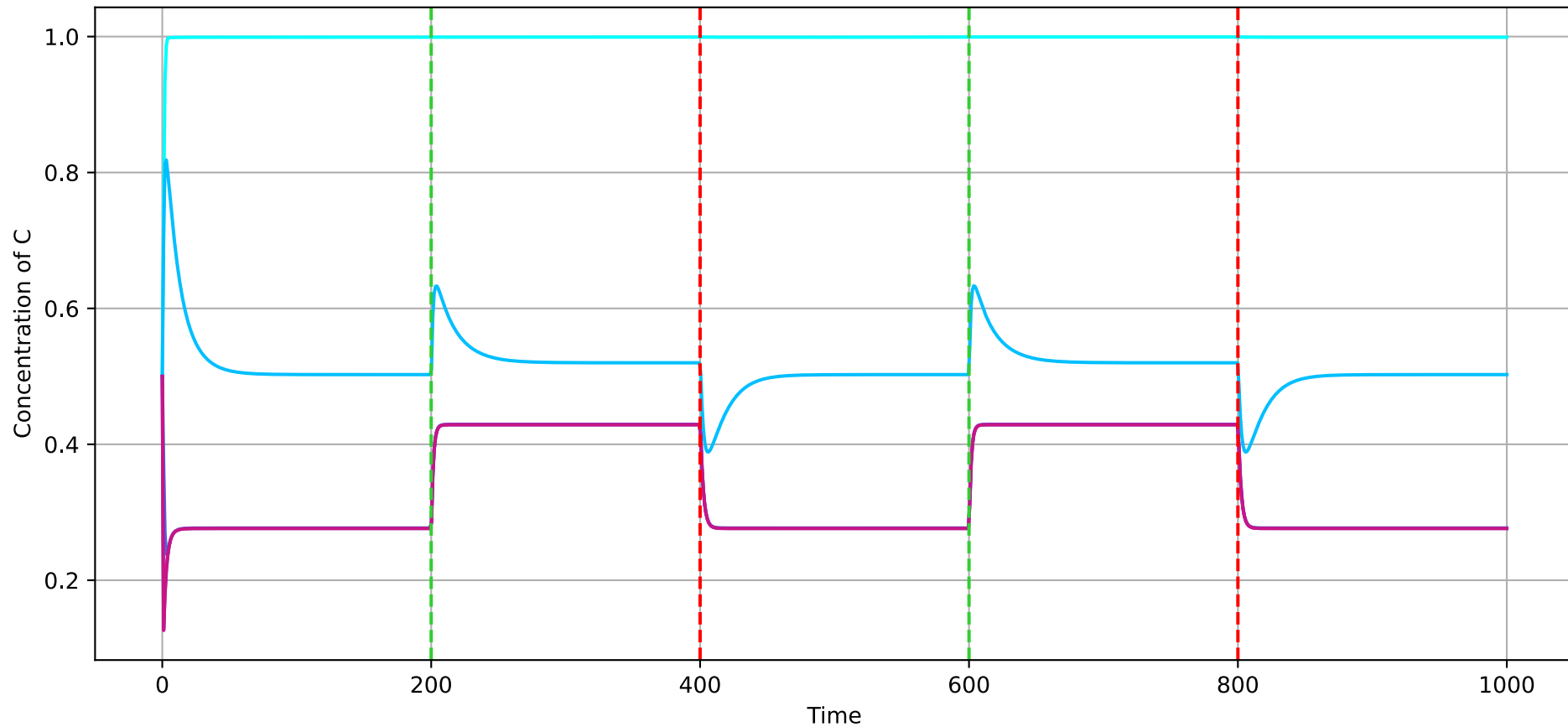
Concentration of C over Time



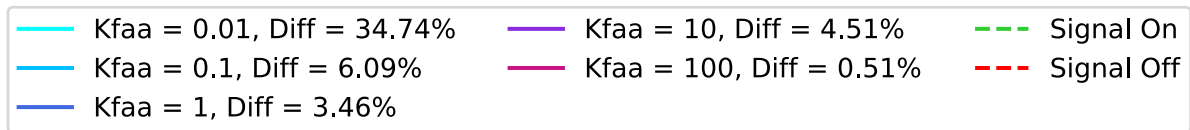
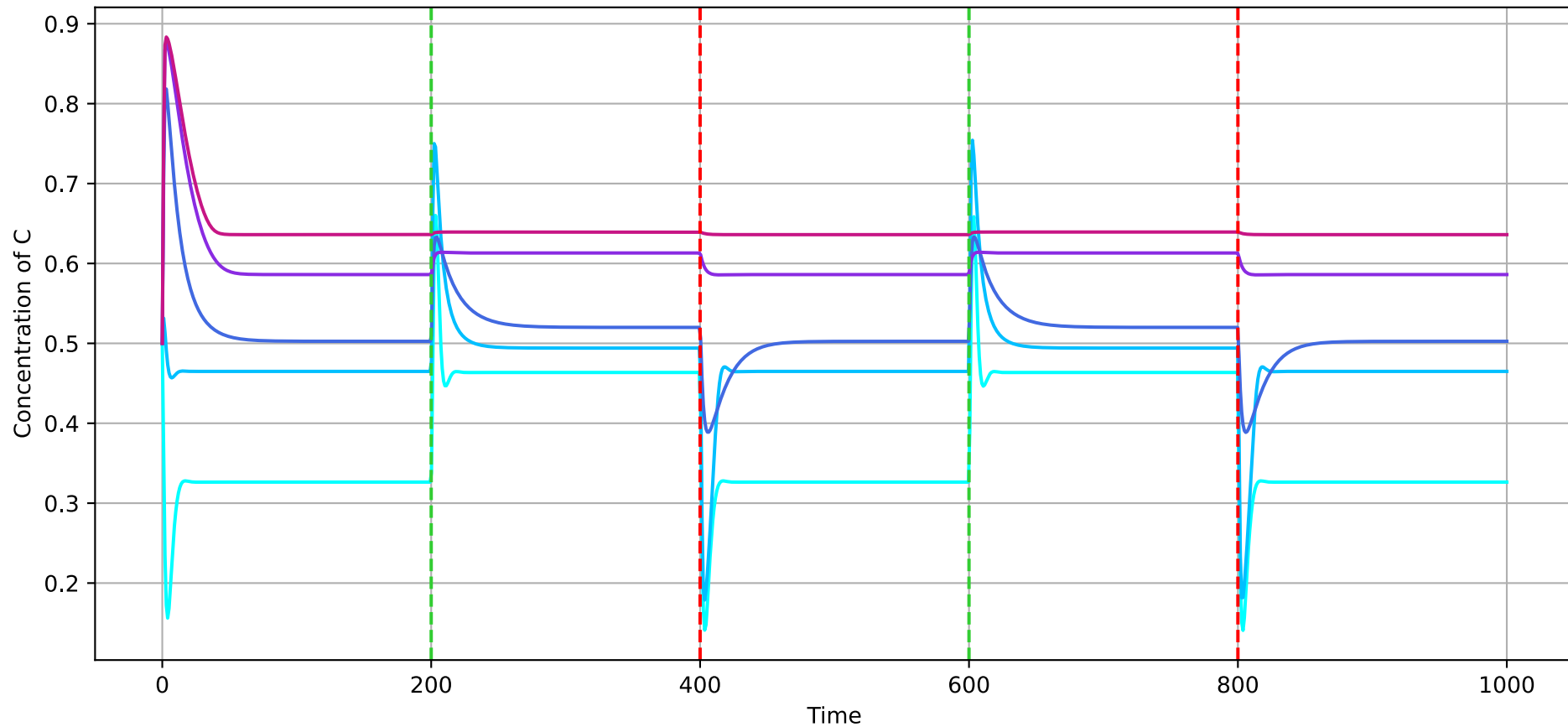
Concentration of C over Time



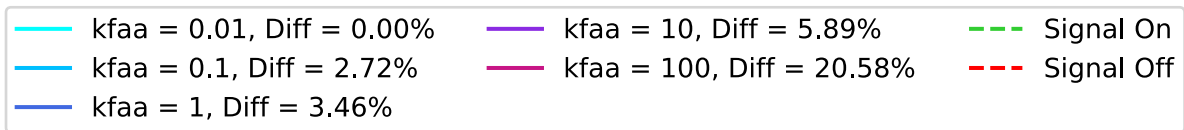
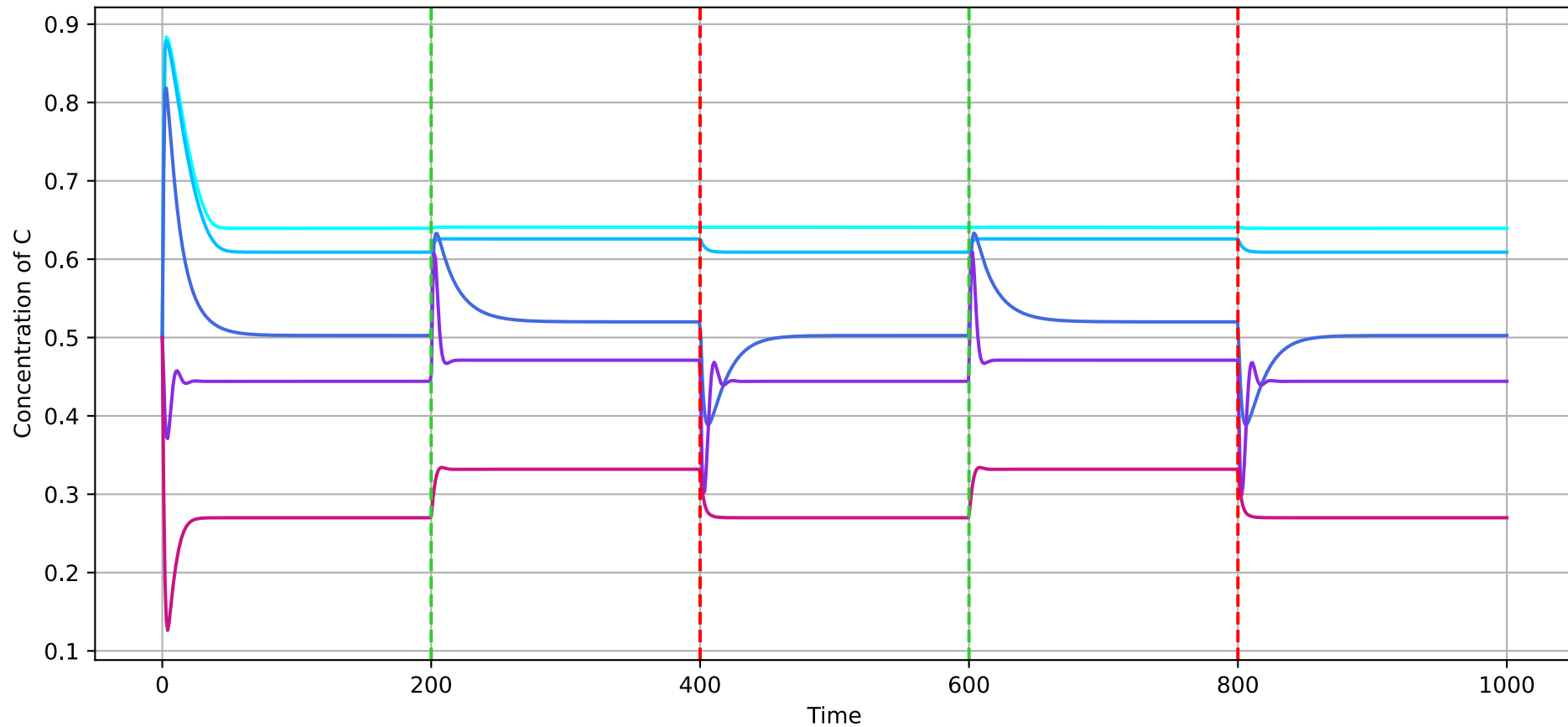
Concentration of C over Time



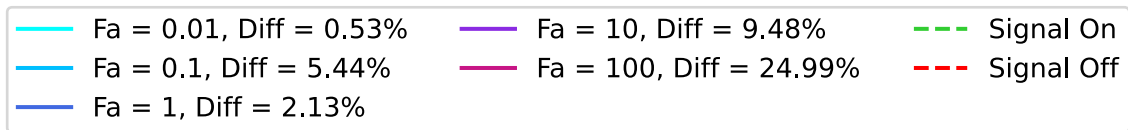
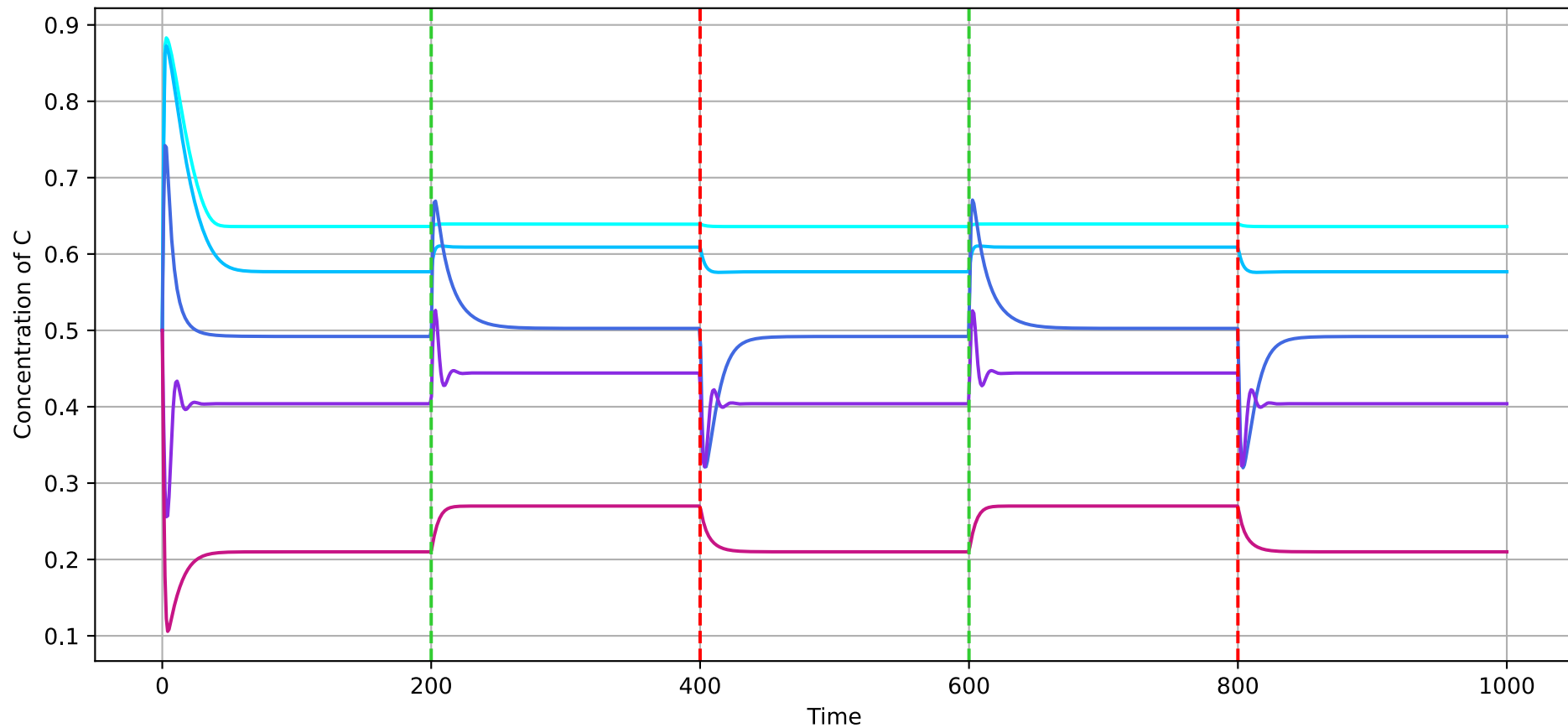
Concentration of C over Time



Concentration of C over Time



Concentration of C over Time



Concentration of C over Time

