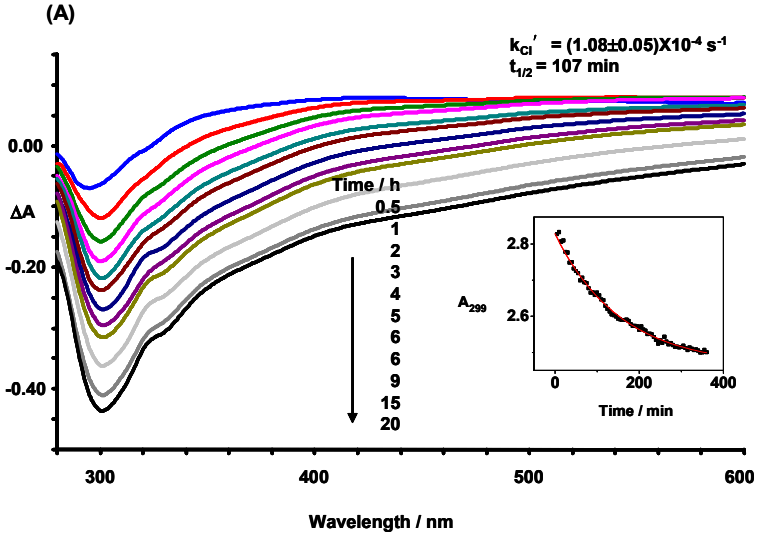
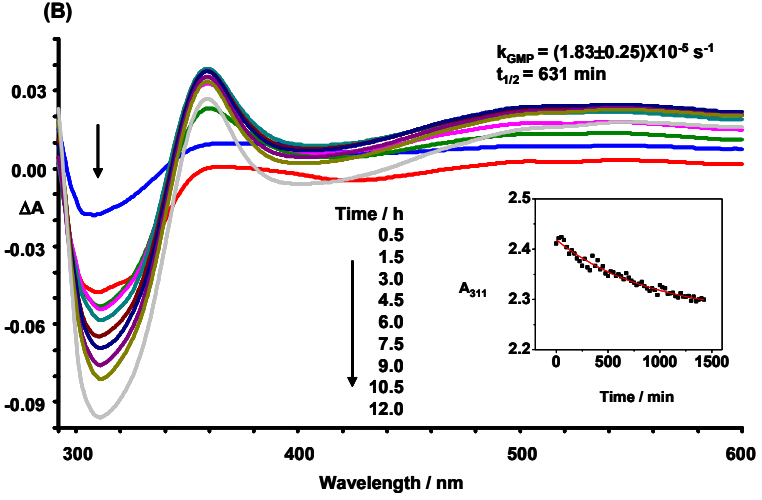

(A)
$k_{Cl}' = (1.08\pm0.05)X10^{-4}\ s^{-1}$
$t_{1/2} = 107$ min
0.00
ΔA
-0.20
-0.40
Time / h
0.5
1
2
3
4
5
6
6
9
15
20
A_{299}
2.8
2.6
0
200
400
Time / min
300
400
500
600
Wavelength / nm


(B)
$k_{GMP} = (1.83\pm0.25)X10^{-5}\ s^{-1}$
$t_{1/2} = 631$ min
0.03
0.00
ΔA
-0.03
-0.06
-0.09
Time / h
0.5
1.5
3.0
4.5
6.0
7.5
9.0
10.5
12.0
A_{311}
2.5
2.4
2.3
2.2
0
500
1000
1500
Time / min
300
400
500
600
Wavelength / nm