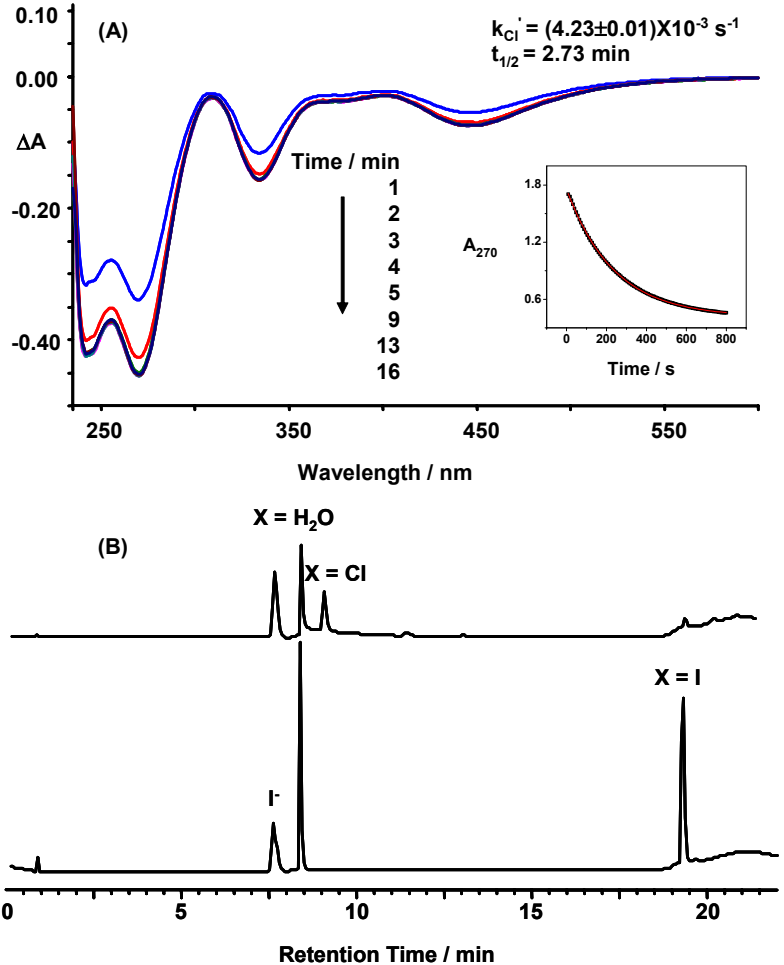
(A)
$k_{Cl}' = (4.23\pm0.01)X10^{-3}\ s^{-1}$
$t_{1/2} = 2.73$ min
0.10
0.00
ΔA
-0.20
-0.40
Time / min
1
2
3
4
5
9
13
16
A_{270}
1.8
1.2
0.6
0
200
400
600
800
Time / s
250
350
450
550
Wavelength / nm
(B)
X = H_2O
X = Cl
X = I
I^-
0
5
10
15
20
Retention Time / min