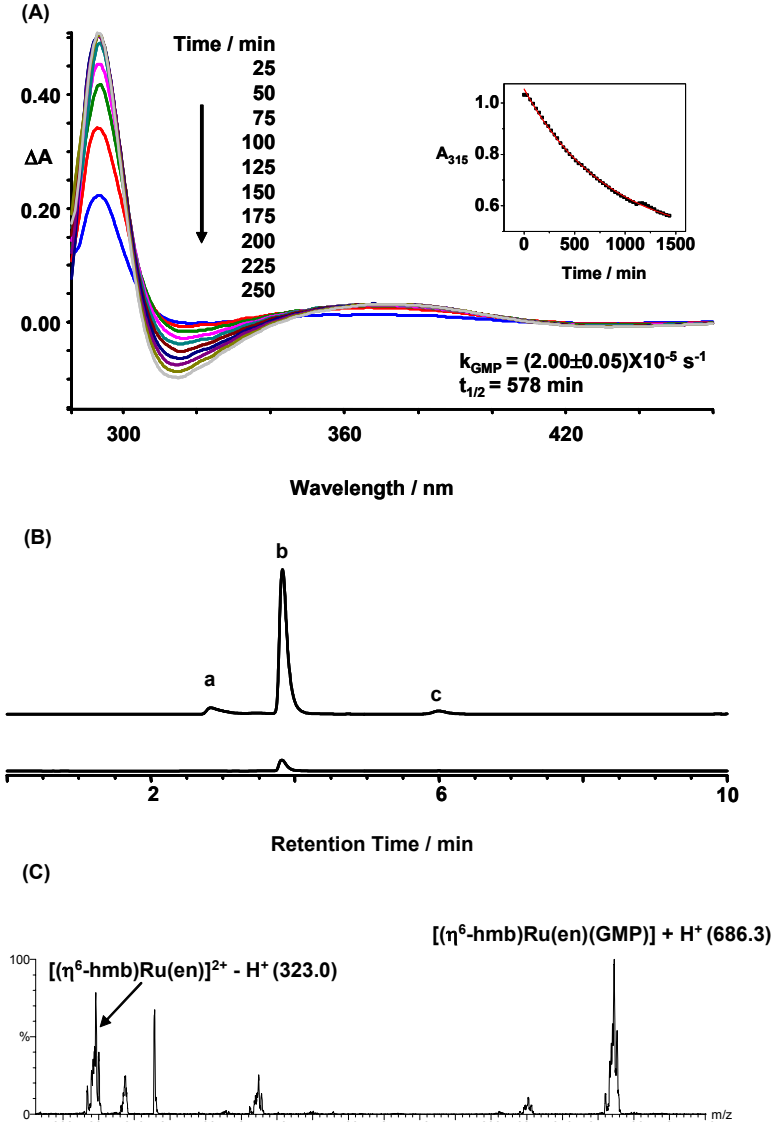
(A)
Time / min
25
50
75
100
125
150
175
200
225
250
0.40
ΔA
0.20
0.00
300
360
420
Wavelength / nm
k_{GMP} = (2.00±0.05)X10^{-5} s^{-1}
$t_{1/2}$ = 578 min
1.0
A_{315} 0.8
0.6
0
500
1000
1500
Time / min
(B)
a
b
c
2
6
10
Retention Time / min
(C)
[(η^6-hmb)Ru(en)(GMP)] + H$^+$ (686.3)
[(η^6-hmb)Ru(en)]$^{2+}$ - H$^+$ (323.0)
100
%
0
300
325
350
375
400
425
450
475
500
525
550
575
600
625
650
675
700
725
750
m/z