

Supplementary Table 1: Half-lives (hr) of purple potato petunidin derivatives chelated with Al^{3+} and Fe^{3+} ions at pH 7 - 9.

		$T_{1/2}$ (HR)								
		[M^{3+}]								
	pH	0 μM	2.5 μM	12.5 μM	25 μM	50 μM	125 μM	250 μM	750 μM	1500 μM
Al^{3+}	7	14.1(0.2)	14.1(0.1)	14.2(0.1)	14.2(0.1)	14.6(0.2)	14.0(0.1)	14.6(0.1)	15.9(0.1)	17.4(0.1)
	8	44.0(0.8)	44.1(1.1)	44.5(0.4)	43.8(0.9)	52.0(1.7)	59.4(2.1)	116.9(10.5)	141.8(3.8)	144.1(10.1)
	9	12.9(0.1)	13.6(0.4)	15.4(0.2)	19.5(0.2)	19.1(0.1)	19.7(1.8)	18.9(0.9)	19.5(0.1)	21.7(2.1)
Fe^{3+}	7	14.1(0.2)	16.4(0.3)	22.5(0.4)	27.6(0.4)	32.5(0.2)	77.9(0.28)	61.1(2.4)	36.4(0.2)	32.3(1.5)
	8	44.0(0.8)	43.9(0.3)	43.5(1.2)	41.5(1.5)	98.5(7.2)	43.1(2.8)	41.9(3.0)	36.6(5.3)	35.1(5.6)
	9	12.9(0.1)	12.9(0.1)	13.3(0.2)	14.5(0.2)	16.0(0.7)	10.3(0.2)	10.1(0.1)	8.9(0.1)	7.9(0.4)