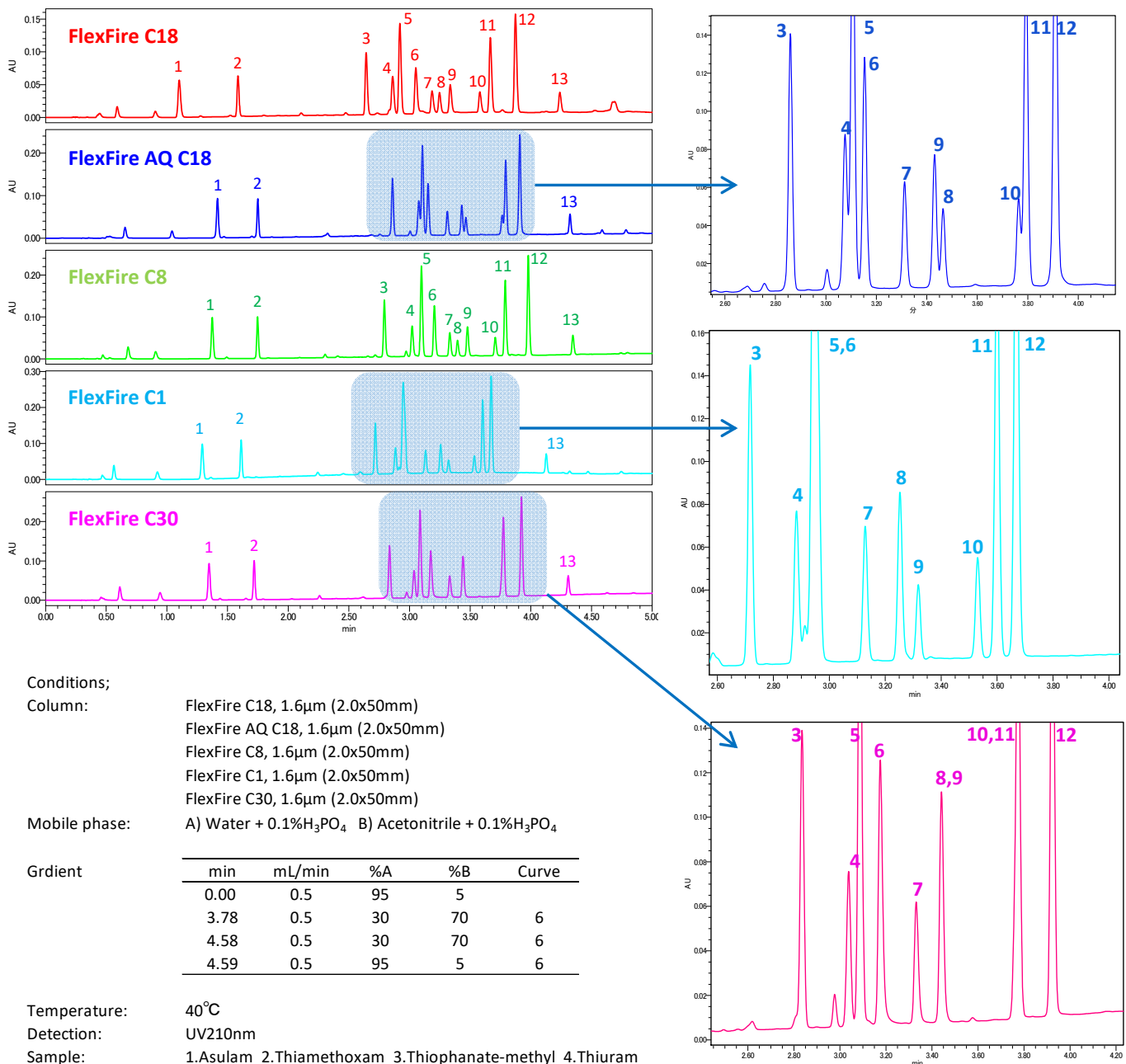


Develosil® Application Data No.113

“Column screening for pesticide analysis”



Conditions;

Column: FlexFire C18, 1.6 μ m (2.0x50mm)
 FlexFire AQ C18, 1.6 μ m (2.0x50mm)
 FlexFire C8, 1.6 μ m (2.0x50mm)
 FlexFire C1, 1.6 μ m (2.0x50mm)
 FlexFire C30, 1.6 μ m (2.0x50mm)

Mobile phase: A) Water + 0.1% H_3PO_4 B) Acetonitrile + 0.1% H_3PO_4

Gradient	min	mL/min	%A	%B	Curve
	0.00	0.5	95	5	
	3.78	0.5	30	70	6
	4.58	0.5	30	70	6
	4.59	0.5	95	5	6

Temperature: 40°C

Detection: UV210nm

Sample: 1.Asulam 2.Thiamethoxam 3.Thiophanate-methyl 4.Thiuram
 5.Bentazone 6.2,4-PA 7.Triclopyr 8.Flazasulfuron 9.MCPP
 10.Halosulfuron-methyl 11.Dymron 12.Iprodione 13.Bensulide
 ※each 0.1mg/mL

injection volume: 0.2 μ L

System: Waters ACQUITY UPLC H-Class PLUS

Mixer: 100 μ L