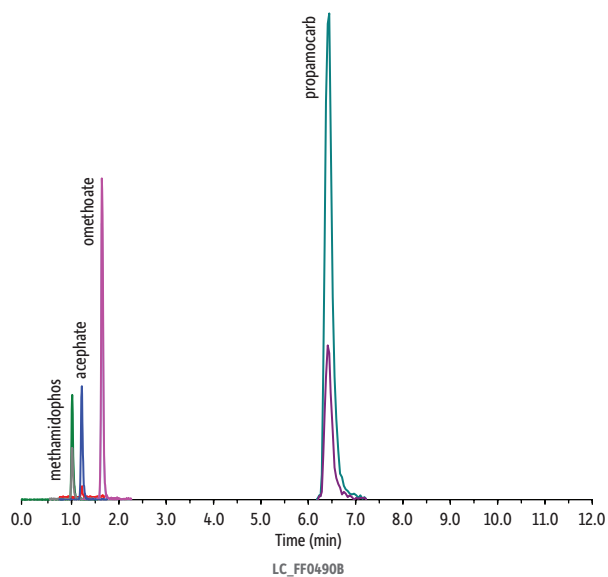


## Pesticides on Ultra Aqueous C18 (Selected Pesticides)



Peaks	$t_R$ (min)	Transition 1	Transition 2
1. Methamidophos	1.06	142 -> 94	142 -> 125
2. Acephate	1.27	184.1 -> 143	184.1 -> 125
3. Omethoate	1.69	214 -> 124.9	214 -> 182.8
4. Propamocarb	6.61	189.2 -> 102.2	189.2 -> 73.9

**Column** Ultra Aqueous C18 (cat.# 9178312)  
**Dimensions:** 100 mm x 2.1 mm ID  
**Particle Size:** 3  $\mu$ m  
**Pore Size:** 100 Å  
**Temp.:** 35 °C  
**Standard/Sample** Multicomponent pesticide standard  
**Diluent:** Water  
**Conc.:** 1 ppb each pesticide  
**Inj. Vol.:** 10  $\mu$ L

**Mobile Phase**  
**A:** 10 mM  $\text{NH}_4\text{OAc}$  in water  
**B:** 10 mM  $\text{NH}_4\text{OAc}$  in methanol

Time (min)	%B
0.00	20
8.0	90
12.0	100
14.8	100
14.9	20

**Flow:** 0.5 mL/min  
**Detector** Applied Biosystems/MDS Sciex LC/MS/MS  
**Model #:** 4000 QTRAP  
**Ion Source:** TurbolonSpray®  
**Ion Mode:** ESI+  
**Ion Spray Voltage:** 5 kV  
**Gas 1:** 50 psi (344.7 kPa)  
**Gas 2:** 60 psi (413.7 kPa)  
**Source Temp.:** 600 °C  
**Instrument** Shimadzu UFLCXR