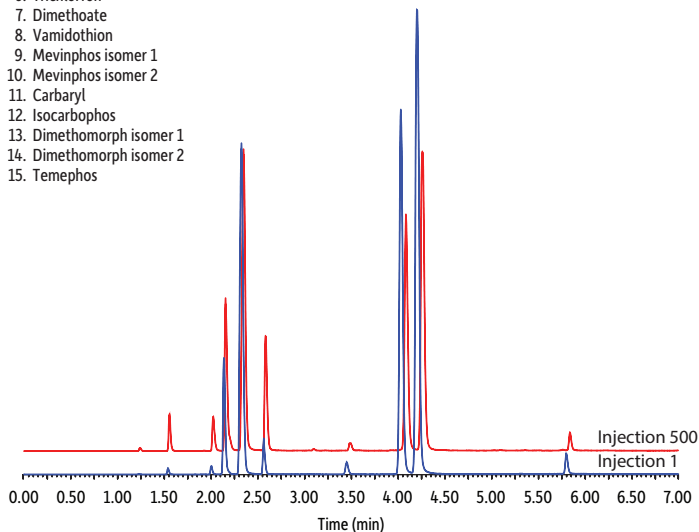


# LC Multi-Residue Pesticide Standard #1 on Raptor ARC-18 for Injection Reproducibility

## Peaks

1. Methamidophos
2. Acephate
3. Omethoate
4. Monocrotophos
5. Dicrotophos
6. Trichlorfon
7. Dimethoate
8. Vamidothion
9. Mevinphos isomer 1
10. Mevinphos isomer 2
11. Carbaryl
12. Isocarbophos
13. Dimethomorph isomer 1
14. Dimethomorph isomer 2
15. Temephos



LC\_FF0553

**Column** Raptor ARC-18 (cat.# 9314A12)  
**Dimensions:** 100 mm x 2.1 mm ID  
**Particle Size:** 2.7 µm  
**Temp.:** 50 °C  
**Sample** LC multiresidue pesticide standard #1 (cat.# 31972)  
**Diluent:** Water  
**Conc.:** 20 ng/mL  
**Inj. Vol.:** 5 µL  
**Mobile Phase**  
**A:** Water + 2 mM ammonium formate + 0.2% formic acid  
**B:** Methanol + 2 mM ammonium formate + 0.2% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	95	5
2.00	0.4	40	60
4.00	0.4	25	75
6.00	0.4	0	100
7.00	0.4	0	100
7.01	0.4	95	5
9.50	0.4	95	5

**Detector** Waters Xevo TQ-S  
**Ion Source:** Waters Zspray ESI  
**Ion Mode:** ESI+  
**Mode:** MRM  
**Instrument** Waters