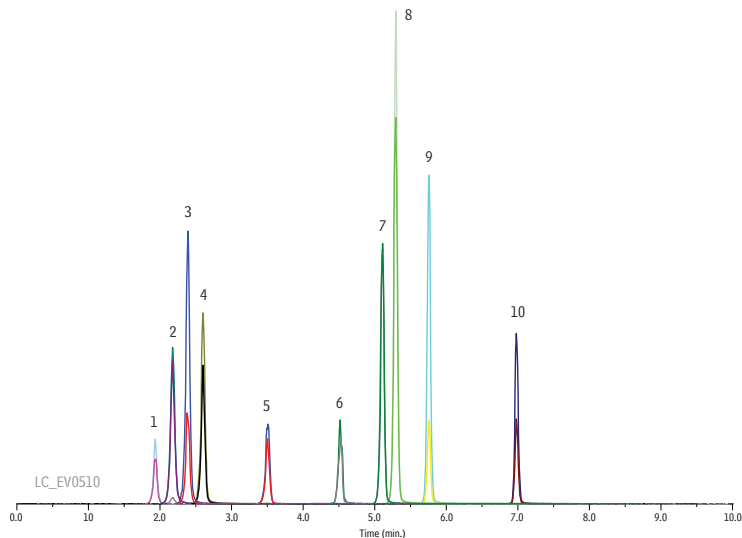


## Carbamate Pesticides on Ultra II™ Carbamate



Peaks	RT (min.)	Transition 1	Transition 2
1. Aldicarb sulfone	1.9	223.1 → 86.1	223.1 → 148.0
2. Aldicarb sulfoxide	2.2	207.1 → 132.1	207.1 → 89.1
3. Oxamyl	2.4	237.1 → 72.1	237.1 → 90.1
4. Methomyl	2.6	163.1 → 88.1	163.1 → 106.0
5. 3-Hydroxycarbofuran	3.5	238.1 → 163.1	238.1 → 181.2
6. Aldicarb	4.5	208.1 → 116.0	208.1 → 88.9
7. Propoxur	5.1	210.1 → 111.0	210.1 → 168.1
8. Carbofuran	5.3	222.1 → 165.2	222.1 → 123.0
9. Carbaryl	5.8	202.1 → 145.1	202.1 → 127.1
10. Methiocarb	7.0	226.1 → 169.2	226.1 → 121.0

**Column** Ultra II™ Carbamate (cat.# 9611312)  
 Dimensions: 100 mm x 2.1 mm ID  
 Particle Size: 3 μm  
 Pore Size: 100 Å  
 Temp.: 35 °C  
**Sample** 531.1 Carbamate Pesticide Calibration Mixture (cat.# 32273)  
 Diluent: acetonitrile  
 Conc.: 100 ppb each pesticide  
 Inj. Vol.: 5 μL

### Mobile Phase

A: 10 mM NH<sub>4</sub>OAc in water  
 B: 10 mM NH<sub>4</sub>OAc in methanol

Time (min.)	%B
0	10
1	10
8	90
10	90
11	10

Flow: 0.5 mL/min.  
**Detector** Applied Biosystems/MDS Sciex LC/MS/MS  
 Model #: 4000 QTRAP™ LC/MS/MS system  
 Ion Source: TurboIonSpray®  
 Ion Mode: ESI+  
 Ion Spray Voltage: 5 kV  
 Gas 1: 40 psi (275.8 kPa)  
 Gas 2: 60 psi (413.7 kPa)  
 Source Temp.: 500 °C  
**Instrument** Applied Biosystems/MDS Sciex LC/MS/MS System