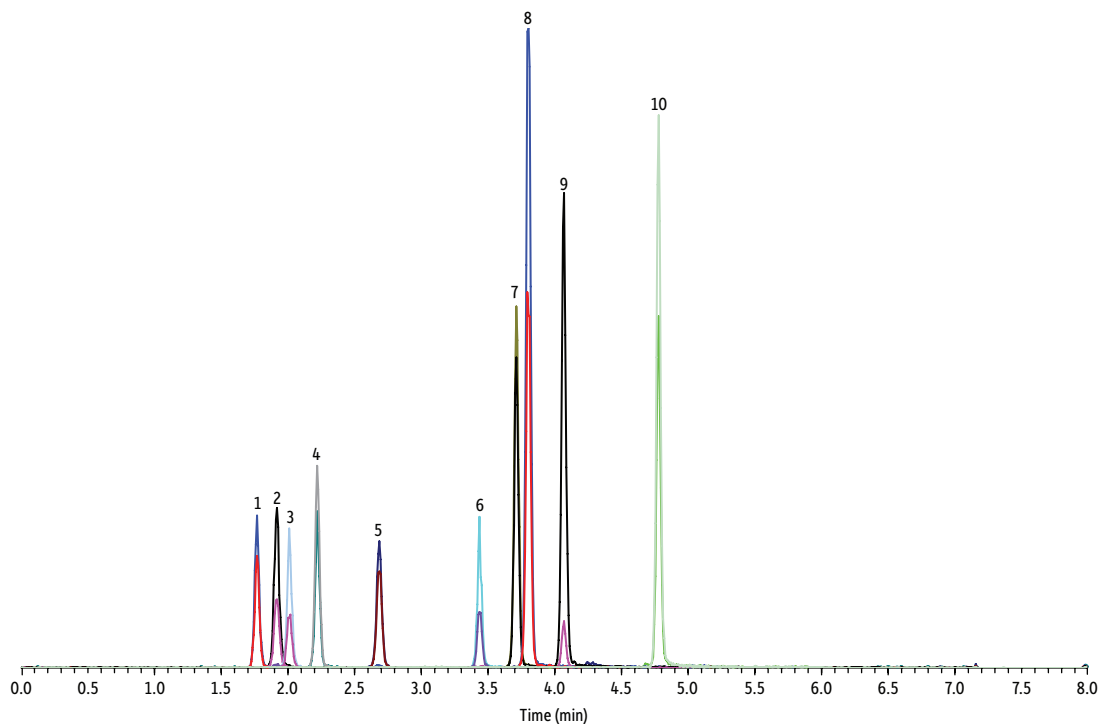


# Carbamate Pesticides on Ultra Carbamate by LC-MS/MS



LC\_EV0534

Peaks	tR (min)	Precursor Ion	Product Ion	Product Ion
1. Aldicarb sulfone	1.77	240.1	86.2	148.2
2. Aldicarb sulfoxide	1.92	207.1	132.1	89.1
3. Oxamyl	2.01	237.1	72.1	90.1
4. Methomyl	2.22	163.1	106.0	88.1
5. 3-Hydroxycarbofuran	2.68	238.1	163.0	181.0
6. Aldicarb	3.44	208.1	116.0	89.0
7. Propoxur	3.71	210.1	111.0	168.1
8. Carbofuran	3.80	222.1	165.1	123.0
9. Carbaryl	4.07	202.1	145.0	127.0
10. Methiocarb	4.78	226.1	169.1	121.1

**Column** Ultra Carbamate (cat.# 9177312)  
**Dimensions:** 100 mm x 2.1 mm ID  
**Particle Size:** 3 µm  
**Pore Size:** 100 Å  
**Temp.:** 30 °C  
**Sample** 531.1 Carbamate pesticide calibration mixture (cat.# 32273)  
**Diluent:** Water  
**Conc.:** 10 ng/mL  
**Inj. Vol.:** 5 µL  
**Mobile Phase**  
**A:** 0.1% Formic acid + 5 mM ammonium formate in water  
**B:** 0.1% Formic acid + 5 mM ammonium formate in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	75	25
5.00	0.5	5	95
5.01	0.5	75	25
8.00	0.5	75	25

**Detector** MS/MS  
**Ion Mode:** ESI+  
**Mode:** MRM  
**Instrument** HPLC