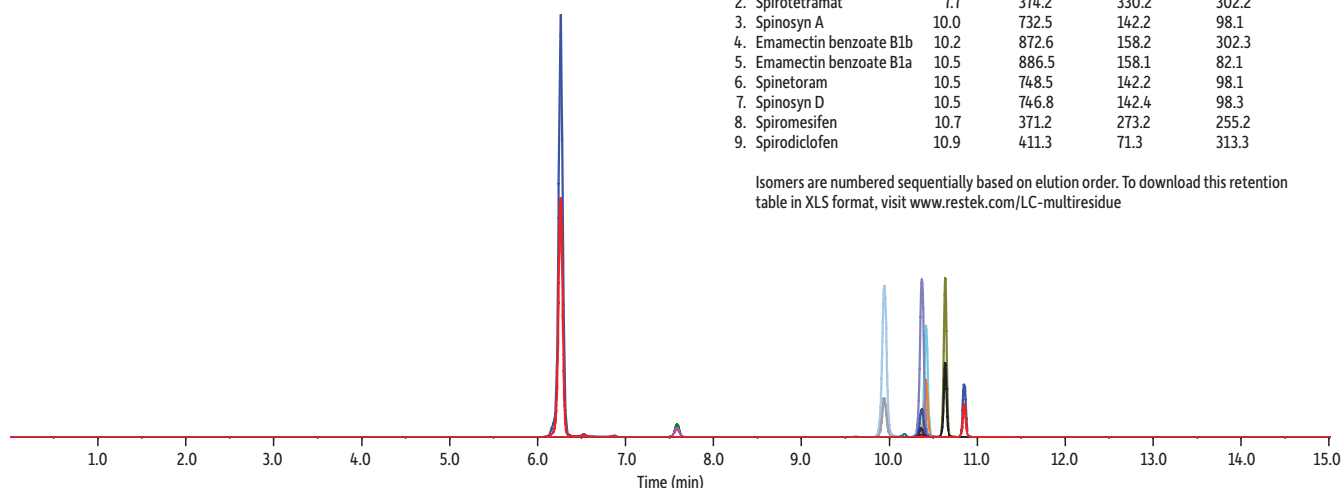


LC Multiresidue Pesticide Standard #7 on Ultra Aqueous C18 by LC-MS/MS

Peaks	t _R (min)	Precursor Ion (m/z)	Product Ion 1 (m/z)	Product Ion 2 (m/z)
1. Fenpropimorph	6.4	304.0	147.0	117.0
2. Spirotetramat	7.7	374.2	330.2	302.2
3. Spinosyn A	10.0	732.5	142.2	98.1
4. Emamectin benzoate B1b	10.2	872.6	158.2	302.3
5. Emamectin benzoate B1a	10.5	886.5	158.1	82.1
6. Spinetoram	10.5	748.5	142.2	98.1
7. Spinosyn D	10.5	746.8	142.4	98.3
8. Spiromesifen	10.7	371.2	273.2	255.2
9. Spirodiclofen	10.9	411.3	71.3	313.3

Isomers are numbered sequentially based on elution order. To download this retention table in XLS format, visit www.restek.com/LC-multiresidue



LC_FF0523

Column Ultra Aqueous C18 (cat.# 9178312)
Dimensions: 100 mm x 2.1 mm ID
Particle Size: 3 µm
Pore Size: 100 Å
Temp.: 50 °C
Sample LC multiresidue pesticide standard #7 (cat.# 31978)
Diluent: Water
Conc.: 50 ng/mL
Inj. Vol.: 20 µL

Mobile Phase
A: Water + 4 mM ammonium formate + 0.1% formic acid
B: Methanol + 4 mM ammonium formate + 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	90	10
1.50	0.5	90	10
4.00	0.5	40	60
8.00	0.5	30	70
11.00	0.5	0	100
12.00	0.5	0	100
12.01	0.5	90	10
15.00	0.5	90	10

Max Pressure: 255 bar
Detector AB SCIEX API 4000™ LC-MS/MS
Ion Source: TurbolonSpray®
Ion Mode: ESI+
Ion Spray Voltage: 5.5 kV
Curtain Gas: 30 psi (206.8 kPa)
Gas 1: 40 psi (275.8 kPa)
Gas 2: 45 psi (310.3 kPa)
CAD: 10 psi (68.9 kPa)
Source Temp.: 350 °C
Mode: Scheduled MRM
MRM Detection
Window: 60 sec
Target Scan Time: 0.33 sec
Instrument API LC-MS/MS
Notes Q1/Q3 Resolution: Unit
Autosampler Temp.: 5 °C