

LC Multi-Residue Pesticide Standard #7 on Raptor™ ARC-18 by LC-MS/MS

Peaks	tR (min)	Precursor Ion	Product Ion 1	Product Ion 2
1. Fenpropimorph	3.43	304.2	147.1	57.2
2. Spirotetramat	4.57	374.2	330.3	302.2
3. Spinosyn A	5.03	732.6	142.0	98.1
4. Spinosyn D	5.30	746.5	142.0	98.1
5. Spinetoram	5.37	748.5	142.2	98.1
6. Emamectin benzoate B1b	5.57	872.4	158.2	126.1
7. Emamectin benzoate B1a	5.74	886.5	158.1	126.1
8. Spiromesifen	6.19	371.1	273.1	255.1
9. Spirodiclofen	6.33	411.1	313.0	71.2

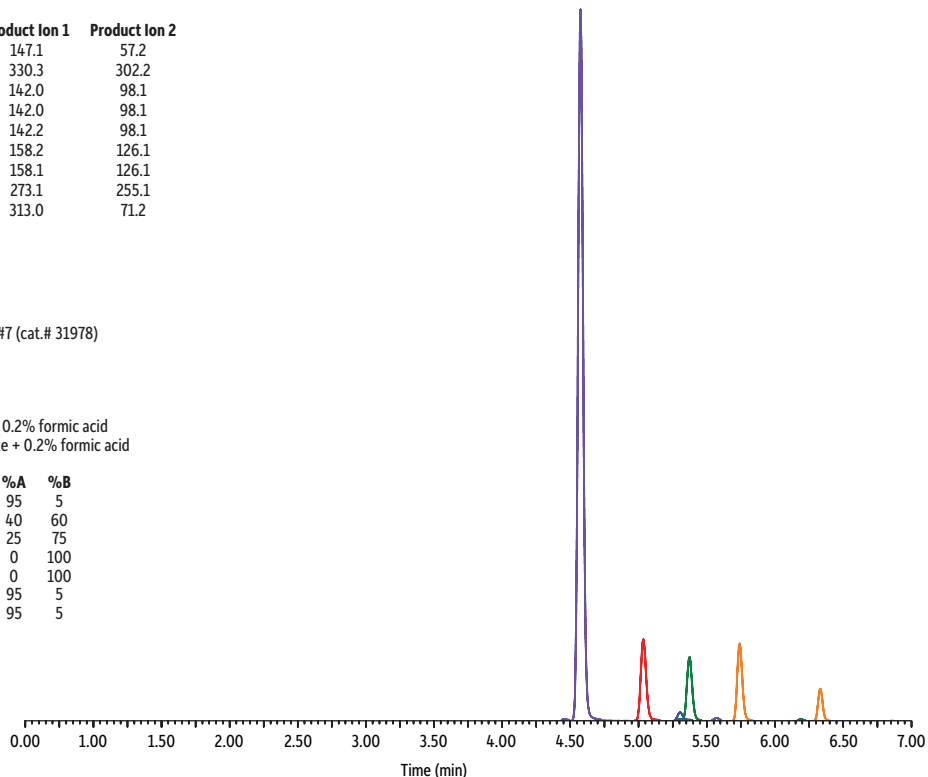
Column Raptor™ ARC-18 (cat.# 9314A12)
 Dimensions: 100 mm x 2.1 mm ID
 Particle Size: 2.7 µm
 Temp.: 50 °C
Sample LC multi-residue pesticide standard #7 (cat.# 31978)
 Diluent: Water
 Conc.: 20 ng/mL
 Inj. Vol.: 5 µL

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
Notes Autosampler Temp. = 5 °C



LC_FF0549