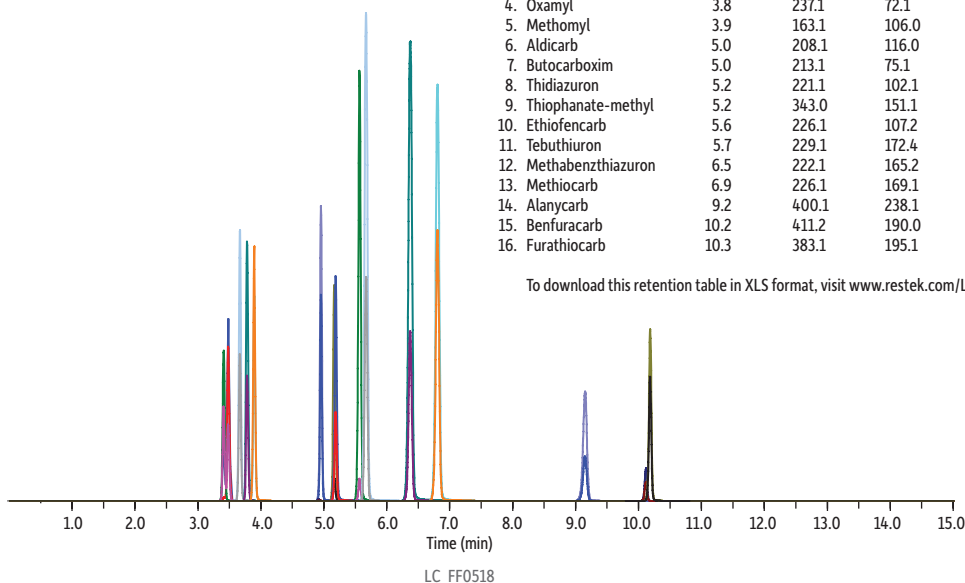


LC Multiresidue Pesticide Standard #2 on Ultra Aqueous C18 by LC-MS/MS

Peaks	t _R (min)	Precursor Ion (m/z)	Product Ion 1 (m/z)	Product Ion 2 (m/z)
1. Aldicarb sulfone	3.5	240.1	86.2	148.2
2. Butoxycarboxim	3.5	223.1	106.0	166.0
3. Aldicarb sulfoxide	3.7	207.1	132.1	89.1
4. Oxamyl	3.8	237.1	72.1	90.1
5. Methomyl	3.9	163.1	106.0	88.1
6. Aldicarb	5.0	208.1	116.0	89.0
7. Butocarboxim	5.0	213.1	75.1	116.0
8. Thidiazuron	5.2	221.1	102.1	127.9
9. Thiophanate-methyl	5.2	343.0	151.1	311.0
10. Ethiofencarb	5.6	226.1	107.2	164.0
11. Tebuthiuron	5.7	229.1	172.4	116.1
12. Methabenzthiazuron	6.5	222.1	165.2	150.3
13. Methiocarb	6.9	226.1	169.1	121.1
14. Alanycarb	9.2	400.1	238.1	90.9
15. Benfuracarb	10.2	411.2	190.0	252.1
16. Furathiocarb	10.3	383.1	195.1	252.1

To download this retention table in XLS format, visit www.restek.com/LC-multiresidue



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 #2 (cat.# 31973)
Diluent: Water
Conc.: 50 ng/mL
Inj. Vol.: 20 µL

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

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

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

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