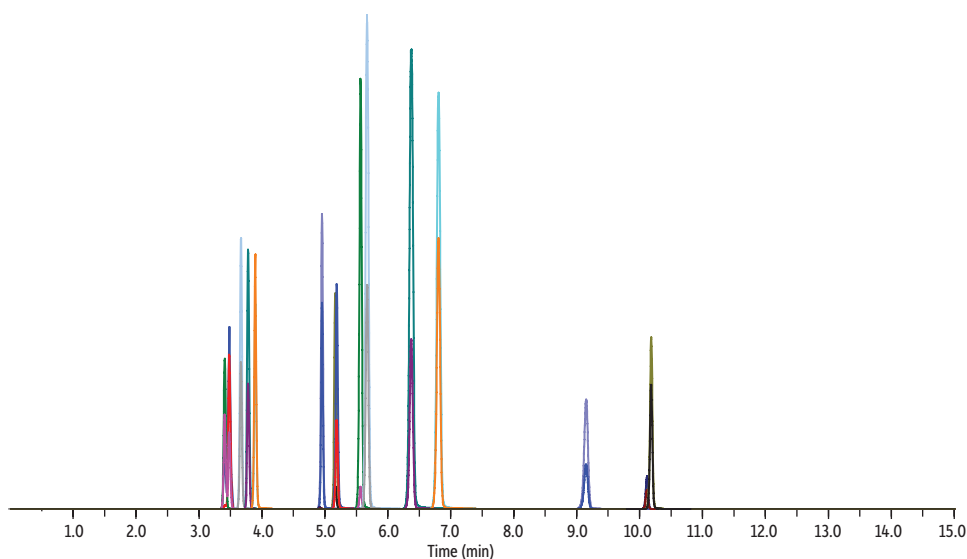


LC Multiresidue Pesticide Standard #2 on Ultra Aqueous C18 by LC-MS/MS



LC_FF0518

Peaks	tr (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
Standard/Sample LC multiresidue pesticide standard #2 (cat.# 31973)
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

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
 • The reference standard is also available as part of Restek's 200+ compound LC multiresidue pesticide kit (cat.# 31971).

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