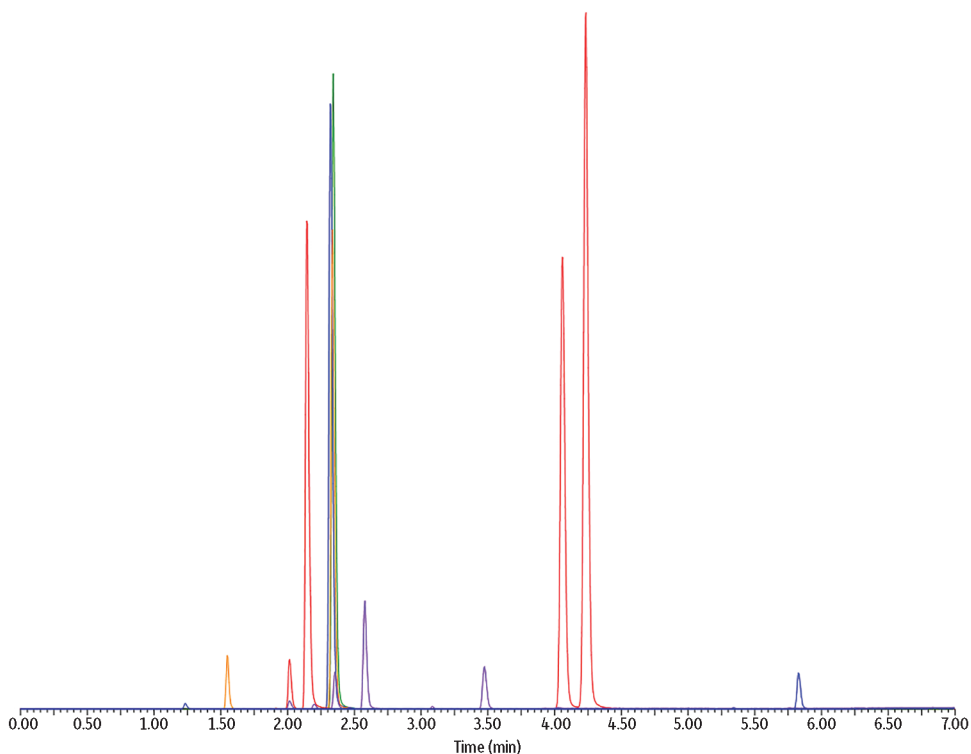


LC Multi-Residue Pesticide Standard #1 on Raptor™ ARC-18 by LC-MS/MS

Peaks	tR (min)	Precursor Ion	Product Ion 1	Product Ion 2
1. Methamidophos	1.24	142.0	93.9	124.9
2. Acephate	1.41	184.1	143.0	125.1
3. Omethoate	1.56	214.1	125.1	183.1
4. Monocrotophos	2.03	224.1	127.1	98.1
5. Dicrotophos	2.16	238.0	112.0	193.0
6. Trichlorfon	2.34	257.0	109.0	79.0
7. Dimethoate	2.35	230.1	125.0	199.0
8. Vamidothion	2.35	288.0	146.0	118.0
9. Mevinphos isomer 1	2.37	225.1	127.1	193.1
10. Mevinphos isomer 2	2.59	225.1	127.1	193.1
11. Carbaryl	3.10	202.0	145.0	127.0
12. Isocarbophos	3.50	291.1	121.1	231.1
13. Dimethomorph isomer 1	4.10	388.1	300.9	165.0
14. Dimethomorph isomer 2	4.28	388.1	300.9	165.0
15. Temephos	5.87	467.1	125.0	418.9

Isomers are numbered sequentially based on elution order.



LC_FF0543

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 #1 (cat.# 31972)
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