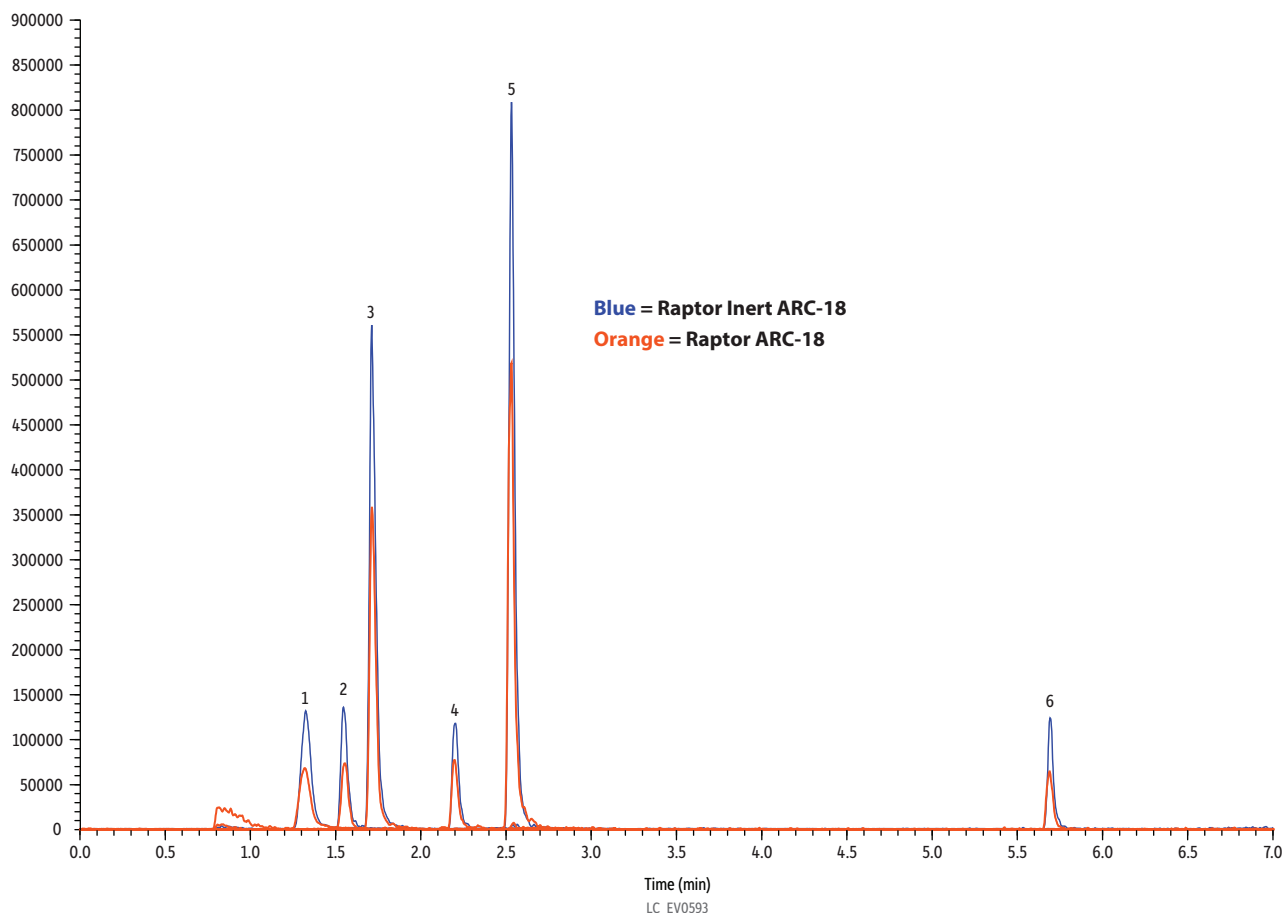


Comparison of Pesticides on Raptor Inert ARC-18 and Raptor ARC-18



Peaks	Precursor Ion	Product Ion 1	Product Ion 2
1. Methamidophos	142.0	94.0	125.1
2. Acephate	184.0	143.0	48.9
3. Omethoate	214.0	125.0	182.9
4. Monocrotophos	224.1	127.0	193.1
5. Vamidothion	288.0	146.0	118.0
6. Temephos	467.1	124.9	418.9

Column See notes.
 Dimensions: 100 mm x 2.1 mm ID
 Particle Size: 2.7 µm
 Pore Size: 90 Å
Standard/Sample LC multiresidue pesticide standard #1 (cat.# 31972)
 Conc.: 1 ng/mL
 Inj. Vol.: 5 µL
Mobile Phase
 A: Water, 2 mM ammonium formate, 0.1% formic acid
 B: Methanol, 2 mM ammonium formate, 0.1% 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
7.50	0.4	0	100
7.51	0.4	95	5
9.00	0.4	95	5

Max Pressure: 258 bar
Detector Shimadzu LCMS-8060
 Ion Mode: ESI+
 Mode: MRM
Instrument Shimadzu Nexera X2
Notes Columns are:
 • Raptor Inert ARC-18 (cat.# 9314A12-T)
 • Raptor ARC-18 (cat.# 9314A12)