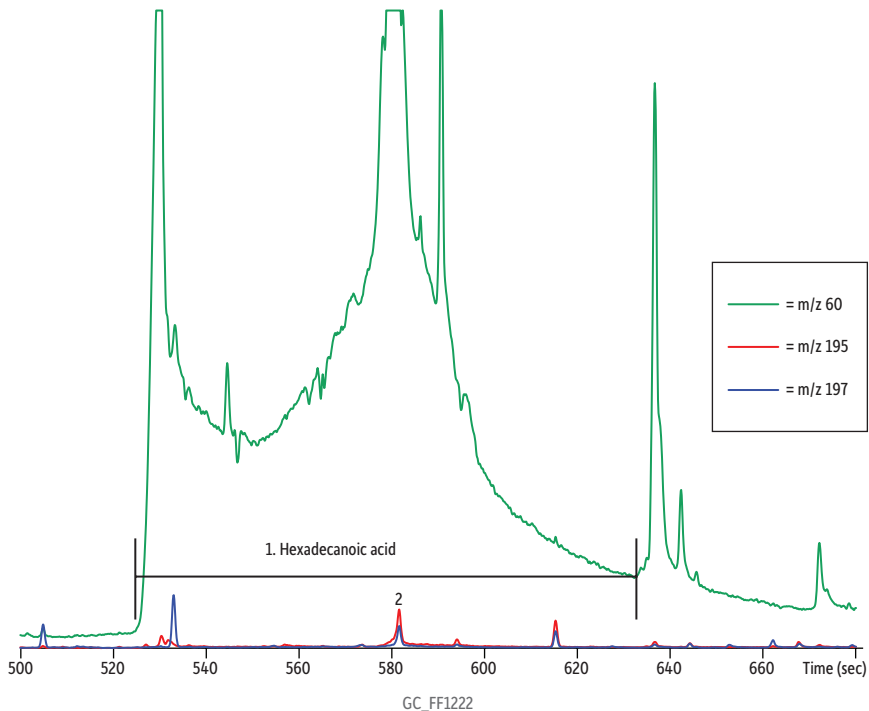


Pesticides in QuEChERS Extract of Sweet Potato Rxi-5Sil MS



Peak List

1. Hexadecanoic acid
2. Endosulfan I

Column	Rxi-5Sil MS, 20 m, 0.18 mm ID, 0.18 μ m (cat.# 43602)
Sample	Sweet potato spiked with pesticide mix and extracted with acetonitrile and Q-sep QuEChERS extraction salts, then acidified with formic acid to pH 5.
Injection	
Inj. Vol.:	1 μ L splitless (hold 1 min)
Liner:	Gooseneck splitless (4 mm) w/deact. wool (cat.# 22405)
Inj. Temp.:	250 $^{\circ}$ C
Oven	
Oven Temp.:	72.5 $^{\circ}$ C (hold 1 min) to 350 $^{\circ}$ C at 20 $^{\circ}$ C/min
Carrier Gas	He, constant flow
Flow Rate:	1.2 mL/min
Detector	MS
Transfer	
Line Temp.:	300 $^{\circ}$ C
Analyzer Type:	TOF
Ionization Mode:	El
Acquisition Range:	45 to 550 amu
Instrument	LECO Pegasus III GC-TOFMS
Notes	m/z 60, 195, 197 shown