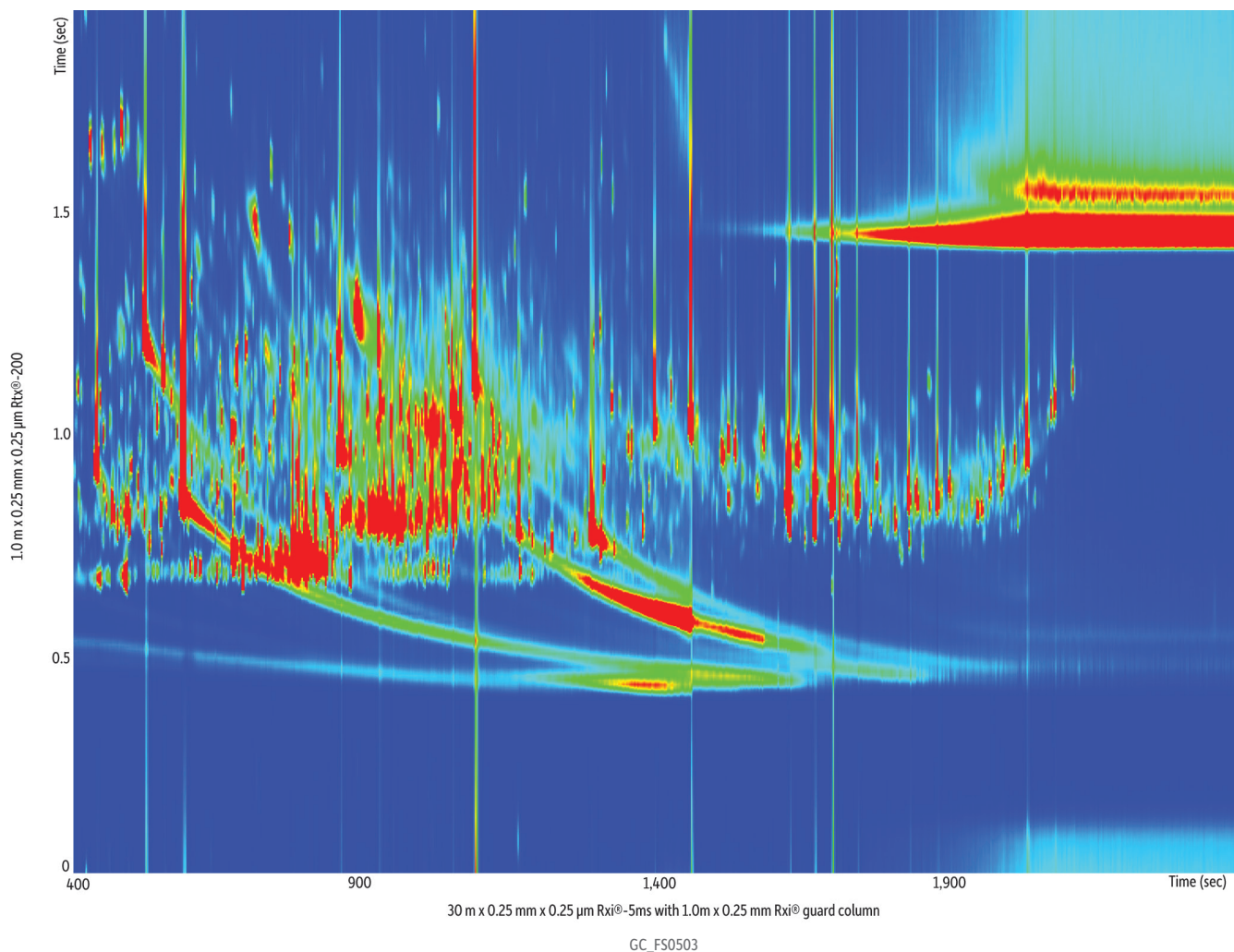


## GCxGC-TOFMS Contour Plot of Unfortified Detoxification Tea



<b>Column</b>	Rxi®-5ms 30 m, 0.25 mm ID, 0.25 µm (cat.# 13423) with Rxi® guard column 1.0 m, 0.25 mm ID (cat.# 10029) Rtx®-200 1.0 m, 0.25 mm ID, 0.25 µm (cat.# 15124)	<b>Second Dimension</b>	Separation Time: 2.00 sec
<b>Sample</b>	Detoxification tea QuEChERS internal standard mix for GC-MS analysis (cat.# 33267) Acetonitrile	<b>Hot Pulse Time:</b>	0.60 sec
<b>Diluent:</b>		<b>Cool Time between</b>	
<b>Injection</b>	1.0 µL splitless (hold 1.0 min)	<b>Stages:</b>	0.40 sec
<b>Inj. Vol.:</b>	Premium 4 mm single taper (cat.# 23302.1)	<b>Detector</b>	MS
<b>Inj. Temp.:</b>	250 °C	<b>Mode:</b>	
<b>Purge Flow:</b>	40 mL/min	<b>Transfer Line Temp.:</b>	320 °C
<b>Oven</b>		<b>Analyzer Type:</b>	TOF
<b>Oven Temp.:</b>	Rxi®-5ms: 70 °C (hold 1.0 min) to 330 °C at 8.0 °C/min (hold 6.5 min) Rtx®-200: 75 °C (hold 1.0 min) to 335 °C at 8.0 °C/min (hold 6.5 min)	<b>Source Temp.:</b>	225 °C
<b>Carrier Gas</b>	He, corrected constant flow (1.4 mL/min)	<b>Electron Energy:</b>	70 eV
<b>Modulation</b>		<b>Mass Defect:</b>	-20 mu/100 u
<b>Modulator Temp. Offset:</b>	20 °C	<b>Ionization Mode:</b>	EI
		<b>Acquisition Range:</b>	45-550 amu
		<b>Spectral Acquisition Rate:</b>	100 spectra/sec
		<b>Instrument</b>	LECO Pegasus® 4D GCxGC-TOFMS
		<b>Notes</b>	All column connections were made with an SGE® SilTite® µ-union.