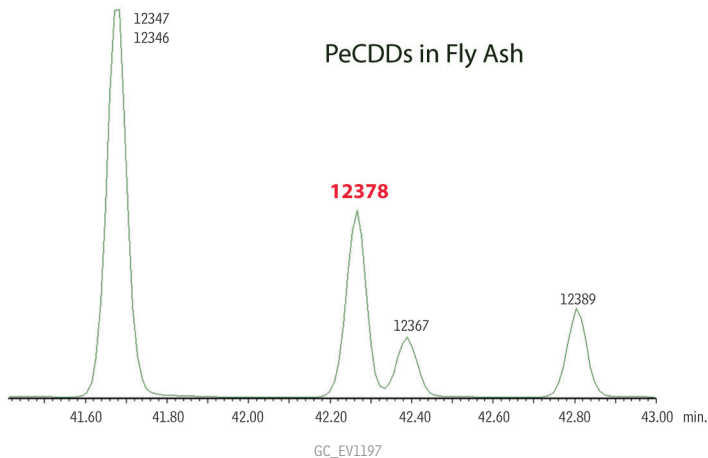


## Dioxins (PeCDDs) in Fly Ash on Rxi®-5Sil MS



Column	Rxi®-5Sil MS, 60 m, 0.18 mm ID, 0.10 $\mu$ m (cat.# 43607)
Sample	fly ash extract
Diluent:	nonane
Injection	
Inj. Vol.:	1 $\mu$ L splitless
Liner:	2mm Splitless liner (cat.# 20712)
Oven	
Oven Temp:	120 °C (hold 1 min.) to 160 °C at 10 °C/min. to 300 °C at 2.5 °C/min.
Carrier Gas	He, constant flow
Flow Rate:	1 mL/min.
Detector	Waters AutoSpec Ultima Mass Spectrometer
Source Temp.:	280 °C
Ionization Mode:	EI
Notes	Electron Ionization at 40eV Red indicates toxicity
Acknowledgement	Chromatogram courtesy of Karen MacPherson, Li Shen, Terry Kolic, and Eric Reiner at the Ontario Ministry of the Environment