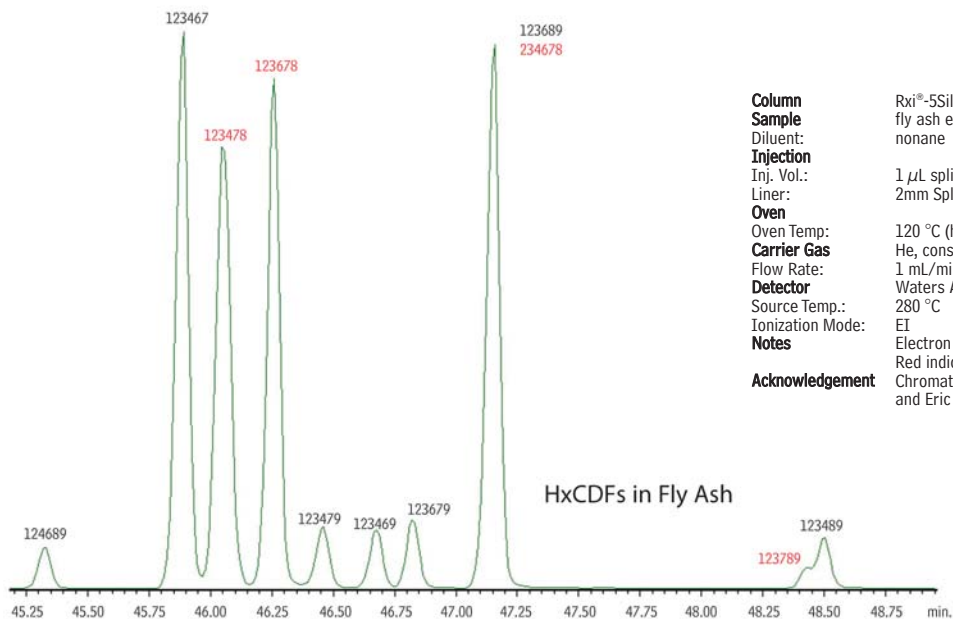


## Dioxins (HxCDFs) in Fly Ash on Rxi®-5Sil MS



**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

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