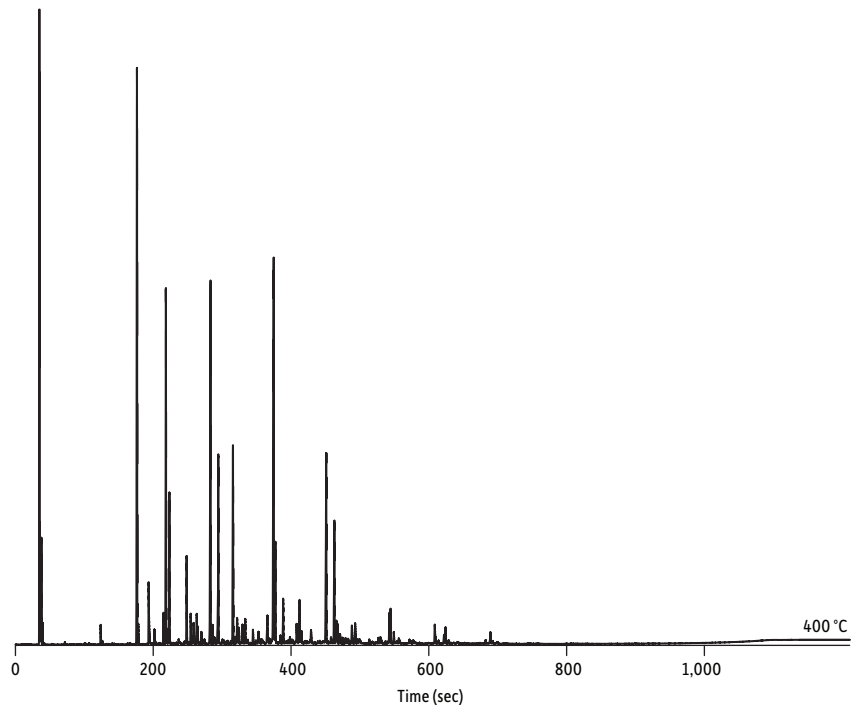


Creosote Oil Standard on Rxi-1HT (15 m x 0.25 mm x 0.10 µm)



GC_EV1367

Column	Rxi-1HT, 15 m, 0.25 mm ID, 0.10 µm (cat.# 13950)
Sample	Creosote oil standard (cat.# 31838)
Diluent:	Methylene chloride
Conc.:	50,000 ng/µL
Injection	
Inj. Vol.:	1 µL split (split ratio 250:1)
Liner:	Premium 4 mm Precision liner w/wool (cat.# 23305)
Inj. Temp.:	275 °C
Split Vent	
Flow Rate:	437.5 mL/min
Oven	
Oven Temp.:	40 °C (hold 0.1 min) to 400 °C at 20 °C/min (hold 1.9 min)
Carrier Gas	H ₂ , constant flow
Flow Rate:	1.75 mL/min
Detector	FID @ 420 °C
Constant Column +	
Constant Make-up:	50 mL/min
Make-up Gas Type:	N ₂
Hydrogen flow:	40 mL/min
Air flow:	450 mL/min
Data Rate:	20 Hz
Instrument	Agilent/HP6890 GC
Notes	Actual column length was calculated to be 15.7 m using holdup time and EZGC flow calculator (http://www.restek.com/ezgc-mtfc).