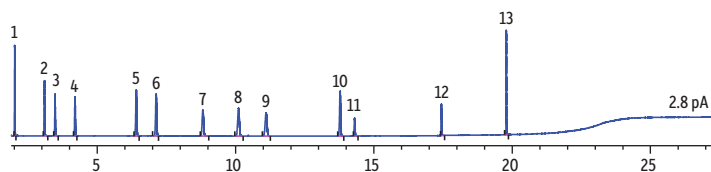


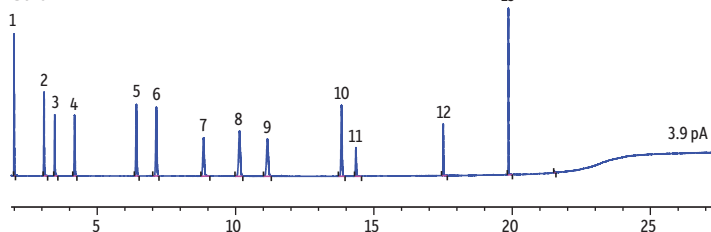
## Rxi-SVOCms Column-to-Column Reproducibility

- Consistent retention times.
- Exceptionally low bleed.

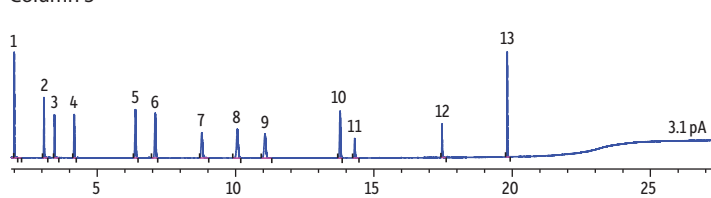
Column 1



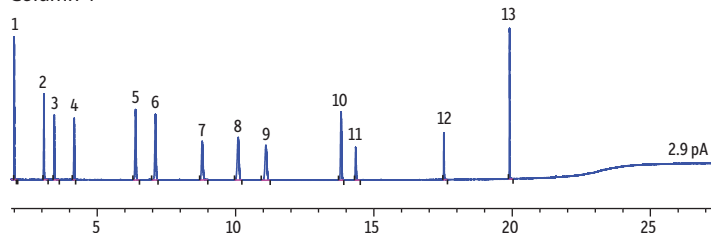
Column 2



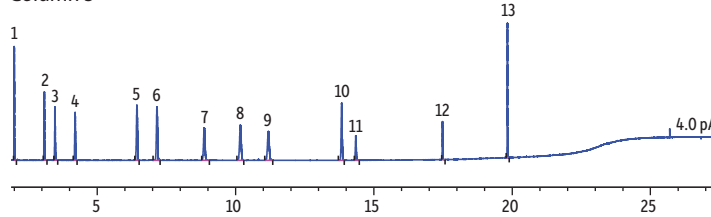
Column 3



Column 4



Column 5



Time (min)

GC\_GN1215

### Peaks

1. 4-Picoline
2. 2-Ethylhexanoic acid
3. 1,6-Hexanediol
4. 4-Chlorophenol
5. *n*-Tridecane
6. 1-Methylnaphthalene
7. 1-Undecanol
8. *n*-Tetradecane
9. Dicyclohexylamine
10. Acenaphthene-d10
11. 2,4-Dinitrophenol
12. Pentachlorophenol
13. Benzidine

200:1 split results in approximately 1 ng on column.

<b>Column</b>	Rxi-SVOCms, 30 m, 0.25 mm ID, 0.25 $\mu$ m (cat.# 16623)
<b>Standard/Sample</b>	Low-level activity test mix
<b>Diluent:</b>	Dichloromethane
<b>Conc.:</b>	200 $\mu$ g/mL
<b>Injection</b>	
<b>Inj. Vol.:</b>	1 $\mu$ L split (split ratio 200:1)
<b>Liner:</b>	Topaz 4.0 mm ID Precision inlet liner with wool (cat.# 23305)
<b>Inj. Temp.:</b>	250 $^{\circ}$ C
<b>Split Vent Flow Rate:</b>	236 mL/min
<b>Oven</b>	
<b>Oven Temp.:</b>	125 $^{\circ}$ C (hold 12.5 min) to 340 $^{\circ}$ C at 20 $^{\circ}$ C/min (hold 4 min)
<b>Carrier Gas</b>	He, constant flow
<b>Linear Velocity:</b>	32 cm/sec @ 125 $^{\circ}$ C
<b>Dead Time:</b>	1.5885 min @ 125 $^{\circ}$ C
<b>Detector</b>	FID @ 350 $^{\circ}$ C
<b>Make-up Gas Flow Rate:</b>	40 mL/min
<b>Make-up Gas Type:</b>	N <sub>2</sub>
<b>Hydrogen flow:</b>	40 mL/min
<b>Air flow:</b>	400 mL/min
<b>Data Rate:</b>	50 Hz
<b>Instrument</b>	Agilent 7890B GC
<b>Sample Preparation</b>	Samples were aliquoted into amber 2 mL, 9 mm short-cap, screw-thread vials (cat.# 21143) containing glass Big Mouth inserts (cat.# 21782) and sealed with 2.0 mL, 9 mm short-cap, screw-vial closures (cat.# 23842).