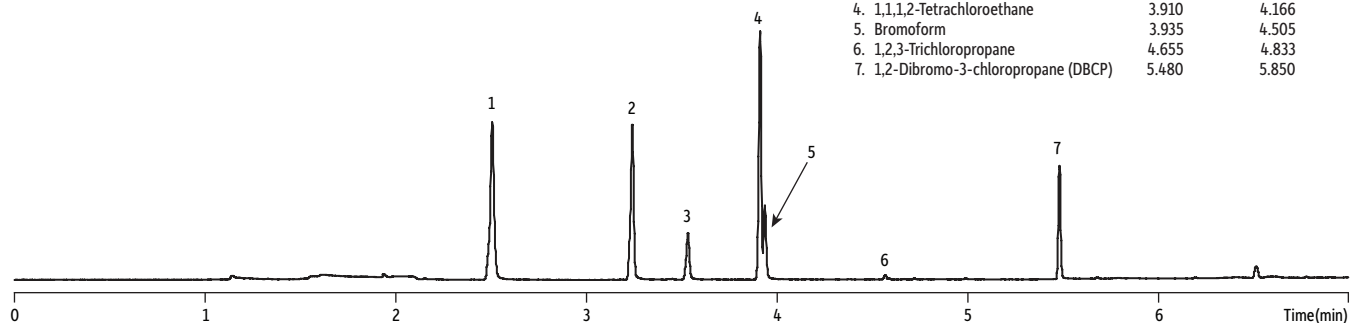


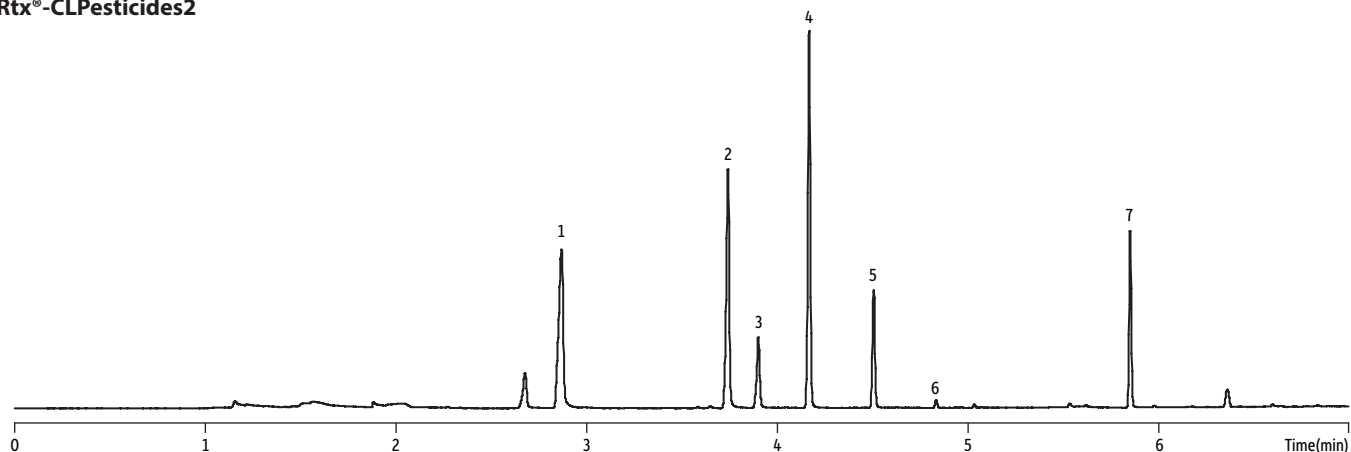
Organochlorine Pesticides on Rtx®-CLPesticides and Rtx®-CLPesticides2 by EPA Method 504.1 (Dual Column Analysis)

Rtx®-CLPesticides

Peaks	CLP1 t _R (min)	CLP2 t _R (min)
1. Bromodichloromethane	2.504	2.866
2. Chlorodibromomethane	3.239	3.740
3. 1,2-Dibromoethane (EDB)	3.531	3.899
4. 1,1,1,2-Tetrachloroethane	3.910	4.166
5. Bromoform	3.935	4.505
6. 1,2,3-Trichloropropane	4.655	4.833
7. 1,2-Dibromo-3-chloropropane (DBCP)	5.480	5.850



Rtx®-CLPesticides2



GC_EV1227

Columns Rtx®-CLPesticides2 30 m, 0.32 mm ID, 0.25 µm (cat.# 11324)
and Rtx®-CLPesticides 30 m, 0.32 mm ID, 0.32 µm (cat.# 11141)
using Rxi® guard column 5 m, 0.32 mm ID (cat.# 10039)
with universal "Y" Press-Tight® connector (cat.# 20405)

Sample Dibromodichloromethane (chlorodibromochloromethane) (cat.# 30271)
Bromodichloromethane (cat.# 30251)
504.1 calibration mix (cat.# 30239)
1,1,1,2-tetrachloroethane (cat.# 30411)
Bromoform (cat.# 30252)

Diluent: *n*-Hexane
Conc.: 10 ng/mL

Injection
Inj. Vol.: 2 µL splitless (hold 0.50 min.)
Liner: Premium 4 mm single taper inlet liner w/wool (cat.# 23303.1)

Inj. Temp.: 200 °C
Purge Flow: 50 mL/min

Oven
Oven Temp: 30 °C (hold 2.0 min) to 220 °C at 30 °C/min

Carrier Gas He, constant flow
Linear Velocity: 60 cm/sec

Detector Micro-ECD @ 220 °C

Make-up
Gas Flow Rate: 50 mL/min

Make-up
Gas Type: He

Data Rate: 50 Hz

Instrument Agilent/HP6890 GC

Notes This chromatogram was obtained using an Agilent® micro-ECD. To obtain comparable results, you will need to employ a micro-ECD in addition to confirmational dual-columns connected to a 5-meter guard column using a "Y" Press-Tight® connector.