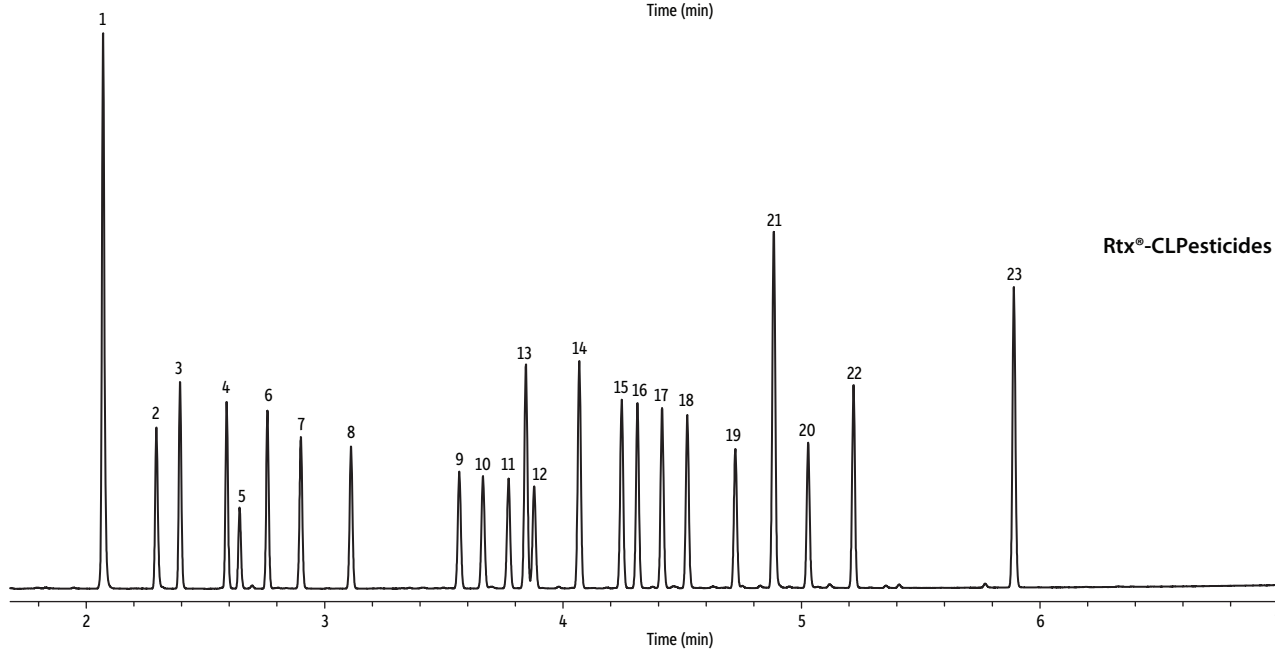
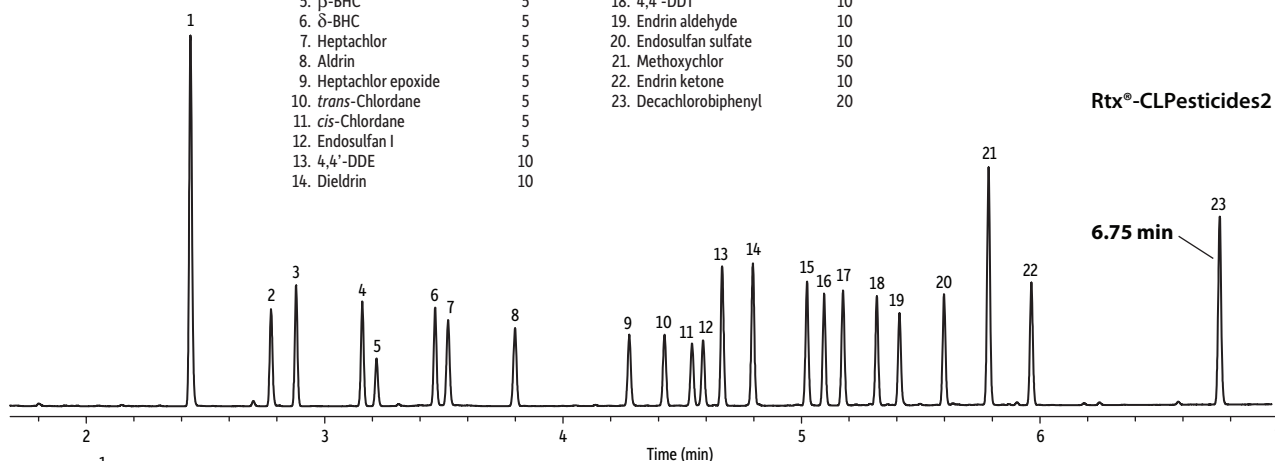


# 7-Minute Analysis of Organochlorine Pesticides (EPA Method 8081) on Rtx<sup>®</sup>-CLPesticides and Rtx<sup>®</sup>-CLPesticides2 Using Hydrogen

Peaks	Conc. (ng/mL)	Peaks	Conc. (ng/mL)
1. Tetrachloro- <i>m</i> -xylene	20	15. Endrin	10
2. Hexachlorobenzene	5	16. 4,4'-DDD	10
3. $\alpha$ -BHC	5	17. Endosulfan II	10
4. $\gamma$ -BHC	5	18. 4,4'-DDT	10
5. $\beta$ -BHC	5	19. Endrin aldehyde	10
6. $\delta$ -BHC	5	20. Endosulfan sulfate	10
7. Heptachlor	5	21. Methoxychlor	50
8. Aldrin	5	22. Endrin ketone	10
9. Heptachlor epoxide	5	23. Decachlorobiphenyl	20
10. <i>trans</i> -Chlordane	5		
11. <i>cis</i> -Chlordane	5		
12. Endosulfan I	5		
13. 4,4'-DDE	10		
14. Dieldrin	10		



GC\_EV1325

<b>Columns</b>	Rtx <sup>®</sup> -CLPesticides2 30 m, 0.32 mm ID, 0.25 $\mu$ m (cat.# 11324) and Rtx <sup>®</sup> -CLPesticides 30 m, 0.32 mm ID, 0.32 $\mu$ m (cat.# 11141) using Rxi <sup>®</sup> guard column 5 m, 0.32 mm ID (cat.# 10039) with universal "Y" Press-Tight <sup>™</sup> connector (cat.# 20406-261)	<b>Oven</b>	Oven Temp.: 120 °C to 200 °C at 45 °C/min to 230 °C at 15 °C/min to 330 °C at 30 °C/min (hold 2 min)
<b>Sample</b>	Organochlorine pesticide mix AB #2 (cat.# 32292) 2,4,5,6-Tetrachloro- <i>m</i> -xylene (cat.# 32027) Decachlorobiphenyl (BZ #209) (cat.# 32029) Hexachlorobenzene (cat.# 32231) <i>n</i> -Hexane	<b>Carrier Gas</b>	Linear Velocity: 81 cm/sec
<b>Diluent:</b>		<b>Detector</b>	Micro-ECD @ 340 °C
<b>Injection</b>		<b>Make-up Gas Flow Rate:</b>	50 mL/min
Inj. Vol.:	2 $\mu$ L splitless (hold 0.3 min)	<b>Make-up Gas Type:</b>	N <sub>2</sub>
Liner:	Premium 4 mm single taper w/wool (cat.# 23303.5)	<b>Data Rate:</b>	50 Hz
Inj. Temp.:	250 °C	<b>Instrument</b>	Agilent/HP6890 GC
Purge Flow:	50 mL/min		