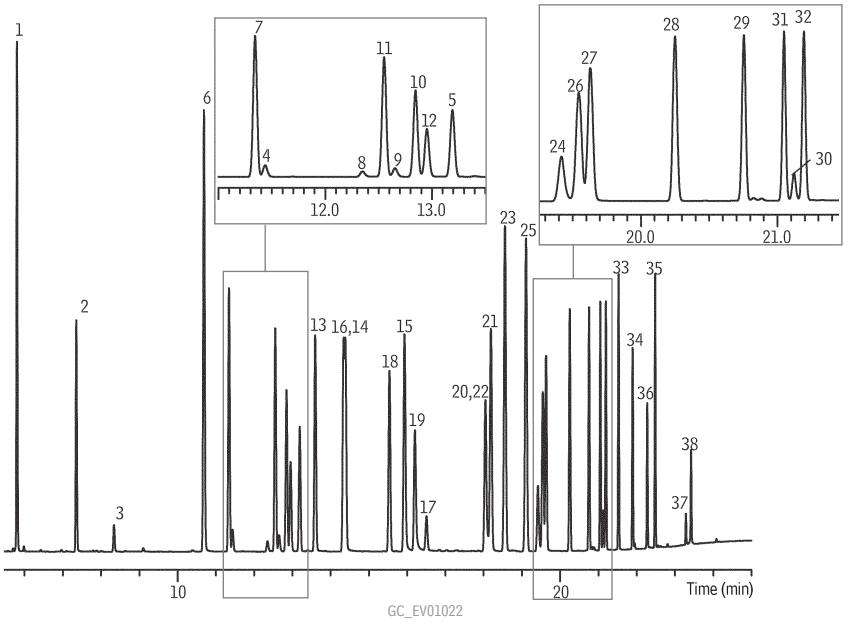
Pesticides & Herbicides U.S. EPA Method 508.1 Rtx-CLPesticides & Rtx-CLPesticides2

Rtx-CLPesticides

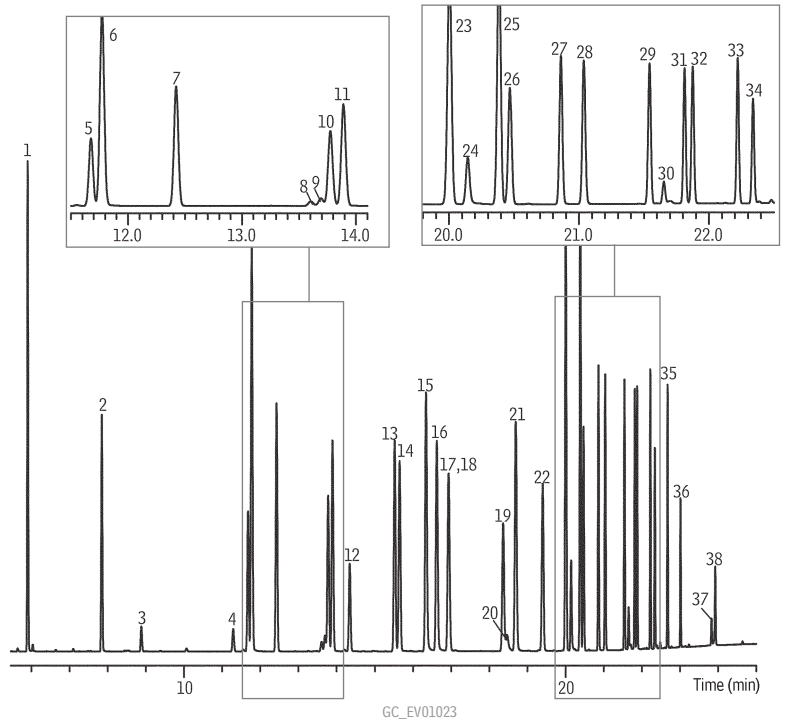


Peaks

1. Hexachlorocyclopentadiene
2. Etridiazole
3. Chlorneb
4. Propachlor
5. Trifluralin
6. Hexachlorobenzene
7. α-BHC
8. Simazine
9. Atrazine
10. Pentachloronitrobenzene (IS)
11. γ-BHC
12. β-BHC
13. δ-BHC
14. Heptachlor
15. Chlorothalonil
16. Metribuzin
17. Alachlor
18. Aldrin
19. 4,4'-Dibromobiphenyl (SS)
20. Metolachlor
21. DCPA methyl ester (Chlorthal-dimethyl)
22. Heptachlor epoxide
23. *trans*-Chlordane*
24. Cyanazine
25. *cis*-Chlordane*
26. Endosulfan I
27. 4,4'-DDE
28. Dieldrin
29. Endrin
30. Chlorobenzilate
31. 4,4'-DDD
32. Endosulfan II
33. 4,4'-DDT
34. Endrin aldehyde
35. Endosulfan sulfate
36. Methoxychlor
37. *cis*-Permethrin
38. *trans*-Permethrin

* For information regarding the nomenclature used for cis-chlordane and trans-chlordane, visit www.restek.com/chlordane-notice

Rtx-CLPesticides2



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 deactivated universal "Y" Press-Tight connector (cat.# 20405-261)
Sample	50 ng/mL 508.1 calibration mix #1 (cat.# 32094) 100 ng/mL 508.1 calibration mix #2 (cat.# 32095) 100 ng/mL 508.1 calibration mix #3 (cat.# 32096) 50 ng/mL pentachloronitrobenzene (cat.# 32091) 250 ng/mL 4,4'-dibromobiphenyl (cat.# 32092) 500 ng/mL atrazine (cat.# 32208) 500 ng/mL simazine (cat.# 32236)
Diluent:	Ethyl acetate
Injection	
Inj. Vol.:	2 µL splitless (hold 0.75 min)
Liner:	Cyclo double taper (4 mm) (cat.# 20896)
Inj. Temp.:	250 °C
Oven	
Oven Temp.:	80 °C (hold 0.5 min) to 155 °C at 19 °C/min (hold 1 min) to 210 °C at 4 °C/min to 310 °C at 25 °C/min (hold 0.5 min)
Carrier Gas	He, constant flow
Linear Velocity:	26 cm/sec
Detector	Micro-ECD @ 325 °C
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.

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