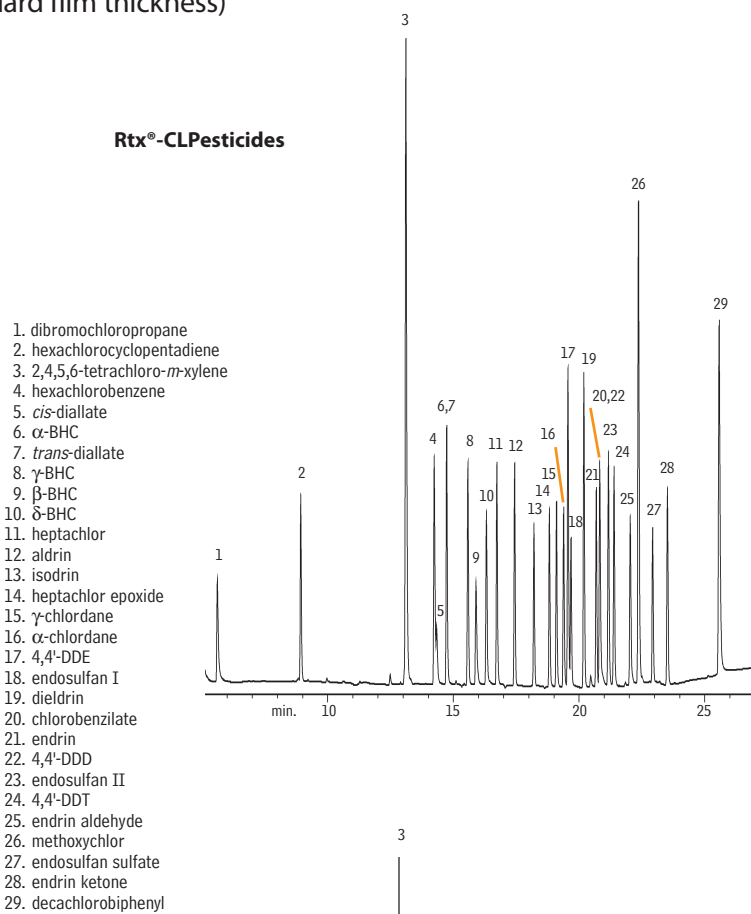
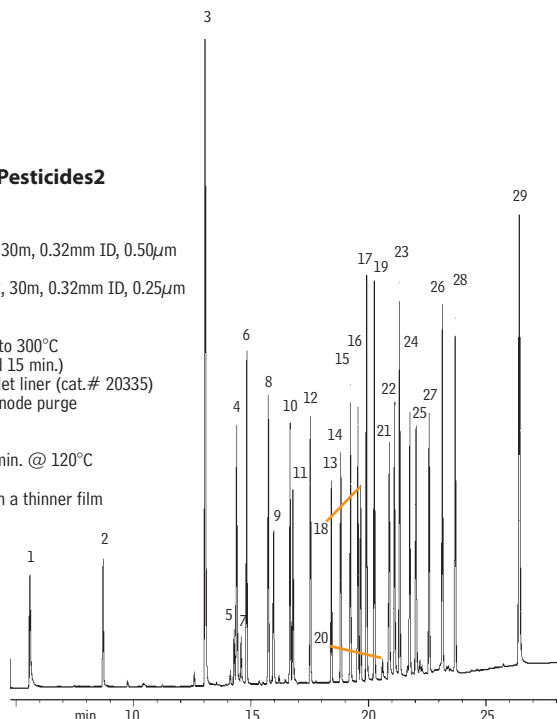


Organochlorine Pesticides
US EPA Method 8081A
Rtx®-CLPesticides & Rtx®-CLPesticides2
 (standard film thickness)



1. dibromochloropropane
2. hexachlorocyclopentadiene
3. 2,4,5,6-tetrachloro-*m*-xylene
4. hexachlorobenzene
5. *cis*-diallate
6. α -BHC
7. *trans*-diallate
8. γ -BHC
9. β -BHC
10. δ -BHC
11. heptachlor
12. aldrin
13. isodrin
14. heptachlor epoxide
15. γ -chlordane
16. α -chlordane
17. 4,4'-DDE
18. endosulfan I
19. dielrin
20. chlorobenzilate
21. endrin
22. 4,4'-DDD
23. endosulfan II
24. 4,4'-DDT
25. endrin aldehyde
26. methoxychlor
27. endosulfan sulfate
28. endrin ketone
29. decachlorobiphenyl

Rtx®-CLPesticides2



Columns: Rtx®-CLPesticides, 30m, 0.32mm ID, 0.50 μ m (cat.# 11139)*
 Rtx®-CLPesticides2, 30m, 0.32mm ID, 0.25 μ m (cat.# 11324)
 On-column conc.: 16–160pg
 Oven temp.: 80°C (hold 1 min.) to 300°C @ 10°C/min. (hold 15 min.)
 Inj.: direct, Uniliner® inlet liner (cat.# 20335)
 Det.: ECD, 300°C, with anode purge
 Dead time: 1.9 min.
 Head pressure: 8.7psi (constant)
 Flow rate: helium @ 1.3mL/min. @ 120°C

*Rtx®-CLPesticides is also offered with a thinner film thickness (cat.# 11141).

free literature



GC Analysis of US EPA Method 504.1 Organochlorine Pesticides, Using the Rtx®-CLPesticides and Rtx®-CLPesticides2 Columns

A versatile column pair for analyzing organochlorine pesticides, herbicides, or PCBs

Analysts following Method 504.1 in monitoring 1,2-dibromoethane (EDB), 1,2-dibromo-3-chloropropane (DBCP), and 1,2,3-trichloropropane (TCP) in drinking water will value Rtx®-CLPesticides and Rtx®-CLPesticides2 columns because this same primary column/confirmation column pair can be used to perform numerous related analyses: organochlorine pesticides (e.g., by EPA Method 608 or 8081), herbicides, or polychlorinated biphenyls (PCBs). Details in this 2-page note show EDB, DBCP, and TCP are fully resolved from common interference compounds, per requirements of Method 504.1.

Applications Note
 lit. cat.# 59539

Rtx®-CLPesticides and Rtx®-CLPesticides2 columns also are ideal for:

- Triazine herbicides (lit. cat.# 59101)
- PCBs (lit. cat.# 59120)
- Haloacetic acids (lit. cat.# 59175)
- Polynuclear aromatic hydrocarbons (lit. cat.# 59196A)

Download your free copy of the literature listed here from www.restek.com.

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