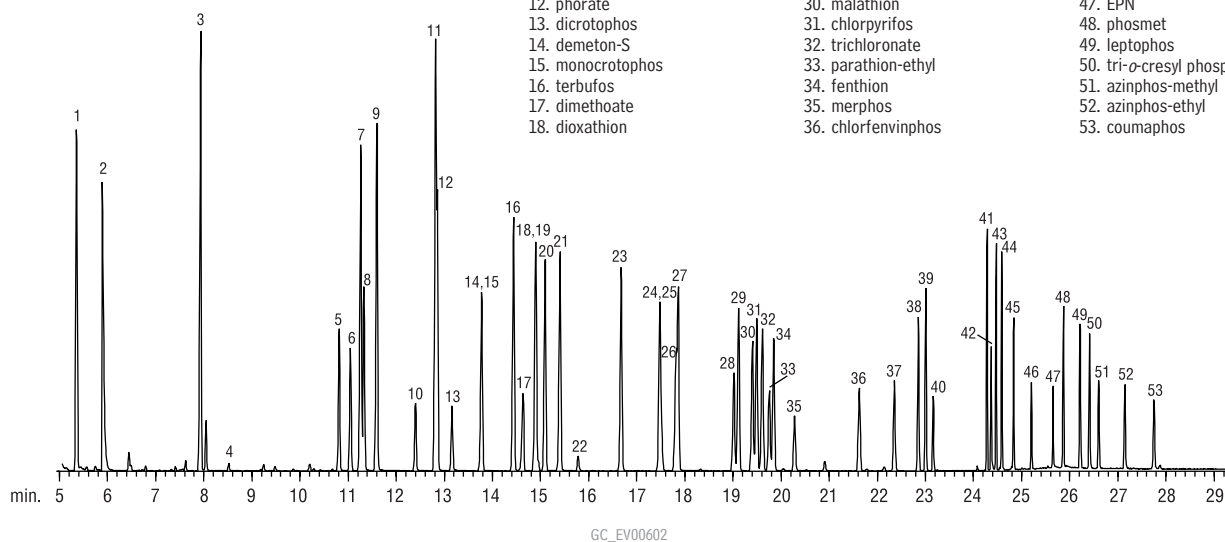


Organophosphorus Pesticides US EPA Method 8141A Rtx®-OPPesticides2

**Excellent resolution of 53
organophosphorus pesticides!**



- | | | |
|----------------------------|-------------------------|--|
| 1. dichlorvos | 19. fonophos | 37. crotoxyphos |
| 2. hexamethylphosphoramide | 20. diazinon | 38. stirofos |
| 3. mevinphos | 21. disulfoton | 39. tokuthion |
| 4. trichlorfon | 22. phosphamidon isomer | 40. merphos oxone
(breakdown product) |
| 5. TEPP | 23. dichlorofenthion | 41. ethion |
| 6. demeton-O | 24. chlorpyrifos methyl | 42. fensulfothion |
| 7. thionazin | 25. phosphamidon | 43. bolstar |
| 8. tributyl phosphate (IS) | 26. parathion-methyl | 44. carbophenothion |
| 9. ethoprop | 27. ronnel | 45. famphur |
| 10. naled | 28. fenitrothion | 46. triphenyl phosphate (SS) |
| 11. sulfotepp | 29. aspon | 47. EPN |
| 12. phorate | 30. malathion | 48. phosmet |
| 13. dicrotophos | 31. chlorpyrifos | 49. leptophos |
| 14. demeton-S | 32. trichloronate | 50. tri- <i>o</i> -cresyl phosphate |
| 15. monocrotophos | 33. parathion-ethyl | 51. azinphos-methyl |
| 16. terbufos | 34. fenthion | 52. azinphos-ethyl |
| 17. dimethoate | 35. merphos | 53. coumaphos |
| 18. dioxathion | 36. chlorfenvinphos | |

Column: Rtx®-OPPesticides2, 30m, 0.25mm ID, 0.25 μ m (cat.# 11243)
Sample: US EPA Method 8141A Custom Standard Mix 1 μ L 100ppm (100ng on column)
Triphenylphosphate Standard (cat.# 32281)
Tributylphosphate Standard (cat.# 32280)
8140/8141 OP Pesticides Calibration Mix A (cat.# 32277)
8141 OP Pesticides Calibration Mix B (cat.# 32278)
Custom Mixes: Call Restek for Information
Inj.: 1.0 μ L splitless (hold 0.4 min.), 4mm double gooseneck inlet liner (cat.# 20785)

Inj. temp.: 250°C
Carrier gas: helium, constant flow
Flow rate: 1.0mL/min.
Oven temp.: 80°C (hold 0.5 min.) to 140°C @ 20°C/min. to 210°C @ 4°C/min. (hold 1 min.) to 280°C @ 30°C (hold 5 min.)
Det: MS
Transfer line temp.: 280°C
Scan range: 35-400amu
Ionization: EI

for **more** info

GC Columns for Pesticide Analyses

Choose from 9 capillary GC phases for pesticide analyses and more than 50 combinations of column ID and phase film thickness. For descriptions of special purpose columns, see pages 22-23. To locate a column type in this catalog, see pages 14-15.

Partners in Pesticide Analysis



Please visit www.restek.com/pesticides for information about the ChemService product line.