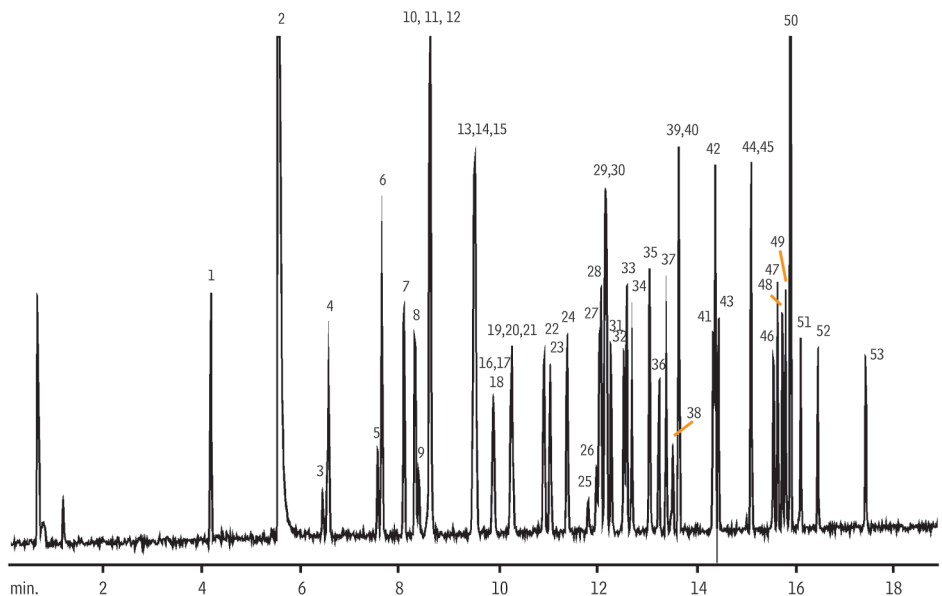


# Organophosphorus Pesticides by EPA Method 8140/8141/8141A on Rtx®-CLPesticides



## Peaks

- |                               |                                     |
|-------------------------------|-------------------------------------|
| 1. Dichlorvos                 | 27. Chlorpyrifos                    |
| 2. Hexamethyl phosphoramidate | 28. Fenthion                        |
| 3. Trichlorfon                | 29. Aspon                           |
| 4. mevinphos                  | 30. parathion-methyl                |
| 5. Demeton-o                  | 31. Trichloronate                   |
| 6. Thionazin                  | 32. Malathion                       |
| 7. Ethoprop                   | 33. Fenitrothion                    |
| 8. Phorate                    | 34. Phosphamidon                    |
| 9. Naled                      | 35. Parathion-ethyl                 |
| 10. Tributyl phosphate (SS)   | 36. Chlorfenvinphos                 |
| 11. TEPP                      | 37. Prothiofos                      |
| 12. Sulfotepp                 | 38. Merphos oxone                   |
| 13. Demeton-S                 | 39. Crotoxyphos                     |
| 14. Terbufos                  | 40. Stirofos                        |
| 15. Fonophos                  | 41. Sulprofos                       |
| 16. Dicrotophos               | 42. Famphur                         |
| 17. Diazinon                  | 43. Carbophenothion                 |
| 18. Disulfoton                | 44. Fensulfothion                   |
| 19. Dioxathion                | 45. Triphenyl phosphate (SS)        |
| 20. Monocrotophos             | 46. Leptophos                       |
| 21. Dimethoate                | 47. Ethion                          |
| 22. Dichlorofenthion          | 48. Phosmet                         |
| 23. Chlorpyrifos methyl       | 49. EPN                             |
| 24. Ronnel                    | 50. Tri- <i>o</i> -cresyl phosphate |
| 25. Phosphamidon isomer       | 51. Azinphos-methyl                 |
| 26. Merphos                   | 52. Azinphos-ethyl                  |
|                               | 53. Coumaphos                       |

## Column Sample

Rtx®-CLPesticides, 30 m, 0.32 mm ID, 0.50 µm (cat.# 11139)  
 triphenylphosphate (cat.# 32281)  
 tributylphosphate (cat.# 32280)  
 8140/8141 OP Pesticide Calibration Mix A (cat.# 32277)  
 8141 OP Pesticide Calibration Mix B (cat.# 32278)  
 200 ng/mL

## Conc.: Injection Inj. Vol.: Inj. Temp.: Oven Oven Temp.: Detector

1 µL splitless (hold 1 min.)  
 250 °C  
 100 °C to 180 °C at 10 °C/min. (hold 2 min.) to 300 °C at 18 °C/min. (hold 3 min.)  
 FPD @ 280 °C

GC\_EV00413