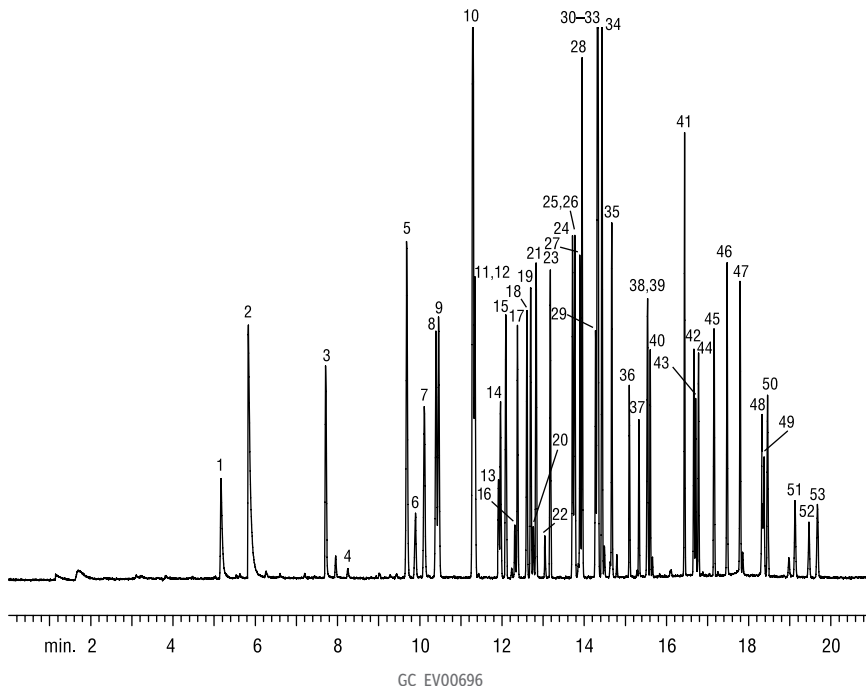


Organophosphorus Pesticides US EPA Method 8140/8141/8141A on Rtx®-35



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

Column Rtx®-35, 30 m, 0.32 mm ID, 0.25 µm (cat.# 10424)
Sample triphenylphosphate (cat.# 32281)
 tributylphosphate (cat.# 32280)
 8140/8141 OP Pesticide Calibration Mix A (cat.# 32277)
 8141 OP Pesticide Calibration Mix B (cat.# 32278)
 0.1µg/mL US EPA Method 8141A Custom Standard Mixes (100ng/mL)

Conc.:
Injection
 Inj. Vol.: 0.5 µL splitless (hold 5 min)
 Liner: Drilled Unliner (hole near top) (cat.# 21054-214.1)
 Inj. Temp.: 220 °C
Oven
 Oven Temp.: 100 °C to 180 °C at 10 °C/min (hold 2 min) to 300 °C at 18 °C/min (hold 10 min)
Carrier Gas
 Linear Velocity: He, constant pressure
 42 cm/sec @ 60 °C
Detector
 FPD @ 280 °C