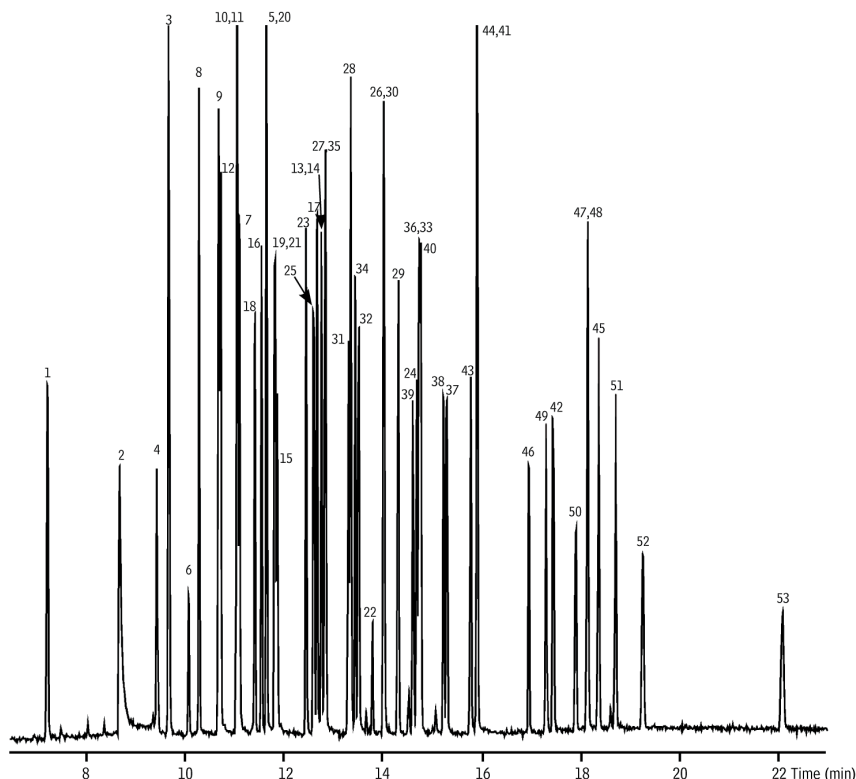


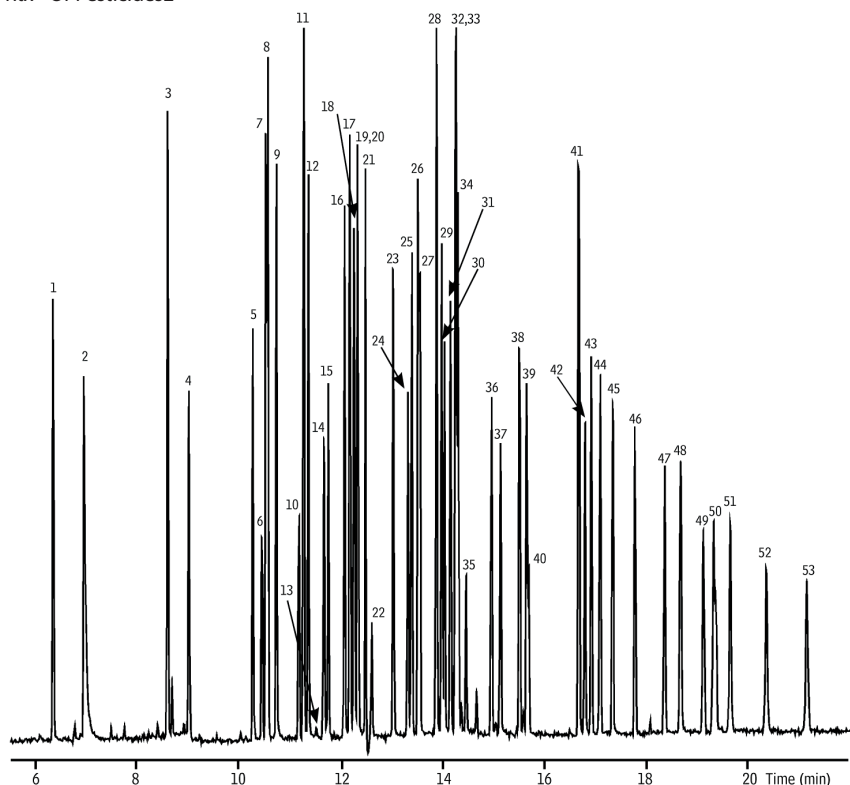
Organophosphorous Pesticides U.S. EPA Method 8141A on Rtx®-OPPesticides & Rtx-OPPesticides2

Rtx®-OPPesticides



GC_EV00394

Rtx®-OPPesticides2



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

Columns Rtx®-OPPesticides 30 m, 0.32 mm ID, 0.50 µm (cat.# 11239)
and Rtx®-OPPesticides2 30 m, 0.32 mm ID, 0.32 µm (cat.# 11241)

Sample Triphenylphosphate (cat.# 32281)
Tributylphosphate (cat.# 32280)
8140/8141 OP pesticide calibration mix A (cat.# 32277)
8141 OP pesticide calibration mix B (cat.# 32278)

Conc.: 100 ng/mL

Injection
Inj. Vol.: 1 µL splitless (hold 1 min)
Liner: Siltek® splitless taper (4 mm) (cat.# 20798-214.1)
Inj. Temp.: 200 °C

Oven
Oven Temp: 80 °C (hold 0.5 min) to 280 °C at 12 °C/min (hold 10 min)

Carrier Gas He

Dead Time: 1.03 min @ 80 °C

Detector FPD @ 250 °C

Notes Constant pressure