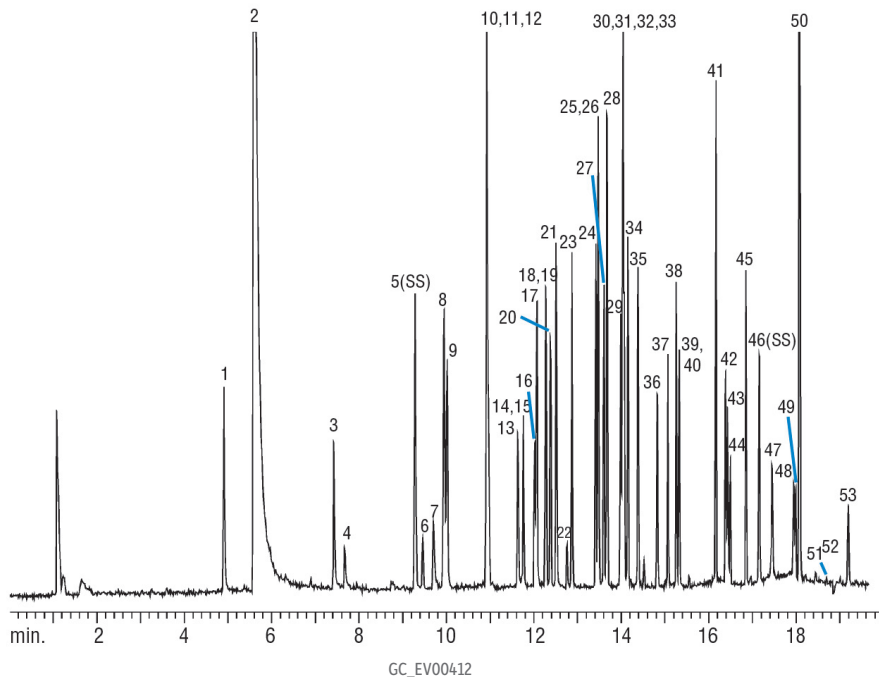


# EPA Method 8140/8141/8141A Organophosphorus Pesticides on Rtx®-35



Peaks	
1. Dichlorvos	27. Methyl parathion
2. Hexamethylphosphoramide	28. Fenitrothion
3. Mevinphos	29. Trichloronate
4. Trichlorfon	30. Chlorpyrifos methyl
5. Tributyl phosphate (SS)	31. Chlorpyrifos
6. Demeton-o	32. Merphos
7. TEPP	33. Malathion
8. Thionazin	34. Parathion-ethyl
9. Ethoprop	35. Fenthion
10. Naled	36. Chlorfenvinphos
11. Sulfotepp	37. Crotoxyphos
12. Phorate	38. merphos oxone
13. Dicrotophos	39. Prothiofos
14. Demeton-S	40. Stirofos
15. Terbufos	41. Ethion
16. monocrotophos	42. Sulprofos
17. Diazinon	43. Fensulfuthion
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. Aspon	50. Tri-o-cresyl phosphate
25. Phosphamidon	51. Azinphos-methyl
26. Ronnel	52. Azinphos-ethyl
	53. Coumaphos

<b>Column</b>	Rtx®-35, 30 m, 0.32 mm ID, 0.25 µm (cat.# 10424)
<b>Sample</b>	Custom Pesticide Mix
<b>Conc.:</b>	200 ng/mL
<b>Injection</b>	
<b>Inj. Vol.:</b>	1.0 µL splitless (hold 1.0 min)
<b>Inj. Temp.:</b>	250 °C
<b>Oven</b>	
<b>Oven Temp.:</b>	100 °C to 180 °C at 10 °C/min (hold 2 min) to 300 °C at 18 °C/min (hold 3 min)
<b>Detector</b>	FPD @ 280 °C