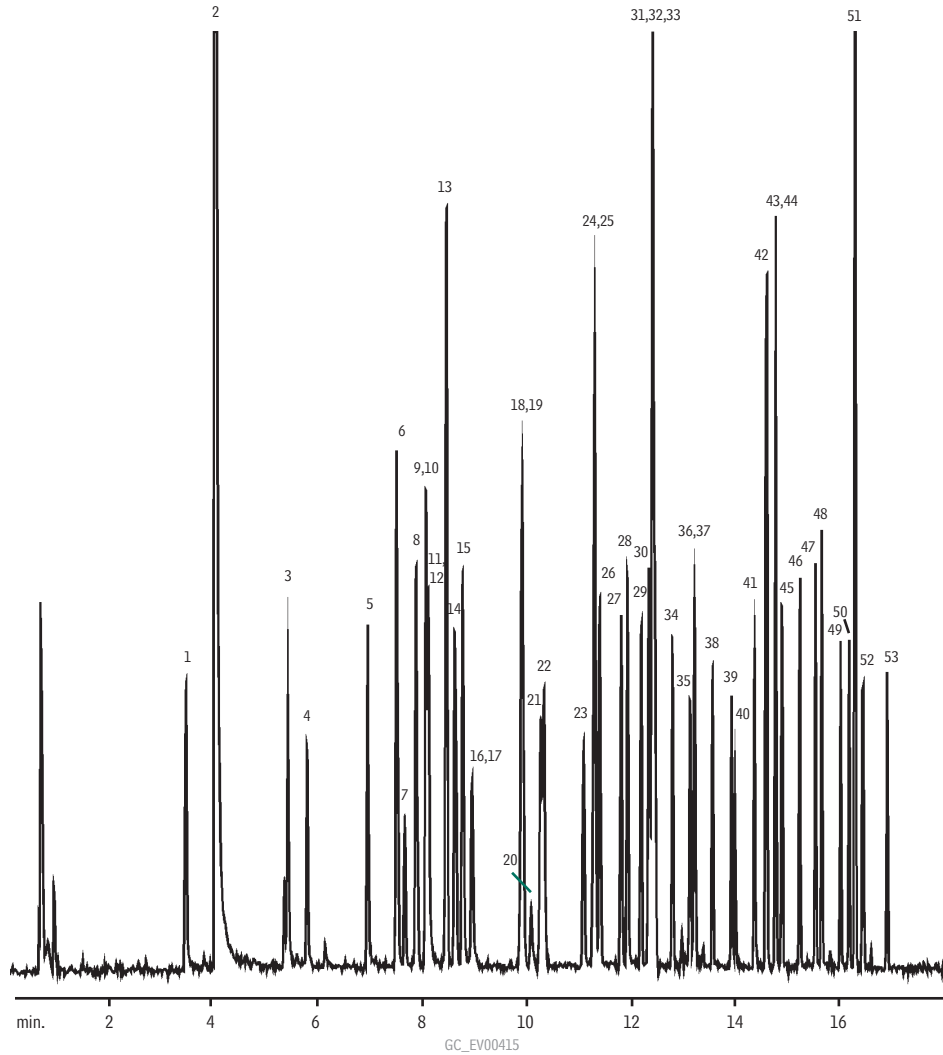


**Organophosphorus Pesticides**  
**US EPA Method 8140/8141/8141A**  
**Rtx®-1**

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



30m, 0.32mm ID, 0.50µm Rtx®-1 (cat.# 10139)  
 Total OPP custom standard mix (0.2µg/mL), 1µL US EPA Method 8141A custom standard mixes (200ng/mL)  
 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)

splitless hold time: 1 min.  
 Oven temp.: 100°C to 180°C @ 10°C/min. (hold 2 min.), to 300°C @ 18°C/min. (hold 3 min.)  
 Inj. / det. temp.: 250°C / 280°C FPD  
 Solvent: hexane  
 Dead time: 0.78min. @ 100°C, constant pressure