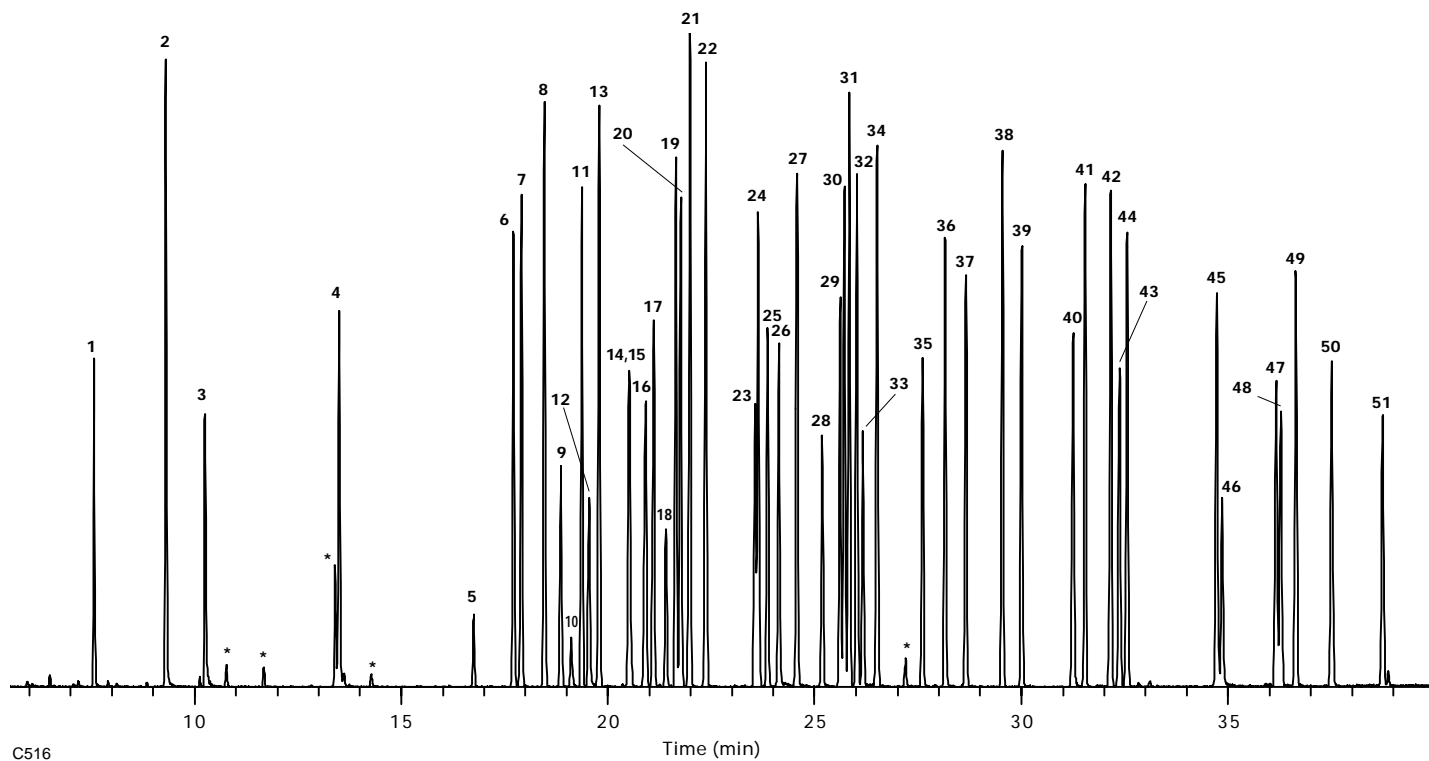


Elution of OP Pesticides

Column: DB-5ms
 30 m x 0.25 mm I.D., 0.25 µm film
J&W P/N: 122-5532
Oven: 50°C for 1 min
 50-100°C at 25°/min
 100-300°C at 5°/min
 300°C for 5 min
Carrier: Helium at 35 cm/sec, measured at 50°C
Injector: Splitless, 250°C
 30 sec purge activation time
 1 µL of 40 µg/mL 8141A standards,
 Accustandard Inc.
Detector: MSD, 50-500 full scan
 300°C transfer line



- | | | | | |
|--------------------------------|-------------------|-------------------------|---------------------|-----------------------------|
| 1. 4-Chloro-3-nitrotrifluoride | 11. Sulfotepp | 22. Disulfoton | 33. Ethyl parathion | 44. Carbofenothion |
| 2. Dichlorvos | 12. Monocrotophos | 23. Phosphamidon | 34. Trichloronate | 45. Phosmet |
| 3. Hexamethylphosphoramide | 13. Phorate | 24. Dichlofenthion | 35. Chlorfenvinphos | 46. EPN |
| 4. Mevinphos | 14. Dimethoate | 25. Chlorpyrifos-methyl | 36. Crotoxyphos | 47. Leptophos |
| 5. TEPP | 15. Demeton-S | 26. Methyl parathion | 37. Stirophos | 48. Azinphos-methyl |
| 6. Thionazin | 16. Simazine | 27. Ronnel | 38. Tokuthion | 49. Tri-o-cresylphosphate |
| 7. Demeton-O | 17. Atrazine | 28. Fenitrothion | 39. Merphos | 50. Azinphos-ethyl |
| 8. Ethoprop | 18. Dioxathion | 29. Malathion | 40. Fensulfothion | 51. Coumaphos |
| 9. Naled | 19. Terbufos | 30. Aspon | 41. Ethion | (Peak not shown on DB-1701) |
| 10. Dicrotophos | 20. Fonofos | 31. Chlorpyrifos | 42. Bolstar | * Breakdown products |
| | 21. Diazinon | 32. Fenthion | 43. Famphur | |

Note: All standards used were supplied courtesy of Accustandard Inc., 25 Science Park, New Haven, CT 06511, 800-442-5290.