

Organochlorine Pesticides, DB-5/1701P Dual Column

Columns: DB-5

30 m x 0.32 mm I.D., 0.25 µm

DB-1701P

30 m x 0.32 mm I.D., 0.21 µm

Guard Column: 10 m x 0.53 mm I.D.

3-way union

J&W P/N:

009-5007

Carrier: Helium at 29.2 cm/sec, measured at 150°C

Oven: 60°C for 0.5 min

60-140°C at 20°/min

140-280°C at 11°/min

280°C for 23 min

Injector: Splitless, 200°C

2.0 µL, 20-200 pg/µL

Detector:

ECD, 325°

Nitrogen makeup gas at 30 mL/min

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| 1. Etridiazole | 16. Chlorpyrifos | 31. <i>p,p'</i> -DDD |
| 2. Chloroneb | 17. DCPA | 32. <i>o,p'</i> -DDT |
| 3. Propachlor | 18. Isodrin | 33. Endrin aldehyde |
| 4. Tetrachloro-m-xylene (IS) | 19. Heptachlor epoxide | 34. Carbophenothion |
| 5. Trifluralin | 20. Captan | 35. <i>p,p'</i> -DDT |
| 6. α-BHC | 21. γ-Chlordane | 36. Endosulfan sulfate |
| 7. Hexachlorobenzene | 22. <i>o,p'</i> -DDE | 37. Hexabromobenzene (HBB) |
| 8. β-BHC | 23. Endosulfan I | 38. Methoxychlor |
| 9. γ-BHC | 24. α-Chlordane | 39. Mirex |
| 10. Pentachloronitrobenzene | 25. Dieldrin | 40. <i>cis</i> -Permethrin |
| 11. <i>p,p'</i> -Dichlorobiphenyl | 26. <i>p,p'</i> -DDE | 41. <i>trans</i> -Permethrin |
| 12. δ-BHC | 27. <i>o,p'</i> -DDD | 42. Decachlorobiphenyl (IS) |
| 13. Heptachlor | 28. Endrin | |
| 14. Alachlor | 29. Endosulfan II | |
| 15. Aldrin | 30. Chlorobenzilate | |

