

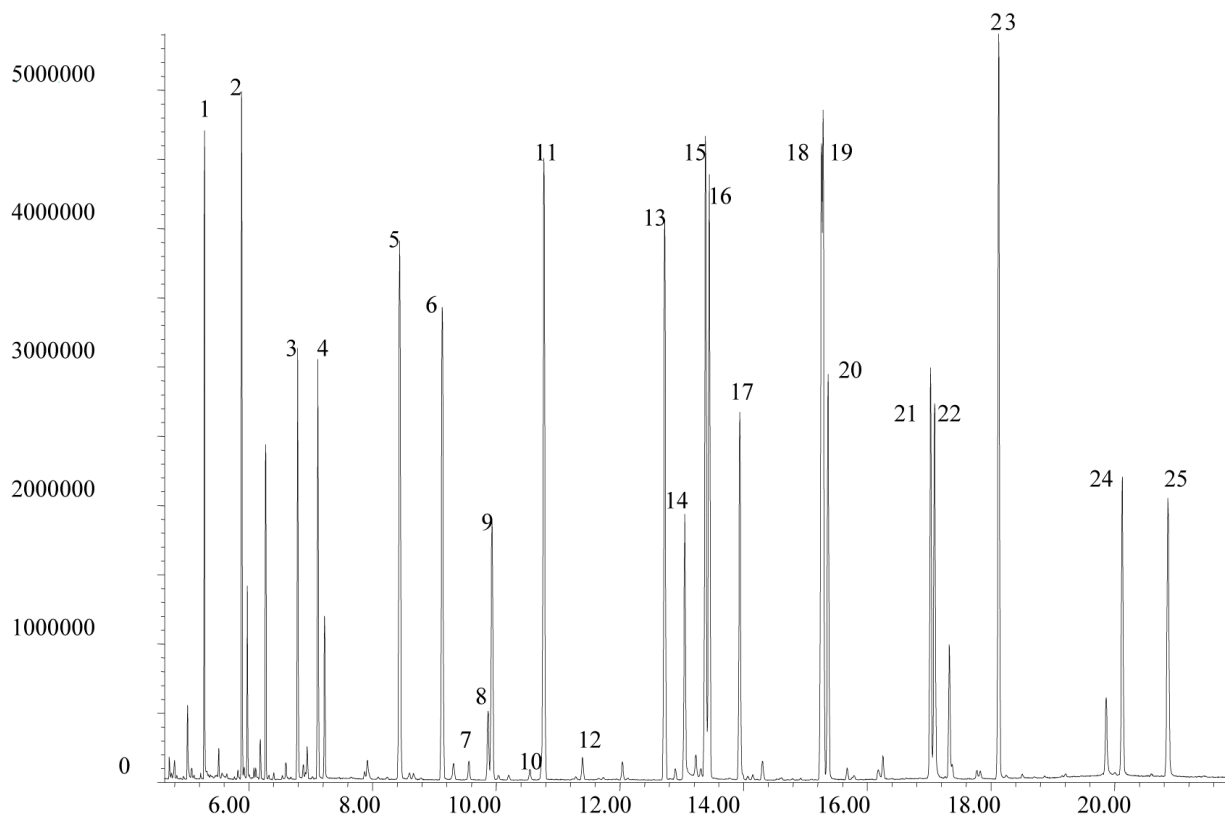
Analysis of organophosphorous pesticides (USEPA 8141)

BPX35

Column part number	054701		
Phase	BPX35	Constant flow	On
Column	30 m x 0.25 mm x 0.25 μ m	Average linear velocity	42 cm/sec at 50°C
Sample	8141 Std (10 ng/ μ L in dichloromethane)	Injection mode	Splitless
Initial temperature	50°C, 1 min	Purge on time	0.5 min
Rate 1	30°C to 190°C, 3 min	Purge on flow	60 mL/min
Rate 2	10°C to 300°C	Injection volume	1 μ L
Final temperature	300°C, 5 min	Injection temperature	250°C
Detector	MS	Autosampler	No
Carrier gas	He, 10.8 psi	Liner type	4 mm ID Double Taper
Carrier gas flow	1.3 mL/min		

Components

- | | | | |
|-------------------------------------|----------------------|-----------------------|-------------------------|
| 1. 4-chloro-3-nitrobenzotrifluoride | 8. Naled | 15. Chlorpyrifos | 22. Fensulfotion |
| 2. Dichlorvos | 9. Phorate | 16. Trichlorinate | 23. Triphenylphosph ate |
| 3. 1-bromo-2-nitrobenzene | 10. Demeton | 17. Fenthion | 24. Guthion (Azinophos) |
| 4. α -Mevinphos | 11. Diazinon | 18. Tetrachlorvinphos | 25. Coumaphos |
| 5. Tributylphoshate | 12. Disulfoton | 19. Tokuthion | |
| 6. Ethoprop | 13. Ronnel | 20. Impurity | |
| 7. Sulfotepp | 14. Methyl Parathion | 21. Impurity | |


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