

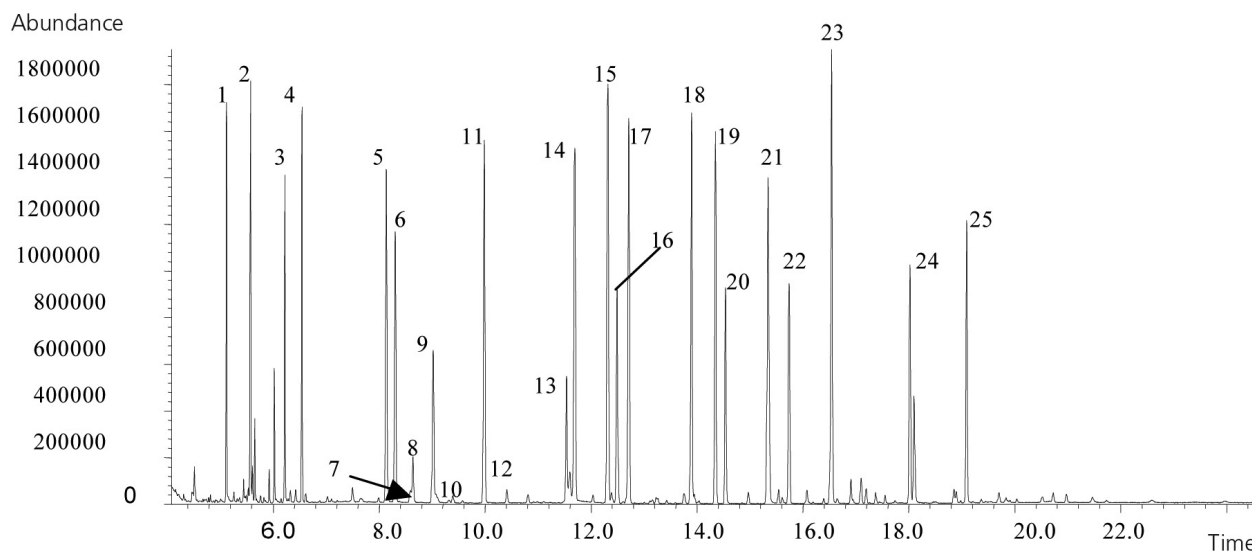
## Analysis of organophosphorous pesticides (USEPA 8141)

**BPX5**

<b>Column part number</b>	<b>054101</b>		
Phase	BPX5	Constant flow	On
Column	30 m x 0.25 mm x 0.25 $\mu$ m	Average linear velocity	42 cm/sec at 50°C
Sample	8141 Std (10 ng/ $\mu$ 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 (split) vent flow	60 mL/min
Rate 2	10°C to 300°C	Injection volume	1 $\mu$ L
Final temperature	300°C, 5 min	Injection temperature	250°C
Detector	MS	Autosampler	No
Carrier gas	He, 11.1 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. Impurity           |
| 2. Dichlorvos                       | 9. Phorate           | 16. Fenthion          | 23. Triphenylphosphate |
| 3. 1-Bromo-2-nitrobenzene           | 10. Demeton          | 17. Trichlorinate     | 24. Guthion            |
| 4. $\alpha$ -Mevinphos              | 11. Diazinon         | 18. Tetrachlorvinphos | 25. Coumaphos          |
| 5. Tri-butylphosphate               | 12. Disulfoton       | 19. Tokuthion         |                        |
| 6. Ethoprop                         | 13. Methyl parathion | 20. Impurity          |                        |
| 7. Sulfotepp                        | 14. Ronnel           | 21. Fensulfothion     |                        |


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