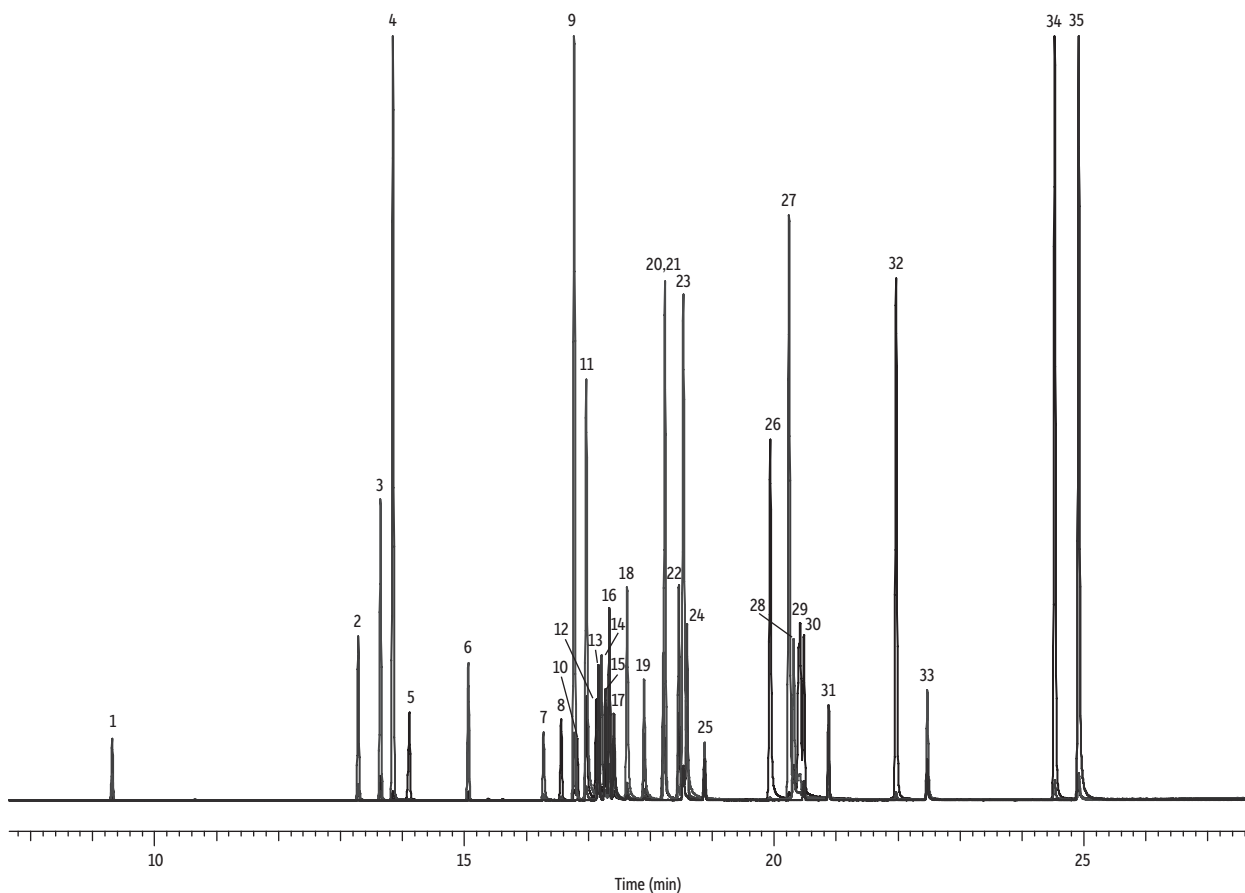


# GC Multiresidue Pesticide Standard #5-ONP on Rxi-5ms by GC-MS



GC\_FS0604

Peaks	Retention Time (min)
1. Etridiazole	9.31
2. Atrazine	13.29
3. Terbutylazine	13.64
4. Pyrimethanil	13.85
5. Terbacil	14.11
6. Vinclozolin	15.06
7. Triadimefon	16.28
8. MGK 264 1*	16.56
9. Cyprodinil	16.77
10. MGK 264 2*	16.82
11. Penconazole	16.97
12. Captan	17.13
13. Fipronil	17.17
14. Triadimenol	17.21
15. Folpet	17.28
16. Procyimidone	17.34
17. Triflumizole	17.41
18. Paclobutrazol	17.63
19. Flutriafol	17.90
20. Tricyclazole (Beam)	18.21
21. Fludioxonil	18.24
22. Myclobutanil	18.46
23. Flusilazole	18.53
24. Bupirimate	18.59
25. Chlorfenapyr	18.88
26. Lenacil	19.94
27. Hexazinone (Velpar)	20.24
28. Tebuconazole	20.31
29. Propargite	20.42
30. Captafol	20.48
31. Iprodione	20.88
32. Pyriproxyfen	21.97
33. Fenarimol	22.47
34. Etofenprox	24.53
35. Fluridone (Sonar)	24.92

\*MGK-264 isomers numbered according to elution order.

**Column** Rxi-5ms, 30 m, 0.25 mm ID, 0.25 µm (cat.# 13423)  
**Standard/Sample** GC multiresidue pesticide standard #5-ONP (cat.# 32567)  
**Diluent:** Toluene  
**Conc.:** 100 µg/mL  
**Injection**  
**Inj. Vol.:** 1 µL split (split ratio 50:1)  
**Liner:** Premium 4.0 mm ID Precision inlet liner w/wool (cat.# 23305)  
**Inj. Temp.:** 250 °C  
**Oven**  
**Oven Temp.:** 90 °C (hold 1 min) to 330 °C at 8.5 °C/min (hold 5 min)  
**Carrier Gas** He, constant flow  
**Flow Rate:** 1.4 mL/min  
**Detector** MS  
**Mode:** Scan  
**Scan Program:**

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	5	55-550	7

**Transfer Line Temp.:** 290 °C  
**Analyzer Type:** Quadrupole  
**Source Temp.:** 325 °C  
**Electron Energy:** 70 eV  
**Solvent Delay Time:** 5 min  
**Ionization Mode:** EI  
**Instrument** Thermo Scientific TSQ 8000 Triple Quadrupole GC-MS  
**Notes**

- Reconstructed chromatogram from select ions.
- Propargite isomers are only slightly resolved with this method, so they are treated as one peak, but individual retention times are 20.40 and 20.42 min.
- The reference standard is also available as part of Restek's 200+ compound GC multiresidue pesticide kit (cat.# 32562).