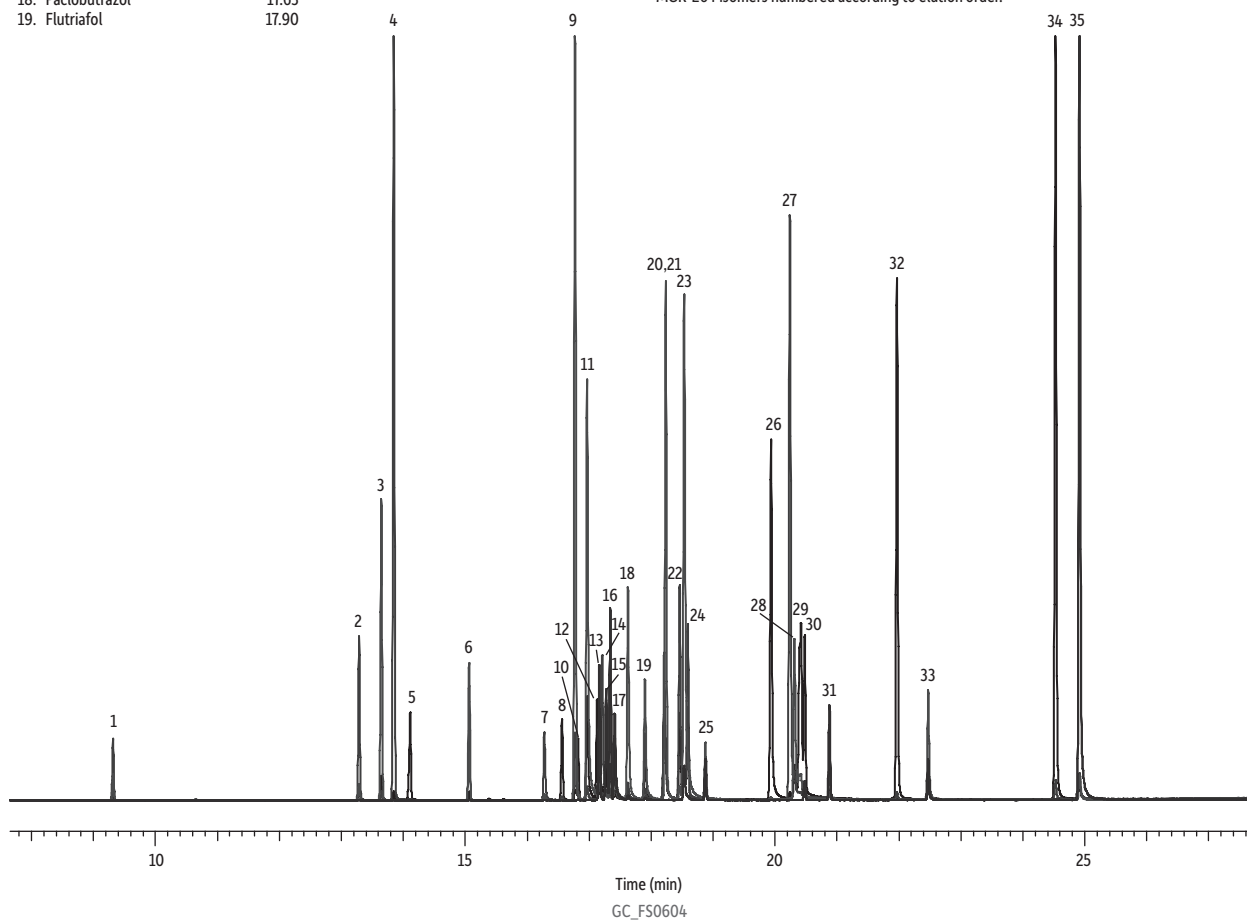


GC Multiresidue Pesticide Standard #5-ONP on Rxi®-5ms by GC-MS

Peaks	t _R (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. Procymidone	17.34
17. Triflumizole	17.41
18. Paclobutrazol	17.63
19. Flutriafol	17.90

Peaks	t _R (min)
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)
Sample GC multiresidue pesticide standard #5-ONP (cat.# 13423)
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.# 23305.1)
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 1
Start Time (min) 5
Scan Range (amu) 55-550
Scan Rate (scans/sec) 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 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.

Reconstructed chromatogram from select ions.