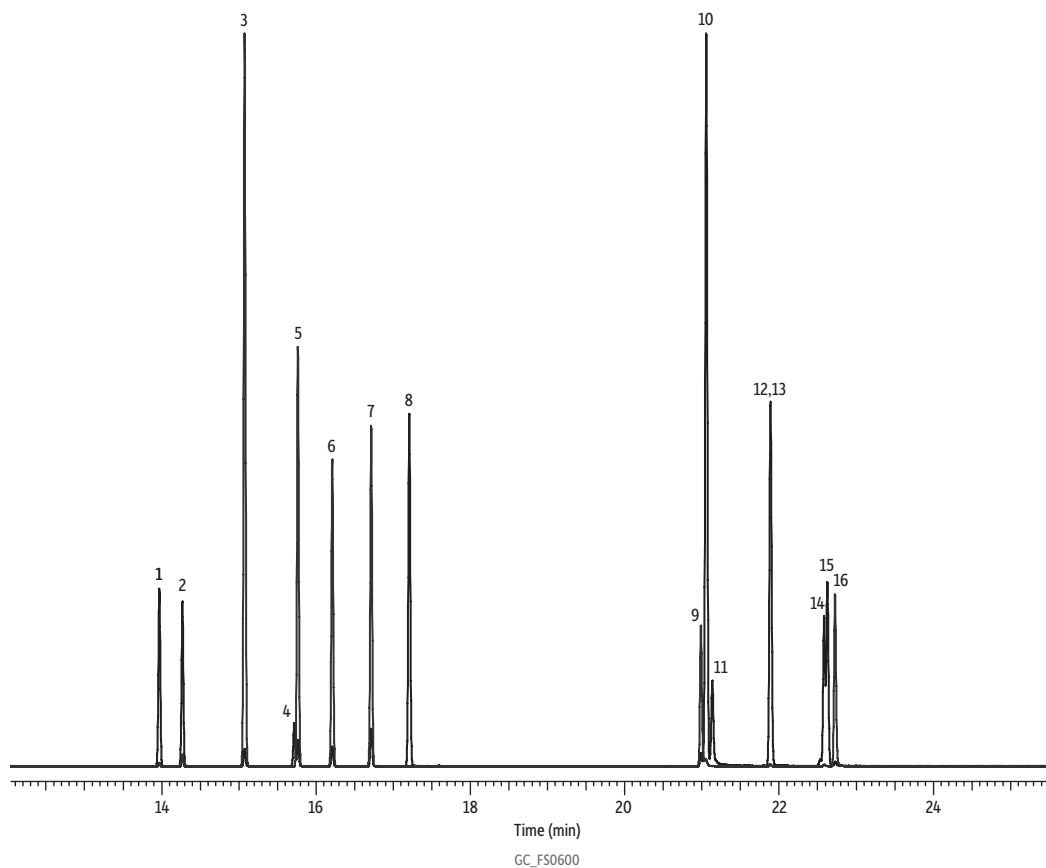


GC Multiresidue Pesticide Standard #1-OPP on Rxi-5ms by GC-MS



Peaks	tr (min)
1. Diazinon	13.97
2. Isazophos	14.27
3. Chlorpyrifos methyl	15.07
4. Fenitrothion	15.72
5. Pirimiphos methyl	15.76
6. Chlorpyrifos	16.21
7. Pirimiphos ethyl	16.71
8. Quinalphos	17.21
9. Pyridaphenthion	20.99
10. Phosmet	21.06
11. EPN	21.14
12. Phosalone	21.89
13. Azinphos methyl	21.90
14. Pyrazophos	22.58
15. Azinphos ethyl	22.63
16. Pyraclofos	22.73

Column Rxi-5ms, 30 m, 0.25 mm ID, 0.25 µm (cat.# 13423)
Standard/Sample GC multiresidue pesticide standard #1-OPP (cat.# 32563)
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 Notes
 Thermo Scientific TSQ 8000 Triple Quadrupole GC-MS
 • Reconstructed chromatogram from select ions.
 • The reference standard is also available as part of Restek's 200+ compound GC multiresidue pesticide kit (cat.# 32562).