



Restek GC

Rtx-200 GC Columns

Excellent retention and separation of intermediate polar compounds

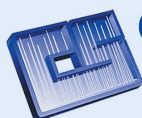
- Unique polymer composition provides excellent retention and separation of intermediate polar compounds.
- Higher thermal stability ensures low bleed for sensitive detectors.
- Stable deactivation provides consistent retention, efficiency, and inertness.
- Pro EZGC libraries for simplified method development and optimization.



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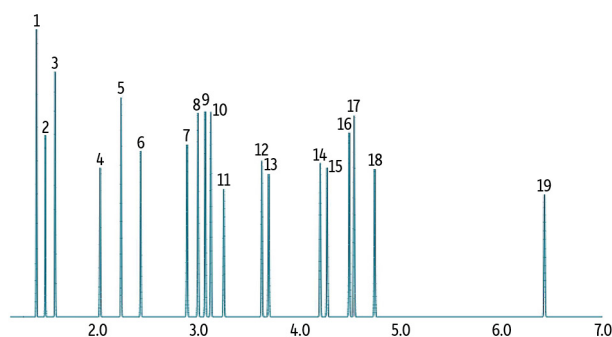
Unique Polymer Composition Enables Unique Selectivity

Restek's Rtx-200 GC columns are coated with a trifluoropropylmethylpolysiloxane stationary phase, which provides a unique selectivity for compounds that display lone pair electrons, such as ketones, aldehydes, nitro-containing compounds, and halogen-containing compounds. The distinctive polarity of Rtx-200 columns ensures separations that often cannot be achieved with either nonpolar or polar columns—making them suitable for a broad range of analyses.

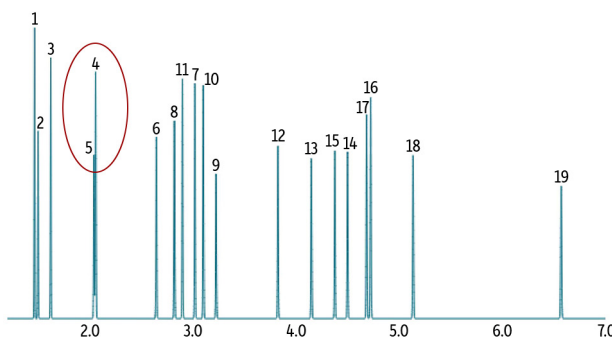
Using our Pro EZGC software to model GC separations, the retention of several common solvents was determined for three columns of different polarities: a nonpolar Rtx-1 column, a midpolar Rxi-624Sil MS column, and the selective Rtx-200 column (Figure 1). Under identical analytical conditions, Rtx-200 columns provide complete resolution of these solvents and a different elution order compared to either a Rtx-1 or Rxi-624Sil MS column.

Figure 1: The unique polarity of Rtx-200 columns separates common solvents better than a nonpolar Rtx-1 column, or a midpolar Rtx-624Sil MS column.

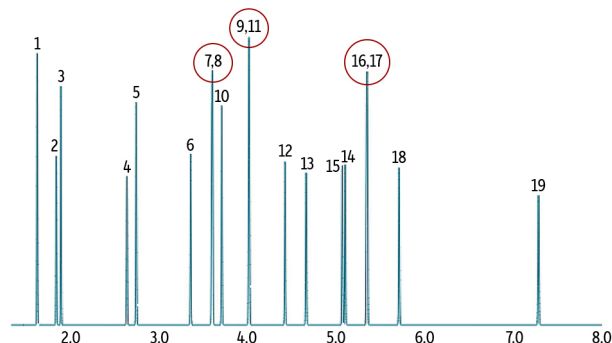
Rtx-200



Rtx-1



Rtx-624Sil MS



Peaks

1. Chloromethane
2. Methanol
3. Bromomethane
4. Methylene Chloride
5. *tert*-Butyl Alcohol
6. Chloroform
7. Benzene
8. 1,2-Dichloroethane
9. Dibromomethane
10. Fluorobenzene
11. 2-Chloroethanol
12. Toluene
13. Tetrachloroethene
14. Ethylbenzene
15. Chlorobenzene
16. *o*-Xylene
17. Styrene
18. *n*-Propylbenzene
19. Naphthalene

Conditions

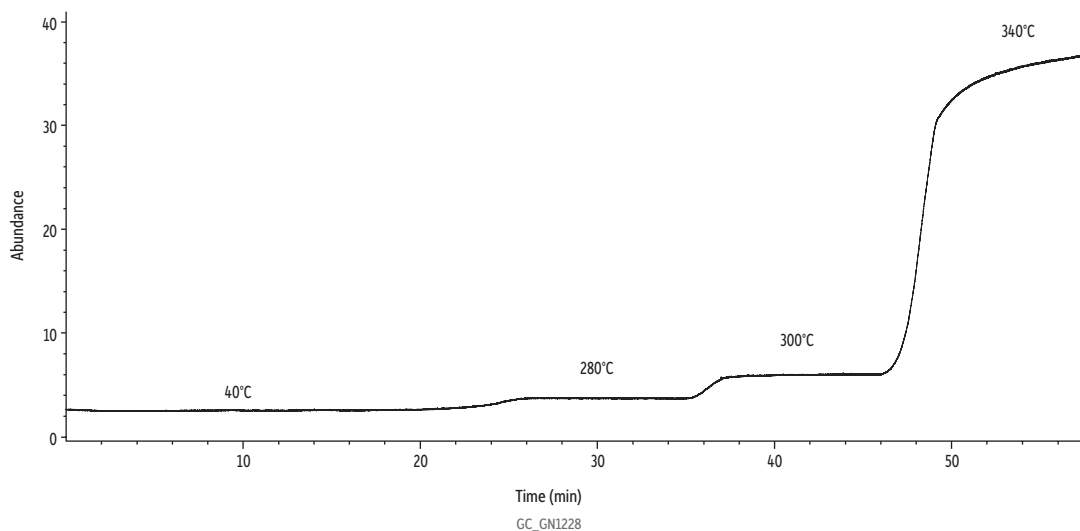
Column: 30 m, 0.32 mm ID, 1.0 μ m
Carrier Gas: Helium, Constant Flow @ 2.0 mL/min
Average Velocity: 40.88 cm/sec
Outlet Pressure (abs): 14.70 psi
Oven Temp.: 35 $^{\circ}$ C (hold 1 min) to 235 $^{\circ}$ C @ 30 $^{\circ}$ C/min

High Thermal Stability and Low Bleed—Ready for MS

The stable column chemistry of Rtx-200 allows thermal stability to 360 °C with low bleed. The high thermal stability of the Rtx-200 phase makes it compatible with sensitive detectors and analyses that require high temperatures.

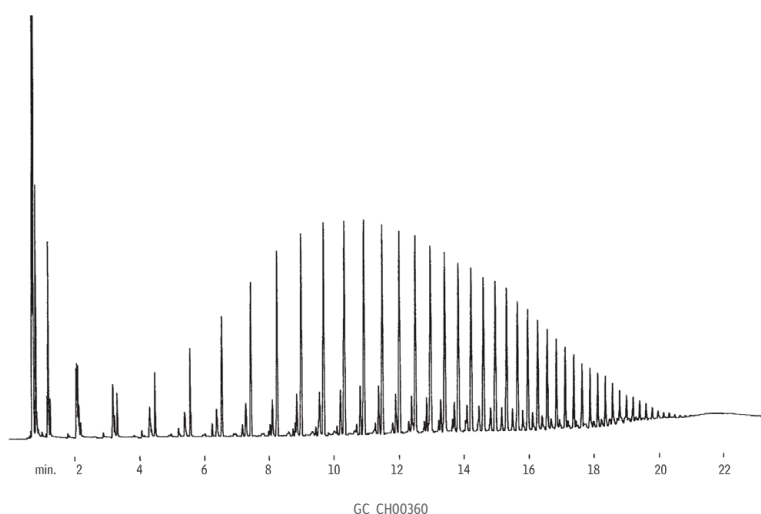
For applications that require even lower bleed, our Rtx-200MS columns have a bleed specification lower than that of Rtx-200, making them ideal for labs using sensitive mass specs.

Figure 2: The excellent thermal stability of Rtx-200 columns ensures low bleed, even at elevated temperatures.



Column: Rtx-200ms, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 15623); **Standard/Sample:** Instrument blank; **Injection:** split; **Oven:** Oven Temp.: 40 °C to 280 °C at 10 °C/min (hold 10 min) to 300 °C at 20 °C/min (hold 10 min) to 340 °C at 20 °C/min (hold 10 min); **Carrier Gas:** He, constant flow; **Flow Rate:** 1.4 mL/min; **Linear Velocity:** 32.113 cm/sec @ 40 °C; **Dead Time:** 1.54 min @ 40 °C; **Detector:** FID @ 300 °C; **Make-up Gas Flow Rate:** 30 mL/min; **Hydrogen flow:** 40 mL/min; **Air flow:** 400 mL/min; **Data Rate:** 50 Hz; **Instrument:** Agilent 7890B GC

Figure 3: Rtx-200 columns exhibit low bleed at 360 °C, even for high molecular weight compounds like siloxanes that require higher temperatures.



Column: Rtx-200, 15 m, 0.25 mm ID, 0.25 μ m (cat.# 15020); **Standard/Sample:** Polymethyl siloxane; **Injection:** Inj. Vol.: 1.0 μ L split; **Inj. Temp.:** 250 °C; **Oven:** Oven Temp.: 40 °C to 360 °C at 15 °C/min (hold 30 min); **Carrier Gas:** H₂, constant flow; **Linear Velocity:** 40 cm/sec; **Detector:** FID @ 360 °C; **Notes:** FID sensitivity: 5.12 x 10⁻¹⁰ AFS; **Split vent:** 40 cc/min.

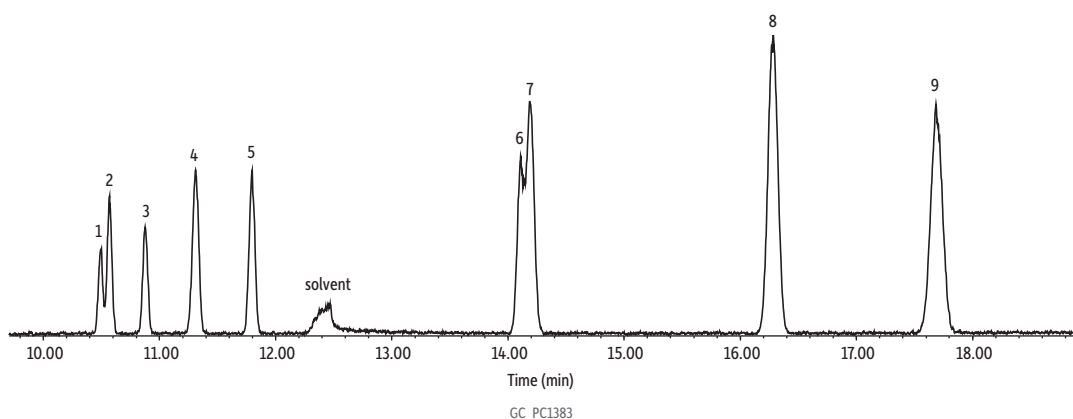
Versatile

Rtx-200 columns are available in a variety of dimensions (lengths, IDs, and film thicknesses), and can be used for a broad range of applications, from solvents to silanes to pesticides. Due to its neutrality and inertness, Rtx-200 columns can be used to analyze acidic, basic, or neutral compounds. Its unique polarity also makes it an ideal confirmation column for many analyses because it will produce a different elution pattern compared to most other stationary phases.

CFCs

The Rtx-200 is the best non-PLOT column option that can be used with GC-MS without the need for a particle trap or cryofocusing for chlorofluorocarbons (CFCs). This stationary phase's unique selectivity exhibits the best retention and separation of these specific commonly found halogenated compounds (Figure 4).

Figure 4: Rtx-200 columns exhibit excellent retention and separation of chlorofluorocarbons (CFCs).



	tr (min)		tr (min)
1. Dichlorodifluoromethane	10.489	6. Vinyl bromide	14.114
2. Chlorodifluoromethane	10.578	7. Trichloromonofluoromethane	14.196
3. Ethane, 1,1-difluoro-	10.879	8. 2,2-Dichloro-1,1,1-trifluoroethane	16.282
4. Dichlorotetrafluoroethane	11.309	9. 1,1,2-Trichlorotrifluoroethane	17.693
5. Ethane, 1-chloro-1,1-difluoro-	11.797		

Column Rtx-200, 105 m, 0.25 mm ID, 1.00 μ m (cat.# 15059)
Standard/Sample Dichlorodifluoromethane (cat.# 30275)
 Freons standard (cat.# custom)
 Trichlorofluoromethane (cat.# 30421)

Diluent: Methanol
Conc.: 500 ppm

Injection

Inj. Vol.: 1 μ L split (split ratio 400:1)
Liner: Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)
Inj. Temp.: 250 $^{\circ}$ C
Split Vent Flow Rate: 400 mL/min
Gas Saver Time: 2 min
Gas Saver Flow Rate: 20 mL/min

Oven

Oven Temp.: 32 $^{\circ}$ C (hold 20 min)
Carrier Gas He, constant flow
Flow Rate: 1 mL/min
Linear Velocity: 19.303 cm/sec @ 32 $^{\circ}$ C
Dead Time: 9.553 min @ 40 $^{\circ}$ C

Detector

Mode: MS
Scan Program: Scan

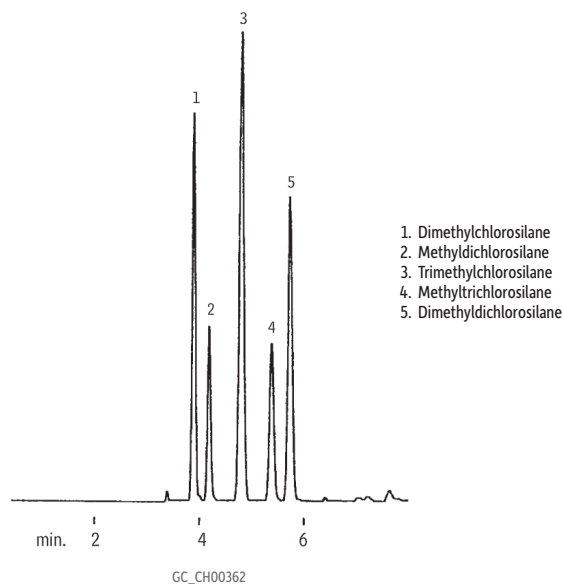
Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	10	50-500	10.8

Transfer Line Temp.: 250 $^{\circ}$ C
Analyzer Type: Quadrupole
Source Type: Extractor
Source Temp.: 230 $^{\circ}$ C
Quad Temp.: 150 $^{\circ}$ C
Electron Energy: 1708 eV
Tune Type: PFTBA
Ionization Mode: EI
Instrument Agilent 7890B GC & 5977B MSD
Sample Preparation Standards were combined and diluted to 500 ppm, then transferred to a 2 mL vial (cat.# 21142) and capped with a short screw cap (cat.# 24498).

Chlorosilanes

Chlorosilanes are volatile, reactive compounds used as silylating agents and intermediates for silicone synthesis. Due to their highly reactive nature, these compounds are difficult to analyze by GC. However, a 60 m, 0.53 mm ID 3.0 µm Rtx-200 column can successfully analyze a wide range of chlorosilane compounds (Figure 5).

Figure 5: Reactive chlorosilanes analyzed using a 60 m Rtx-200 column.



Column	Rtx-200, 60 m, 0.53 mm ID, 3.00 µm (cat.# 15088)
Standard/Sample	Methyl silanes
Injection	
Inj. Vol.:	0.5 µL split
Inj. Temp.:	200 °C
Oven	
Oven Temp.:	40 °C to 250 °C at 8 °C/min (hold 5 min)
Carrier Gas	H ₂ , constant flow
Linear Velocity:	40 cm/sec
Detector	FID @ 270 °C
Notes	FID sensitivity: 1.02 x 10 ⁻⁹ AFS Split vent: 40 cc/min

Model Separations on Our Pro EZGC Software

Restek's free Pro EZGC chromatogram modeler makes it easy to simulate your analysis in minutes without stepping foot into the lab.

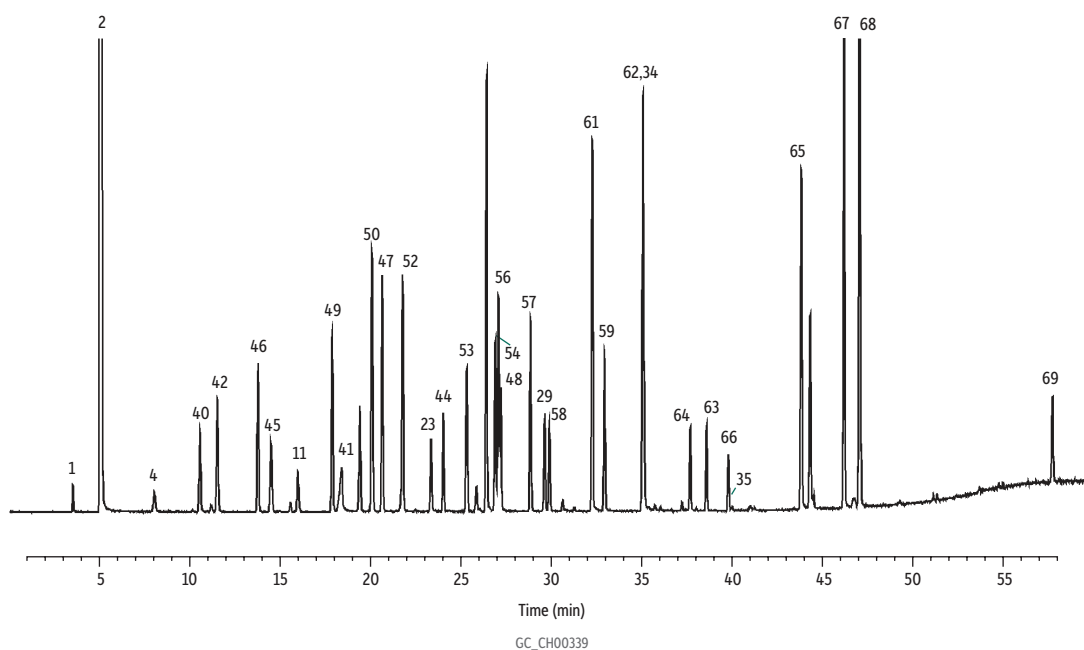
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Solvents

Testing solvent purity or analyzing solvents from manufacturing processes requires a column that quickly and accurately resolves a variety of industrial solvents. Rtx-200 columns are ideal for analyzing a wide range of common industrial solvents (Figure 6).

Figure 6: Rtx-200 columns can quickly and accurately analyze a wide variety of common solvents.



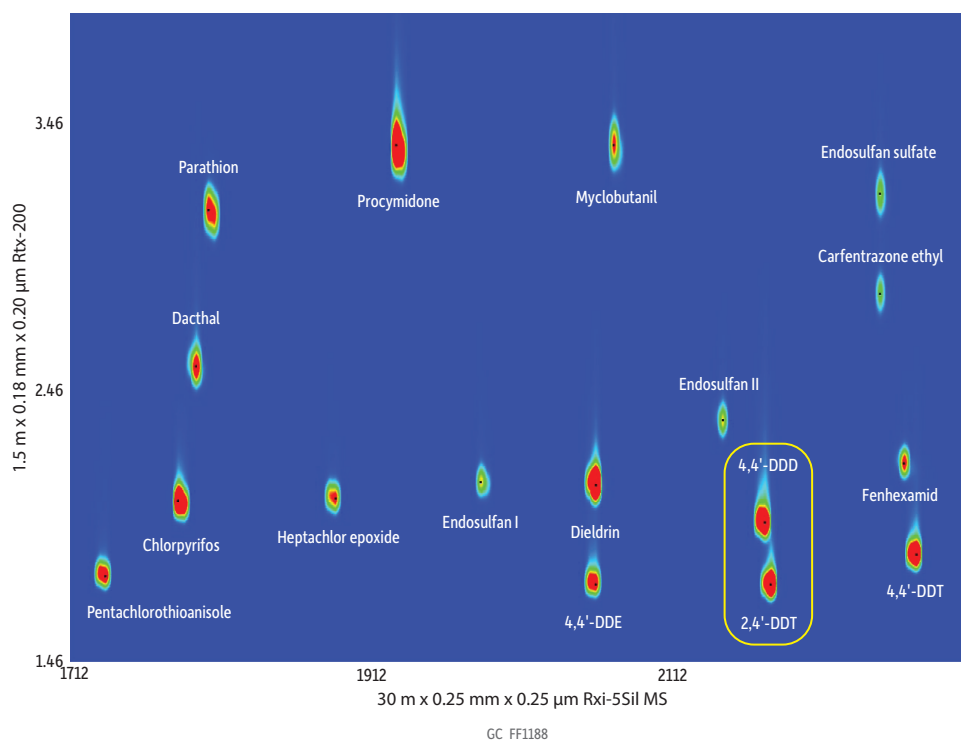
- | | | | |
|-----------------------------|-----------------------------------|------------------------------------|------------------------------------|
| 1. Pentane | 27. Dodecane | 53. 2,6-Dimethyl-4-heptanone | 79. Cyclopentanone |
| 2. Methylene chloride | 28. Undecanal | 54. 2-Octanone | 80. 2-Hexanol |
| 3. Ethylene glycol | 29. Tridecane | 55. <i>o</i> -Cresol | 81. Butyl acetate |
| 4. Heptane | 30. Unknown | 56. α -Methylbenzyl alcohol | 82. 2-Ethyl-1-butanol |
| 5. Cyclopentanol | 31. Dodecanal | 57. 5-Nonanone | 83. 3-Ethyl-3-pentanol |
| 6. 3-Hexanol | 32. Dicyclohexylamine | 58. Nonanal | 84. 1,4-Dichlorobutane |
| 7. Acetamide | 33. Bis(2,2-methoxy)ethyl ether | 59. Decanal | 85. 2-Methyl-2,4-pentanediol |
| 8. 2-Methyl-1-pentanol | 34. Pentadecane | 60. Unknown | 86. Butoxyethanol |
| 9. Furfuryl alcohol | 35. Heptadecane | 61. 1-Decanol | 87. 1,2,3-Trichloropropane |
| 10. Butyl ether | 36. Octadecane | 62. 1-Undecanol | 88. 1,4-Butanediol |
| 11. Nonane | 37. Nonadecane | 63. 2-Dodecanone | 89. Methyl hexanoate |
| 12. Cumene | 38. Eicosane | 64. 1-Dodecanol | 90. 1,2,4-Trimethylbenzene |
| 13. Ethyl amyl ketone | 39. Acetyl tributyl citrate | 65. Tetraethylene glycol | 91. 2-Ethyl-1-hexanol |
| 14. Heptanol | 40. 2-Buten-1-ol | 66. Dibenzyl | 92. Dipentene/limonene |
| 15. Butyl butanoate | 41. Formamide | 67. Diethyl phthalate | 93. Tetrahydrofurfuryl acetate |
| 16. Unknown | 42. 3-Pentanol | 68. Tributyl phosphate | 94. Unknown |
| 17. Benzyl alcohol | 43. 1-Nitropropane | 69. Diphenyl sulfone | 95. Decahydronaphthalene |
| 18. Dipropylene glycol | 44. Dimethylformamide | 70. Allyl alcohol | 96. Unknown |
| 19. Benzene, diethyl- | 45. 2-Methyl-3-pentanol | 71. Unknown | 97. Unknown |
| 20. Unknown | 46. Toluene | 72. Isopropyl acetate | 98. 2-Decanol |
| 21. Unknown | 47. Ethyl chloroacetate | 73. Benzene | 99. 1,2-Bis(2-methoxyethoxy)ethane |
| 22. Hexachloroethane | 48. Dimethylacetamide | 74. 2-Nitropropane | 100. 2-Phenoxyethanol |
| 23. Undecane | 49. <i>p</i> -Xylene | 75. Nitroethane | 101. Unknown |
| 24. 1-Nonanol | 50. <i>sec</i> -Tetrachloroethane | 76. Pentanal | 102. Benzyl ether |
| 25. <i>p</i> -Methoxyphenol | 51. Benzaldehyde | 77. 2-Bromobutane | |
| 26. Triethylene glycol | 52. <i>o</i> -Chlorotoluene | 78. 1-Chloropentane | |

Column Rtx-200, 60 m, 0.53 mm ID, 3.00 μ m (cat.# 15088)
Sample Solvent mix #2
Injection
 Inj. Vol.: 1.0 μ L split
 Inj. Temp.: 275 $^{\circ}$ C
 Split Vent
 Flow Rate: 50 mL/min
Oven
 Oven Temp.: 40 $^{\circ}$ C (hold 5 min) to 285 $^{\circ}$ C at 5 $^{\circ}$ C/min
Carrier Gas He, constant flow
 Linear Velocity: 40 cm/sec
Detector MS
 Mode: Scan
 Source Temp.: 285 $^{\circ}$ C
Notes TIC using open split interface (OSI).

Pesticides in Dietary Supplements GCxGC (Secondary Column)

As shown by the extensive spread along the x and y axes, a GCxGC analysis with Rxi-5Sil MS and Rtx-200 columns easily separates and quantifies compounds with isobaric interferences, such as 2,4'-DDT and 4,4'-DDD (Figure 7).

Figure 7: Excellent two-dimensional separation of pesticides using orthogonal column set of Rxi-5Sil MS and Rtx-200 columns. Note 2D separation of compounds that have isobaric interferences when coeluting on Rxi-5Sil MS, 2,4'-DDT and 4,4'-DDD.

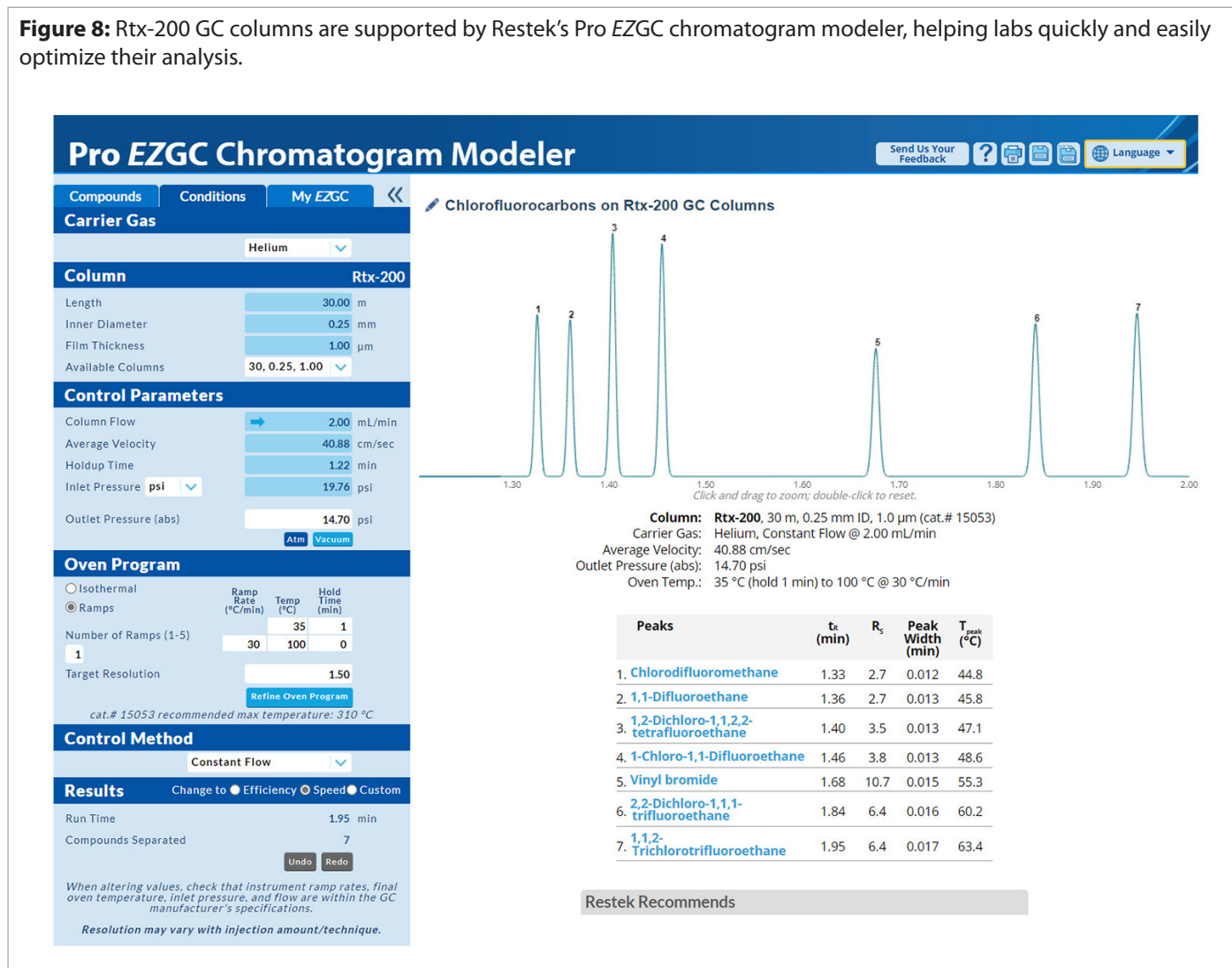


Column	Rxi-5Sil MS 30 m, 0.25 mm ID, 0.25 µm (cat.# 13623) Rtx-200 1.5 m, 0.18 mm ID, 0.20 µm (cat.# 45001)
Standard/Sample	Mixed pesticide standard
Diluent:	Toluene
Conc.:	2 ng/µL
Injection	
Inj. Vol.:	1 µL splitless (hold 1 min)
Liner:	Gooseneck Splitless (4mm) w/Wool (cat.# 22405)
Inj. Temp.:	250 °C
Purge Flow:	40 mL/min
Oven	
Oven Temp.:	Rxi-5Sil MS: 80 °C (hold 1 min) to 310 °C at 4 °C/min (hold 1.5 min) Rtx-200: 90 °C (hold 1 min) to 320 °C at 4 °C/min (hold 1.5 min)
Carrier Gas	He, constant flow
Flow Rate:	1.8 mL/min
Modulation	
Modulator Temp. Offset:	25 °C
Second Dimension	
Separation Time:	4 sec
Hot Pulse Time:	1.2 sec
Cool Time between Stages:	0.8 sec
Detector	TOFMS
Transfer Line Temp.:	290 °C
Analyzer Type:	TOF
Source Temp.:	225 °C
Electron Energy:	70 eV
Mass Defect:	-20 mu/100 u
Solvent Delay Time:	4 min
Ionization Mode:	EI
Acquisition Range:	45 to 550 amu
Spectral Acquisition Rate:	100 spectra/sec
Instrument	LECO Pegasus 4D GCxGC-TOFMS
Notes	See application note GNAN1338 for extraction and cleanup details. A 1.5 m length of the Rtx-200 column was trimmed from a 10 m column. Columns were connected with a Universal Press-Tight Connector (cat.# 20429). See chromatogram GC_FF1187 for full scale view.

Simplified Analysis Optimization with Pro EZGC Software

Rtx-200 columns are supported by our Pro EZGC chromatogram modeler, allowing labs to simplify their analysis optimization. This free, easy-to-use software helps you perform GC method optimization and method development in minutes—without needing to use an instrument.

Figure 8: Rtx-200 GC columns are supported by Restek's Pro EZGC chromatogram modeler, helping labs quickly and easily optimize their analysis.



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Rtx-200 GC Capillary Columns (fused silica)

- Unique polymer composition provides excellent retention and separation of a broad range of polar compounds, such as solvents, chlorofluorocarbons, alcohols, ketones, silanes, and siloxanes.
- Excellent second dimension column for GC x GC.
- Temperature range: -20°C to 360°C.
- Equivalent to USP G6 phase.



Cat.#	ID	df	Length	Units
45002	0.18 mm	0.20 µm	20 m	ea.
45003	0.18 mm	0.20 µm	40 m	ea.
45011	0.18 mm	0.40 µm	20 m	ea.
45012	0.18 mm	0.40 µm	40 m	ea.
15023	0.25 mm	0.25 µm	30 m	ea.
15026	0.25 mm	0.25 µm	60 m	ea.
15029	0.25 mm	0.25 µm	105 m	ea.
15038	0.25 mm	0.50 µm	30 m	ea.
15041	0.25 mm	0.50 µm	60 m	ea.
15044	0.25 mm	0.50 µm	105 m	ea.
15050	0.25 mm	1.0 µm	15 m	ea.
15053	0.25 mm	1.0 µm	30 m	ea.
15056	0.25 mm	1.0 µm	60 m	ea.
15059	0.25 mm	1.0 µm	105 m	ea.
15009	0.32 mm	0.10 µm	30 m	ea.
15024	0.32 mm	0.25 µm	30 m	ea.
15027	0.32 mm	0.25 µm	60 m	ea.
15039	0.32 mm	0.50 µm	30 m	ea.
15042	0.32 mm	0.50 µm	60 m	ea.
15045	0.32 mm	0.50 µm	105 m	ea.
15051	0.32 mm	1.0 µm	15 m	ea.
15054	0.32 mm	1.0 µm	30 m	ea.
15057	0.32 mm	1.0 µm	60 m	ea.
15060	0.32 mm	1.0 µm	105 m	ea.
15069	0.32 mm	1.5 µm	30 m	ea.
15072	0.32 mm	1.5 µm	60 m	ea.
15075	0.32 mm	1.5 µm	105 m	ea.
15040	0.53 mm	0.50 µm	30 m	ea.
15043	0.53 mm	0.50 µm	60 m	ea.
15052	0.53 mm	1.0 µm	15 m	ea.
15055	0.53 mm	1.0 µm	30 m	ea.
15058	0.53 mm	1.0 µm	60 m	ea.
15070	0.53 mm	1.5 µm	30 m	ea.
15073	0.53 mm	1.5 µm	60 m	ea.
15085	0.53 mm	3.0 µm	30 m	ea.
15088	0.53 mm	3.0 µm	60 m	ea.
15091	0.53 mm	3.0 µm	105 m	ea.

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Rtx-200ms Low-Bleed GC Capillary Columns (fused silica)

- Rtx-200ms columns exhibit low bleed for use with sensitive detectors.
- Temperature range: -20°C to 340°C.
- Equivalent to USP G6 phase.

Cat.#	ID	df	Length	Units
15620	0.25 mm	0.25 µm	15 m	ea.
15623	0.25 mm	0.25 µm	30 m	ea.
15635	0.25 mm	0.50 µm	15 m	ea.
15638	0.25 mm	0.50 µm	30 m	ea.
15653	0.25 mm	1.0 µm	30 m	ea.
15624	0.32 mm	0.25 µm	30 m	ea.
15639	0.32 mm	0.50 µm	30 m	ea.
15654	0.32 mm	1.0 µm	30 m	ea.
15640	0.53 mm	0.50 µm	30 m	ea.
15655	0.53 mm	1.0 µm	30 m	ea.
15670	0.53 mm	1.5 µm	30 m	ea.



Rtx-200 Secondary GC Capillary Columns for GCxGC (fused silica)

- Convenient 2 m length is ideal for use as a secondary column in GCxGC analyses.
- Temperature range: -20°C to 340°C.

Cat.#	ID	df	Length	Units
15111	0.15 mm	0.15 µm	2 m	ea.
15117	0.18 mm	0.18 µm	2 m	ea.
15124	0.25 mm	0.25 µm	2 m	ea.



Topaz Straight Inlet Liner

ID x OD x Length	Packing	Similar to Part #	qty.	cat.#
4.0 mm x 6.3 mm x 78.5 mm	Quartz Wool	Agilent 19251-60540 (ea.); 5183-4691 (5-pk.); 5183-4692 (25-pk.); 5190-2294 (ea.); 5190-3164 (5-pk.); 5190-3168 (25-pk.); 5190-3172 (100-pk.)	5-pk.	23300



Topaz Single Taper Inlet Liner

ID x OD x Length	Similar to Part #	qty.	cat.#
4.0 mm x 6.5 mm x 78.5 mm	Agilent 5181-3316 (ea.); 5183-4695 (5-pk.); 5183-4696 (25-pk.); 5190-2292 (ea.); 5190-3162 (5-pk.); 5190-3166 (25-pk.); 5190-3170 (100-pk.)	5-pk.	23302

Restek's Topaz GC inlet liners feature revolutionary technology and inertness to deliver the next level of:

- Deactivation
- Reproducibility
- Productivity



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Topaz Single Taper with Quartz Wool Inlet Liner

ID x OD x Length	Packing	Similar to Part #	qty.	cat.#
4.0 mm x 6.5 mm x 78.5 mm	Quartz Wool	Agilent 5062-3587 (ea.); 5183-4693 (5-pk.); 5183-4694 (25-pk.); 5190-2293 (ea.); 5190-3163 (5-pk.); 5190-3167 (25-pk.); 5190-3171 (100-pk.)	5-pk.	23303



Topaz Precision Inlet Liner

ID x OD x Length	Packing	Similar to Part #	qty.	cat.#
4.0 mm x 6.3 mm x 78.5 mm	Quartz Wool	Agilent 210-4004-5	5-pk.	23305



FastPack Inlet Kits for Agilent GCs

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- Economical: costs less than the sum of the individual parts.
- Clean: Mylar bag is factory sealed; no contamination of the products from weeks in the lab.

Each kit includes Viton O-ring; 0.8 mm ID gold-plated inlet seal and washer; 11 mm Thermolite Plus CenterGuide septum



Type	qty.	cat.#
4 mm Topaz Straight Liner	pack of 5 kits	21101
4 mm Topaz Single Taper	pack of 5 kits	21102
4 mm Topaz Straight with Wool	pack of 5 kits	21104
4 mm Topaz Single Taper Splitless with Wool	pack of 5 kits	23258
4 mm Topaz Precision with Wool	pack of 5 kits	23259

Restek Electronic Leak Detector

New and improved! Prevent small leaks from causing big problems with a Restek leak detector.

- Detects a broad range of gases and indicates leak severity with both an LED display and audible tone.
- No more waiting for a full charge—can be operated during charging or used up to 12 hours between charges.
- Charging kit includes both universal AC power adaptor and USB charging cable, so you can charge anywhere, anytime.
- Pinpoint very small gas leaks quickly and accurately before they cause damage and downtime.
- Compact, handheld unit is easy to operate and convenient to use anywhere you need to check for leaks.



cat.#	Product Name	Includes	Units
28500	Restek Electronic Leak Detector	carrying case, universal AC power adaptor [U.S., UK, Europe, Australia, Japan], 6-ft USB charging cable	ea.

Avoid using liquid leak detectors on a GC! Liquids can be drawn into the system and/or into the leak detector.

*Caution: The Restek electronic leak detector should only be used to detect trace amounts of hydrogen in a noncombustible environment. It is NOT designed for determining leaks in a combustible environment. A combustible gas detector should be used for determining combustible gas leaks under any condition. When using it to detect hydrogen, the Restek electronic leak detector may only be used for determining trace amounts in a GC environment.



22656

Flowmeter Specifications

Type of Flowmeter: Volumetric
Battery: 2-AA
Operating Temp. Range: 32–120 °F (0–48 °C)
Warranty: One-year warranty (excludes recalibration)
Certification/Compliance: CE, Ex, Canadian ICES-003, WEEE, RoHS 2, China RoHS 2, UKCA

Restek ProFLOW 6000 Electronic Flowmeter

The Restek ProFLOW 6000 is the only flowmeter you need for any type of chromatography gas measurement because of its wide range of capabilities. The ProFLOW 6000 is an electronic meter capable of measuring volumetric flow for most gases. Real-time measurements can be made for various types of flow paths, including continually changing gas types. This portable unit is designed for easy handheld use, and the stand adds benchtop convenience.

- Measures volumetric flow for gases across a range of 0.5–500 mL/min.
- NIST traceable calibration.
- Ex rating (electrical apparatus for explosive gas atmospheres) for hydrogen and related gas types.
- Accuracy of ± 2.00% of flow reading or ± 0.200 mL/min, whichever is greater.
- Over-range warning indicator.
- Auto shutoff feature.
- Use as a benchtop or handheld unit.
- Ergonomic design and side grips for comfort.
- Measures most gas types.*
- Convenient carrying/storage case included.
- Uses two AA batteries (included).
- Data output via USB port.
- One-year warranty (excludes recalibration).
- Recalibration service available.

*The flowmeter is designed to measure clean, dry, noncorrosive gases.

Cat.#	Product Name	Units
22656	Restek ProFLOW 6000 Electronic Flowmeter with Hard-Sided Carrying Case	ea.

Patented

Be Certain with Restek Reference Standards

Precision data can only be delivered by high-purity, rigorously controlled reference standards. With decades of chemical expertise, Restek standards ensure accuracy and reliability.

- Fully characterized starting materials blended for maximum stability and convenience.
- Professionally formulated mixes reduce time, expense, and uncertainty compared to in-house preparation.
- Single and multicomponent standards covering a wide range of compounds and classes.



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