Speed Up and Simplify GC Method Development with the

*EZ*GC Online Software Suite

- Develop new methods in seconds directly from your desk.
- Optimize or modify existing methods reliably and without guesswork.
- Increase productivity—free, easy-to-use online software saves time and increases certainty.

RESTEK Pure Chromatography www.restek.com

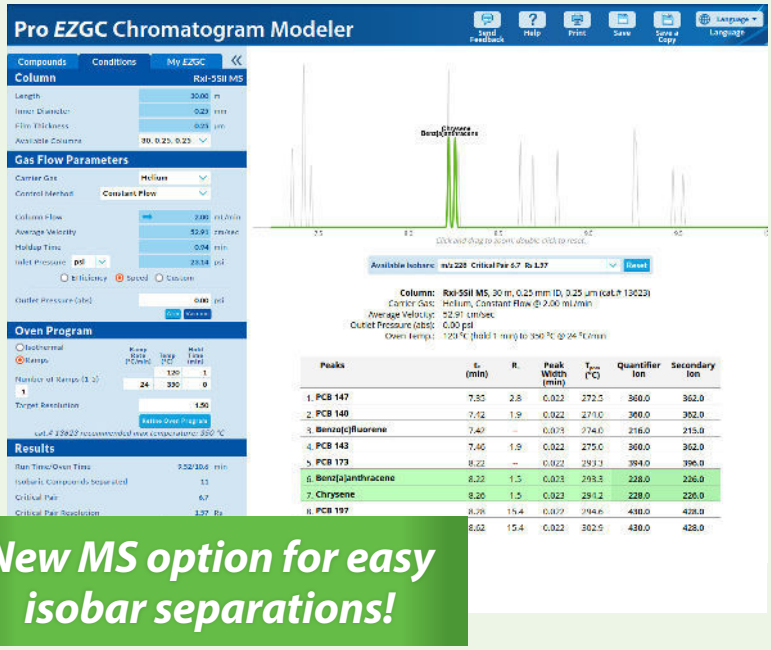
Propel Method Development Forward with the Pro *EZ*GC Chromatogram Modeler

New MS mode auto-targets isobars!

Our popular Pro *EZ*GC chromatogram modeler (also known as our "chromatogram simulator") for polymer WCOT and PLOT columns is simple to use and offers advanced options that give you more control over your GC method development. The Pro *EZ*GC chromatogram modeler lets you do the following:

- Start with either the column you have or a column recommended by the program.
- Select your compounds of interest from our libraries.
- Choose detection mode: select GC-MS mode to automatically target isobars for separation and select GC mode for non-MS detectors.
- Target specific compounds for resolution.
- Alter the GC conditions to optimize your model quickly and easily.
- Repeatedly refine the temperature program.
- Switch carrier gases.
- Change the control method (constant flow, pressure, or linear velocity).
- View elution temperatures in the peak list.
- See results for multiple phases.

In just seconds, you can generate a customized, interactive model chromatogram that matches real-world chromatograms with exceptional accuracy. Zoom in, view chemical structures, and even overlay the mass spectra of coeluting compounds.



New MS option for easy isobar separations!

Pro *EZ*GC Chromatogram Modeler

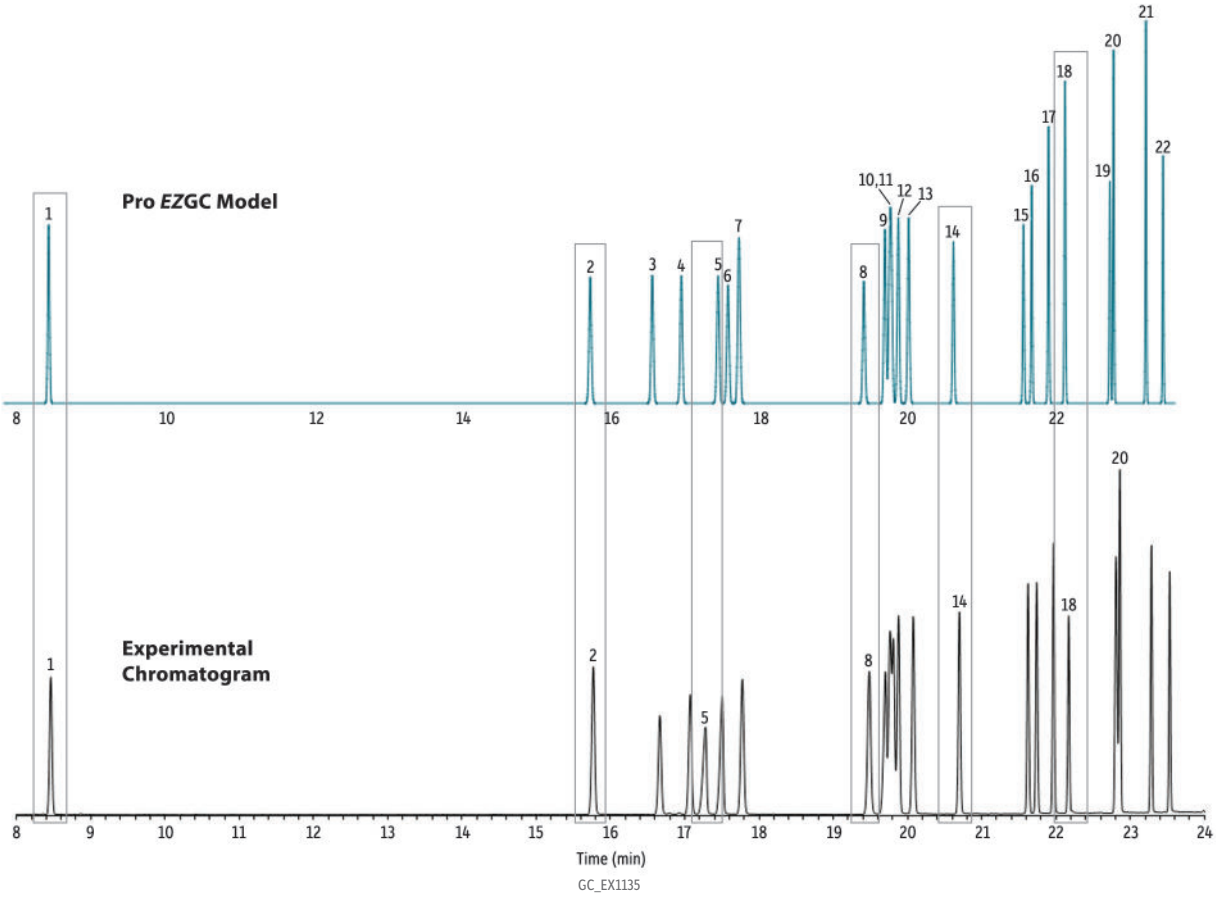
YOU NEED: To develop a method from scratch, including the column and conditions.

YOU HAVE: An analyte list (and you may have a column in mind, too).

YOU GET: Customized, interactive model chromatograms that provide a specific phase, column dimension, and conditions. You can change columns, modify conditions, zoom in, view chemical structures, and even overlay mass spectra of coeluting compounds.

Try our instructional videos at
www.restek.com/proezgc

Here's how well a Pro *EZ*GC model matches the actual separation!



Peaks	t_R (min)	Conc. (µg/mL)
1. EPTC	8.462	100
2. Propachlor	15.768	100
3. Ethalfluralin	16.665	100
4. Trifluralin	17.074	100
5. Desisopropyl-atrazine	17.278	100
6. Desethyl-atrazine	17.503	100
7. Phorate	17.776	100
8. Prometon	19.485	100
9. Simazine	19.702	100
10. Terbufos	19.767	100
11. Atrazine	19.810	100
12. Propazine	19.880	100
13. Fonofos	20.079	100
14. Triallate	20.700	100
15. Dimethenamid	21.624	100
16. Acetochlor	21.741	100
17. Alachlor	21.968	100
18. Metribuzin	22.172	100
19. Metolachlor	22.810	100
20. Chlorpyrifos	22.861	100
21. Cyanazine	23.286	100
22. Pendimethalin	23.532	100

Column Rtx-440, 30 m, 0.25 mm ID, 0.25 µm (cat.# 12923)
Sample Minnesota Ag List 1 pesticide kit (cat.# 32408)
Diluent: Acetone
Conc.: 100 ppm
Injection
Inj. Vol.: 1 µL split (split ratio 25:1)
Liner: 4 mm Precision liner w/wool (cat.# 23305.1)
Inj. Temp.: 300 °C
Oven
Oven Temp.: 100 °C (hold 0.5 min) to 175 °C at 4 °C/min to 250 °C at 14.5 °C/min
Carrier Gas He, constant flow
Flow Rate: 2.0 mL/min
Detector MS
Mode: Scan
Scan Program:

Group	Start Time (min)	Scan Range (amu)	Scan Rate (scans/sec)
1	1.6	40-350	5

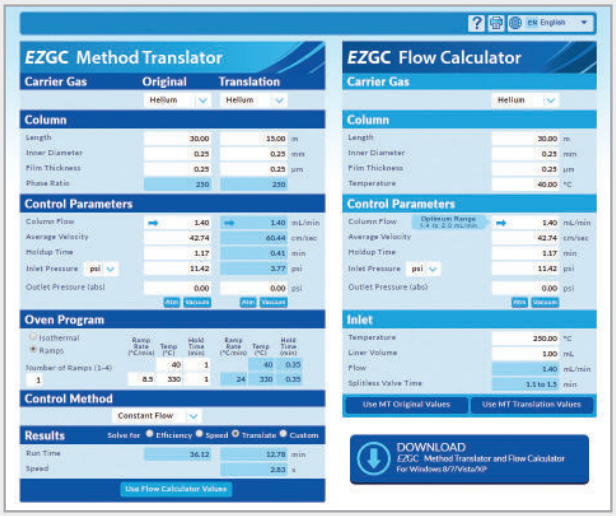
Transfer Line Temp.: 300 °C
Analyzer Type: Quadrupole
Source Type: Inert
Drawout Plate: 6 mm ID
Source Temp.: 250 °C
Quad Temp.: 180 °C
Electron Energy: 70 eV
Solvent Delay Time: 1.6 min
Tune Type: PFTBA
Ionization Mode: EI
Instrument Agilent 7890A GC & 5975C MSD

Try the updated Pro *EZ*GC chromatogram modeler today for an easy, risk-free way to increase your lab's productivity through faster, more effective method development and optimization. www.restek.com/proezgc

Modify Methods Quickly and with Confidence Using the

*EZ*GC Method Translator and Flow Calculator

The *EZ*GC method translator and flow calculator tool make it simple to switch carrier gases, change column dimensions or control parameters, or to optimize a method for speed or efficiency. Simply enter your method specifications, and the program will return a full set of calculated method conditions that will provide similar chromatography. Use the *EZ*GC method translator and flow calculator tool to optimize your analysis for speed, so you can increase sample throughput!



*EZ*GC Method Translator and Flow Calculator

YOU NEED: To switch carrier gases, to change column dimensions or control parameters, or to optimize a method for speed or efficiency.

YOU HAVE: An existing method.

YOU GET: A full set of calculated method conditions that will provide similar chromatography. Results include oven program and run time as well as average velocity, flow rate, splitless valve time, and other control parameters—all in an easy-to-use, single-screen interface with seamless transfer between tools.

Start saving time today—

develop, optimize, or translate methods quickly and with confidence using Restek's *EZ*GC online software suite!

www.restek.com/ezgc

RESTEK
Pure Chromatography

Questions? Contact us or your local Restek representative (www.restek.com/contact-us).

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