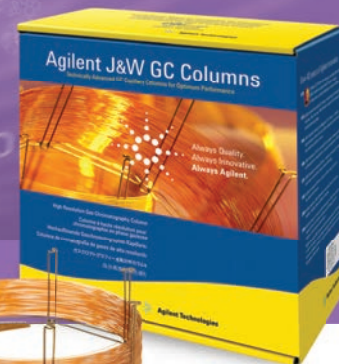


EXECUTE MORE EPA DUAL-ECD PESTICIDE METHODS

The Measure of Confidence

Agilent J&W DB-CLP1 and DB-CLP2 Universal Column Pair



The EPA Contract Lab Program (CLP) for organochlorine pesticides mandates dual-column separation and confirmation with dual electron capture detection (ECD). A specifically designed, yet versatile, column pair can make this process easier by letting you execute more methods on the same instrument without switching columns.

Now you can simplify your operations with Agilent J&W DB-CLP1 and DB-CLP2 columns – the most flexible universal column pair for 9 EPA pesticides methods.

Together, these fast, reliable columns deliver excellent resolving power with exceptionally low bleed while eliminating the need for time-consuming column switching. You'll also gain the advantages of:

- High productivity: complete resolution and confirmation of 22 CLP pesticides can be performed in less than 7.5 minutes
- Accurate identification and confirmation of trace-level pesticides
- Optimal selectivity and stability: the mid-polarity arylene stationary phases provide "MS-grade" low bleed at temperatures up to 360° C
- Excellent column-to-column performance

We also subject our DB-CLP1 and DB-CLP2 GC columns to the industry's most stringent testing – which includes challenging pesticides in the test mixture – and we *prove* it with a performance summary sheet shipped with every column.

Agilent J&W DB-CLP1 and DB-CLP2 columns cover 9 EPA methods – more than any other CLP column pair

EPA Contract Lab Program Pesticides	Organochlorine pesticides
EPA Method 504.1	Halogenated pesticides
EPA Method 505	Organohalide pesticides
EPA Method 508.1	Organochlorine pesticides and herbicides
EPA Method 551	Chlorinated solvents, trihalomethanes & disinfectant by-products
EPA Method 552.3	Haloacetic acids and dalapon
EPA Method 8081B	Organochlorine pesticides
EPA Method 8082A	PCBs and arachlors
EPA Method 8151A	Chlorophenoxy acid herbicides



Agilent Technologies

Now you have ultimate flexibility to perform multiple ECD CLP pesticide methods

Unlike their competition, Agilent J&W DB-CLP1 and DB-CLP2 columns combine the highest temperature limits with excellent resolving power and exceptionally low bleed. So you can confidently resolve and confirm CLP pesticides, as demonstrated at right.

In addition, these columns are not limited to organochlorine CLP pesticide methods. Their mid-polarity stationary phases deliver excellent performance for other CLP target compounds and detection modes – making them a truly versatile column pair for pesticide analysis.

Ordering information

Part Number	Description	Dimensions
123-8232	DB-CLP1	30 m x 0.32 mm id; 0.25 µm film
123-8336	DB-CLP2	30 m x 0.32 mm id; 0.50 µm film



To ensure the most accurate results for your CLP analyses, we recommend using Agilent Ultra Inert deactivated liners for a robust, reproducible inert flow path, even when containing wool. They are available for Agilent GCs – and non-Agilent GCs, as part of our CrossLab family.



This information is subject to change without notice.

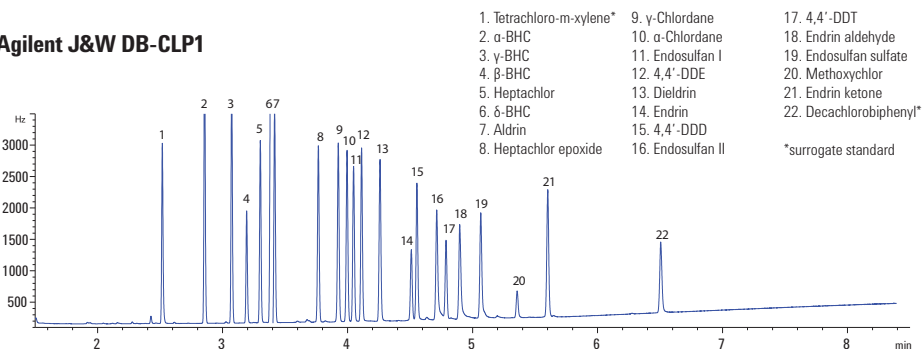
© Agilent Technologies, Inc. 2012
Published in USA, June 5, 2012
5991-0517EN

The Measure of Confidence

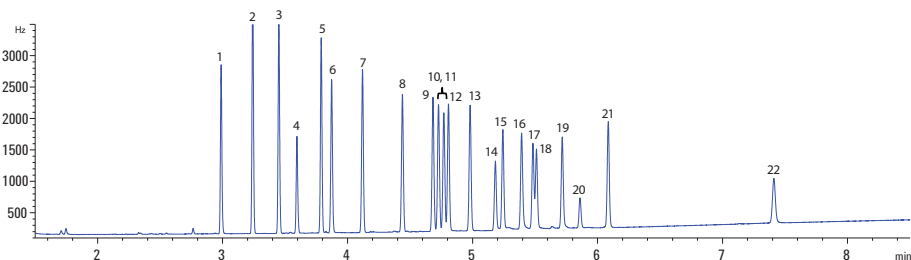
Complete resolution and fast CLP pesticide analysis using Agilent J&W DB-CLP1 and DB-CLP2 0.32 mm GC columns

10 ng/mL standard

Agilent J&W DB-CLP1



Agilent J&W DB-CLP2



In just 7.5 minutes, we achieved complete analysis and confirmation of CLP pesticides. What's more, the excellent selectivity of this column pair allows you to meet the demands of up to 9 EPA methods on a single instrument.



To learn more, visit www.agilent.com/chem/CLP
Or find your local Agilent Representative or Agilent Authorized Distributor at www.agilent.com/chem/wheretobuy



Agilent Technologies