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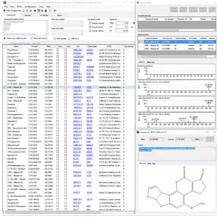
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Mycotoxins PCDL

Perform truly comprehensive mycotoxin screening applications with the Agilent Mycotoxins and Related Metabolites Personal Compound Database and Library (PCDL) for TOF and Q-TOF LC/MS systems. Detailed acquisition method setup information allows fast ramp-up to full productivity.



MassHunter PCDL Manager Compound view of Mycotoxins PCDL

Part Number Description

G5883CA

Mycotoxin and Related Metabolites PCDL for LC/TOF and LC/Q-TOF

Mycotoxin and Related Metabolites PCDL for LC/TOF and LC/Q-TOF. Accurate mass database for 455 compounds and over 1,350 accurate mass MS/MS spectra for 300 compounds. The analytes represent mycotoxins, fungal metabolites, bacterial metabolites, and internal standards.

- Enjoy greater productivity and ease-of-use with seamless integrated of the PCDL into the Aqilent MassHunter suite of software products
- Execute a more focused and efficient screening approach specific to your laboratory needs by using only a subset of the PCDL or by or adding your own unique compounds and library spectra facilitated by PCDL Manager software
- Decrease method setup time, increase throughput, and enable confident, high-sensitivity
 quantitative and qualitative analysis when combining the PCDL with the Agilent
 MassHunter All Ions Workflow
- Free PCDL updates for three years from date of original purchase
- Ensure your team can start work immediately following installation with included basic familiarization or achieve even more with optional application services tailored to your laboratory needs from Agilent CrossLab
- · Compatible with all current models of Agilent TOF or Q-TOF LC/MS systems

Pesticides PCDL for LC/TOF and LC/Q-TOF

The Agilent Pesticide Personal Compound Database and Library (PCDL) for TOF or Q-TOF LC/MS systems contains a curated accurate-mass database with over 1,700 compounds and accurate-mass MS/MS spectra for more than 800 compounds. Detailed acquisition method setup information allows fast ramp-up to full productivity for pesticides analysis.



Part Number

Description

G3878CA

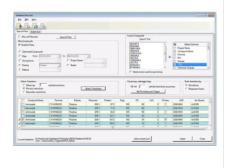
Pesticides PCDL for LC/TOF and LC/Q-TOF

Pesticides PCDL for LC/TOF and LC/Q-TOF. Accurate mass database for 1,750 compounds and over 2,700 accurate mass MS/MS spectra for over 800 compounds. The analytes represent pesticides, insecticides, herbicides, fungicides and other compound classes.

- Seamlessly integrates into Agilent MassHunter Qualitative software for simplified screening workflows
- Use All Ions MS/MS to acquire full-spectrum, untargeted precursor and fragment ion data for a virtually unlimited number of compounds, facilitating re-analysis and data mining
- Perform presumptive matching of acquired spectra with library spectra, without the need to source standards
- Propose a suspect list with MS-only data, then confirm compound presence and eliminate false positives with targeted MS/MS and library search
- Mine data from auto MS/MS experiments and search for proposed compounds against the PCDL
- Create a custom PCDL for a more focused screening approach by using only a subset of the pesticide PCDL or by or adding your own unique compounds and library spectra
- Perform retrospective analysis of data with compounds newly added to the PCDL, without the need to re-run samples
- Keep your screening experiments current with free PCDL updates for three years
- Get best-in-class application services and consumables tailored to your lab from Agilent Crossl ab
- Compatible with all current models of Agilent TOF or Q-TOF LC/MS systems

Pesticides tMRM Database for Triple Quadrupole LC/MS

The Agilent Pesticide tMRM Database for LC/TQ system contains a curated database with over 750 compounds, with up to 10 MRM transitions, fragmentor voltages, and collision energies for each compound. Instantly build methods for targeted screening and confident quantitation of hundreds of analytes in a single run.



Part Number

Description

G1733CA

Pesticides tMRM Database for Triple Quadrupole LC/MS

Pesticides tMRM Database for Triple Quadrupole LC/MS. Database with over 750 compounds, including pesticides, insecticides, herbicides, fungicides and other compound classes. Up to 10 MRMs/compound are included to accommodate matrix variations.

- Seamlessly integrates into Agilent MassHunter Quantitative software for simplified target screening workflows
- Easily create an MRM method by importing all settings like compound names, primary MRM transitions, fragmentor voltages, and collision energies from the database
- Evaluate retention times and retention time windows to update the MRM method to a dynamic MRM method
- Add secondary transitions to a dMRM method to create a tMRM method if even more specificity is needed
- Get additional confirmation of screening results through a reference library match
- Keep your screening experiments current with free tMRM Database updates for three years
- Get best-in-class application services and consumables tailored to your lab from Agilent CrossLab
- Compatible with all current models of Agilent LC/TQ systems

Comprehensive Veterinary Drug dMRM Solution

The Agilent Comprehensive Veterinary Drug dMRM Solution is an end-toend workflow solution that simplifies quantitative screening of 210 multiclass, multi-residue veterinary drugs in food matrices. The solution includes sample preparation and analytical protocols, MassHunter methods and a dMRM database, consumables, a 25-compound system suitability standard, and a tailored training and consulting program.

This comprehensive workflow solution combines multiple food analysis types into one easy-to-follow protocol based on proven, optimized analytical methods. It will help you streamline your laboratory operations, reduce training and operating costs, achieve shorter time to results, and simplify your laboratory setup.



Part Number

Description

- G5368AA

Comprehensive Veterinary Drug dMRM Solution

Comprehensive Veterinary Drug dMRM Solution. The database includes 210 common veterinary drugs and the optimized workflow solution provides analytical methods, sample preparation protocol with Captiva EMR-Lipid cartridges (meat) and reporting.

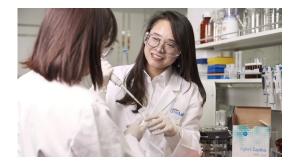
Features

- Methods optimized and validated based on AOAC, EU, and US FDA guidelines
- Demonstrated method performance, reproducibility, and transferability for chicken, pork, beef, shrimp and salmon muscle matrices
- Consistent sample preparation and analysis protocol across covered food matrices ensures simple operation for laboratory staff
- 210-compound dMRM database makes it simple to create custom acquisition methods specific to your needs
- Predefined consumables produce quality results right from the start, and mitigate downtime
- 25-compound system suitability standard covering 10 different chemical classes, together with MassHunter performance evaluation and quality check report ensure optimal day-to-day operation
- Comprehensive, simple-to-follow workflow guide plus detailed sample prep training video included
- Application Service and Agilent University curriculum ensure your staff is properly trained and confident to start
 analyzing samples from day one
- Compatible with Agilent 6470 and 6495C Triple Quadruple LC/MS systems

How It Works

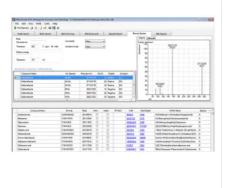
Comprehensive workflow from sample preparation to reporting

Each step of the workflow has been fully vetted by Agilent experts for robustness, reproducibility, and cost-effectiveness while increasing efficiency in the laboratory. From Captiva EMR-Lipid sample preparation kits that mitigate downstream system contamination to InfinityLab columns, solvents and additives that maximize analytical performance, to a veterinary drug specific system suitability standard that allows you to maintain consistent results, Agilent ensures you are have the right supplies to produce better results, longer.



Veterinary Drug PCDL for LC/TOF and LC/Q-TOF

The Agilent Veterinary Drug Personal Compound Database and Library (PCDL) for TOF or Q-TOF LC/MS systems contains a curated accurate-mass database with over 2,100 compounds, accurate-mass MS/MS spectra for more than 1,500 compounds, and retention time information for 120 compounds. Detailed acquisition method setup information allows for fast ramp-up to full productivity.



Part Number Description

G3879CA

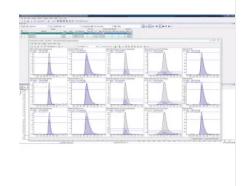
Veterinary Drug PCDL for LC/TOF and LC/Q-TOF

Veterinary Drug PCDL for LC/TOF and LC/Q-TOF. Accurate mass database for over 2,150 compounds and 5200 accurate-mass MS/MS spectra for more than 1,500 compounds. The analytes represent multiple compound classes of veterinary importance.

- Seamlessly integrates into Agilent MassHunter Qualitative software for simplified screening workflows
- Acquire full-spectrum, untargeted data using All Ions MS/MS and identify compounds through accurate mass, retention time, isotope pattern, and fragment confirmation
- Perform presumptive matching of acquired spectra with library spectra, without the need to source standards
- Create a custom PCDL from the Agilent PCDL for a more focused screening approach, or add your own unique compounds and library spectra to create PCDLs specific to your analysis
- Propose a suspect list with MS-only data, then confirm compound presence and eliminate false positives with targeted MS/MS and library search
- Mine data from auto MS/MS experiments and search for proposed compounds against the PCDL
- Perform retrospective analysis of data with compounds newly added to the PCDL, without the need to re-run samples
- Keep your screening experiments current with free PCDL updates for three years
- Get best-in-class application services and consumables tailored to your lab from Agilent CrossLab
- Compatible with all current models of Agilent TOF or Q-TOF LC/MS systems

Veterinary Drug tMRM Database for Triple Quadrupole LC/MS

The Agilent Veterinary Drug tMRM Database for LC/TQ systems contains a curated database with over 650 compounds, with up to 10 MRM transitions, fragmentor voltages, and collision energies for each compound. Instantly build methods for targeted screening and confident quantitation of hundreds of analytes in a single run.



Part Number

Description

G1735CA

Veterinary Drug tMRM Database for Triple Quadrupole LC/MS

Veterinary Drug tMRM Database for Triple Quadrupole LC/MS. Database with over 650 compounds including insecticides, beta-agonists, antibiotics, anti-inflammatories, tetracyclines, dyes, etc. Upto 10 MRMs/compound are included to accommodate matrix variations.

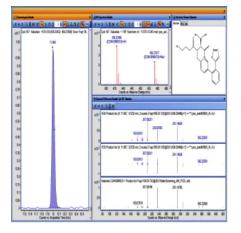
- Seamlessly integrates into Agilent MassHunter Quantitative software for simplified target screening workflows
- Easily create an MRM method by importing all settings such as compound names, primary MRM transitions, fragmentor voltages, and collision energies from the database
- Evaluate retention times and retention time windows to update the MRM method to a dynamic MRM method
- Add secondary transitions to a dMRM method to create a tMRM method if even more specificity is needed
- Get additional confirmation of screening results through a reference library match
- Keep your screening experiments current with free tMRM Database updates for three years
- Get best-in-class application services and consumables tailored to your lab from Agilent CrossLab
- Compatible with all current models of Agilent LC/TQ systems

Forensic Toxicology Solutions

Forensic Toxicology PCDL for LC/TOF and LC/Q-TOF

The Agilent Forensic Toxicology Personal Compound Database and Library (PCDL) for TOF or Q-TOF LC/MS systems contains a curated accurate-mass database with over 9,200 compounds and accurate-mass MS/MS spectra for more than 3,900 compounds. Detailed acquisition method setup information allows for fast ramp-up to full productivity.

For Forensic Use.



Part Number Description

G3876CA

Forensic Toxicology PCDL for LC/TOF and LC/Q-TOF

Forensic Toxicology PCDL for LC/TOF and LC/Q-TOF. Accurate mass database for 9,200 compounds and 13,500 accurate mass MS/MS spectra for 3,900 compounds. The analytes represent the various compound classes in forensic toxicology.

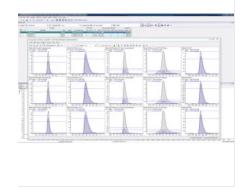
- Perform simplified screening workflows through seamless integration of the PCDL into Agilent MassHunter software
- Acquire full-spectrum, untargeted data using All Ions MS/MS and identify compounds through accurate mass, isotope pattern, and fragment confirmation
- Perform presumptive matching of acquired spectra with library spectra, without the need to source standards
- Create a custom PCDL for a more focused screening approach
- Propose a suspect list with MS-only data, then confirm compound presence and eliminate false positives with targeted MS/MS and library search
- Mine data from auto MS/MS experiments and search for proposed compounds against the PCDL
- Add your own unique compounds and library spectra to create PCDLs specific to your analysis
- Perform retrospective analysis of data with compounds newly added to the PCDL, without the need to re-run samples
- Keep your screening experiments current with free PCDL updates for three years
- Compatible with all current models of Agilent 6200 Series Accurate-Mass Time-of-Flight (TOF) LC/MS and 6500 Series Accurate-Mass Quadrupole Time-of-Flight (Q-TOF) LC/MS

Forensic Toxicology Solutions

Forensic Toxicology tMRM Database for Triple Quadrupole LC/MS

The Agilent Forensic Toxicology tMRM Database for LC/TQ systems contains a curated database with over 2,800 compounds, with up to 10 MRM transitions, fragmentor voltages, and collision energies for all compounds. The database allows users to instantly build methods for targeted screening and confident quantitation for hundreds of analytes in a single run.

For Forensic Use.



Part Number

Description

G1734CA

Forensic Toxicology tMRM Database for Triple Quadrupole LC/MS

Forensic Toxicology tMRM Database for Triple Quadrupole LC/MS. Database with over 2,800 compounds including cannabinoids, hallucinogens, stimulants, opioids, barbituates, designer drugs, etc. Up to 10 MRMs/compound are included to accommodate matrix variations.

- Perform simplified target screening workflows through seamless integration of the tMRM database into Agilent MassHunter software
- Easily create an MRM method by importing all settings, such as compound names, primary MRM transitions, fragmentor voltages, and collision energies, from the database
- Evaluate retention times and retention time windows to update the MRM method to a dynamic MRM method
- Add secondary transitions to a dMRM method to create a tMRM method if even more specificity is needed
- Create a reference library from your data and confirm results with a library match to confidently assess borderline results
- Keep your screening experiments current with free tMRM database updates for three years.
- Compatible with all current models of Agilent 6400 Series Triple Quadrupole LC/MS

Environmental Solutions

PFAS MRM Database for LC/TQ

The Agilent PFAS MRM Database for Triple Quadrupole LC/MS is a curated database of more than 100 native and isotopically labeled per- and polyfluoroalkyl substances (PFAS) optimized for environmental applications. For each compound, up to four characteristic MRM transitions, fragmentor voltages, and collision energies plus common name, abbreviation, CAS number, ChemSpider ID, etc. are included.

Quickly build acquisition methods for targeted screening and quantitation using the Agilent PFAS MRM database. Whether creating a new method for a few — or a few dozen — PFAS compounds in a single run, or expanding your existing method, this database allows you to stay current with evolving regulations.



Easily find PFAS compounds

Part Number Description

G1736AA

PFAS MRM database for LC/TQ

PFAS MRM database for LC/TQ. Fully optimized MRM transitions for more than 100 native and isotopically labeled per- and polyfluoroalkyl substances (PFAS) with example methods for 6470B, 6495C, and Ultivo LC/TQ systems.

- · Suitable for drinking water, wastewater, and soil matrices
- Curated database of more than 100 native and isotopically labeled PFAS compounds listed in standard methods and regulatory lists such as EPA Method 537.1, EPA Method 533, SW-846 Method 8327, SW-846 Draft Method 8327, ASTM D7979-19, ASTM 7968-17a, ISO 21675:2019, Europe (EU) WFD & DWD, Japan Drinking Water Quality Standards, and Germany DIN methods
- The database seamlessly integrates into Agilent MassHunter Quantitative software for simplified target screening workflows, and it includes example dMRM acquisition and quantitation methods
- MRM acquisition methods are easily created by importing information directly from the database, while adding retention times to create dMRM methods or additional transitions to create tMRM methods can enhance sensitivity and selectivity
- A reference library can be created from your data to confirm results with a library match to confidently assess borderline results
- Compatible with all current models of Agilent 6400 Series triple quadrupole LC/MS

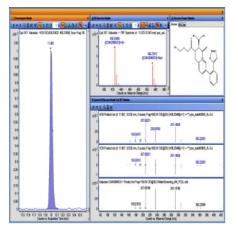
Environmental Solutions

Environmental Water Screening PCDL

The Agilent Water Screening Personal Compound Database and Library (PCDL), combined with LC/MS TOF and Q-TOF instruments, allows target and suspect screening with highly confident compound identification using accurate mass. This comprehensive database includes contaminants previously detected in environmental samples and all compounds present in major water regulations, as well as contaminants of emerging concern, such as PPCPs.

MassHunter All lons MS/MS acquisition allows measurement of precursor ions and fragments for a virtually unlimited number of compounds beyond the original range of interesting compounds. This feature allows retrospective investigation of data for the presence of chemical contaminants, without further experimental measurement. Newly identified compounds can easily be added to the list of suspects, making it straightforward for any environmental control or research lab to stay on top of ever increasing screening requirements.

The standalone PCDL comes with a quick-start guide and application notes to help you develop your method.



Part Number Description

G6882CA

Environmental Water Screening PCDL

Environmental Water Screening PCDL. Accurate mass database for over 1,400 compounds and 4,000 accurate mass MS/MS spectra for 1,080 compounds. The analytes represent the most important environmental pollutant compound classes.

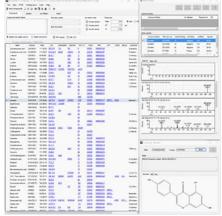
- Comprehensive database with > 1,400 compounds covers compounds from all major water regulations
- Library with accurate mass spectra for > 1,000 compounds for seamless integration into the All Ions workflow
- Retention times for > 260 compounds add another degree of identification confidence and help avoid false-positives
- · Database and library are designed and screened for highest quality and reliability
- Guidance for easy development of screening methods provided with quick-start guide and application note
- Compatible with 1260/1290 Infinity LC Series and 6200 Series TOF and 6500 Series Q-TOF LC/MS systems

Life Sciences Solutions

METLIN Metabolomics Database and Library

The Agilent MassHunter METLIN Metabolomics Database and Library enable streamlined metabolite identification to facilitate understanding of global metabolic changes that can occur in a biological system. Available as a comprehensive database of metabolites (PCD) that optionally includes MS/MS spectra (PCDL).

For Research Use Only. Not for use in diagnostic procedures.



MassHunter PCDL Manager Compound view of METLIN Metabolite PCDL

Part Number Description

G3874AA

MassHunter METLIN metabolite PCDL

MassHunter METLIN metabolite PCDL. Curated accurate mass database for over 248,000 compounds and over 32000 accurate mass MS/MS spectra of 9,400 compounds. The analytes represent metabolites, lipids and peptides.

G6825AA

Personal METLIN Metabolite Database

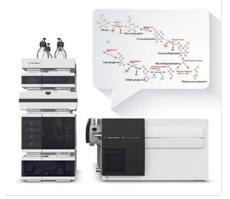
- · Generates reliable results with limited data review
- $\bullet\,$ Allows you to add compounds, retention times, and MS/MS spectra
- Seamlessly integrated into the Agilent MassHunter suite of software products, including PCDL Manager, Pathways to PCDL, Profinder, ID Browser, MassHunter Qualitative Analysis, and MassHunter MSC
- Available in three convenient subsets: metabolites, lipids, and theoretical peptides
- Free updates for three years from date of purchase
- Compatible with all current models of Agilent TOF and Q-TOF LC/MS systems

Life Sciences Solutions

Metabolomics dMRM Database and Method

The Agilent Metabolomics dMRM Database and Method offers a comprehensive solution for targeted analysis of central carbon metabolites. It provides robust chromatography for over 215 metabolites, with confirmed transitions and retention times for routine metabolite analysis on Agilent 1290 Infinity II Series LC and 6400 series LC/MS systems.

For Research Use Only. Not for use in diagnostic procedures.



Part Number Description

G6412AA

Metabolomics dMRM Database and Method

Metabolomics dMRM Database and Method. Database with over 215 compounds from the central carbon pathway. Includes optimized MRM transitions, retention times and screening methods for the analysis of all compounds in the database.

- MRM and retention time database of more than 215 compounds covering central carbon metabolism
- Robust ion-pairing method developed and tested in collaboration with Amy Caudy and Adam Rosebrock, University of Toronto
- Superior separation and stable retention times for metabolites in central carbon metabolism
- Each database entry has been curated, including optimized MRM transitions and confirmed retention times
- Straightforward method implementation with recommended LC/MS configuration and acquisition method
- For Research Use Only. Not for use in diagnostic procedures.

Pharmaceutical Solutions

Extractables & Leachables PCDL for LC/TOF and LC/Q-TOF

The Agilent Extractables and Leachables Personal Compound Database and Library (PCDL) for TOF or Q-TOF LC/MS systems contains a curated accurate-mass database with over 1,000 compounds and accurate-mass MS/MS spectra for 360 compounds. Retention times for more than 125 compounds add another degree of identification confidence and help avoid false positives. Detailed acquisition method setup information allows fast ramp-up to full productivity.



Part Number

Description

G6890CA

Extractables & Leachables PCDL for LC/TOF and LC/Q-TOF

Extractables & Leachables PCDL for LC/TOF and LC/Q-TOF. Accurate mass database for over 1,000 compounds and 1,300 accurate mass MS/MS spectra for 360 compounds. The analytes represent stabilizers, accelerators, intermediates, residual monomers, antioxidants, etc.

- Seamlessly integrates into Agilent MassHunter Qualitative software for simplified screening workflows
- Acquire full-spectrum, untargeted data using multiple data acquisition modes such as MS only and All Ions MS/MS
- Perform presumptive matching of acquired spectra with library spectra, without the need to source standards
- Propose a suspect list with MS-only data, then confirm compound presence and eliminate false positives with targeted MS/MS and library search
- Mine data from MS only and auto MS/MS experiments and search for proposed compounds against the PCDL
- Identify differences between samples using Mass Profiler software with the combination of formula generation and database searching for identification
- Create a custom PCDL for a more focused screening approach by using only a subset of the PCDL or by or adding your own unique compounds and library spectra
- Perform retrospective analysis of data with compounds newly added to the PCDL, without the need to re-run samples
- Keep your screening experiments current with free PCDL updates for three years
- Get best-in-class application services and consumables tailored to your lab from Agilent CrossLab
- Compatible with all current models of Agilent TOF or Q-TOF LC/MS instruments

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