

method: C:\CHEM32\1\METHODS\IMIDACLOPRID.M  
Modified on: 4/21/2017 at 10:12:56 AM

#### Method Information

Method: C:\CHEM32\1\METHODS\IMIDACLOPRID.M  
Modified: 4/21/2017 at 10:12:56 AM

This method is for the analysis of imidacloprid samples.  
Column: Synergi 4u Hydro-RP 80A 150 x 4.6 mm  
Column Serial Number: 396889-55  
Reference: OSDA-PS-LCACN-1

#### Method Audit Trail

Operator :  
Date : 1/22/2015 2:58:39 PM  
Change Info: This method was created at 1/22/2015 2:58:39 PM and based on  
method D:\1\METHODS\IMIDACLOPRID-SM.M

Operator :  
Date : 1/22/2015 2:58:41 PM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/22/2015 3:59:04 PM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/23/2015 7:28:09 AM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/23/2015 7:32:13 AM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/23/2015 7:34:21 AM  
Change Info: Method saved. User comment: "updated intergration events"

Operator :  
Date : 1/23/2015 7:40:21 AM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/23/2015 2:50:08 PM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 1/27/2015 9:13:17 AM  
Change Info: Method saved. User comment: ""

Operator :  
Date : 2/17/2015 10:06:09 AM  
Change Info: Method saved. User comment: "Turned on Compound Names"

Operator : Yvette Turner  
Date : 3/17/2015 7:02:29 AM  
Change Info: Method saved. User comment: ""

method: C:\CHEM32\1\METHODS\IMIDACLOPRID.M  
Modified on: 4/21/2017 at 10:12:56 AM  
Operator : Yvette Turner  
Date : 3/19/2015 2:28:56 PM  
Change Info: Method saved. User comment: ""

Operator : Evelyn Tilman  
Date : 3/24/2015 9:36:24 AM  
Change Info: Method saved. User comment: ""

Operator : Keith Keesee  
Date : 7/16/2015 9:36:03 AM  
Change Info: Method saved. User comment: "Recal"

Operator : Keith Keesee  
Date : 7/16/2015 9:52:03 AM  
Change Info: Method saved. User comment: ""

Operator : Keith Keesee  
Date : 7/17/2015 1:16:40 PM  
Change Info: Method saved. User comment: "Recal"

Operator : Keith Keesee  
Date : 8/18/2015 9:16:14 AM  
Change Info: Method saved. User comment: ""

Operator : Keith Keesee  
Date : 8/18/2015 10:37:30 AM  
Change Info: Method saved. User comment: ""

Operator : Keith Keesee  
Date : 8/18/2015 11:03:00 AM  
Change Info: Method saved. User comment: ""

Operator : Elena Lyon  
Date : 8/19/2015 8:34:39 AM  
Change Info: Method saved. User comment: ""

Operator : Elena Lyon  
Date : 8/19/2015 9:20:39 AM  
Change Info: Method saved. User comment: ""

Operator : Elena Lyon  
Date : 8/19/2015 9:25:58 AM  
Change Info: Method saved. User comment: ""

Operator : Thuy Ta  
Date : 11/17/2015 3:10:16 PM  
Change Info: Method saved. User comment: ""

Operator : Thuy Ta  
Date : 11/18/2015 10:18:17 AM  
Change Info: Method saved. User comment: ""

Operator : Thuy Ta  
Date : 11/18/2015 10:39:20 AM  
Change Info: Method saved. User comment: "Save new intergration events to the  
method. SM/TT "

Operator : Thuy Ta  
Date : 12/23/2015 1:13:18 PM  
Change Info: Method saved. User comment: ""

method: C:\CHEM32\1\METHODS\IMIDACLOPRID.M  
Modified on: 4/21/2017 at 10:12:56 AM  
Operator : Thuy Ta  
Date : 12/30/2015 8:51:58 AM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 7/20/2016 1:34:40 PM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 9/20/2016 1:20:13 PM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 11/14/2016 3:02:11 PM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 11/15/2016 2:40:48 PM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 4/20/2017 2:21:56 PM  
Change Info: Method saved. User comment: ""  
  
Operator : Thuy Ta  
Date : 4/21/2017 10:12:56 AM  
Change Info: Method saved. User comment: ""

Run Time Checklist

Pre-Run Cmd/Macro: off  
Data Acquisition: on  
Standard Data Analysis: on  
Customized Data Analysis: off  
Save GLP Data: on  
Post-Run Cmd/Macro: off  
Save Method with Data: on

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Agilent 1100/1200 Quaternary Pump 1

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Control

Column Flow : 2.000 ml/min  
Stoptime : 8.00 min  
Posttime : Off

Solvents

Solvent A : 0.0 % (Water)  
Solvent B : 10.0 % (Acetonitrile)  
Solvent C : 90.0 % (2% Acetic Acid)  
Solvent D : Off

PressureLimits

Minimum Pressure : 5 bar  
Maximum Pressure : 400 bar

Auxiliary

Maximal Flow Ramp : 100.00 ml/min^2  
Primary Channel : Auto  
Compressibility : 100\*10^-6/bar  
Minimal Stroke : Auto

Store Parameters

Store Ratio A : Yes  
Store Ratio B : Yes  
Store Ratio C : Yes  
Store Ratio D : Yes  
Store Flow : Yes  
Store Pressure : Yes

Timetable

Time	Solv.B	Solv.C	Solv.D	Flow	Pressure
0.00	10.0	90.0	0.0		
0.50	10.0	90.0	0.0		
4.00	80.0	20.0	0.0		
4.10	10.0	90.0	0.0		
8.00	10.0	90.0	0.0		

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Agilent 1100/1200 Multiple Wavelength Detector SL 1

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Signals

Signal	Store	Signal, Bw	Reference, Bw	[nm]
A:	Yes	270 4	360 100	
B:	No	254 4	360 100	
C:	No	225 4	300 100	
D:	No	325 4	Off	
E:	No	286 4	360 70	
F:	No	280 4	360 70	
G:	No	280 16	360 100	

method: C:\CHEM32\1\METHODS\IMIDACLOPRID.M

Modified on: 4/21/2017 at 10:12:56 AM

H: No 280 16 360 100  
K: No Board Temperature  
L: No Optical Unit Temperature  
M: No UV Lamp Anode Voltage

Time

Stoptime : As pump  
Posttime : Off

Required Lamps

UV lamp required : Yes  
Vis lamp required : Yes

Autobalance

Prerun balancing : Yes  
Postrun balancing : Yes  
Margin for negative Absorbance: 100 mAU

Peakwidth : > 0.1 min  
Slit : 4 nm

Analog Outputs

Zero offset ana. out. 1: 5 %  
Zero offset ana. out. 2: 5 %  
Attenuation ana. out. 1: 1000 mAU  
Attenuation ana. out. 2: 1000 mAU

Timetable is empty

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Agilent 1100/1200 Autosampler 1  
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Injection

Injection Mode : Needle Wash  
Injector volume : 25.00 µl  
Wash Vial : 91  
Optimization : none

Auxiliary

Drawspeed : 100 µl/min  
Ejectspeed : 1000 µl/min  
Draw position : 0.0 mm

Time

Stoptime : As Pump  
Posttime : Off

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Agilent 1200 Column Thermostat SL 1  
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Temperature settings

Left temperature : 26.0°C  
Right temperature : Same as left  
Enable analysis : When Temp. is within setpoint +/- 0.8°C  
Store left temperature : Yes

Store right temperature: No

Time

Stoptime : As pump

Posttime : Off

Column Switching Valve : Column 1

Timetable is empty

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

Event	Value
Tangent Skim Mode	Straight
Tail Peak Skim Height Ratio	0.000
Front Peak Skim Height Ratio	0.000
Skim Valley Ratio	80.000
Baseline Correction	Advanced
Peak to Valley Ratio	10.000

Default Integration Event Table "Event"

Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

Detector Default Integration Event Table "Event\_DAD"

Event	Value	Time
Initial Slope Sensitivity	5.000	Initial
Initial Peak Width	0.050	Initial
Initial Area Reject	5.000	Initial
Initial Height Reject	1.000	Initial
Initial Shoulders	OFF	Initial

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Detector Default Integration Event Table "Event\_ADC"  
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Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

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Detector Default Integration Event Table "Event\_FLD"  
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Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

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Detector Default Integration Event Table "Event\_VWD"  
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Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

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Detector Default Integration Event Table "Event\_ECD"  
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Event	Value	Time
Initial Slope Sensitivity	1.000	Initial
Initial Peak Width	0.040	Initial
Initial Area Reject	1.000	Initial
Initial Height Reject	1.700	Initial
Initial Shoulders	OFF	Initial

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Detector Default Integration Event Table "Event\_MWD"  
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Event	Value	Time
Initial Slope Sensitivity	10.000	Initial
Initial Peak Width	0.100	Initial
Initial Area Reject	0.100	Initial
Initial Height Reject	0.200	Initial
Initial Shoulders	OFF	Initial

=====  
Specify Report  
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Calculate: Area Percent  
Use Multiplier & Dilution Factor with ISTDs  
  
Use Sample Data from Data File  
Destination: Printer, File (Prefix: Report)  
Destination File Types: .TXT, .PDF, Unique PDF Name  
Quantitative Results sorted by: Signal  
Report Style: Short  
Sample info on each page: Yes  
Add Chromatogram Output: Yes  
Chromatogram Output: Portrait  
Size in Time direction: 100 % of Page  
Size in Response direction: 40 % of Page  
Uncalibrated Peaks: Report with Calibrated Peaks

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Signal Options  
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Include: Axes, Compound Names, Retention Times, Baselines, Tick Marks  
Font: Arial, Size: 8

Ranges: Full  
Multi Chromatograms: Overlaid, All the same Scale

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Calibration Table  
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Calib. Data Modified : 4/20/2017 8:49:18 AM  
  
Rel. Reference Window : 5.000 %  
Abs. Reference Window : 0.000 min  
Rel. Non-ref. Window : 5.000 %  
Abs. Non-ref. Window : 0.000 min  
Uncalibrated Peaks : not reported  
Partial Calibration : Yes, identified peaks are recalibrated  
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear  
Origin : Ignored  
Weight : Equal

Recalibration Settings:  
Average Response : Average all calibrations  
Average Retention Time: Floating Average New 75%



