

SUPPORTTING INFORMATION

Degradation Dynamics and Residue Analysis of Four Propiconazole Stereoisomers in “Fengtang” Plum during Storage by LC-MS/MS

Pengyu Deng¹, Lianhong Mou ¹, Guipeng Ou ¹, Xin Luo ¹, Deyu Hu ¹, Yuping Zhang ^{1*}

¹ National Key Laboratory of Green Pesticide, Key Laboratory of Green Pesticide and Agricultural Bioengineering, Ministry of Education, Center for R&D of Fine Chemicals of Guizhou University, Guiyang 550025, China

* Correspondence: zhangyupinggz@163.com; Tel.: (+86)851 88292090

Table S1. The parameters of the instruments for propiconazole

Parameter Name	Information
Ion source	ESI
Quantitative ion pair	342.0/159.1 m/z
Qualitative ion pair	342.0/69.1 m/z
Column temperature	35°C
Ion source temperature	500°C
Ion sprayer voltage	5500 V
Ion source gas (GS1)	55.0 psi
Ion source gas (GS2)	55.0 psi
Curtain Gas	35.0 psi
Scan mode	Positive
Scan patterns	Multiple-scanning

Table S2. Recovery rates and relative standard deviations of propiconazole enantiomers in “March” and “Carmine” plum

Plum variety	Analytes	Add level (mg/kg) ^a	Recovery rate (%)					Average	RSD (%, n = 5)
			1	2	3	4	5		
March plum	(2R,4R)-propiconazole	0.02	94.08	101.56	87.85	84.74	84.11	90.47	7.35
		0.20	98.96	98.96	88.31	87.06	89.56	92.57	5.90
		2.00	96.57	98.86	97.14	93.14	88.57	94.86	4.08
	(2R,4S)-propiconazole	0.02	93.24	95.37	91.81	96.09	98.93	95.09	2.74
		0.20	102.7	102.0	96.03	94.54	99.01	98.86	3.59
		2.00	96.53	102.8	100.3	90.22	88.96	95.77	6.09
	(2S,4S)-propiconazole	0.02	86.21	87.59	81.38	82.76	91.03	85.79	3.86
		0.20	94.35	94.35	99.19	103.2	100.0	98.23	3.84
		2.00	96.40	105.0	104.3	91.37	93.53	98.13	6.24
	(2S,4R)- propiconazole	0.02	92.50	95.63	78.13	91.88	86.88	89.00	6.84
		0.20	96.53	93.06	93.06	83.33	92.36	91.67	4.93
		2.00	96.30	103.1	103.7	94.44	91.98	97.90	5.25
Carmine plum	(2R,4R)-propiconazole	0.02	84.98	83.50	92.36	96.06	93.84	90.15	5.58
		0.20	92.65	102.94	87.50	105.15	96.32	96.91	7.27
		2.00	101.9	103.4	105.6	100.0	94.97	101.1	4.01
	(2R,4S)-propiconazole	0.02	90.28	88.19	81.94	97.22	98.61	91.25	6.83
		0.20	85.99	94.27	105.1	106.4	100.0	98.34	8.40
		2.00	93.60	101.2	98.84	100.0	97.09	98.14	2.95
	(2S,4S)-propiconazole	0.02	91.60	94.66	88.55	90.84	82.44	89.62	4.57
		0.20	83.69	91.49	99.29	97.87	86.52	91.77	6.83
		2.00	102.0	101.9	102.6	95.42	94.77	99.35	3.89
	(2S,4R)-propiconazole	0.02	91.41	90.18	100.6	97.55	83.44	92.64	6.71
		0.20	88.89	99.31	104.9	102.1	95.83	98.19	6.18
		2.00	100.6	96.63	103.4	101.1	98.31	100.0	2.60

^a The sum of (2R,2R)-propiconazole, (2R,4S)-propiconazole, (2S,4S)-propiconazole, and (2S,4R)-propiconazole.

Figure Caption
Figure_1_SuppInfo.

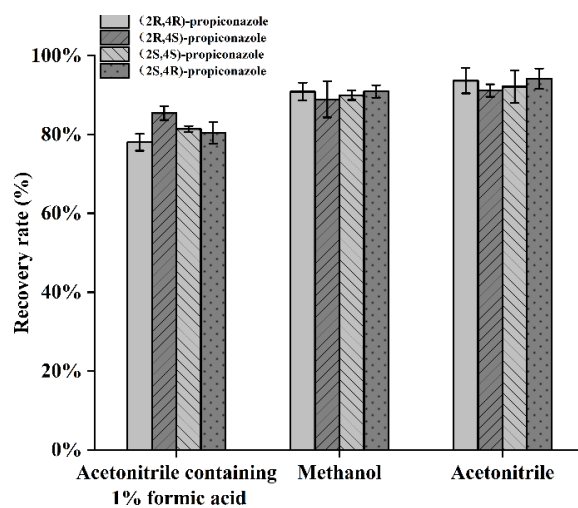


Figure S1 Effects of different extractants on recoveries of propiconazole stereoisomers

Figure Caption
Figure_2_SuppInfo.

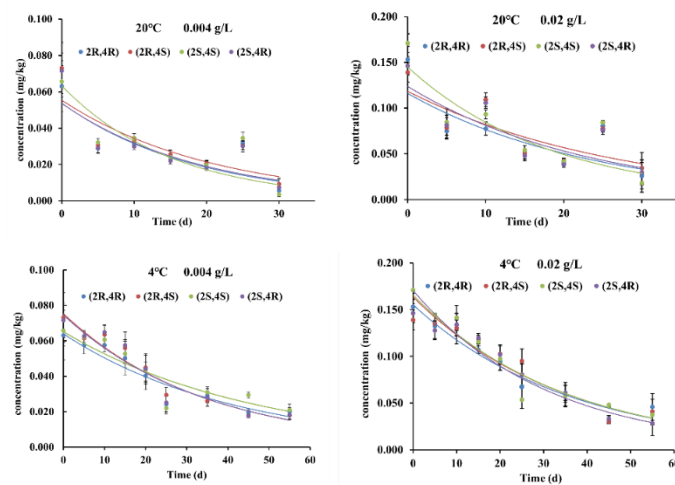


Figure S2. Digestion dynamics curves of propiconazole stereoisomers in plums at 4 and 20 °C

Figure Caption
Figure_3_SuppInfo.

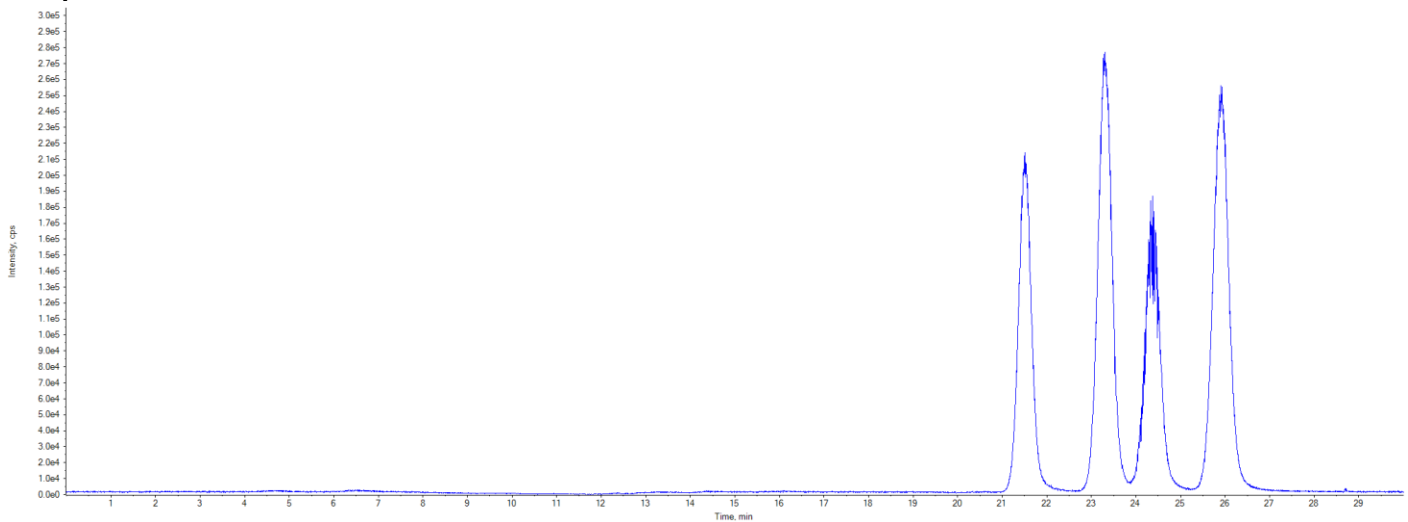
Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-0d-1.rdb
Acquisition Date	8/23/2022 5:22:46 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name:

0.004-0d-1

Vial #:

26



Sample Name	0.004-0d-1	Injection Vial	26
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/23/2022 5:22:46 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-0d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials):_____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.56e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

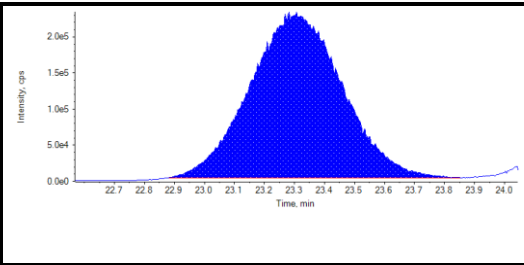
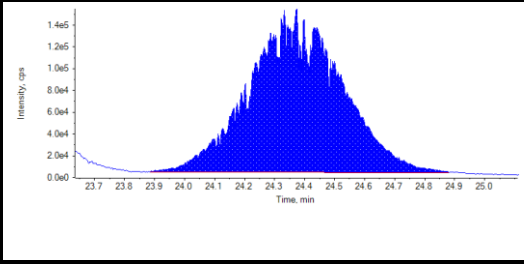
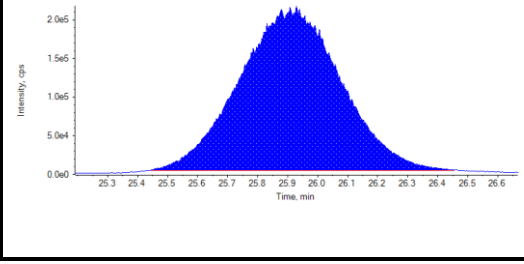
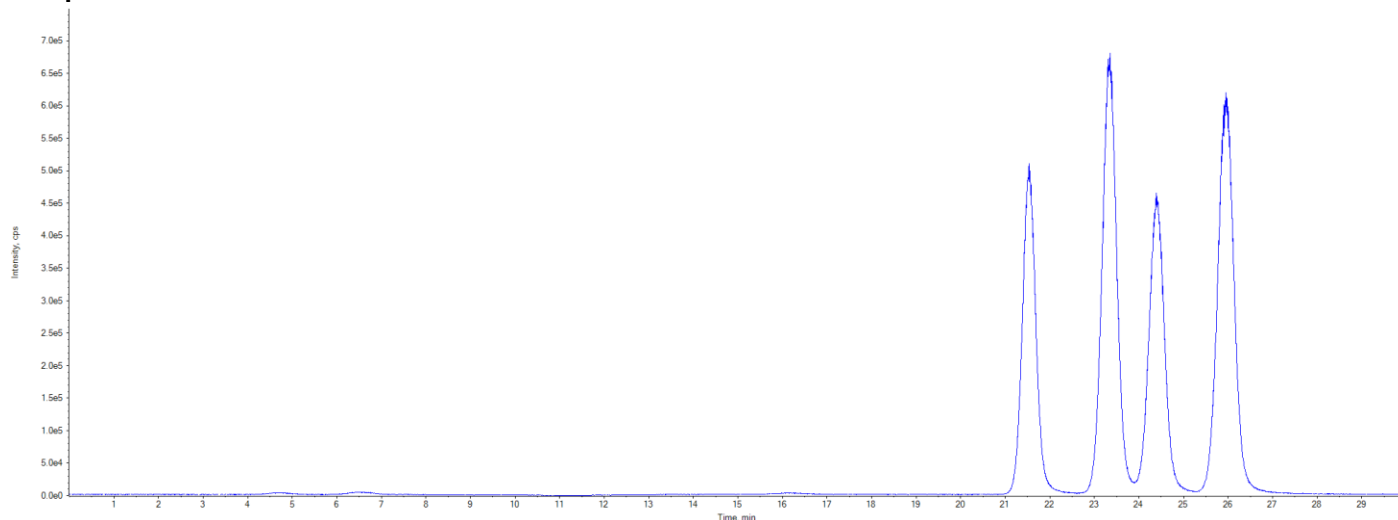
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.00e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.10e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.22e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

Figure S3 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 0 d

Figure Caption
Figure_4_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-0d-3.rdb
Acquisition Date	8/22/2022 5:50:38 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-0d-3 Vial #: 4



Sample Name	0.02-0d-3	Injection Vial	4
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 5:50:38 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-0d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	8.80e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

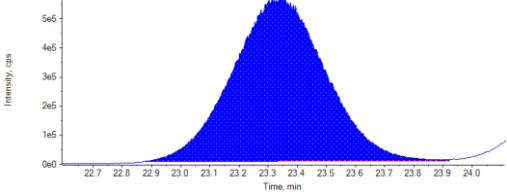
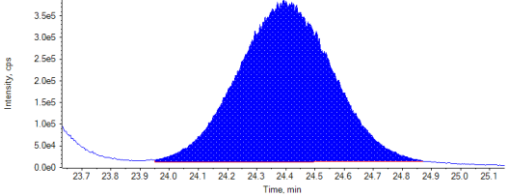
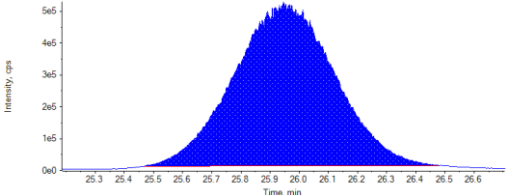
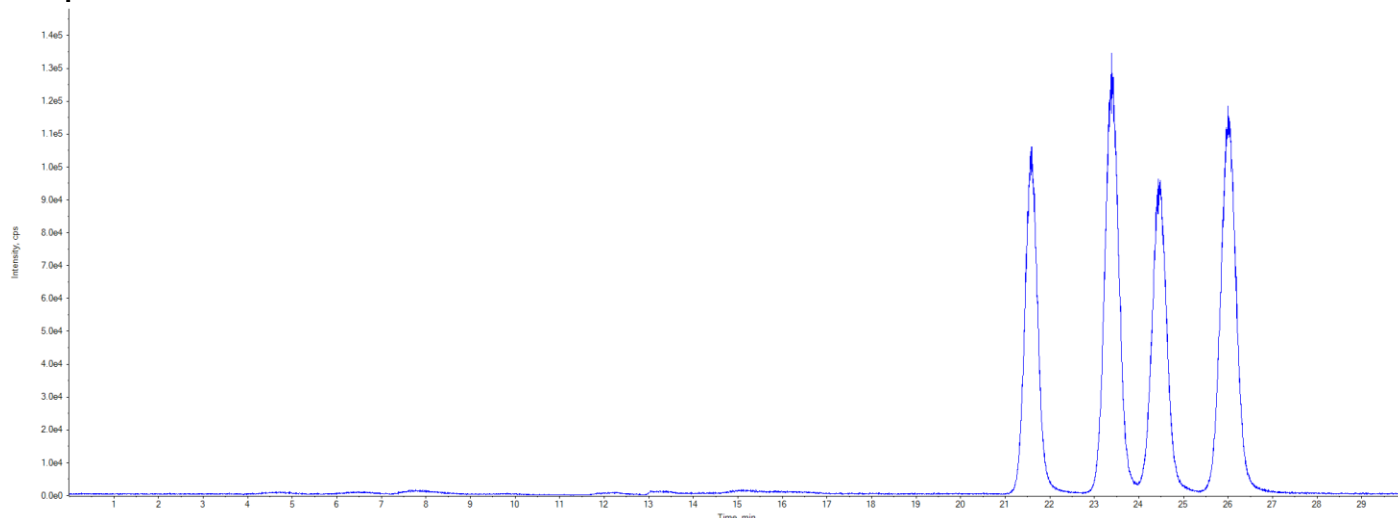
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.26e+007
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	8.60e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.31e+007
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

Figure S4 Figure S4 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 0 d

Figure Caption
Figure_5_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-5d-2.rdb
Acquisition Date	8/21/2022 2:34:46 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-5d-2 Vial #: 56



Sample Name	0.004-5d-2	Injection Vial	56
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 2:34:46 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-5d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.6
	Actual RT:	21.6
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.72e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

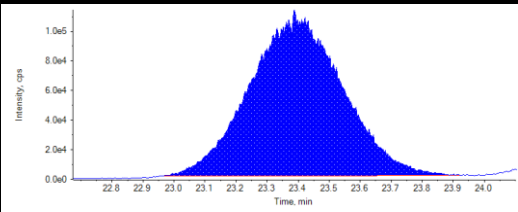
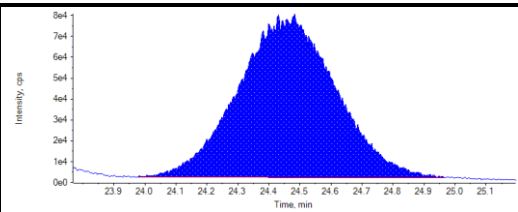
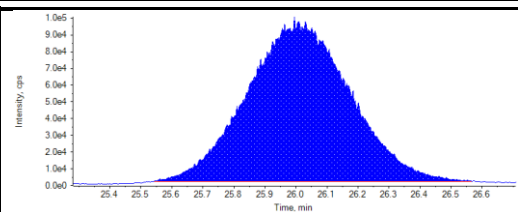
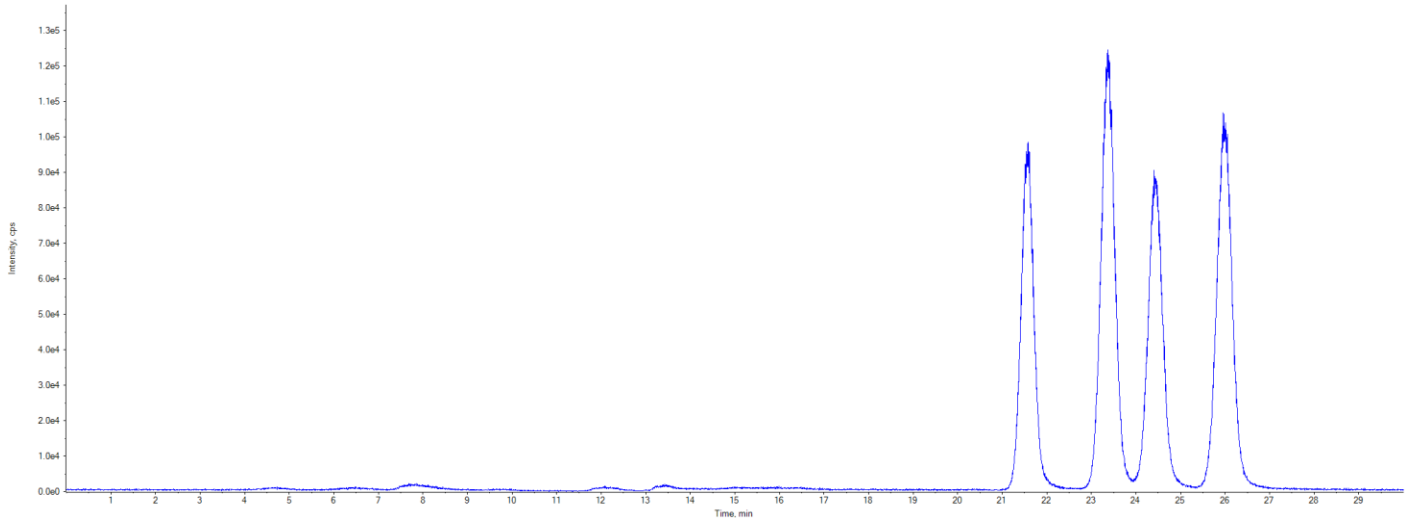
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.31e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.5
	Actual RT:	24.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.72e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.33e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

Figure S5 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 5 d (20°C)

Figure Caption
Figure_6_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-10d-1.rdb
Acquisition Date	8/21/2022 12:28:49 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-10d-1 Vial #: 52



Sample Name	0.004-10d-1	Injection Vial	52
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 12:28:49 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-10d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.6
	Actual RT:	21.6
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.61e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

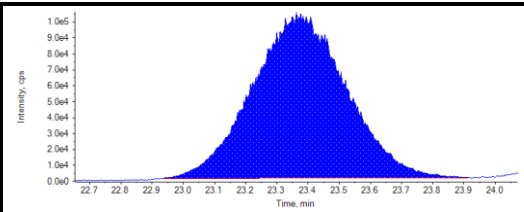
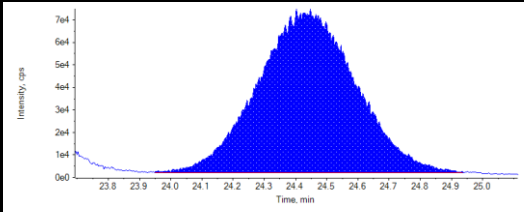
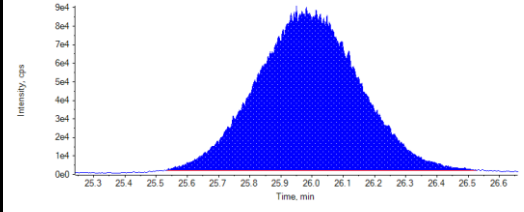
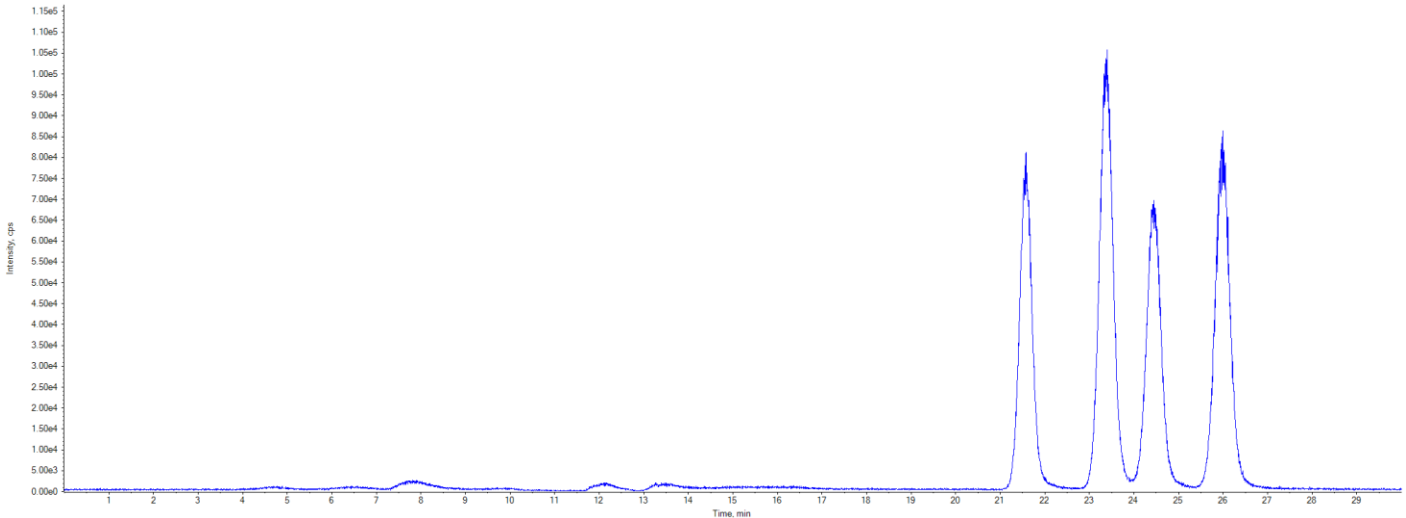
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.19e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.60e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.08e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)

Figure S6 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 10 d (20°C)

Figure Caption
Figure_7_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-15d-3.rdb
Acquisition Date	8/21/2022 11:57:21 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-15d-3 Vial #: 51



Sample Name	0.004-15d-3	Injection Vial	51
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 11:57:21 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-15d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.6
	Actual RT:	21.6
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.28e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

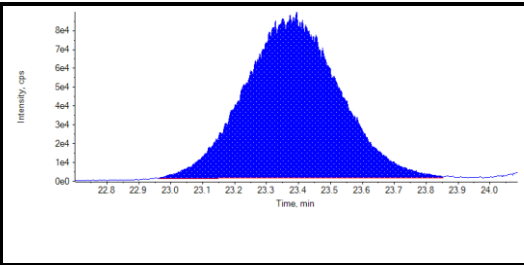
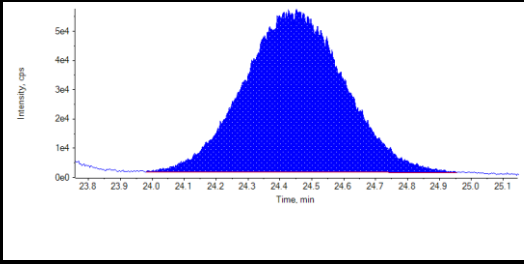
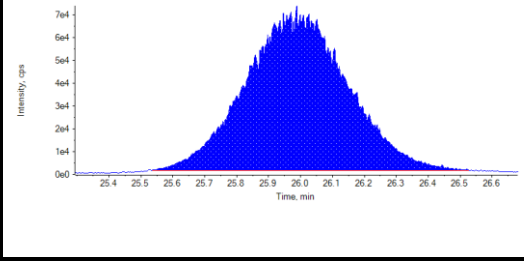
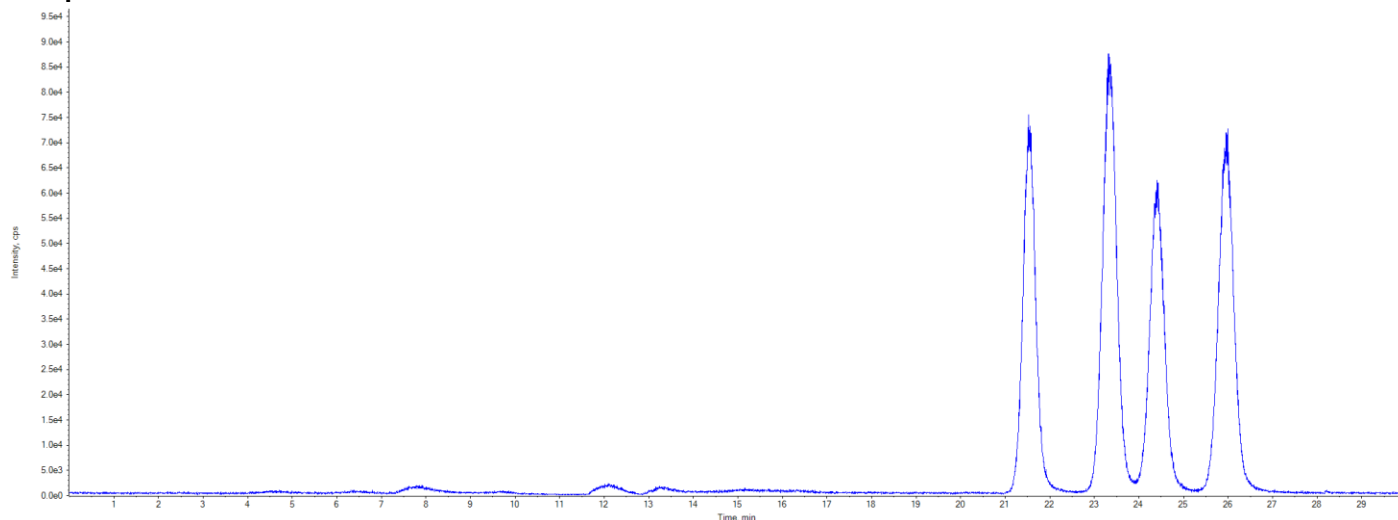
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.81e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.5
	Actual RT:	24.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.24e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.61e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

Figure S7 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 15 d (20°C)

Figure Caption
Figure_8_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-20d-2.rdb
Acquisition Date	8/21/2022 10:23:01 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-20d-3 Vial #: 48



Sample Name	0.004-20d-3	Injection Vial	48
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 10:23:01 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-20d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.12e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

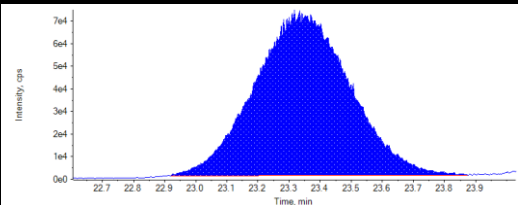
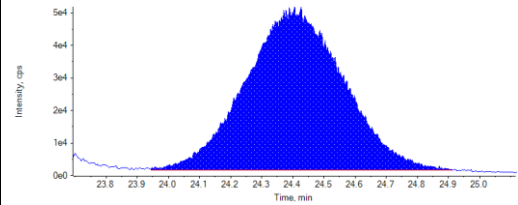
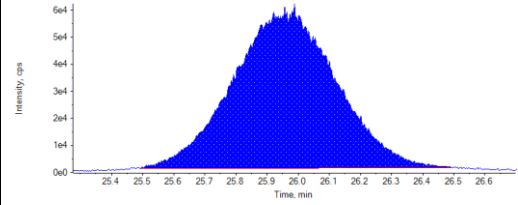
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.48e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.03e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.30e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)

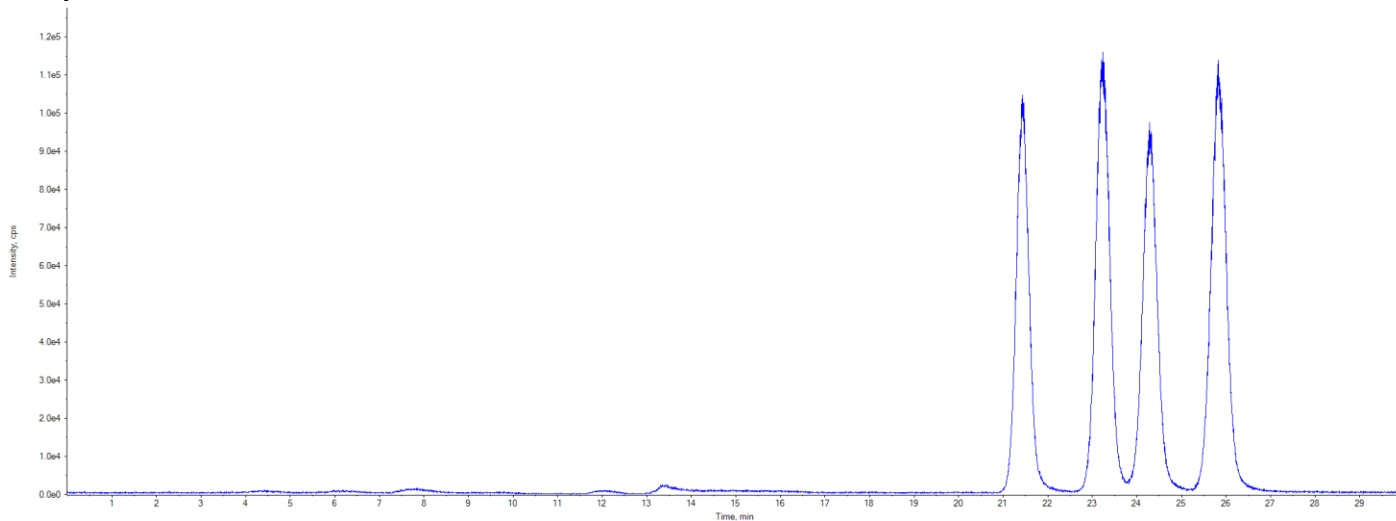
Figure S8 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 20 d (20°C)



Figure Caption
 Figure_9_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-25d-2.rdb
Acquisition Date	8/21/2022 8:17:11 AM	Algorithm Used	IntelliQuan
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-25d-2 **Vial #:** 44



Sample Name	0.004-25d-2	Injection Vial	44
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 8:17:11 AM	Algorithm Used	IntelliQuan
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-25d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at approximately 21.4 minutes. The y-axis (intensity in cps) ranges from 0e0 to 8e4, and the x-axis (time in minutes) ranges from 20.8 to 22.1. The peak is symmetric and reaches a maximum intensity of about 7.5e4 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.4
	Actual RT:	21.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.73e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

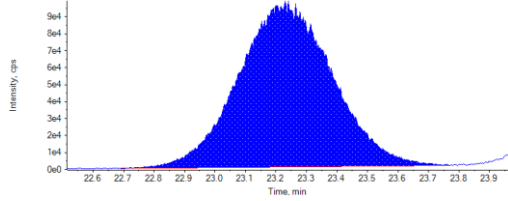
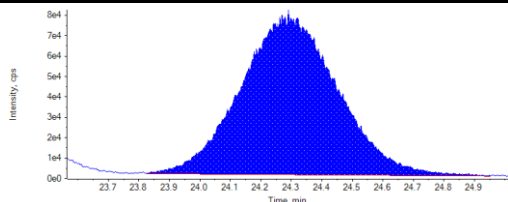
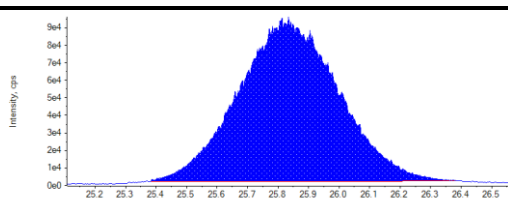
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.2
	Actual RT:	23.2
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.07e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.3
	Actual RT:	24.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.72e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.8
	Actual RT:	25.8
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.24e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)
	Amount:	0.00 (ng/mL)

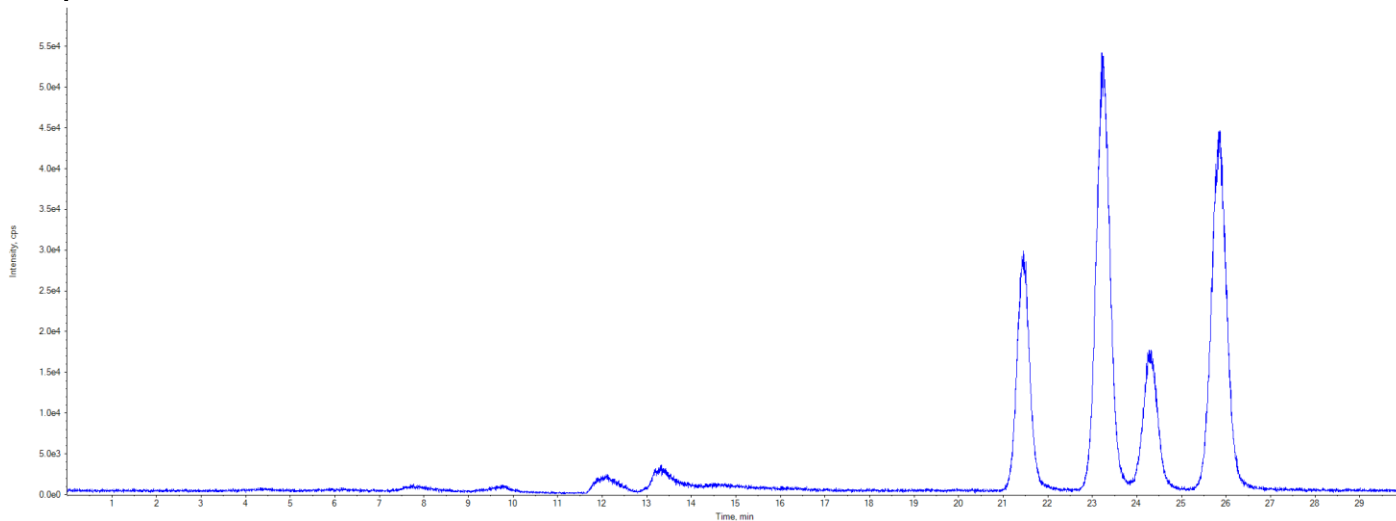
Figure S9 plums treated with 0.004 a.i. g/L propiconazole were sampled on 25d when stored at 20°C



Figure Caption
 Figure_10_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.004-30d-2.rdb
Acquisition Date	8/21/2022 6:42:48 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-30d-2 Vial #: 41



Sample Name	0.004-30d-2	Injection Vial	41
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 6:42:48 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.004-30d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at 21.5 minutes. The y-axis represents intensity (cps) from 0 to 25,000, and the x-axis represents time (min) from 20.8 to 22.1. The peak is symmetric and reaches a maximum intensity of approximately 22,000 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.80e+005
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

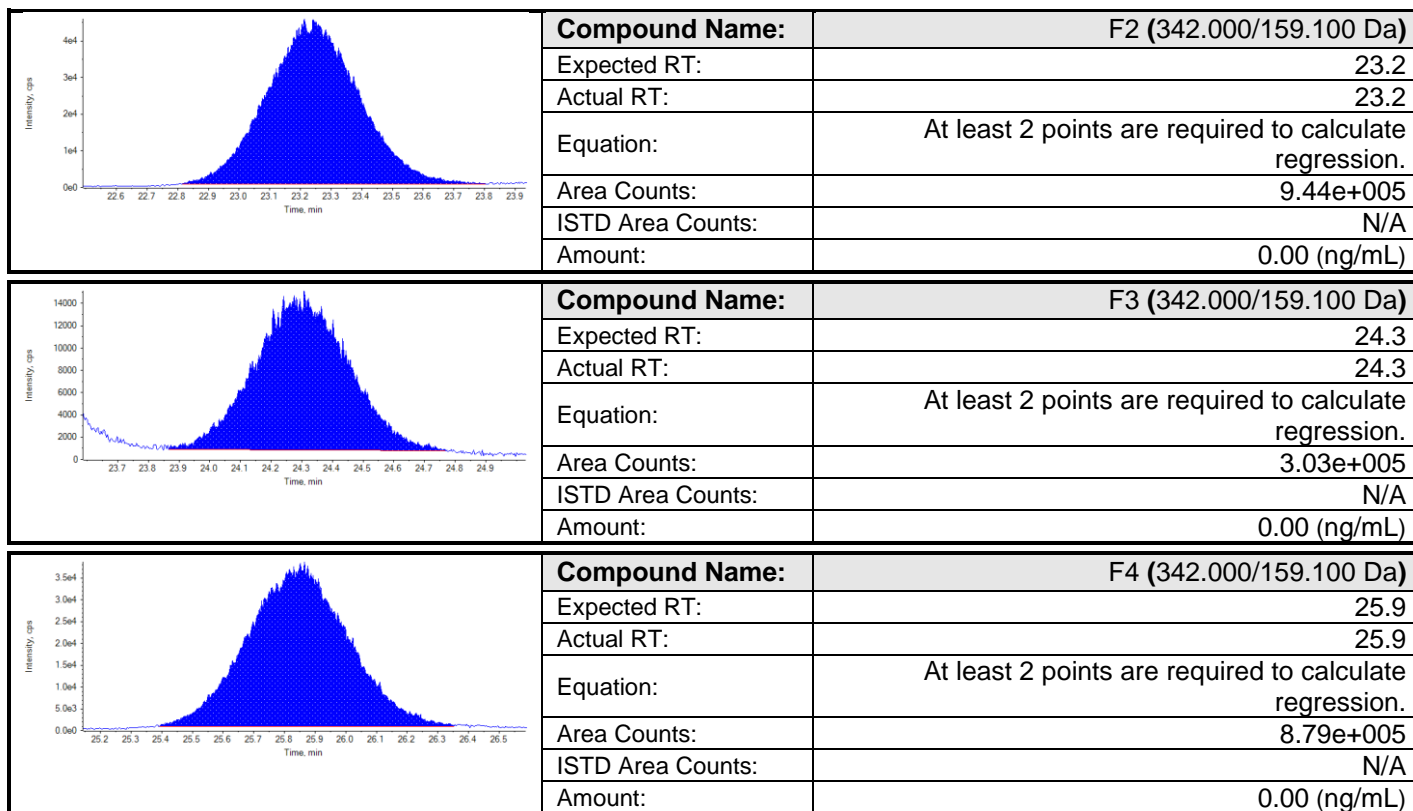


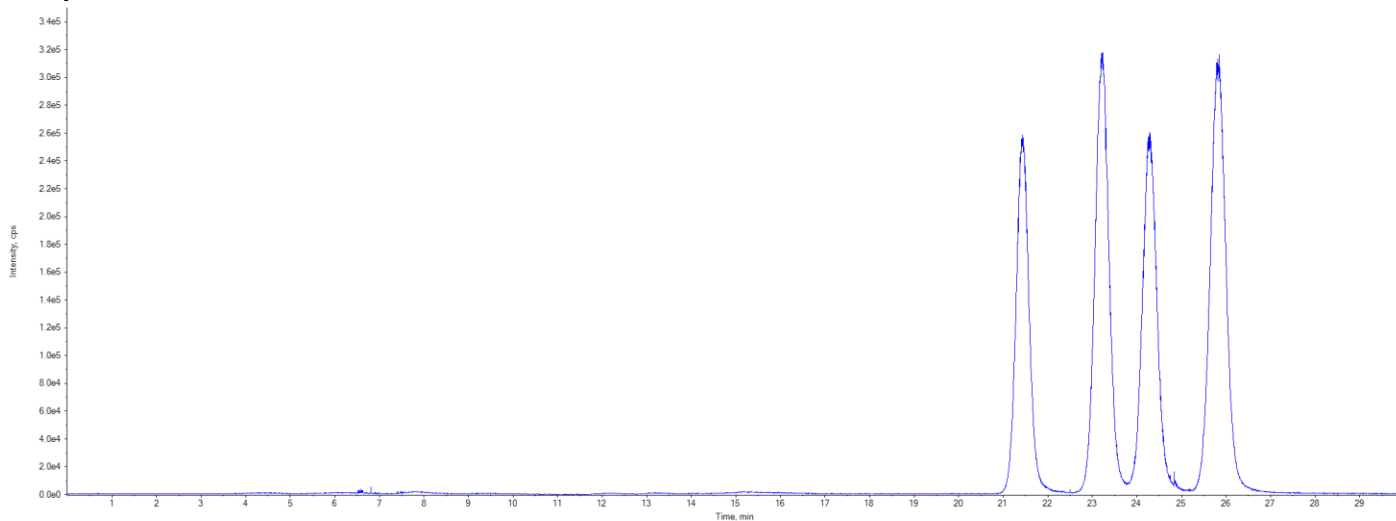
Figure S10 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 30 d (20°C)



Figure Caption
 Figure_11_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-5d-1.rdb
Acquisition Date	8/21/2022 1:28:15 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-5d-1 **Vial #:** 31



Sample Name	0.02-5d-1	Injection Vial	31
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/21/2022 1:28:15 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-5d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in peak shows intensity (cps) on the y-axis (0.0e0 to 2.0e5) against time (min) on the x-axis (20.8 to 22.1). The peak is centered at 21.4 minutes.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.4
	Actual RT:	21.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.33e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

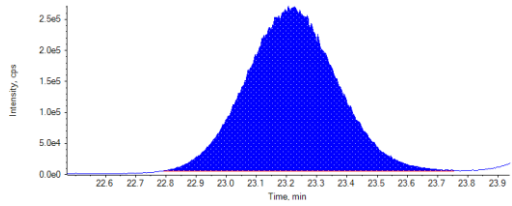
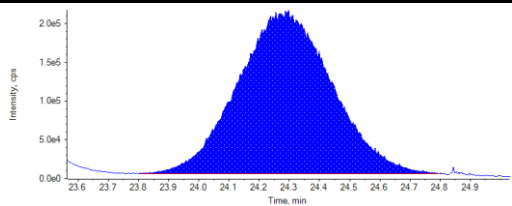
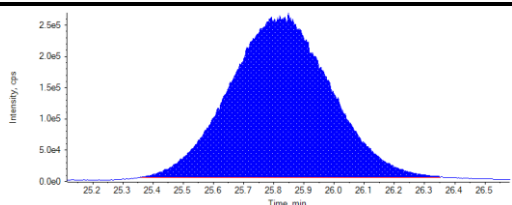
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.2
	Actual RT:	23.2
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.70e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.3
	Actual RT:	24.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.58e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.8
	Actual RT:	25.8
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	6.39e+006
	ISTD Area Counts:	N/A
Amount:		0.00 (ng/mL)

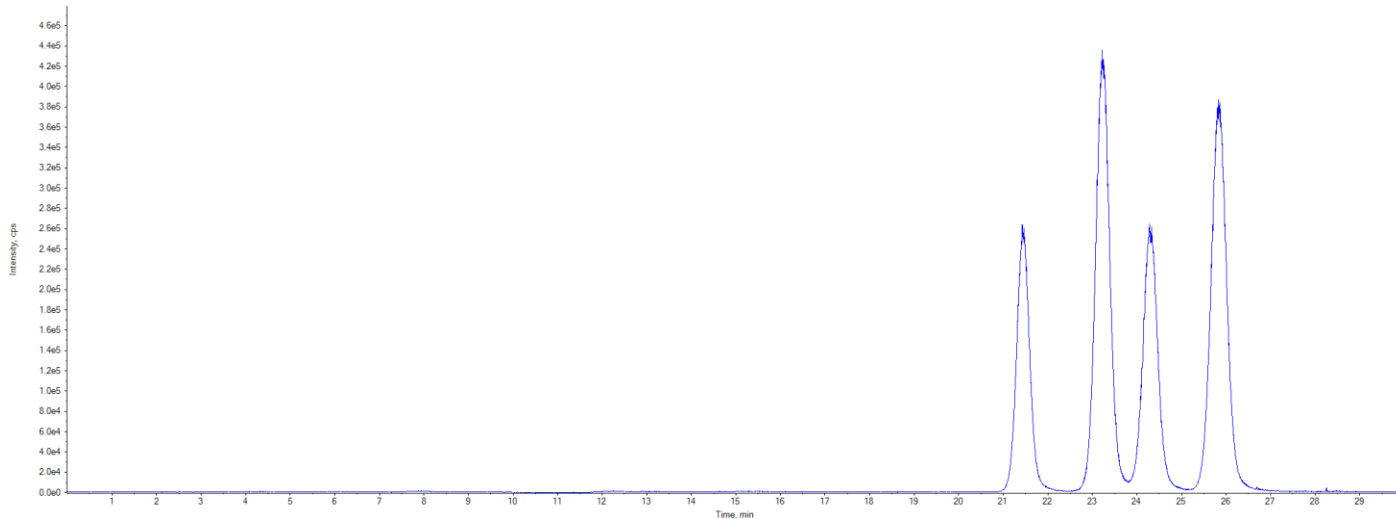
Figure S11 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 5 d (20°C)



Figure Caption
 Figure_12_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-10d-1.rdb
Acquisition Date	8/20/2022 11:53:52 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-10d-1 **Vial #:** 28



Sample Name	0.02-10d-1	Injection Vial	28
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/20/2022 11:53:52 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-10d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in peak at 21.4 minutes shows a Gaussian fit with intensity (cps) on the y-axis (0.0e0 to 2.0e5) and time (min) on the x-axis (20.8 to 22.1).</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.4
	Actual RT:	21.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.42e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

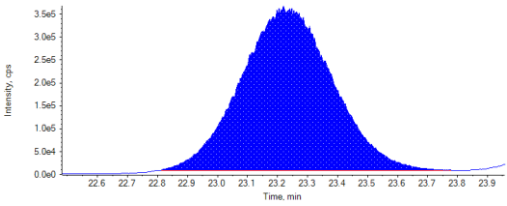
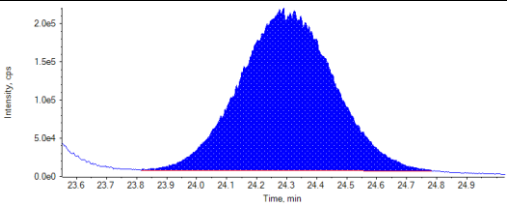
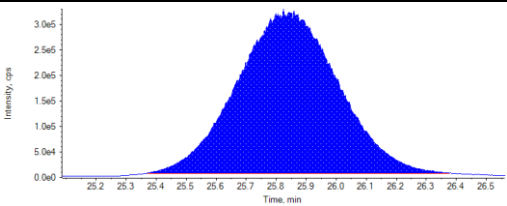
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.2</td></tr> <tr> <td>Actual RT:</td><td>23.2</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>7.83e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.2	Actual RT:	23.2	Equation:	At least 2 points are required to calculate regression.	Area Counts:	7.83e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.2														
Actual RT:	23.2														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	7.83e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.3</td></tr> <tr> <td>Actual RT:</td><td>24.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.74e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.3	Actual RT:	24.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.74e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.3														
Actual RT:	24.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.74e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.8</td></tr> <tr> <td>Actual RT:</td><td>25.8</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>7.83e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.8	Actual RT:	25.8	Equation:	At least 2 points are required to calculate regression.	Area Counts:	7.83e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.8														
Actual RT:	25.8														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	7.83e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

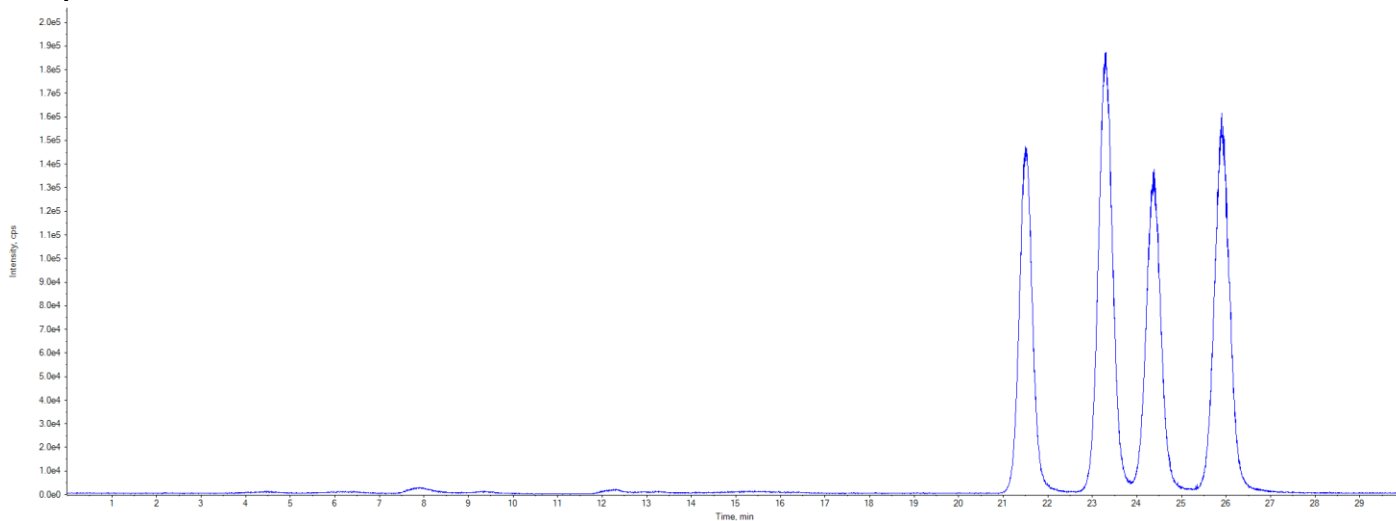
Figure S12 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 10 d (20°C)



Figure Caption
 Figure_13_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-15d-3.rdb
Acquisition Date	8/20/2022 11:22:24 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-15d-3 Vial #: 27



Sample Name	0.02-15d-3	Injection Vial	27
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/20/2022 11:22:24 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-15d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.52e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

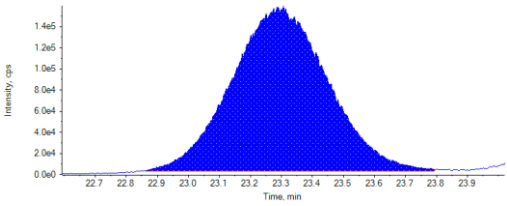
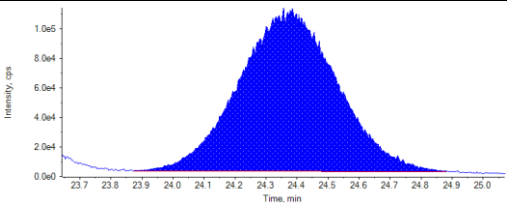
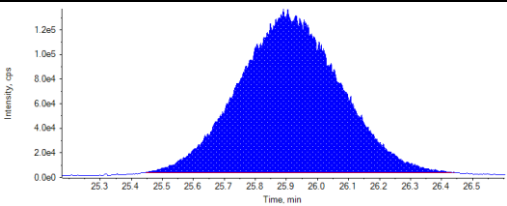
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.41e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.41e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.41e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.44e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.44e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.44e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.14e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.14e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.14e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

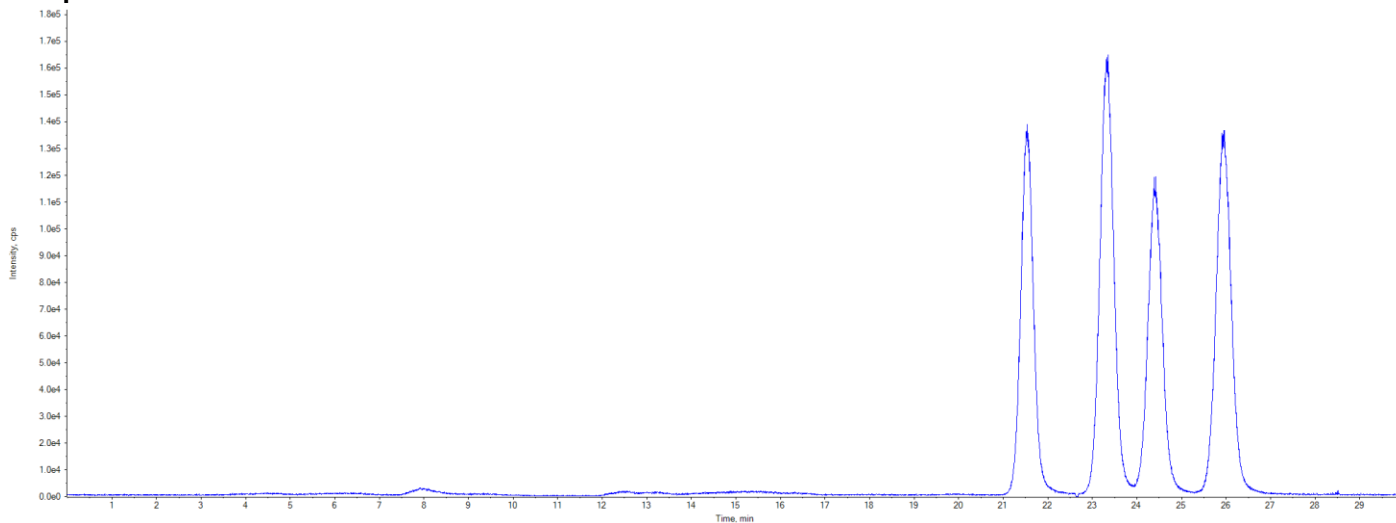
Figure S13 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 15 d (20°C)



Figure Caption
 Figure_14_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-20d-1.rdb
Acquisition Date	8/20/2022 8:45:06 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-20d-1 **Vial #:** 22



Sample Name	0.02-20d-1	Injection Vial	22
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/20/2022 8:45:06 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-20d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.25e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

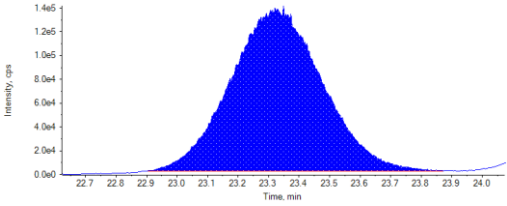
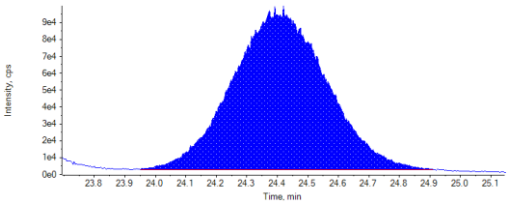
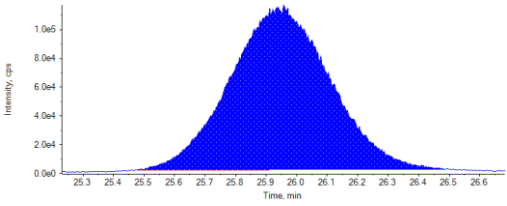
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.93e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.93e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.93e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.08e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.08e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.08e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.73e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.73e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.73e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

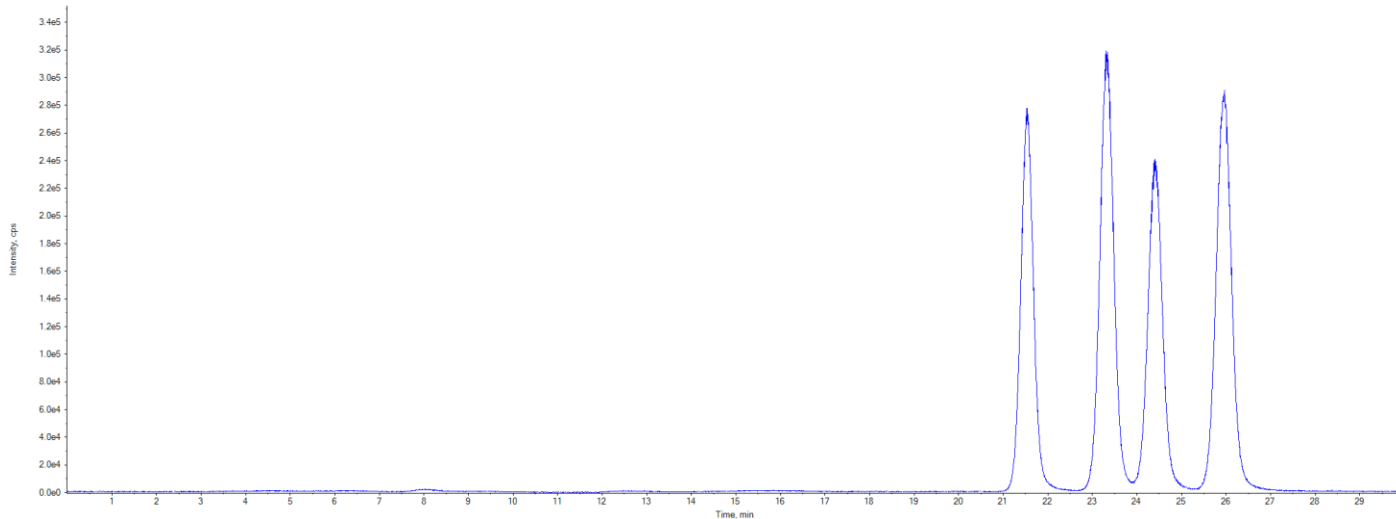
Figure S14 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 20 d (20°C)



Figure Caption
 Figure_15_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-25d-2.rdb
Acquisition Date	8/20/2022 7:42:11 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-25d-2 **Vial #:** 20



Sample Name	0.02-25d-2	Injection Vial	20
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/20/2022 7:42:11 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-25d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in peak shows a single, symmetric peak centered at 21.5 minutes. The x-axis ranges from 20.9 to 22.2 minutes, and the y-axis ranges from 0.0e0 to 2.0e5 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.54e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

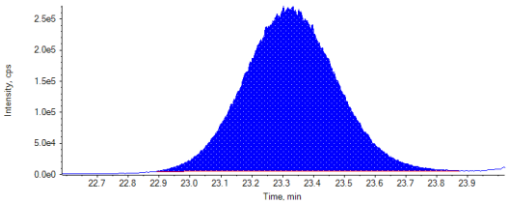
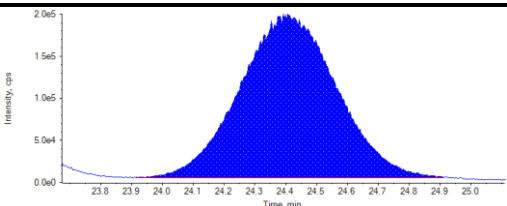
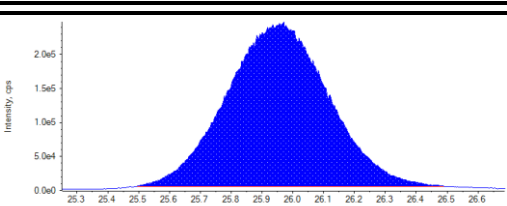
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>5.68e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	5.68e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	5.68e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.33e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.33e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.33e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>5.87e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	5.87e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	5.87e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

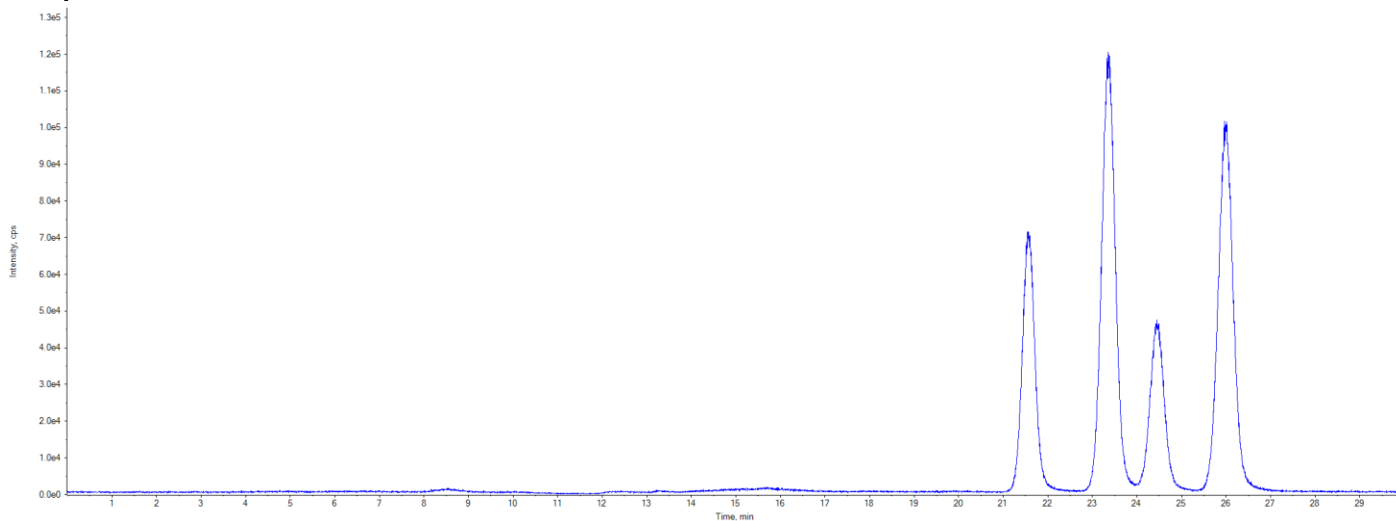
Figure S15 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 25 d (20°C)



Figure Caption
 Figure_16_SuppInfo.

Data File	20220820 BHZ-YP-20du.wiff	Result Table	20-0.02-30d-2.rdb
Acquisition Date	8/20/2022 6:07:48 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-30d-2 **Vial #:** 17



Sample Name	0.02-30d-2	Injection Vial	17
Data File	20220820 BHZ-YP-20du.wiff	Injection Volume	10
Acquisition Date	8/20/2022 6:07:48 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	20-0.02-30d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.18e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

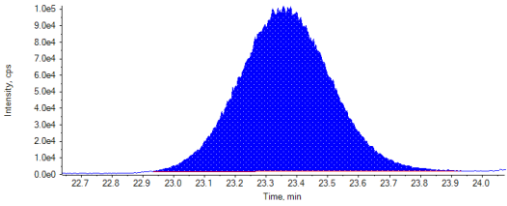
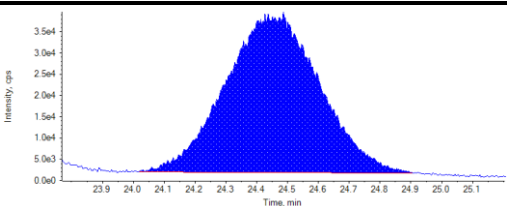
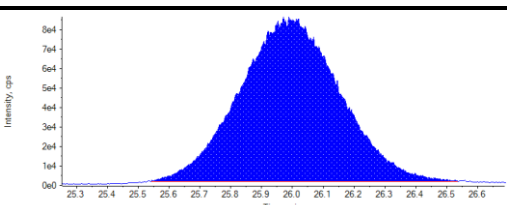
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.4</td></tr> <tr> <td>Actual RT:</td><td>23.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.12e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.4	Actual RT:	23.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.12e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.4														
Actual RT:	23.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.12e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.5</td></tr> <tr> <td>Actual RT:</td><td>24.5</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>8.11e+005</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.5	Actual RT:	24.5	Equation:	At least 2 points are required to calculate regression.	Area Counts:	8.11e+005	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.5														
Actual RT:	24.5														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	8.11e+005														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.00e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.00e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.00e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

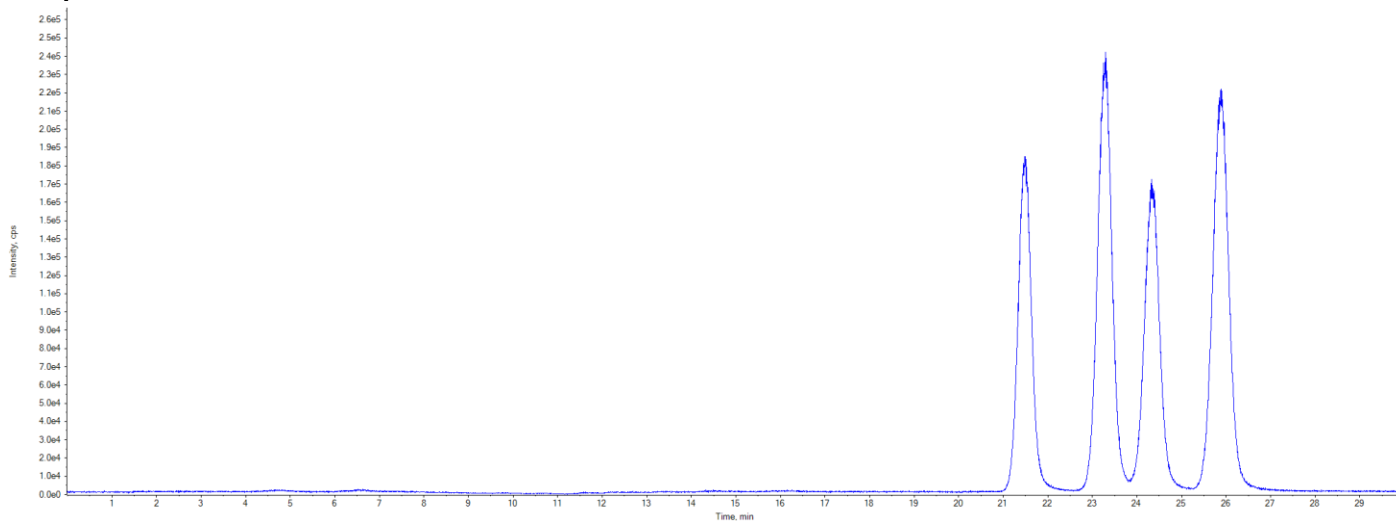
Figure S16 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 30 d (20°C)



Figure Caption
 Figure_17_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-5d-3.rdb
Acquisition Date	8/23/2022 4:51:18 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-5d-3 **Vial #:** 25



Sample Name	0.004-5d-3	Injection Vial	25
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/23/2022 4:51:18 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-5d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.21e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

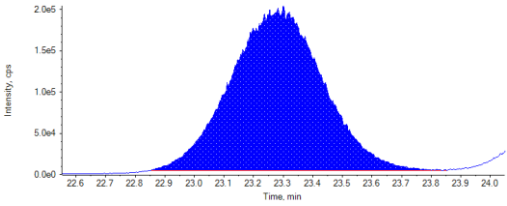
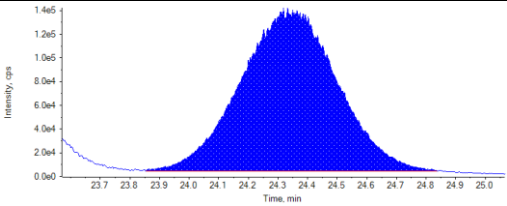
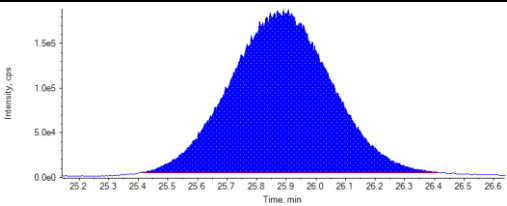
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.38e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.38e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.38e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.3</td></tr> <tr> <td>Actual RT:</td><td>24.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.16e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.3	Actual RT:	24.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.16e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.3														
Actual RT:	24.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.16e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.64e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.64e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.64e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

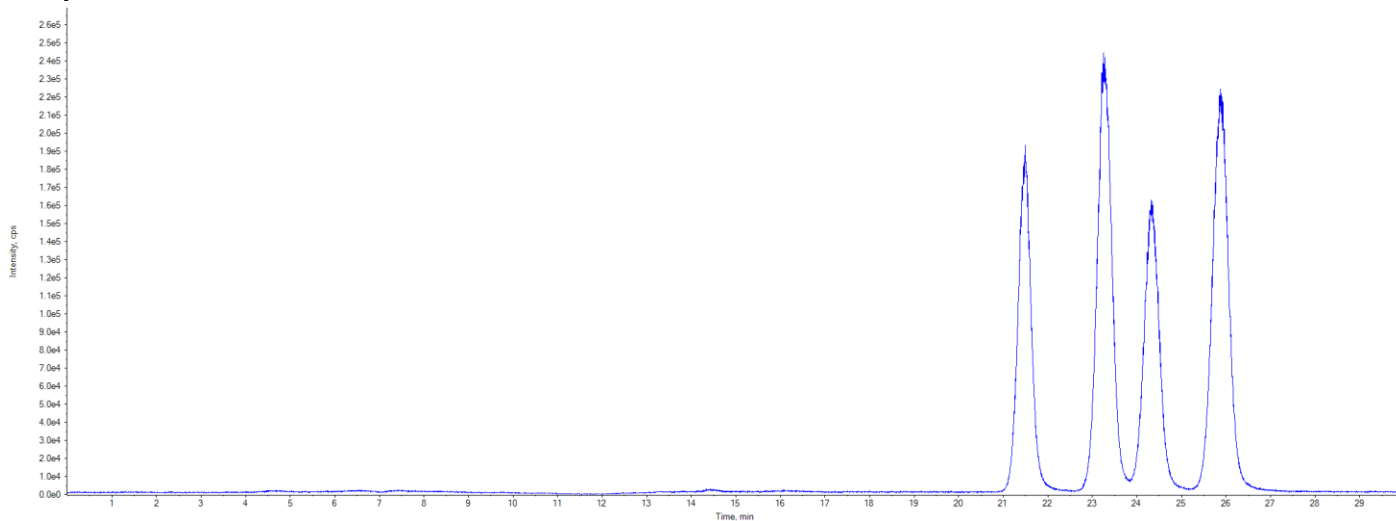
Figure S17 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 5 d (4°C)



Figure Caption
 Figure_18_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-10d-3.rdb
Acquisition Date	8/23/2022 3:16:55 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-10d-3 **Vial #:** 22



Sample Name	0.004-10d-3	Injection Vial	22
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/23/2022 3:16:55 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.04-10d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at a retention time of 21.5 minutes. The x-axis represents time in minutes from 20.8 to 22.2, and the y-axis represents intensity in cps from 0.0e0 to 1.5e5. The peak is symmetric and reaches a maximum intensity of approximately 1.4e5 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.20e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

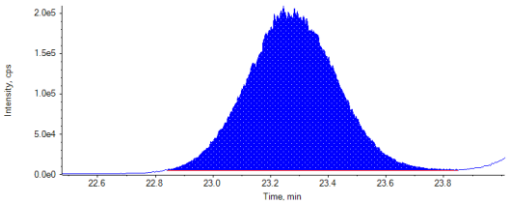
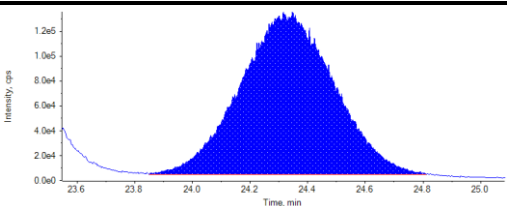
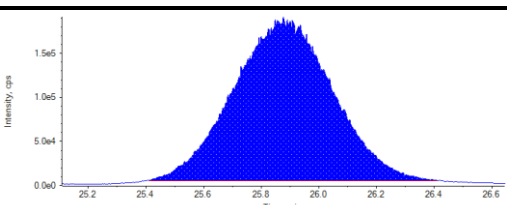
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.2</td></tr> <tr> <td>Actual RT:</td><td>23.2</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.49e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.2	Actual RT:	23.2	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.49e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.2														
Actual RT:	23.2														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.49e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.3</td></tr> <tr> <td>Actual RT:</td><td>24.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.00e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.3	Actual RT:	24.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.00e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.3														
Actual RT:	24.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.00e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.72e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.72e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.72e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

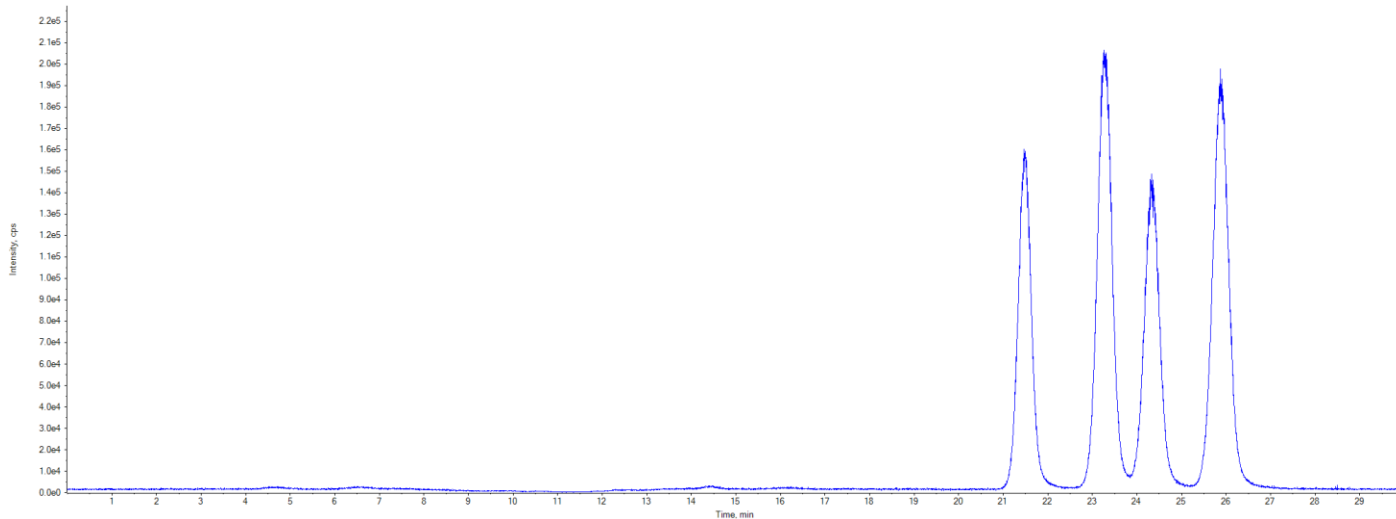
Figure S18 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 10 d (4°C)



Figure Caption
 Figure_19_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-15d-1.rdb
Acquisition Date	8/23/2022 12:39:37 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-15d-1 **Vial #:** 17



Sample Name	0.004-15d-1	Injection Vial	17
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/23/2022 12:39:37 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-15d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single peak at 21.5 minutes with intensity from 0.0e0 to 1.2e5 cps over a time range of 20.8 to 22.2 minutes. A blue Gaussian curve is fitted to the peak.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.76e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

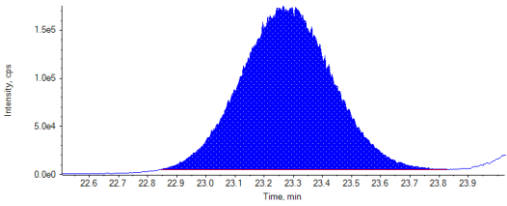
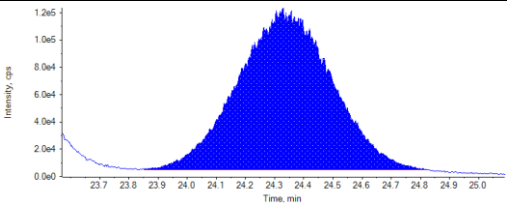
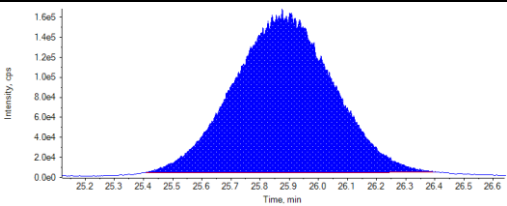
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.87e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.87e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.87e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.3</td></tr> <tr> <td>Actual RT:</td><td>24.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.72e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.3	Actual RT:	24.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.72e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.3														
Actual RT:	24.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.72e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.09e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.09e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.09e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

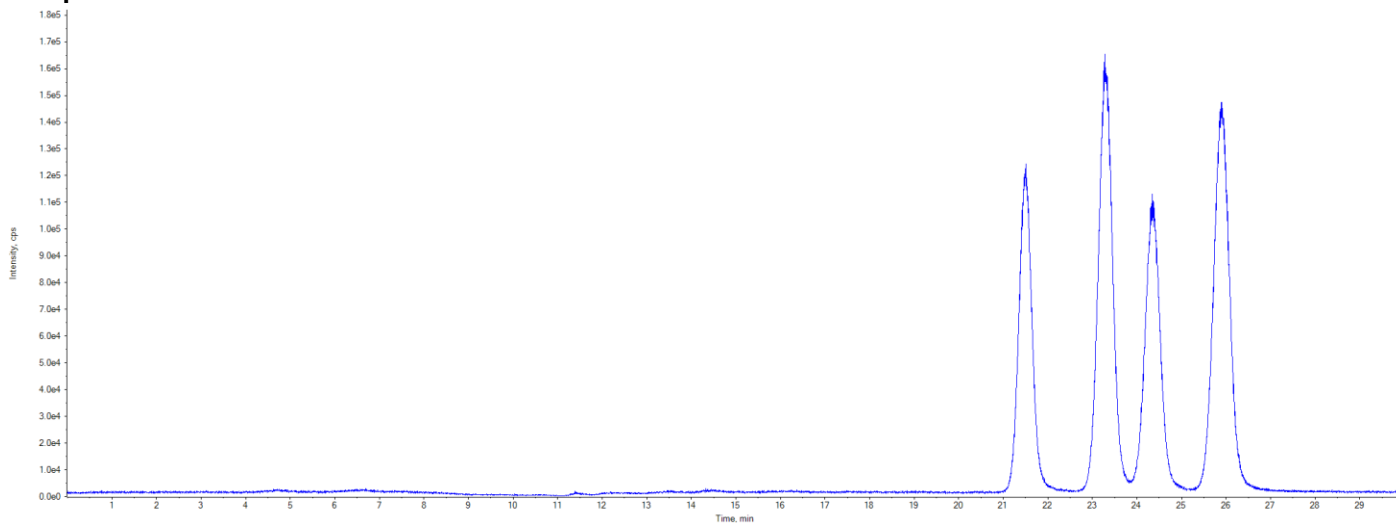
Figure S19 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 15 d (4°C)



Figure Caption
 Figure_20_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-20d-2.rdb
Acquisition Date	8/22/2022 11:36:42 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-20d-2 **Vial #:** 15



Sample Name	0.004-20d-2	Injection Vial	15
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 11:36:42 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-20d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at a retention time of 21.5 minutes. The x-axis ranges from 20.8 to 22.2 minutes, and the y-axis (intensity) ranges from 0.0e0 to 1.0e5 cps. The peak is symmetric and reaches a maximum intensity of approximately 9.0e4 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.07e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

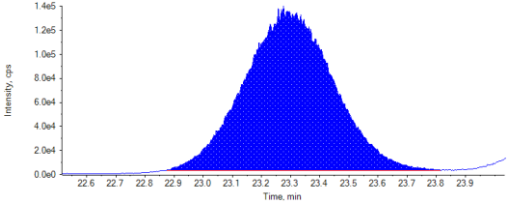
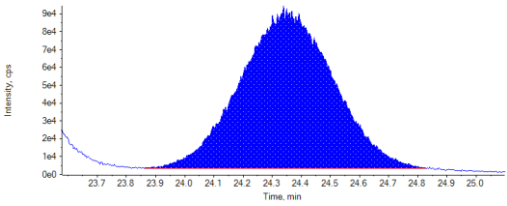
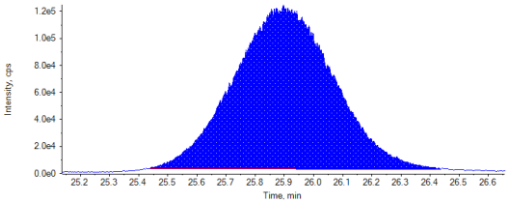
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.93e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.93e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.93e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.3</td></tr> <tr> <td>Actual RT:</td><td>24.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.01e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.3	Actual RT:	24.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.01e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.3														
Actual RT:	24.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.01e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>3.03e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	3.03e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	3.03e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

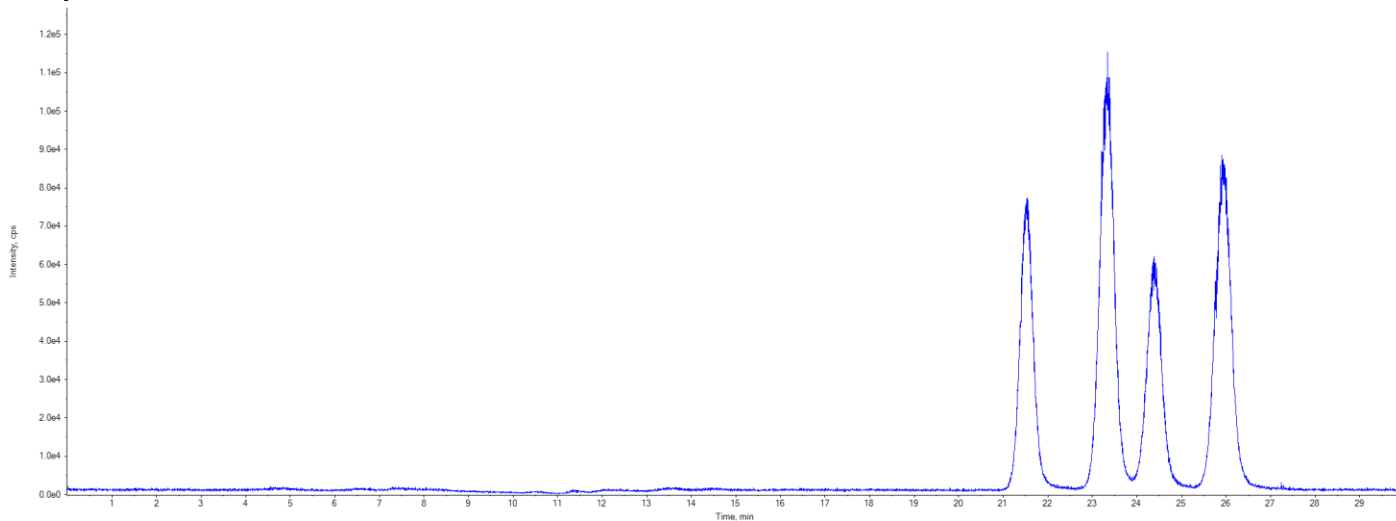
Figure S20 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 20 d (4°C)



Figure Caption
 Figure_21_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-25d-2.rdb
Acquisition Date	8/22/2022 10:02:19 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-25d-2 Vial #: 12



Sample Name	0.004-25d-2	Injection Vial	12
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 10:02:19 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-25d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at a retention time of 21.5 minutes. The y-axis represents intensity in cps (0 to 6e4) and the x-axis represents time in minutes (20.8 to 22.2).</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.28e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

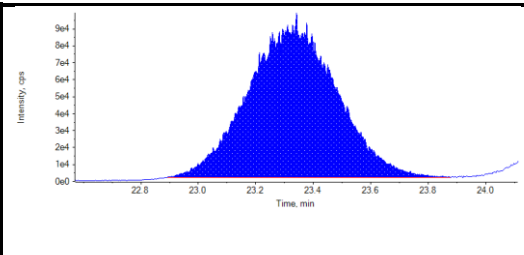
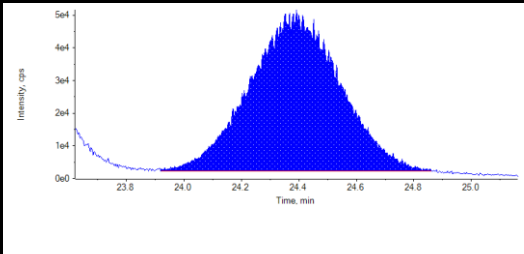
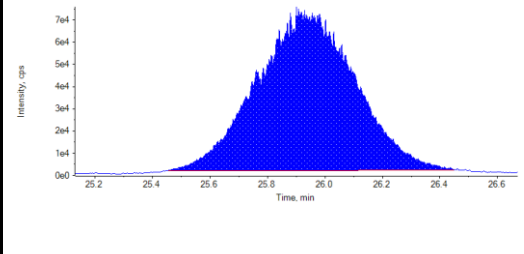
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.00e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.09e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.79e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

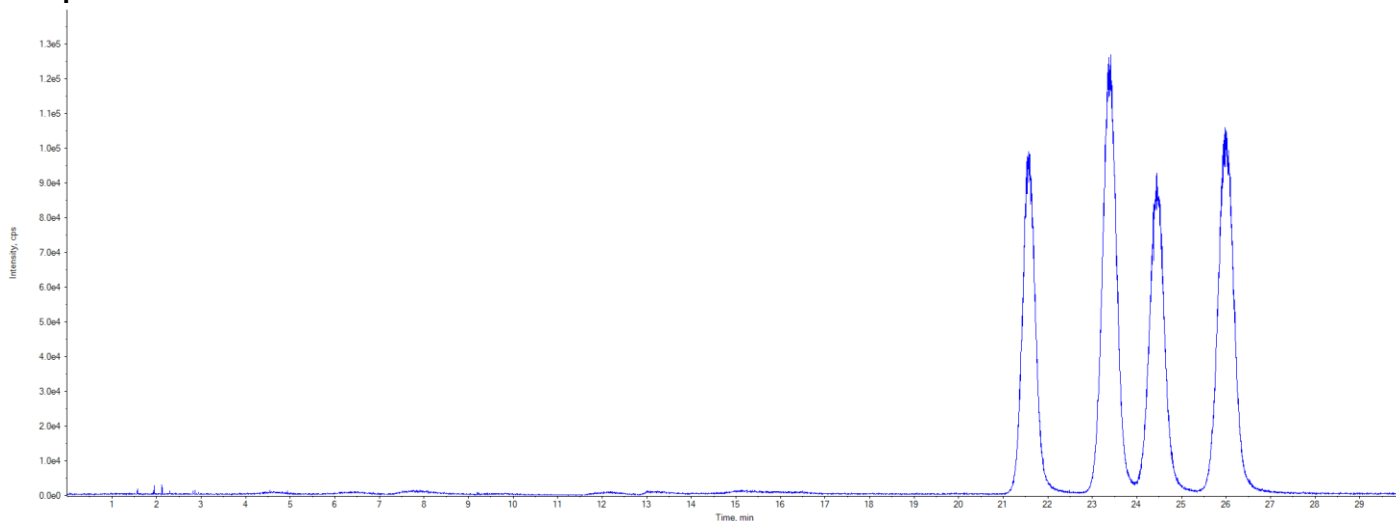
Figure S21 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 25 d (4°C)



Figure Caption
Figure_22_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.004-35d-3.rdb
Acquisition Date	8/22/2022 7:25:01 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.004-35d-3 Vial #: 7



Sample Name	0.004-35d-3	Injection Vial	7
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 7:25:01 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-35d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.63e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

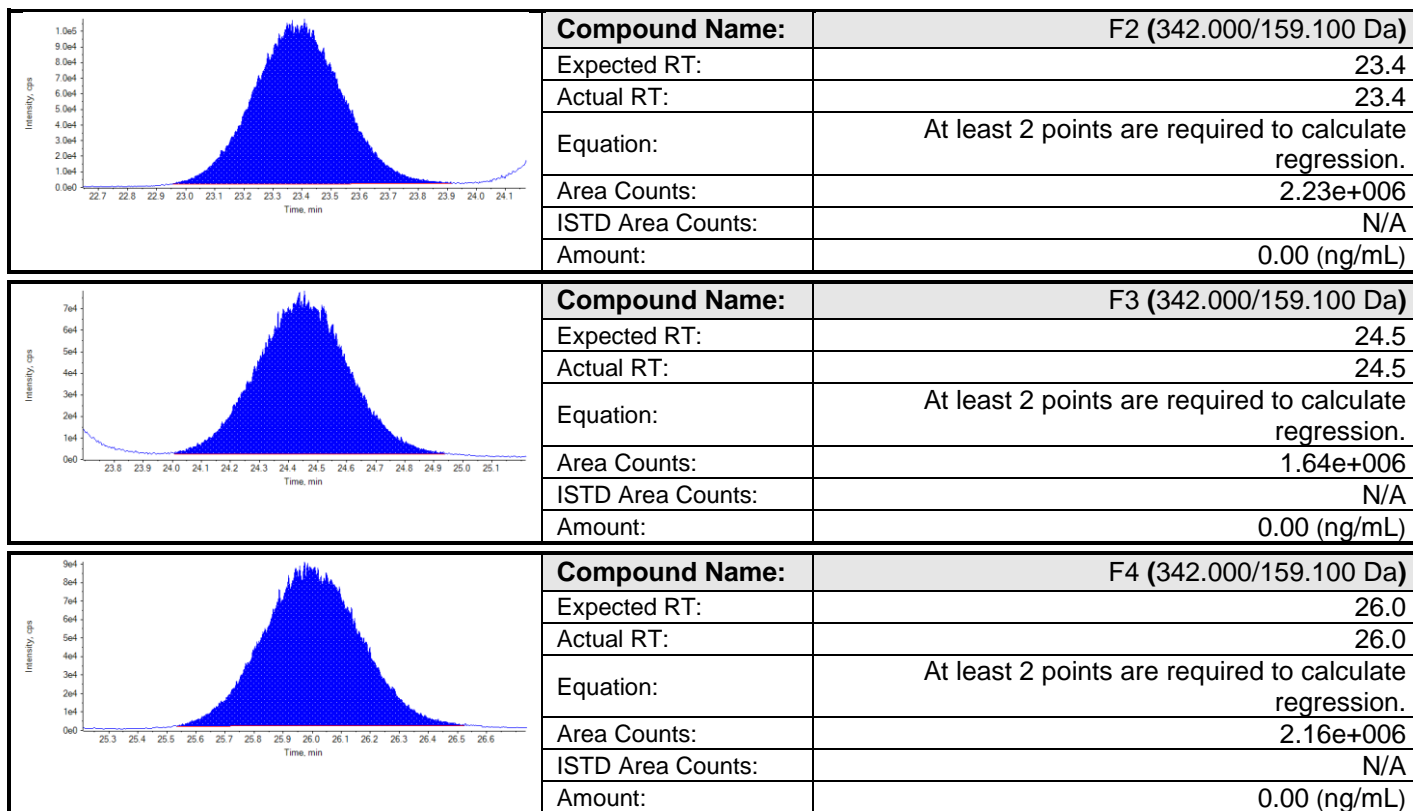


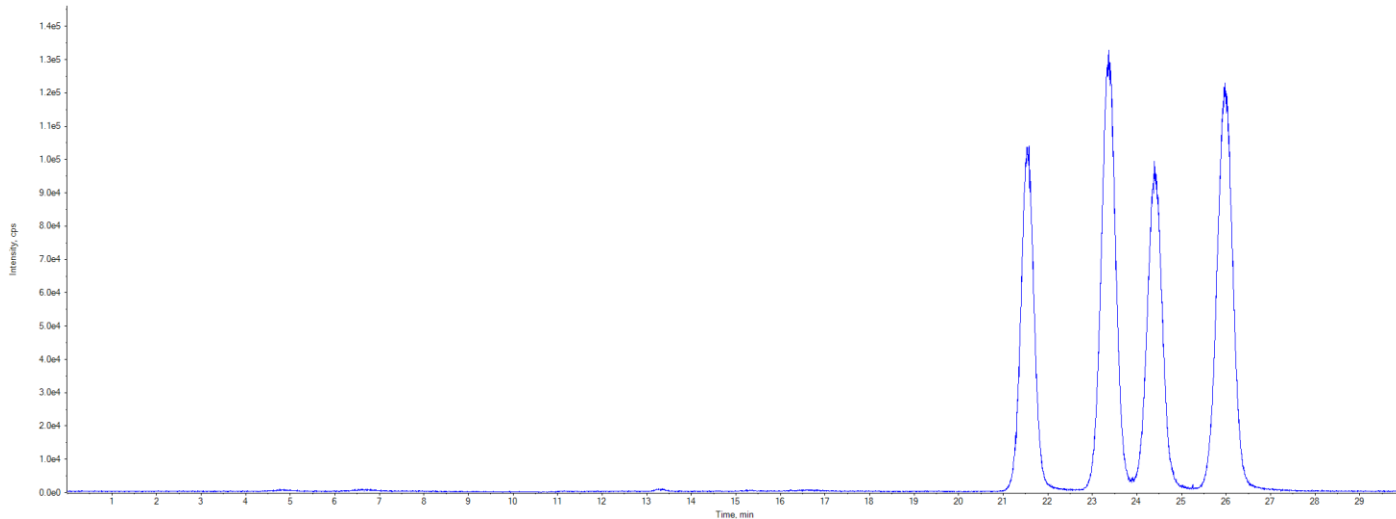
Figure S22 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 35 d (4°C)



Figure Caption
 Figure_23_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	4-0.004-45d-3.rdb
Acquisition Date	9/11/2022 8:18:00 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.004-45d-3 **Vial #:** 23



Sample Name	4-0.004-45d-3	Injection Vial	23
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/11/2022 8:18:00 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-45d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at 21.6 minutes. The x-axis ranges from 20.9 to 22.2 minutes, and the y-axis ranges from 0e0 to 8e4 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.6
	Actual RT:	21.6
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.79e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

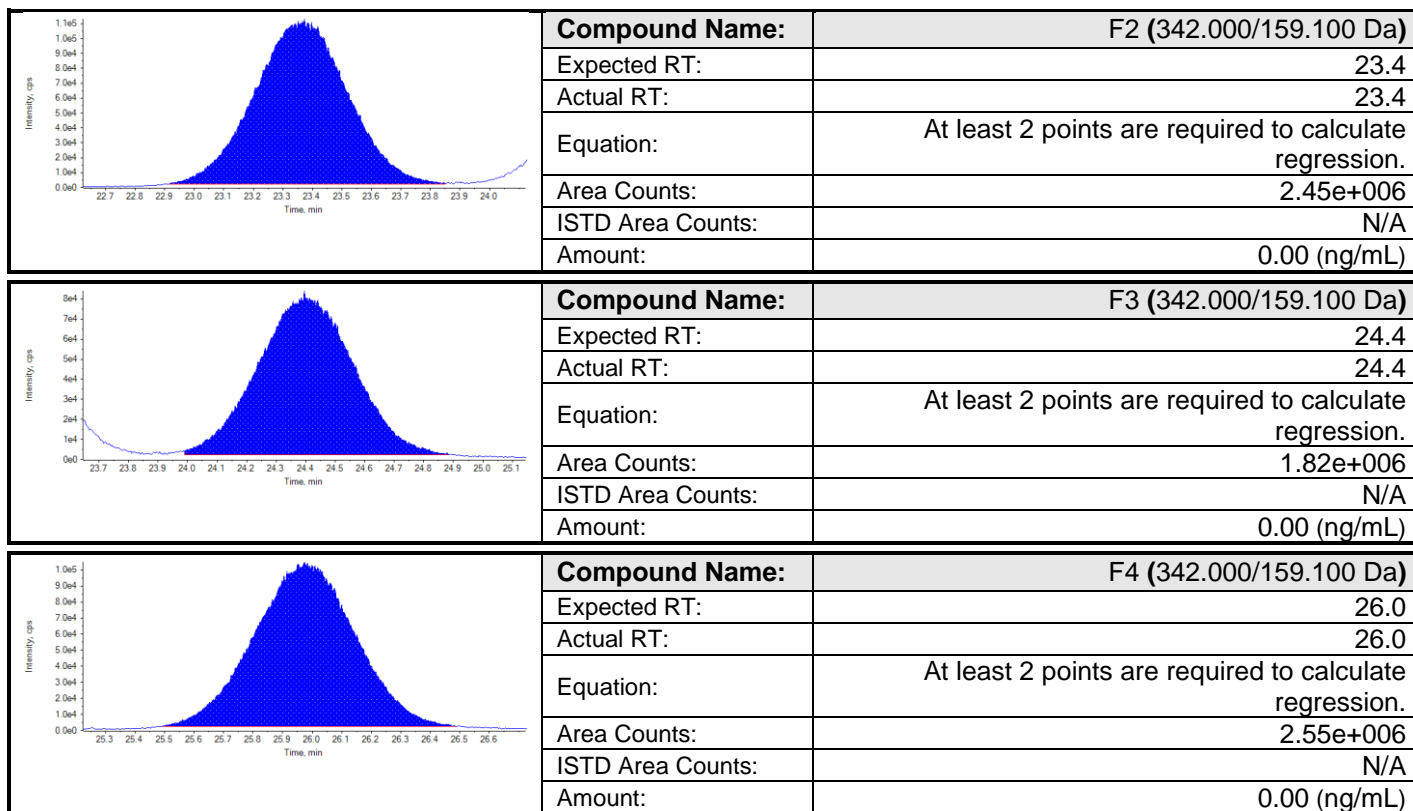


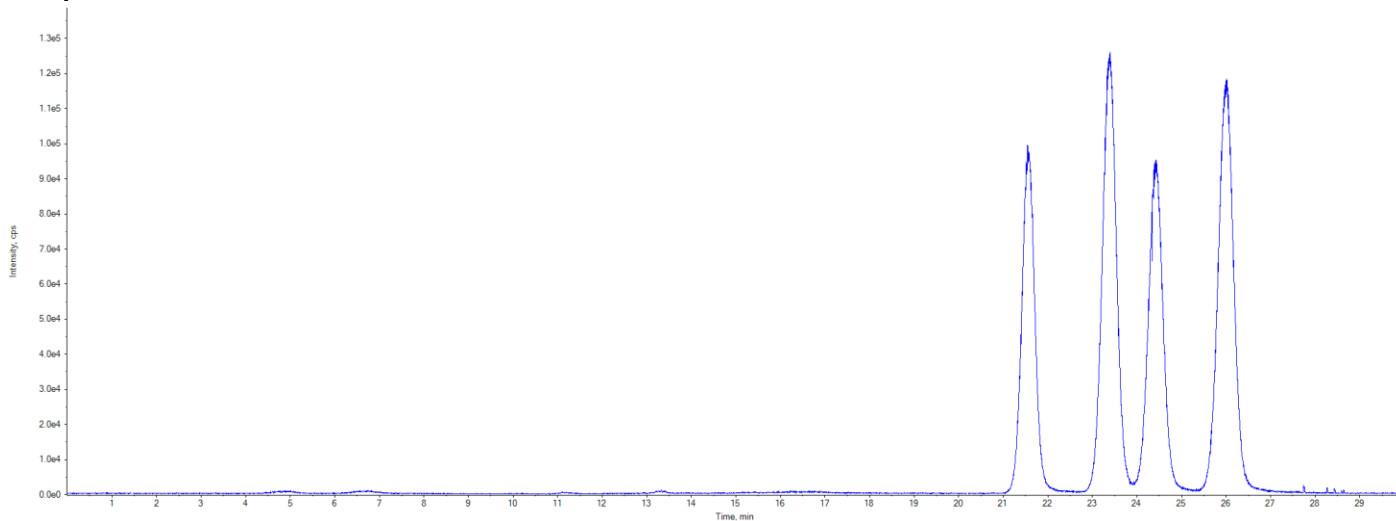
Figure 23 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 45 d (4°C)



Figure Caption
 Figure_24_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	4-0.004-55d-3.rdb
Acquisition Date	9/11/2022 6:43:40 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.004-55d-3 **Vial #:** 20



Sample Name	4-0.004-55d-3	Injection Vial	20
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/11/2022 6:43:40 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.004-55d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.67e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

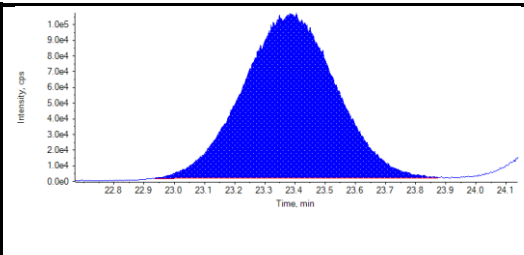
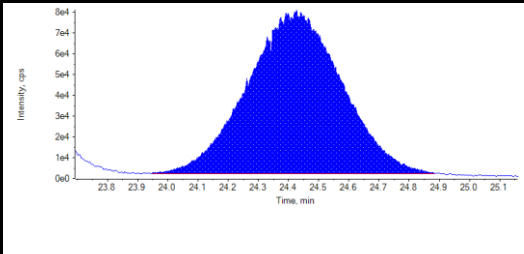
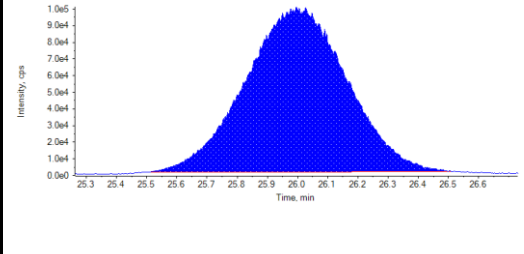
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.31e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.74e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.42e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

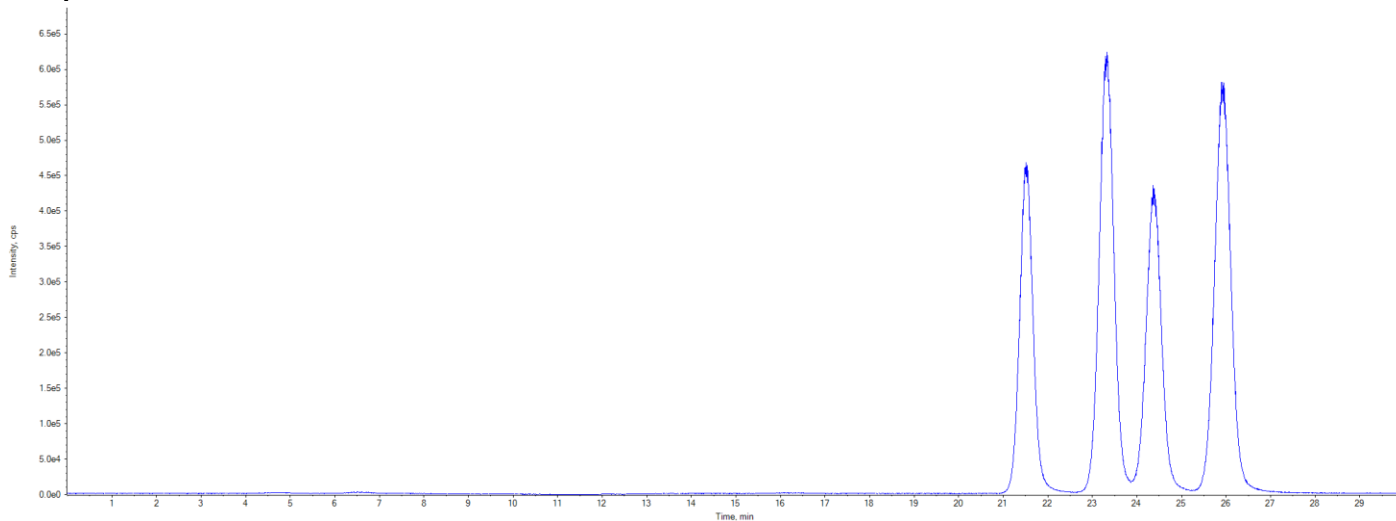
Figure S24 The LC chromatogram of plums treated with 0.004 a.i. g/L propiconazole at 55 d (4°C)



Figure Caption
 Figure_25_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-5d-2.rdb
Acquisition Date	8/22/2022 3:44:47 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-5d-2 **Vial #:** 104



Sample Name	0.02-5d-2	Injection Vial	104
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 3:44:47 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-5d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at 21.5 minutes. The x-axis ranges from 20.9 to 22.1 minutes, and the y-axis ranges from 0.0e0 to 3.5e5 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	8.15e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

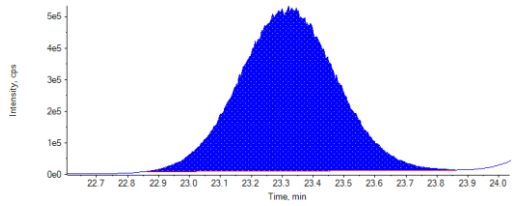
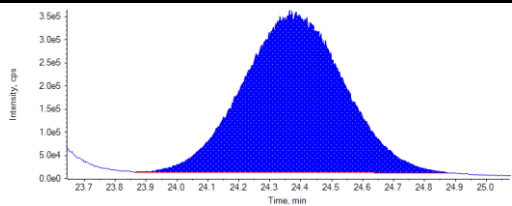
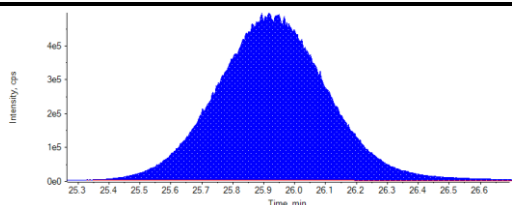
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.17e+007
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	8.09e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.24e+007
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

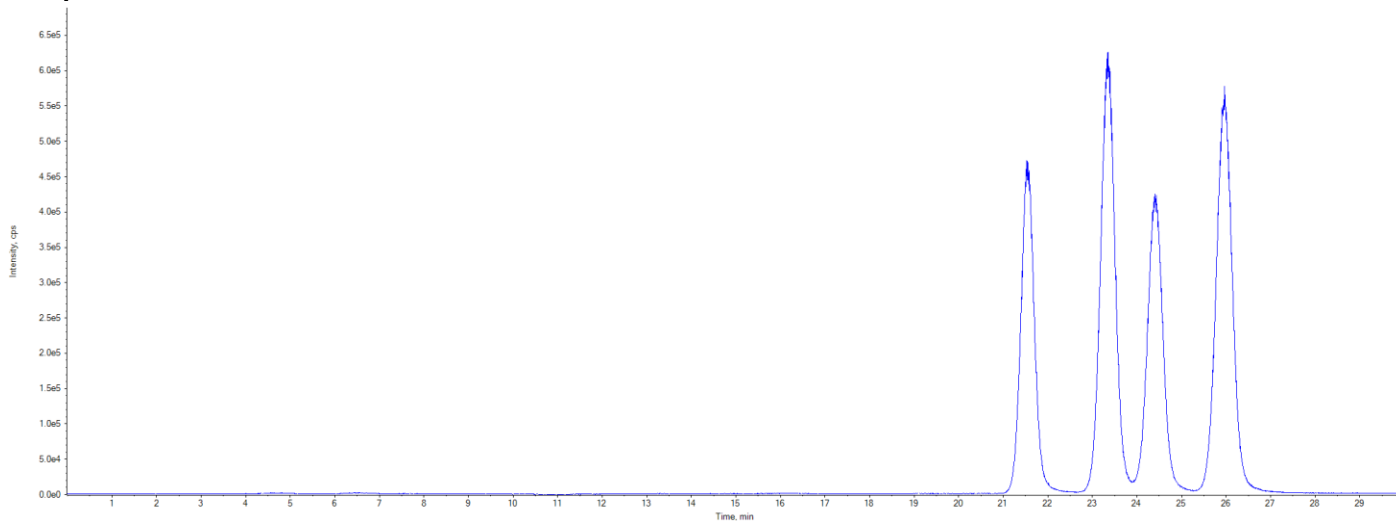
Figure S25 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 5 d (4°C)



Figure Caption
 Figure_26_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-10d-3.rdb
Acquisition Date	8/22/2022 2:41:55 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-10d-3 Vial #: 102



Sample Name	0.02-10d-3	Injection Vial	102
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 2:41:55 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-10d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at a retention time of 21.5 minutes. The intensity ranges from 0.0e0 to 3.5e5 cps over a time interval from 20.9 to 22.2 minutes.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	8.14e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

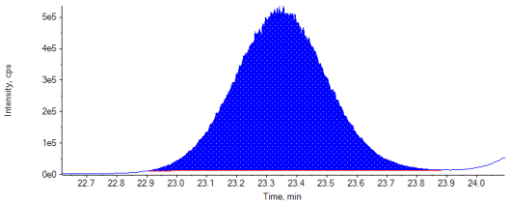
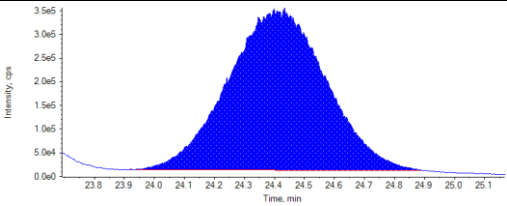
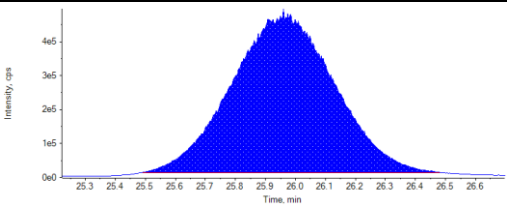
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.4</td></tr> <tr> <td>Actual RT:</td><td>23.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>1.14e+007</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.4	Actual RT:	23.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	1.14e+007	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.4														
Actual RT:	23.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	1.14e+007														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>7.96e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	7.96e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	7.96e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>1.19e+007</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	1.19e+007	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	1.19e+007														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

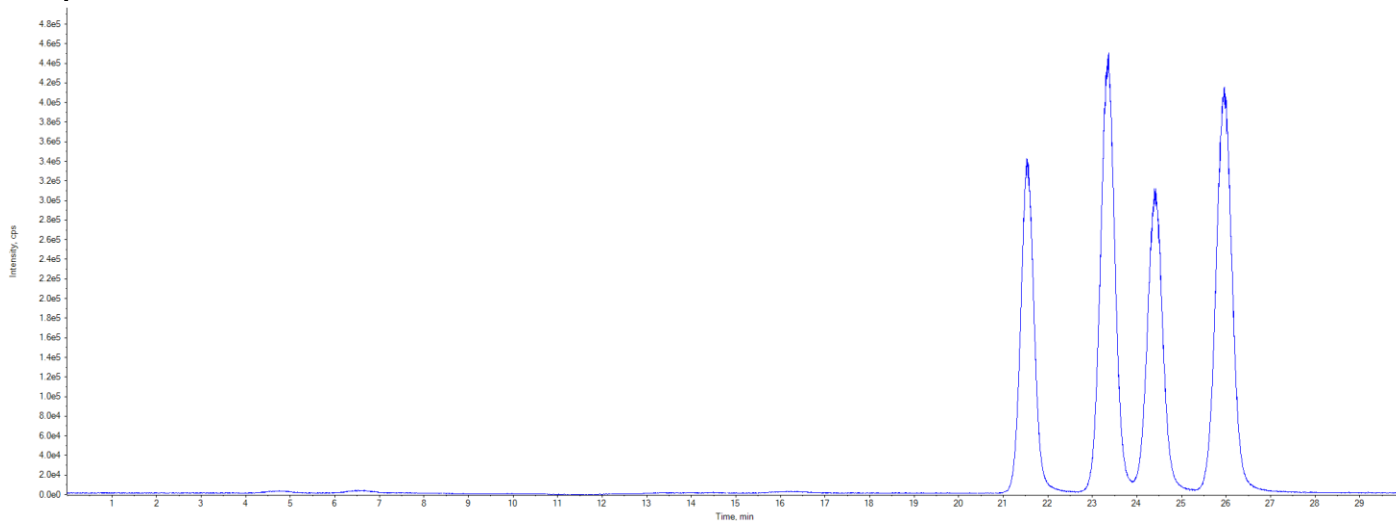
Figure S26 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 10 d (4°C)



Figure Caption
 Figure_27_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-15d-2.rdb
Acquisition Date	8/22/2022 12:36:07 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-15d-2 Vial #: 98



Sample Name	0.02-15d-2	Injection Vial	98
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 12:36:07 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-15d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in peak shows intensity (cps) on the y-axis (0.0e0 to 2.5e5) against time (min) on the x-axis (20.9 to 22.2). The peak is centered at 21.5 minutes.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.87e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

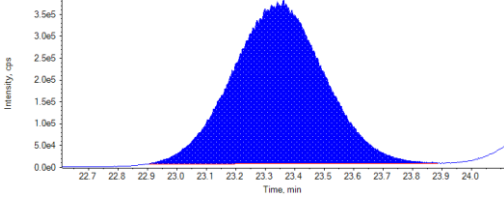
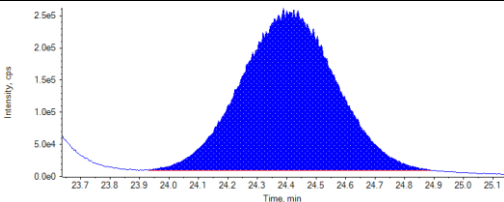
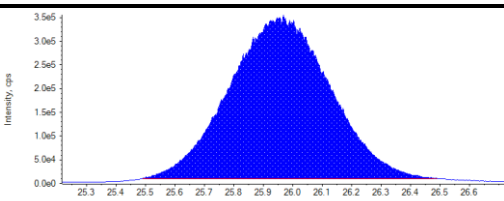
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.4</td></tr> <tr> <td>Actual RT:</td><td>23.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>8.22e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.4	Actual RT:	23.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	8.22e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.4														
Actual RT:	23.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	8.22e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>5.78e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	5.78e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	5.78e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>8.74e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	8.74e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	8.74e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

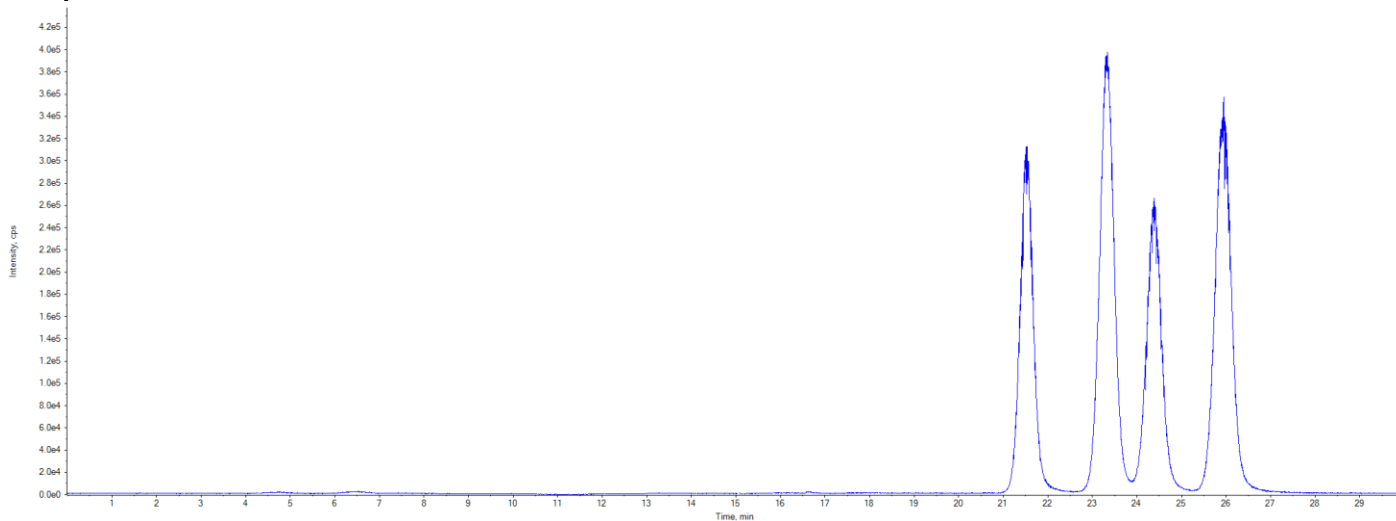
Figure S27 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 15 d (4°C)



Figure Caption
Figure_28_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-20d-1.rdb
Acquisition Date	8/22/2022 10:30:23 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-20d-1 Vial #: 94



Sample Name	0.02-20d-1	Injection Vial	94
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 10:30:23 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-20d-1.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.28e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

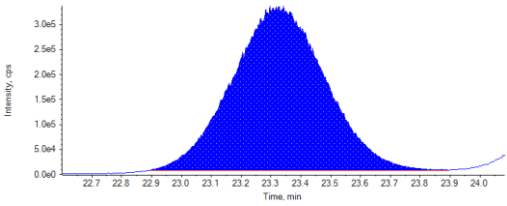
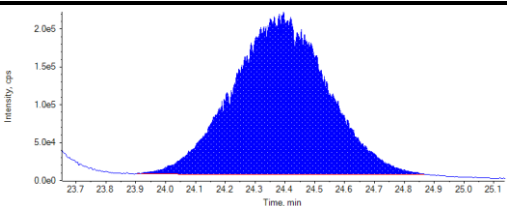
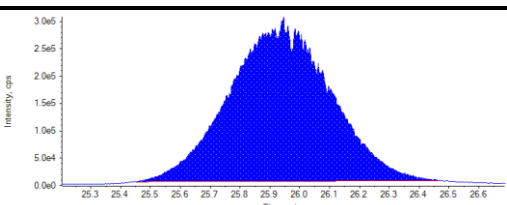
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>7.32e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	7.32e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	7.32e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>4.75e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	4.75e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	4.75e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>25.9</td></tr> <tr> <td>Actual RT:</td><td>25.9</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>7.30e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	25.9	Actual RT:	25.9	Equation:	At least 2 points are required to calculate regression.	Area Counts:	7.30e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	25.9														
Actual RT:	25.9														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	7.30e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

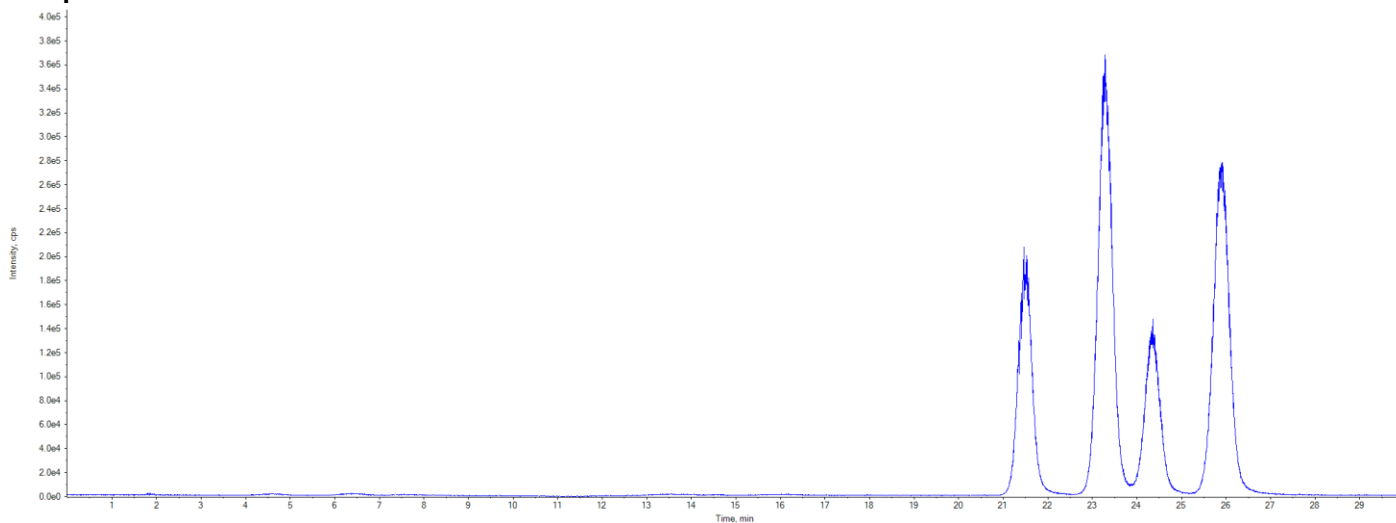
Figure S28 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 20 d (4°C)



Figure Caption
Figure_29_SuppInfo.

Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-25d-2.rdb
Acquisition Date	8/22/2022 9:27:31 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 0.02-25d-2 Vial #: 92



Sample Name	0.02-25d-2	Injection Vial	92
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 9:27:31 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-25d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.44e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

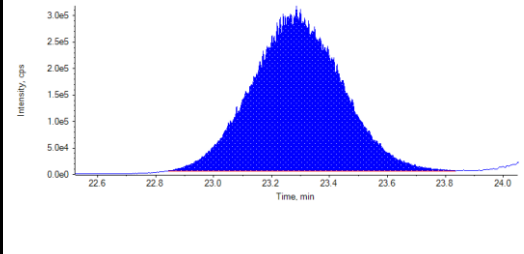
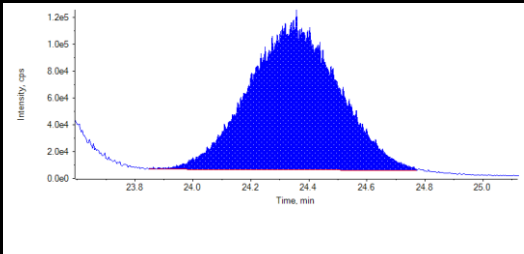
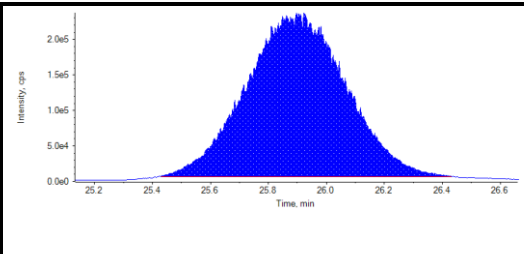
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	6.55e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.44e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	5.89e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

Figure S29 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 25 d (4°C)



Figure Caption
 Figure_30_SuppInfo.

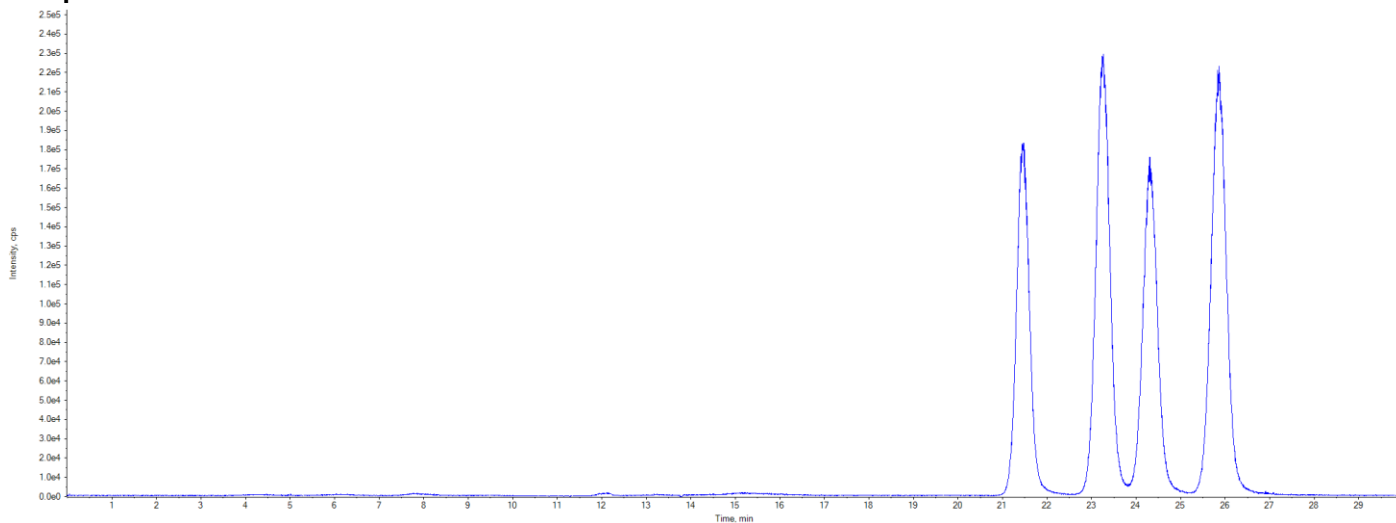
Data File	20220822 BHZ-YP-4du.wiff	Result Table	4-0.02-35d-2.rdb
Acquisition Date	8/22/2022 6:18:45 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name:

0.02-35d-2

Vial #:

86



Sample Name	0.02-35d-2	Injection Vial	86
Data File	20220822 BHZ-YP-4du.wiff	Injection Volume	10
Acquisition Date	8/22/2022 6:18:45 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-35d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The mass spectrum plot shows intensity (cps) on the y-axis (0.0e0 to 1.4e5) against time (min) on the x-axis (20.9 to 22.1). A single broad peak is centered at approximately 21.5 minutes.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.11e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

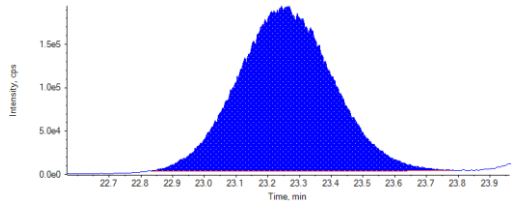
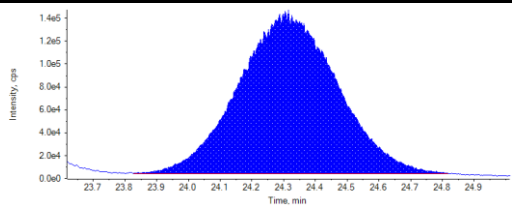
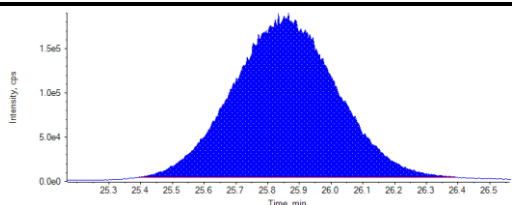
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.3
	Actual RT:	23.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.11e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.3
	Actual RT:	24.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.06e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	25.9
	Actual RT:	25.9
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	4.23e+006
	ISTD Area Counts:	N/A
Amount:		0.00 (ng/mL)

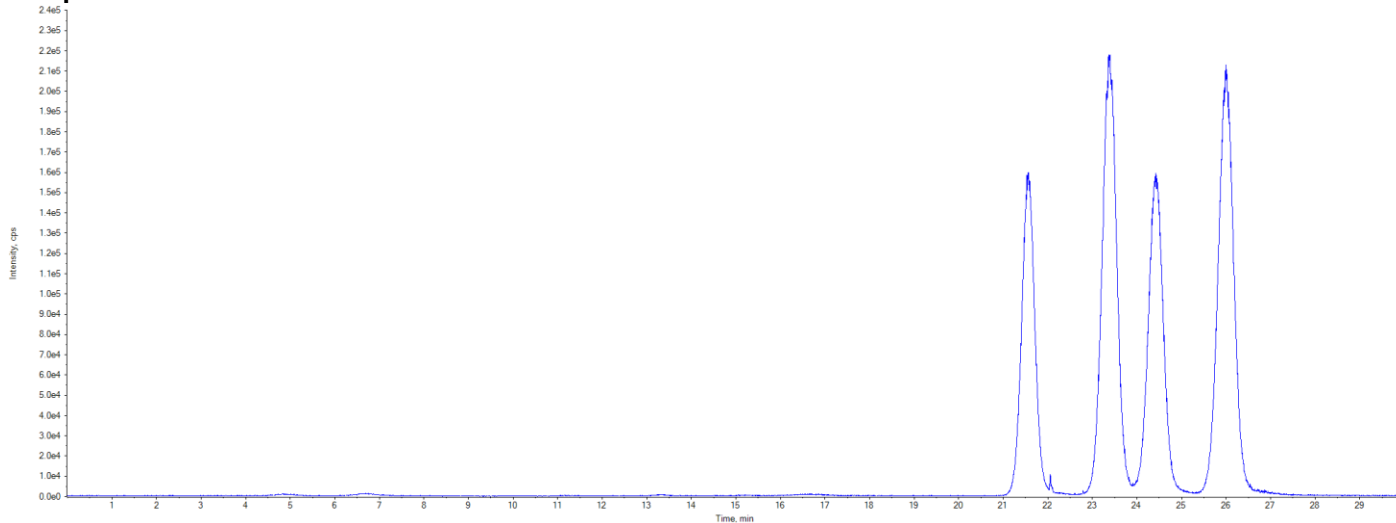
Figure S30 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 35 d (4°C)



Figure Caption
 Figure_31_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	4-0.02-45d-3.rdb
Acquisition Date	9/11/2022 5:09:17 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.02-45d-3 Vial #: 17



Sample Name	4-0.02-45d-3	Injection Vial	17
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/11/2022 5:09:17 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-45d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in peak shows intensity (cps) on the y-axis (0.0e0 to 1.2e5) against time (min) on the x-axis (20.9 to 22.2). The peak is centered at 21.6 minutes.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.6
	Actual RT:	21.6
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.71e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

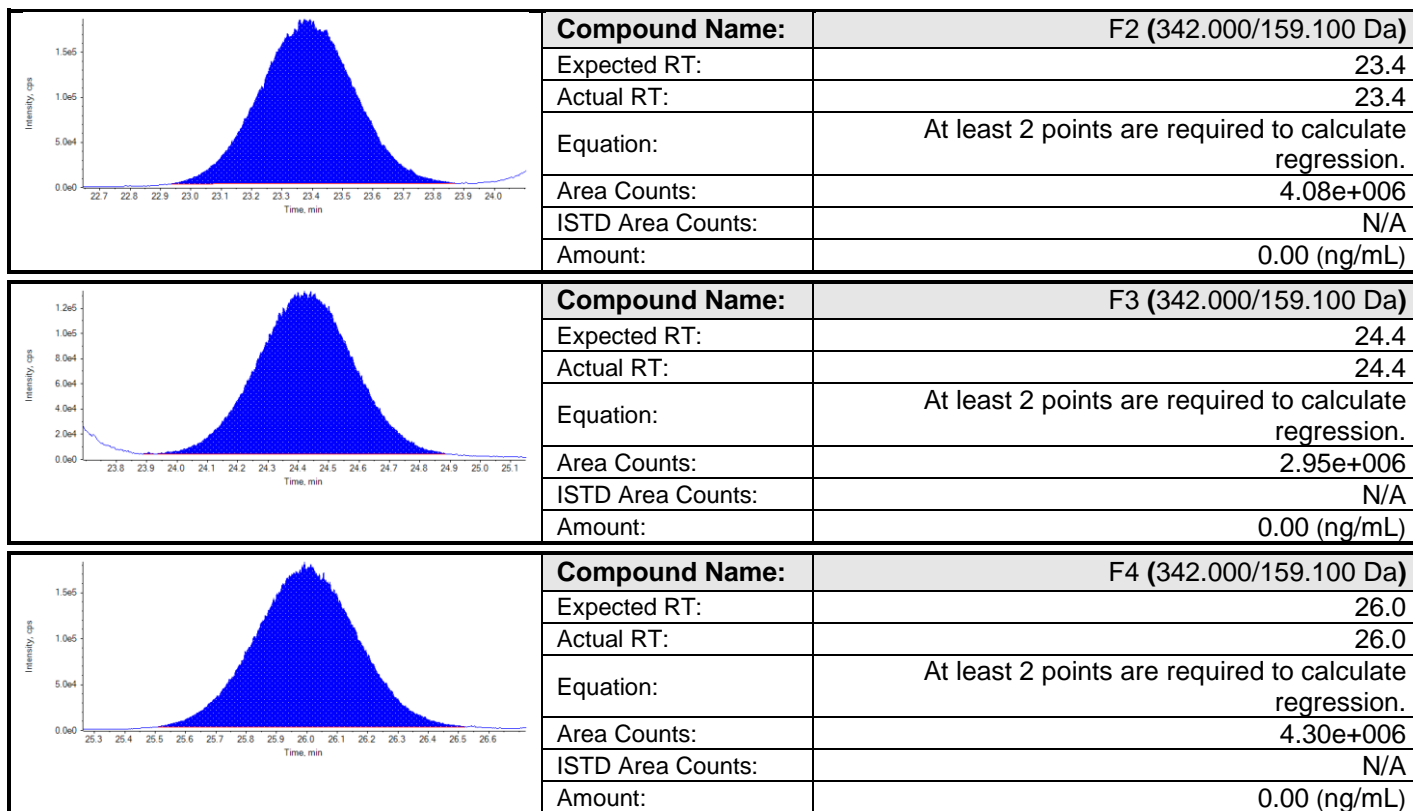


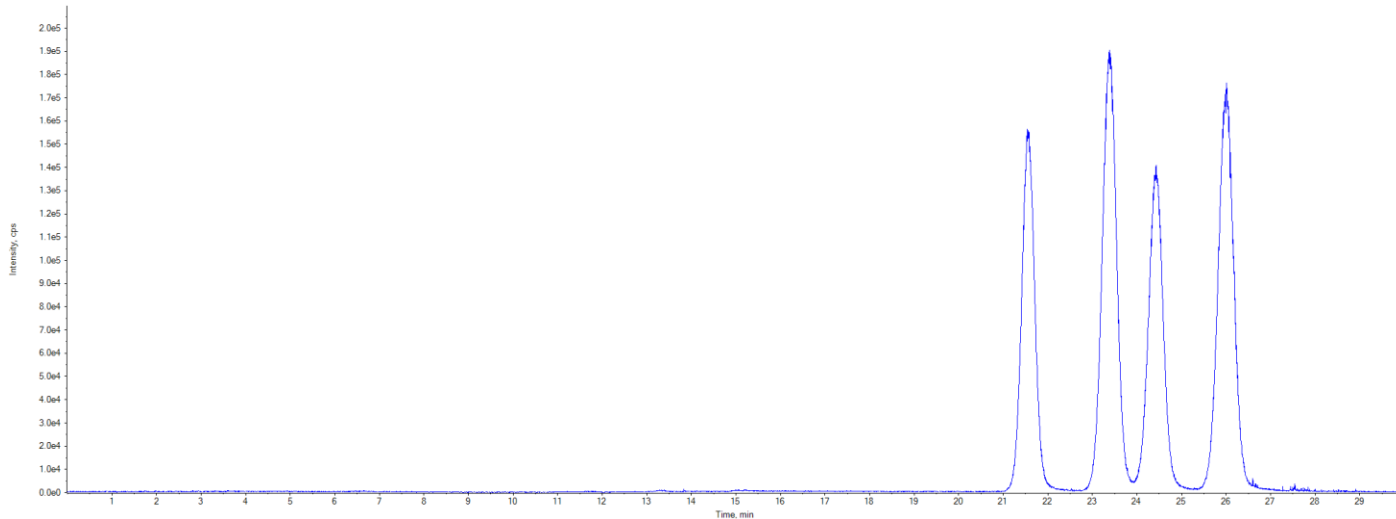
Figure S31 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 45 d (4°C)



Figure Caption
 Figure_32_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	4-0.02-55d-3.rdb
Acquisition Date	9/11/2022 3:34:54 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.02-55d-3 **Vial #:** 14



Sample Name	4-0.02-55d-3	Injection Vial	14
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/11/2022 3:34:54 PM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	4-0.02-55d-3.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at 21.5 minutes. The y-axis (Intensity, cps) ranges from 0.0e0 to 1.2e5, and the x-axis (Time, min) ranges from 20.9 to 22.2. The peak is centered at 21.5 minutes with a maximum intensity of approximately 1.1e5 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.64e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

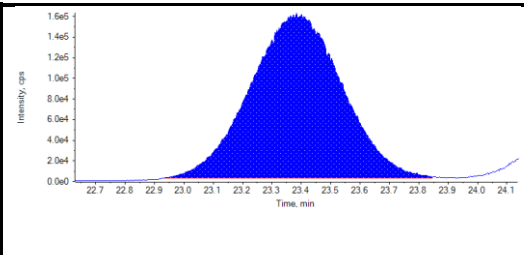
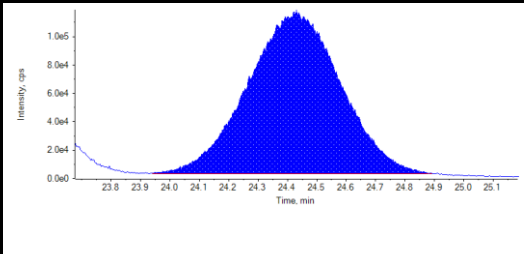
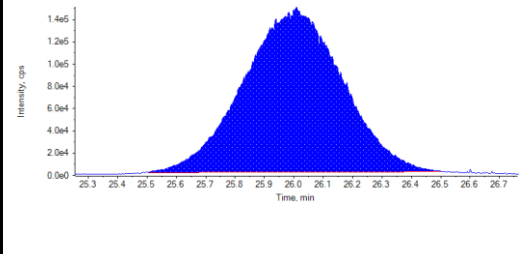
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.54e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.4
	Actual RT:	24.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	2.56e+006
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	3.53e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

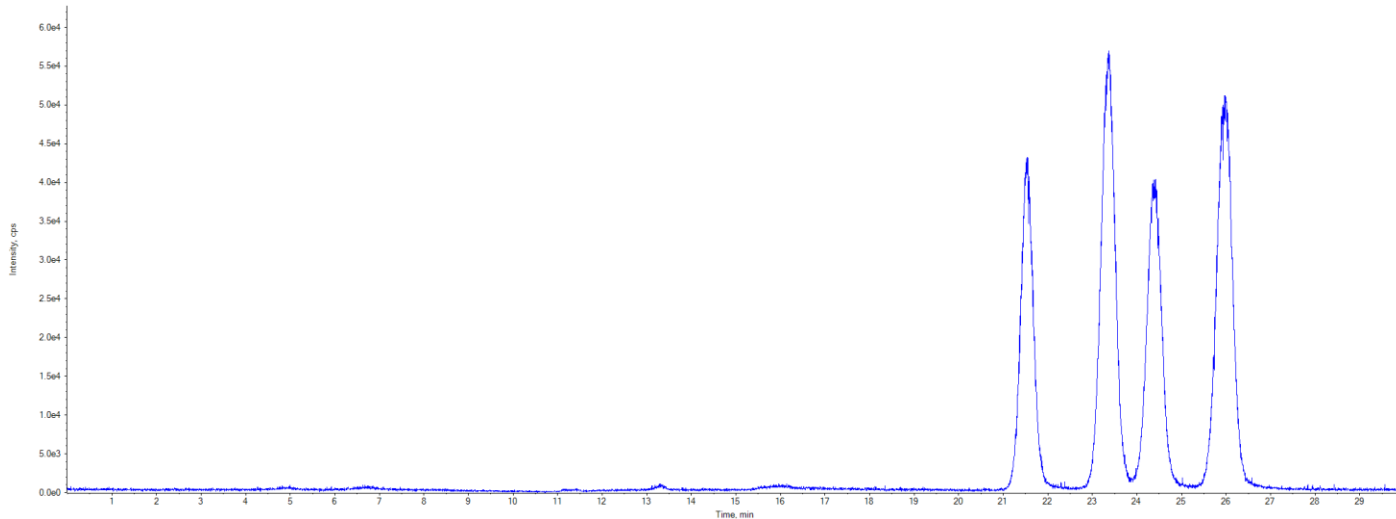
Figure S32 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole at 55 d (4°C)



Figure Caption
Figure_33_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	QX-0.004-55d-2.rdb
Acquisition Date	9/12/2022 7:50:26 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.004-55d-QX-2 Vial #: 43



Sample Name	4-0.004-55d-QX-2	Injection Vial	43
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/12/2022 7:50:26 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	QX-0.004-55d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

<p>The zoomed-in chromatogram shows a single, well-resolved peak at a retention time of 21.5 minutes. The y-axis represents intensity in cps (0.0e0 to 3.5e4), and the x-axis represents time in minutes (20.9 to 22.2). The peak is symmetric and reaches a maximum intensity of approximately 3.0e4 cps.</p>	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	7.07e+005
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

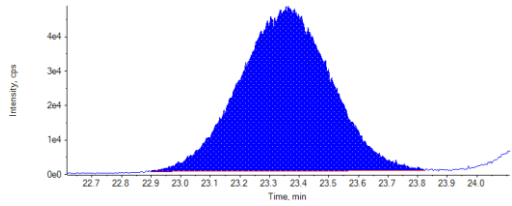
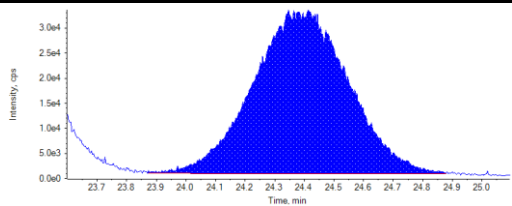
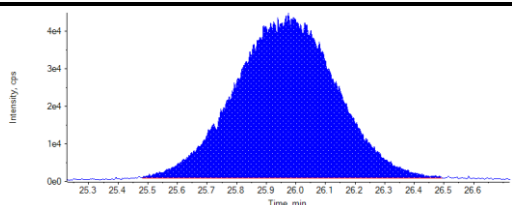
	Compound Name:	F2 (342.000/159.100 Da)
	Expected RT:	23.4
	Actual RT:	23.4
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.04e+006
	ISTD Area Counts:	N/A
	Compound Name:	F3 (342.000/159.100 Da)
	Expected RT:	24.3
	Actual RT:	24.3
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	7.41e+005
	ISTD Area Counts:	N/A
	Compound Name:	F4 (342.000/159.100 Da)
	Expected RT:	26.0
	Actual RT:	26.0
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.05e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

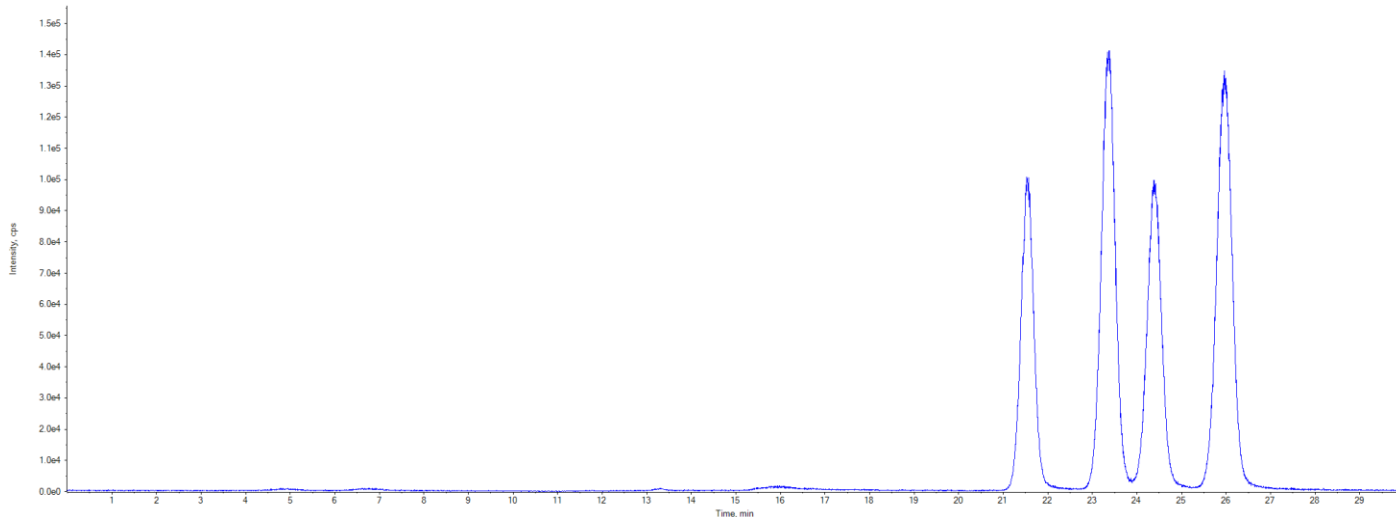
Figure S33 The LC chromatogram of plums treated with 0.04 a.i. g/L propiconazole were cleaned



Figure Caption
Figure_34_SuppInfo.

Data File	BHZ 20220911.wiff	Result Table	QX-0.02-55d-2.rdb
Acquisition Date	9/12/2022 6:16:00 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Instrument Name	AB SCIEX Triple Quad 4500
Project	DPY	Processing Method	<i>No data for Processing Method</i>

Sample Name: 4-0.02-55d-QX-2 Vial #: 40



Sample Name	4-0.02-55d-QX-2	Injection Vial	40
Data File	BHZ 20220911.wiff	Injection Volume	10
Acquisition Date	9/12/2022 6:16:00 AM	Algorithm Used	MQL
Acquisition Method	BHZ method.dam	Sample Type	Unknown
Instrument Name	AB SCIEX Triple Quad 4500	Result Table	QX-0.02-55d-2.rdb
Sample ID	<i>No data for Sample ID</i>	Dilution Factor	1.00
Sample Comment	<i>No data for Sample Comment</i>	Weight to Volume	0.00

Approved By (Date and Initials): _____.

	Compound Name:	F1 (342.000/159.100 Da)
	Expected RT:	21.5
	Actual RT:	21.5
	Equation:	At least 2 points are required to calculate regression.
	Area Counts:	1.67e+006
	ISTD Area Counts:	N/A
	Amount:	0.00 (ng/mL)

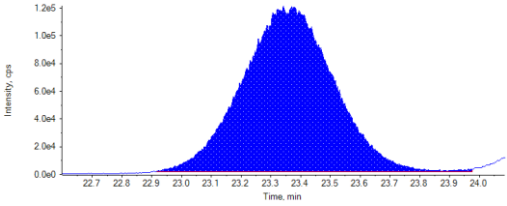
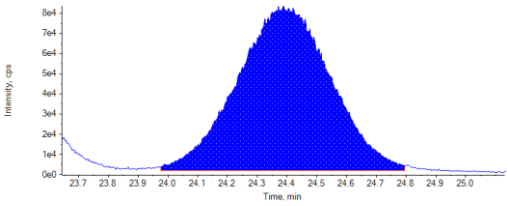
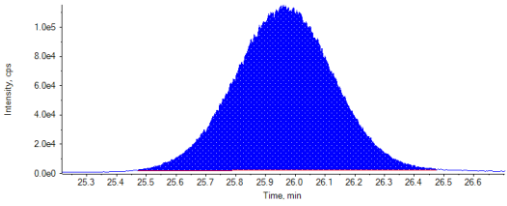
	<table> <tr> <td>Compound Name:</td><td>F2 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>23.3</td></tr> <tr> <td>Actual RT:</td><td>23.3</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.57e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F2 (342.000/159.100 Da)	Expected RT:	23.3	Actual RT:	23.3	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.57e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F2 (342.000/159.100 Da)														
Expected RT:	23.3														
Actual RT:	23.3														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.57e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F3 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>24.4</td></tr> <tr> <td>Actual RT:</td><td>24.4</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>1.81e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F3 (342.000/159.100 Da)	Expected RT:	24.4	Actual RT:	24.4	Equation:	At least 2 points are required to calculate regression.	Area Counts:	1.81e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F3 (342.000/159.100 Da)														
Expected RT:	24.4														
Actual RT:	24.4														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	1.81e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														
	<table> <tr> <td>Compound Name:</td><td>F4 (342.000/159.100 Da)</td></tr> <tr> <td>Expected RT:</td><td>26.0</td></tr> <tr> <td>Actual RT:</td><td>26.0</td></tr> <tr> <td>Equation:</td><td>At least 2 points are required to calculate regression.</td></tr> <tr> <td>Area Counts:</td><td>2.75e+006</td></tr> <tr> <td>ISTD Area Counts:</td><td>N/A</td></tr> <tr> <td>Amount:</td><td>0.00 (ng/mL)</td></tr> </table>	Compound Name:	F4 (342.000/159.100 Da)	Expected RT:	26.0	Actual RT:	26.0	Equation:	At least 2 points are required to calculate regression.	Area Counts:	2.75e+006	ISTD Area Counts:	N/A	Amount:	0.00 (ng/mL)
Compound Name:	F4 (342.000/159.100 Da)														
Expected RT:	26.0														
Actual RT:	26.0														
Equation:	At least 2 points are required to calculate regression.														
Area Counts:	2.75e+006														
ISTD Area Counts:	N/A														
Amount:	0.00 (ng/mL)														

Figure S34 The LC chromatogram of plums treated with 0.020 a.i. g/L propiconazole were cleaned