

Acquisition Method	Acquisition Method Properties
03-23-17_ECU 9B4B9506-4A8 Mass Spec 9 Period 9 +MRM	Comment: Synchronization Mode: LC Sync Auto-Equilibration: Off Acquisition Duration: 9min0sec Number Of Scans: 1500 Periods In File: 1 Acquisition Module: Acquisition Method Software version: Analyst 1.6.2

## Acquisition Method

03-23-17\_ECU

9B4B9506-4A83-4c07-80B8-5D79308

Mass Spec 9.002 min

Period 9.002 min

+MRM

## Acquisition Information:

Acquisition Method: 03-23-17\_ECU.dam  
Created: Thursday March 23 2017 16: 41: 28 PM  
Last Modified: Friday March 24 2017 12: 17: 29 PM  
Comment:  
Synchronization Mode: LC Sync  
Auto-Equilibration: Off  
Acquisition Duration: 9min0sec  
Number Of Scans: 1500  
Periods In File: 1  
Acquisition Module: Acquisition Method  
Software version: Analyst 1.6.2  
Software Application Properties  
Display Name: 9B4B9506-4A83-4c07-80B8-5D79308  
Identifier Key: {3305D9CB-DC54-4F36-84FC-045B4679258A}  
Method Filename: None  
Method Data:

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Run Time: 9.00 min  
ACQUITY TUV Method  
Wavelength Mode: Single Wavelength  
Lamp On: On  
Channel A:  
Comment:  
Wavelength: 254 nm  
Sampling Rate: 20 points/sec  
Data Mode: Absorbance  
Time Constant: 0.1 sec  
Auto Zero On Wavelength Change: Maintain Baseline  
Auto Zero On Inject Start: Yes  
Analog 1:  
Sensitivity: 2.0000 AUFS  
Chart Polarity: Positive (+)  
Voltage Offset: 0 mV  
Enable Chart Mark: Yes  
Run Events: Yes  
Pulse Width: 1.0 sec  
Rect Wave Period: 0.2 sec  
ACQUITY CM Method  
Target Column Temperature: 25.0 C  
Temperature Alarm Band: 5.0 C  
:  
Column Valve Position: Column 1  
Equilibration Time: 0.1 min  
External Valve 1: No Change  
External Valve 2: No Change  
External Valve 3: No Change  
Comment: Acquity BEH Phenyl 1.7um 2.1x100 mm S/N 01433619315702 + 5mm guard  
Column Temperature Data Channel: No  
Preheater Temperature Data Channel: No  
ACQUITY BSM Method  
Comment:  
Solvent Selection A: A1  
Solvent Selection B: B1

Low Pressure Limit: 0 psi  
 High Pressure Limit: 15000 psi  
 Solvent Name A: 0.1% FA in 95/5 water/ACN  
 Solvent Name B: 0.1% FA in 5/95 water/ACN  
 Switch 1: No Change  
 Switch 2: No Change  
 Switch 3: No Change  
 Seal Wash: 5.0 min  
 Chart Out 1: System Pressure  
 Chart Out 2: %B

System Pressure Data Channel: No  
 Flow Rate Data Channel: No  
 %A Data Channel: No  
 %B Data Channel: No  
 Primary A Pressure Data Channel: No  
 Accumulator A Pressure Data Channel: No  
 Primary B Pressure Data Channel: No  
 Accumulator B Pressure Data Channel: No  
 Degasser Pressure Data Channel: No  
 Run Events: Yes  
 Gradient Start (Relative to Injection): 0 uL  
 Participate in pre-analysis: No  
 2D Repeat: No

Gradient Table

Time	Flow Rate	%A	%B	Curve
Initial	0.500	90.0	10.0	Initial
1.00	0.500	90.0	10.0	6
6.00	0.500	0.0	100.0	6
7.00	0.500	0.0	100.0	6
8.00	0.500	90.0	10.0	6
9.00	0.500	90.0	10.0	6

ACQUITY SM Method

Comment:  
 Load Ahead: Disabled  
 Injection Mode: Partial Loop With Needle Overfill  
 LoopOffline: Disable  
 Weak Wash Solvent Name: 80/20 water/ACN  
 Weak Wash Volume: 600 uL  
 Strong Wash Solvent Name: 1% FA in Acetonitrile  
 Strong Wash Volume: 200 uL  
 Target Column Temperature: Off C  
 Column Temperature Alarm Band: Disabled  
 Target Sample Temperature: 10.0 C  
 Sample Temperature Alarm Band: Disabled  
 Full Loop Overfill Factor: Automatic  
 Syringe Draw Rate: Automatic  
 Needle Placement: Automatic  
 Pre-Aspirate Air Gap: Automatic  
 Post-Aspirate Air Gap: Automatic  
 Column Temperature Data Channel: No  
 Ambient Temperature Data Channel: No  
 Sample Temperature Data Channel: No  
 Sample Organizer Temperature Data Channel: No  
 Sample Pressure Data Channel: No  
 PreheaterTemperatureDataEnable: false

Switch 1: No Change  
 Switch 2: No Change  
 Switch 3: No Change  
 Switch 4: No Change  
 Chart Out: Sample Pressure  
 Sample Temp Alarm: Disabled  
 Column Temp Alarm: Disabled  
 Run Events: Yes  
 Needle Overfill Flush: Automatic  
 NoInjection: false

Period 1:  
 -----  
 Scans in Period: 1500  
 Relative Start Time: 0.00 msec  
 Experiments in Period: 1

Period 1 Experiment 1:

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 Scan Type: MRM (MRM)  
 Scheduled MRM: No  
 Polarity: Positive  
 Scan Mode: N/A  
 Ion Source: Turbo Spray  
 Resolution Q1: Unit  
 Resolution Q3: Unit  
 Intensity Thres.: 0.00 cps  
 Settling Time: 0.0000 msec  
 MR Pause: 5.0070 msec  
 MCA: No  
 Step Size: 0.00 Da

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Pararr	Start	Stop	ID
349.786	197.859	35.00	DF	46.00	46.00	chlorpyrifos
			CE	25.00	25.00	
			CXF	14.00	14.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Pararr	Start	Stop	ID
362.949	226.966	35.00	DF	66.00	66.00	coumaphos
			CE	37.00	37.00	
			CXF	12.00	12.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Pararr	Start	Stop	ID
304.961	168.987	35.00	DF	61.00	61.00	diazinon
			CE	29.00	29.00	
			CXF	8.00	8.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Pararr	Start	Stop	ID
220.867	109.010	35.00	DF	61.00	61.00	dichlorvos
			CE	25.00	25.00	

CXF 18.00 18.00

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Parar	Start	Stop	ID
331.014	127.094	35.00	DF	51.00	51.00	malathion
			CE	19.00	19.00	
			CXF	10.00	10.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Parar	Start	Stop	ID
261.030	75.019	35.00	DF	26.00	26.00	phorate
			CE	19.00	19.00	
			CXF	10.00	10.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Parar	Start	Stop	ID
289.085	103.066	35.00	DF	21.00	21.00	terbufos
			CE	13.00	13.00	
			CXF	18.00	18.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Parar	Start	Stop	ID
256.863	108.993	35.00	DF	56.00	56.00	trichlorfon
			CE	25.00	25.00	
			CXF	18.00	18.00	

Q1 Mass (Da)	Q3 Mass (Da)	Dwell (msec)	Parar	Start	Stop	ID
227.040	115.200	35.00	DF	51.00	51.00	dichlorvos-d6
			CE	27.00	27.00	
			CXF	4.00	4.00	

Parameter Table(Period 1 Experiment 1):

CUR:	20.00
IS:	5000.00
TEM:	500.00
GS1:	60.00
GS2:	40.00
ihe:	ON
CAD:	Medium
EF	10.00