

SYSTEM PRECISION REPORT

ACQUISITION INFORMATION

System Name: Column Manager
Project Name: SQT_ACQUITY_TUV_12
Sample Set Method: 020 System Precision
Processing Method System Precision PM
Report Method Name: System Precision Report
User Name: Tester Account (Tester)
Sample Set Name: System Precision

Acquired By: Tester
Column serial Number: 03833034215140
Sample Kit 1 Expiration date: 10/6/2022 12:00:00 AM
Sample Kit 1 Lot Number: W06102013
Build Version: Empower 2 Software Build 2154 SPs
Sample Set Id: 14336 Result Set Id 14345
Sample Set Start Date: 4/12/2021 3:48:43 PM

In the System Precision qualification, six (6) injections of Caffeine are made.

The SD for the Caffeine peak RT should be ≤ 1.0 seconds, the %RSD for Area should be $\leq 0.5\%$ and the %RSD for Height should be $\leq 1.1\%$.

Caffeine Area and Height Results Table

	Area %RSD Specification	Area %RSD	Area %RSD Pass Fail	Height %RSD Specification	Height %RSD	Height %RSD Pass Fail
1	%RSD ≤ 0.5	0.2	PASS	%RSD ≤ 1.1	0.2	PASS

Caffeine Retention Time (RTsec) Results Table

	Retention time (sec) Standard Deviation Specification	Retention time (sec) Standard Deviation	Retention time (sec) Standard Deviation Pass Fail
1	SD RT ≤ 1.0 sec	0.1	PASS

Certification

Comments

No comments.

NA

12 Apr 2021

The undersigned performer attests that the values recorded above are accurate and complete.

Performer

Signature

Date

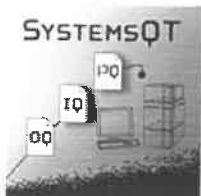
12 Apr 2021

The undersigned reviewer accepts that the values recorded above are accurate and complete.

Reviewer

Signature

Date



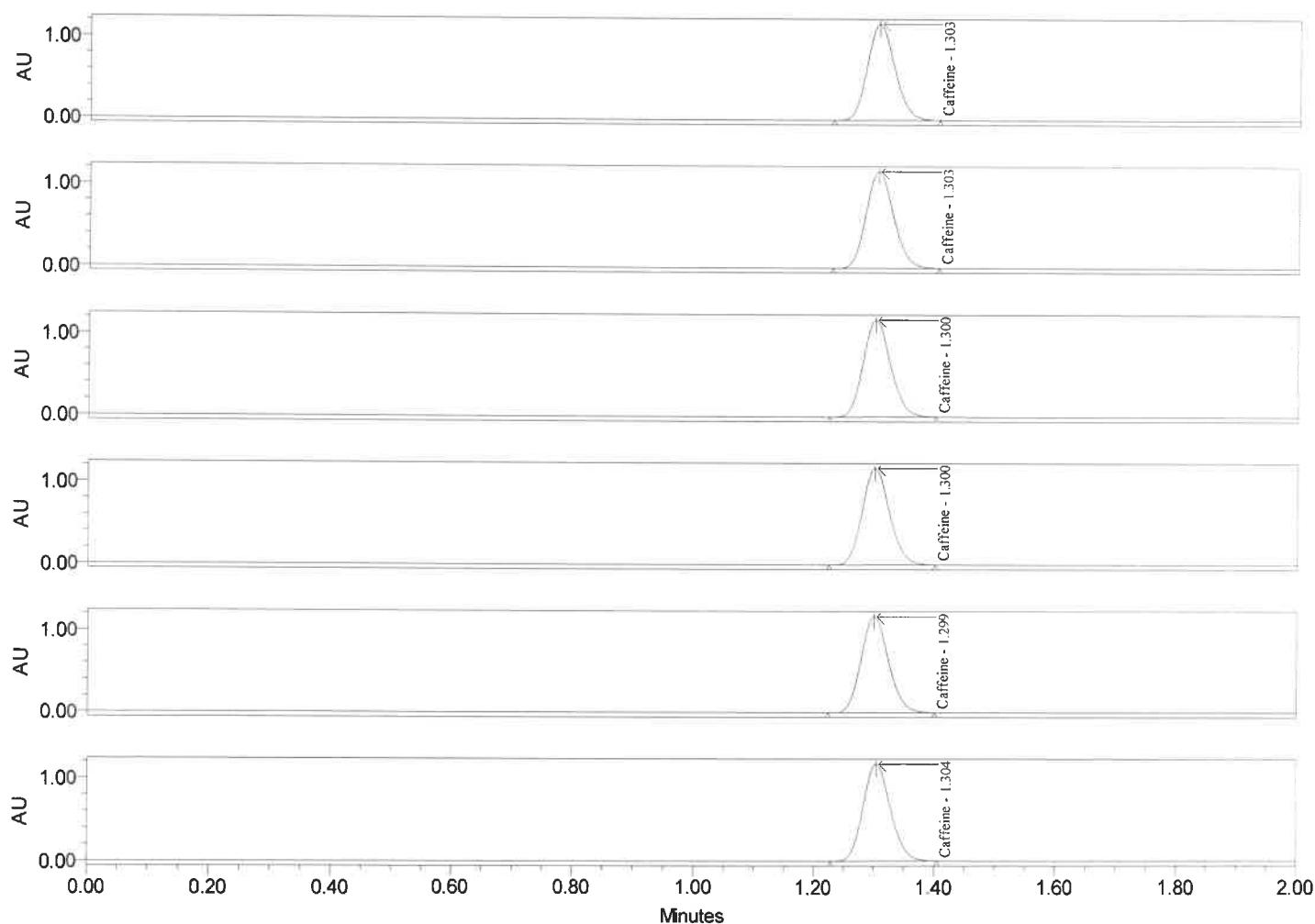
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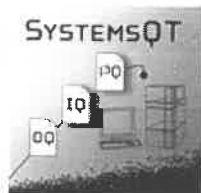
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System Precision Chromatograms





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System Precision Peak Results

Name: Caffeine

	Vial	Injection	Inj Vol (ul)	Name	RT (min)	Retention time (sec)	Area	Height (μV)	Points Across Peak	Result Id
1	2:E6	1	5	Caffeine	1.303	78.18	3752543.02	1180570.91	106	14384
2	2:E6	2	5	Caffeine	1.303	78.16	3752772.84	1180713.35	106	14385
3	2:E6	3	5	Caffeine	1.304	78.25	3735719.17	1176644.18	106	14386
4	2:E6	4	5	Caffeine	1.300	77.98	3749969.98	1181616.08	106	14387
5	2:E6	5	5	Caffeine	1.299	77.96	3750497.86	1182603.17	106	14388
6	2:E6	6	5	Caffeine	1.300	77.99	3752578.47	1183263.07	106	14389
Mean						78.09	3749013.56	1180901.80		
Std. Dev.						0.12	6620.52	2334.64		
% RSD							0.18	0.20		