



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 14007

CUSTOMER INFORMATION

Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION

TARGET VAPOR CONCENTRATION: 0.15 g/210L
DATE PREPARED: 02/12/2014
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Amanda Chandler

	AC	AG	JLK
1	0.192	0.186	0.188
2	0.191	0.188	0.189
3	0.187	0.187	0.188
4	0.189	0.187	0.188
5	0.186	0.187	0.188
C	0.102	0.101	0.101

ETHANOL CONTROL INFORMATION


LOT NUMBER: A095230 EXPIRATION: 09/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1881 g/100mL PRECISION CV (%): 0.89
STANDARD DEVIATION: 0.00167 NUMBER OF TESTS: 15




EQUIVALENT VAPOR CONCENTRATION: 0.1529 g/210L
COMBINED STANDARD UNCERTAINTY: ± 0.0017 (k=1, 68% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

3/5/14
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:			
ANALYST	NAME	SIGNATURE	DATE TESTED
AC	Amanda Chandler		02/12/2014
AG	Andrew Gingras		02/13/2014
JLK	Justin L. Knoy		02/18/2014

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

Washington State Patrol - Toxicology Laboratory Division
QAP Test Report Calculation Record

QAP Solution Batch #: 14007

Date Prepared: 2/12/2014

Analyst:	AC	AG	JLK
Date Tested:	2/12/2014	2/13/2014	2/18/2014
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.192	0.186	0.188
2	0.191	0.188	0.189
3	0.187	0.187	0.188
4	0.189	0.187	0.188
5	0.186	0.187	0.188
C	0.102	0.101	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000052418	0.0000108206	0.0001016326

Ethanol Control Lot #: A095230
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1881 g/100mL
Standard Deviation: 0.00167 g/100mL
Precision CV (%): 0.89
Equivalent Vapor Concentration: 0.1529 g/210L
Combined Standard Uncertainty (\pm): 0.0017 g/210L

Calculations performed by: Lisa Noble [Signature] 2/26/14
Name Signature Date

Calculations verified by: Amanda H. Black [Signature] 3-4-2014
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 2/26/14
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 3-4-2014

Location: WSP-FLSB Seattle, WA Solution Batch Number: 14007

	YES	NO	N/A
Analysis dates do not precede preparation date:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Declarations signed and properly dated:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data entry corresponds to all chromatograms:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All signatures present on Test Report:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Average solution concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Standard deviation correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CV (%) correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equivalent vapor concentration correct:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All chromatograms and sequences included in file:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ethanol control information present: (lot # present & used within expiration)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complies with accuracy and precision requirements established by the State Toxicologist:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments:

Reviewer Signature:  Date: 3-4-2014

Reviewer Signature: MA OB 3-4-14 Date: _____

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

- 1) Checked your data
- 2) Checked the date to the right of your name on the Test Report
- 3) Signed the Test Report

	Initials	Date
Amanda Chandler	ac	2/26/14
Andrew Gingras	AG	2/26/14
Asa Louis		
Brittany Ball		
Christie Mitchell-Mata		
Christopher Johnston		
Dawn Sklerov		
Justin Knoy	JK	2-27-14
Katie Knorr		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 14007

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

**DATAMASTER 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 14007**

I, Amanda Chandler, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Forensic Science.

The qap solution, Lot Number 14007, was prepared in the Washington State Toxicology Laboratory on 2/12/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/12/2015.

Seattle, WA

Amanda Chandler 2/24/14

Amanda Chandler

Date

Forensic Toxicologist



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 14007**

I, Andrew Gingras, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Cell and Molecular Biology and MS degree in Forensic Science.

The gap solution, Lot Number 14007, was prepared in the Washington State Toxicology Laboratory on 2/12/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/12/2015.

Seattle, WA

 2/20/14

Andrew Gingras
Forensic Toxicologist

Date



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**DATAMASTER 0.15 QAP SOLUTION
CERTIFICATION FOR LOT 14007**

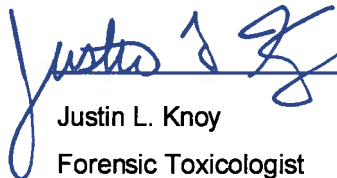
I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The gap solution, Lot Number 14007, was prepared in the Washington State Toxicology Laboratory on 2/12/2014. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It shall not be used to perform a quality assurance procedure after 2/12/2015.

Seattle, WA

 2-27-14
Justin L. Knoy Date
Forensic Toxicologist

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 2/12/2014 Initials of Preparer: AC

Expiration Date: 2/12/2015

Lot # of 200-proof Ethanol used in preparation: 2CB0070

Date the 200-proof Ethanol bottle was opened: 2/12/2014

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>2/12/14 14004</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>14005</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>14006</u>
QAP 0.15	42.0	18	<input checked="" type="checkbox"/>	<u>14007</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>
		Stir bar is rotating	<input checked="" type="checkbox"/>	
		Stirred for minimum 30 minutes; 2 hours for ESS	<input checked="" type="checkbox"/>	
		Spigot purged	<input checked="" type="checkbox"/>	
		Aliquot taken	<input checked="" type="checkbox"/>	
		Batch labeled, packaged and sealed	<input checked="" type="checkbox"/>	<u>2/12/2014</u> Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Amanda Chandler
Analyst Signature

2/12/2014
Date

Sequence Parameters:

Operator: Amanda Chandler
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140212AC
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E1213-01 - Exp 06/03/2014
 Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 06/03/2014
 Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 06/03/2014

 CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
 CTRL 2 (0.10 g/100mL) - Lot#~~A095232~~ - Exp 09/2017 *A095236 ac 2/12/14*
 CTRL 3 (0.20 g/100mL) - Lot#FN100511-01 - Exp 10/2016

 n-Propanol ISTD - Lot# P0114 - Exp 4/26/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

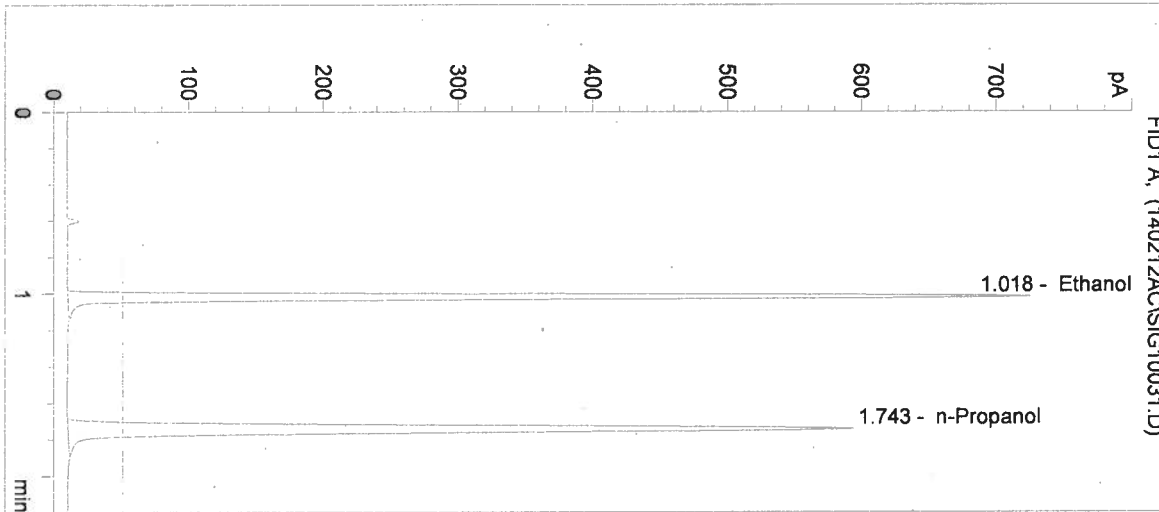
Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control-AC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control-AC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control-AC	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control-AC	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP 14004 0.04 1	SIMALC3	1	Sample		
11	Vial 11	QAP 14004 0.04 2	SIMALC3	1	Sample		
12	Vial 12	QAP 14004 0.04 3	SIMALC3	1	Sample		
13	Vial 13	QAP 14004 0.04 4	SIMALC3	1	Sample		
14	Vial 14	QAP 14004 0.04 5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control-AC	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP 14005 0.08 1	SIMALC3	1	Sample		
18	Vial 18	QAP 14005 0.08 2	SIMALC3	1	Sample		
19	Vial 19	QAP 14005 0.08 3	SIMALC3	1	Sample		
20	Vial 20	QAP 14005 0.08 4	SIMALC3	1	Sample		
21	Vial 21	QAP 14005 0.08 5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control-AC	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control-AC	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP 14006 0.10 1	SIMALC3	1	Sample		
25	Vial 25	QAP 14006 0.10 2	SIMALC3	1	Sample		
26	Vial 26	QAP 14006 0.10 3	SIMALC3	1	Sample		

14007

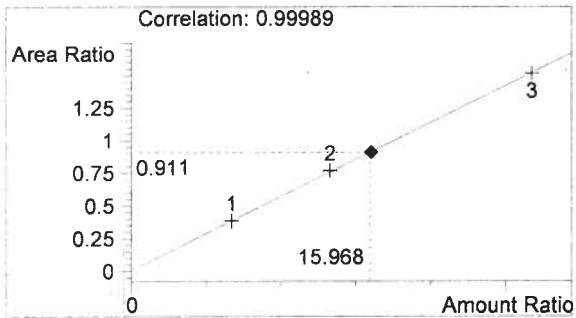
ac

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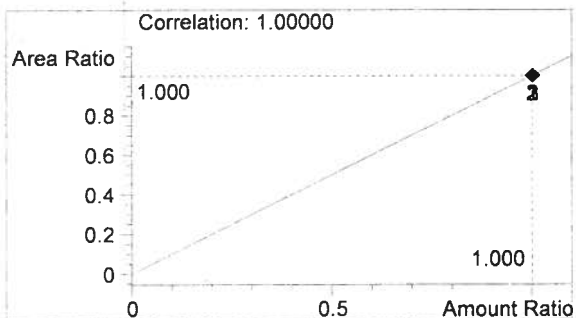
Inj. Date: 2/12/2014 2:19:06 PM Sample Name: QAP 14007 0.15 1
 Instrument: HSGC#3 Operator: Amanda Chandler
 Column: DB-ALC2 Location: Vial 31
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1424	1.018
2	n-Propanol	1563	1.743



Ethanol 0.192 g/100mL

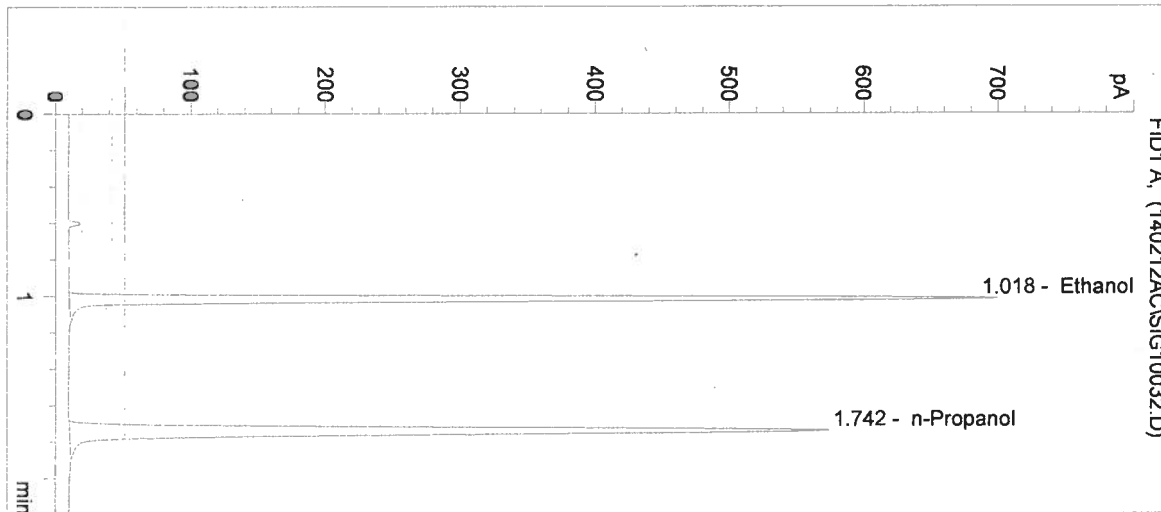


n-Propanol 0.012 g/100mL

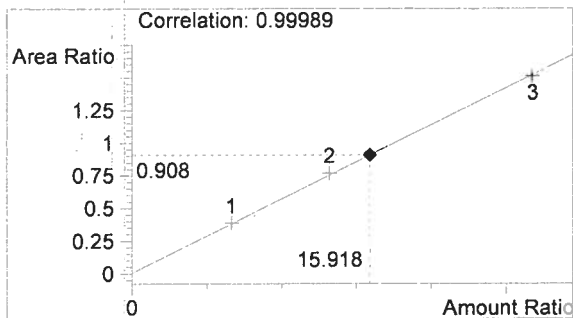
AKC

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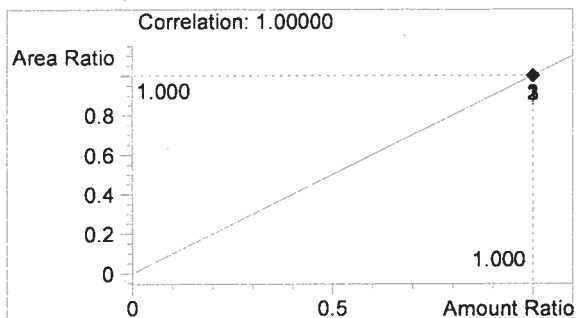
Inj. Date: 2/12/2014 2:22:13 PM Sample Name: QAP 14007 0.15 2
 Instrument: HSGC#3 Operator: Amanda Chandler
 Column: DB-ALC2 Location: Vial 32
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1370	1.018
2	n-Propanol	1508	1.742



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

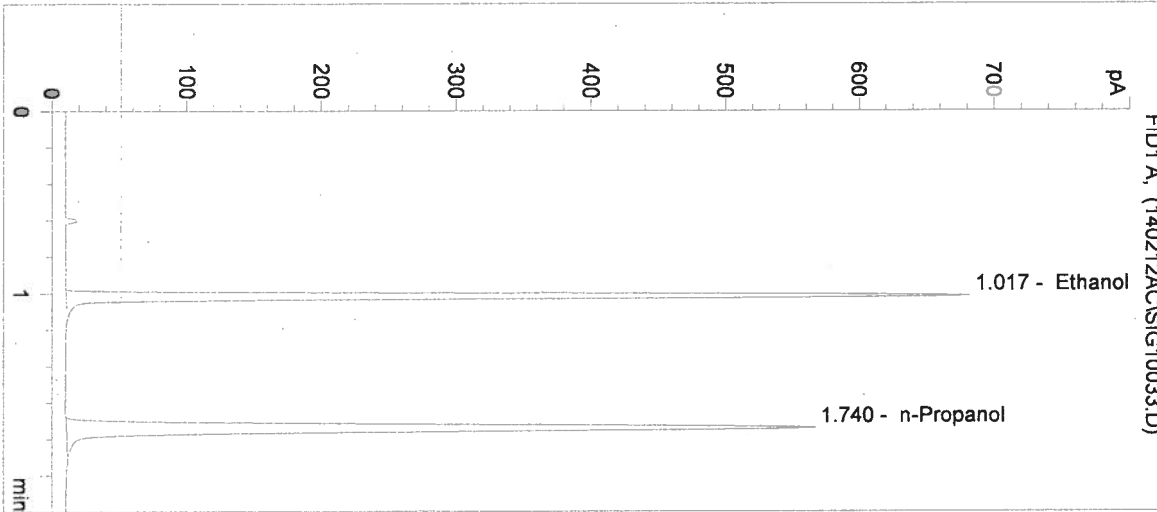
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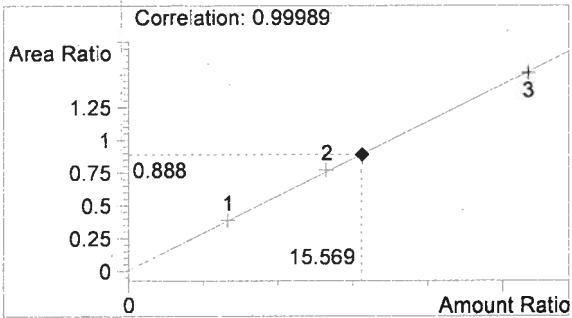
Inj. Date: 2/12/2014 2:25:21 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP 14007 0.15 3
 Operator: Amanda Chandler
 Location: Vial 33

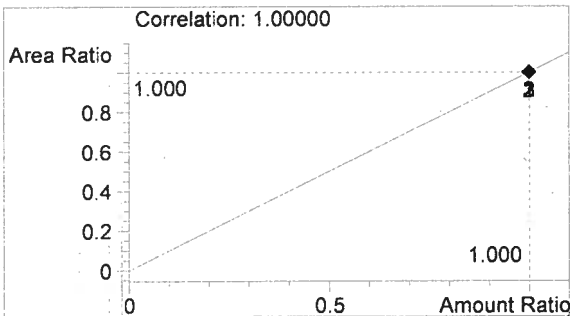
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1325	1.017
2	n-Propanol	1491	1.740



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

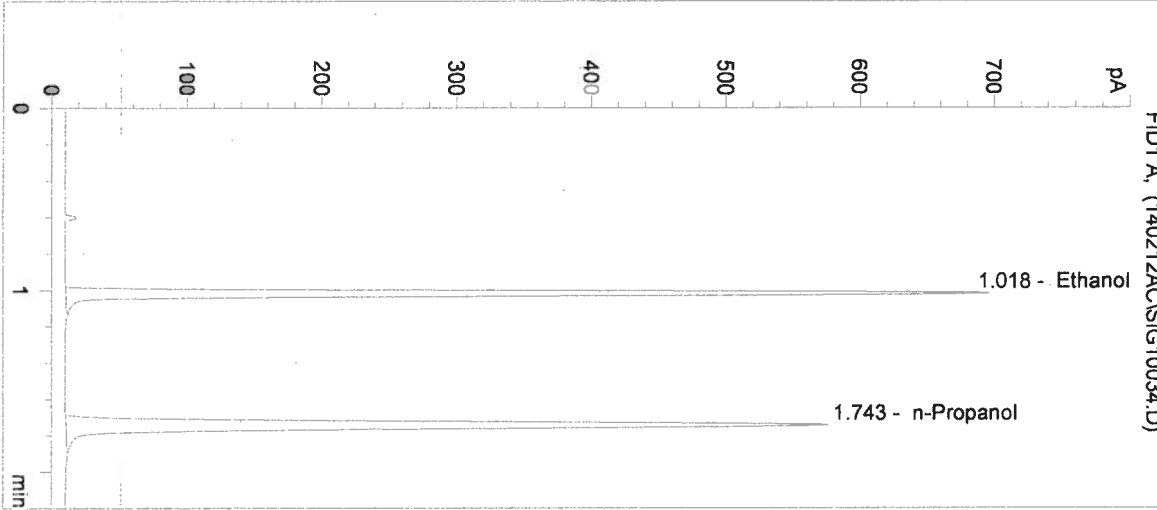
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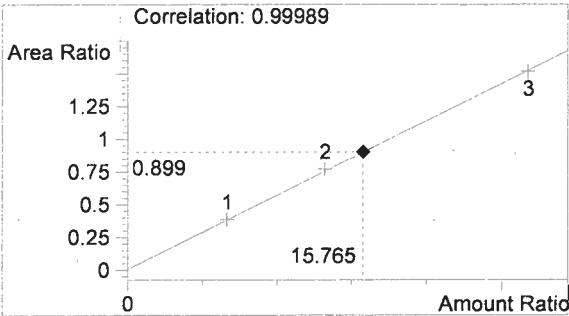
Inj. Date: 2/12/2014 2:28:28 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP 14007 0.15 4
 Operator: Amanda Chandler
 Location: Vial 34

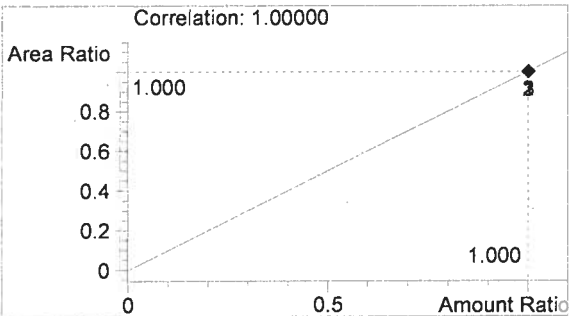
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1366	1.018
2	n-Propanol	1518	1.743



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

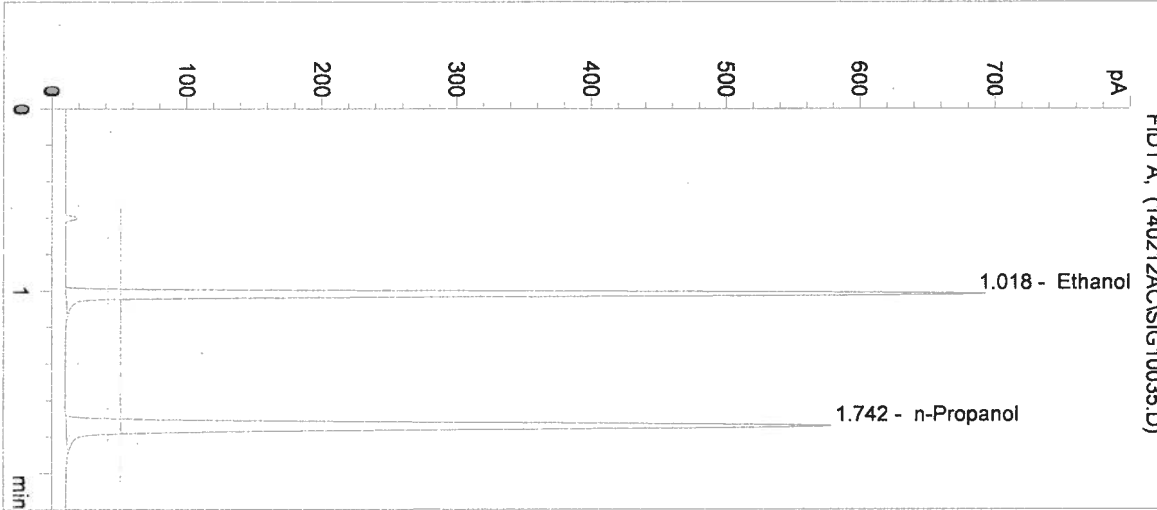
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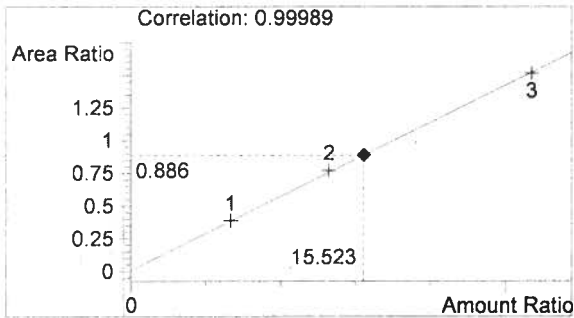
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 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP 14007 0.15 5
 Operator: Amanda Chandler
 Location: Vial 35

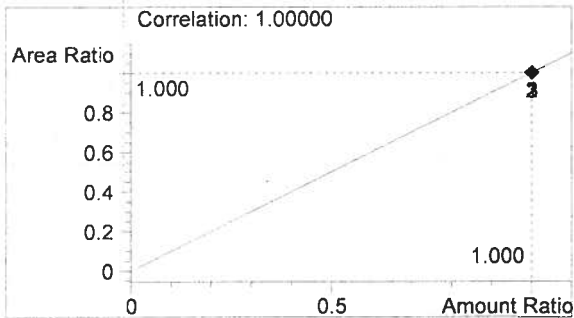
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1349	1.018
2	n-Propanol	1523	1.742



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

ac

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Inj. Date: 2/12/2014 2:34:43 PM

Instrument: HSGC#3

Column: DB-ALC2

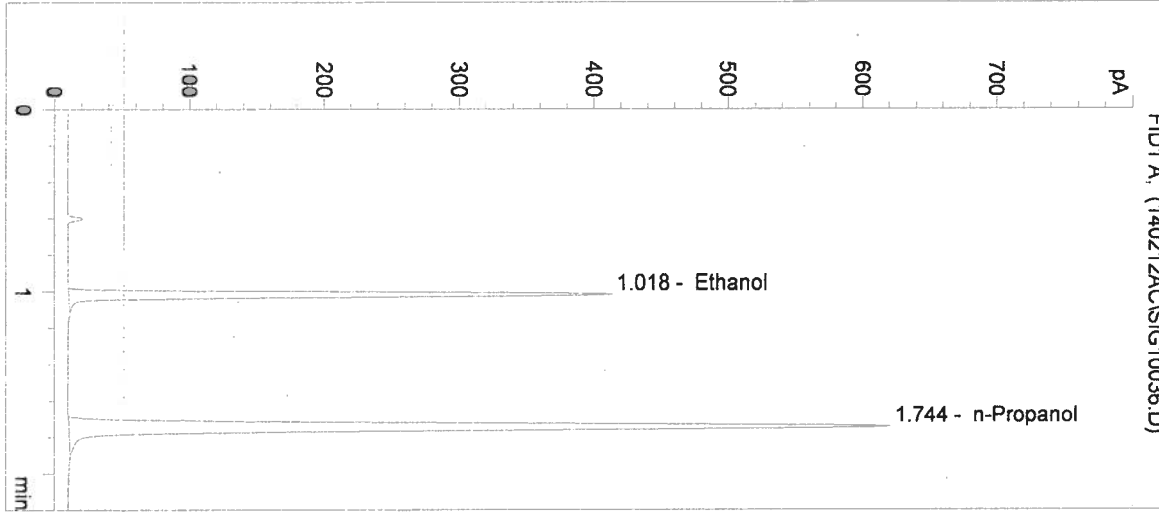
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Info:

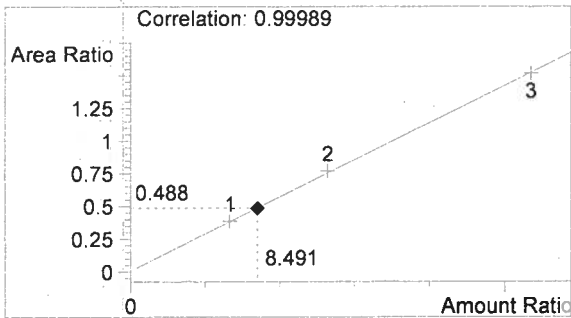
Sample Name: 0.10 Control-AC

Operator: Amanda Chandler

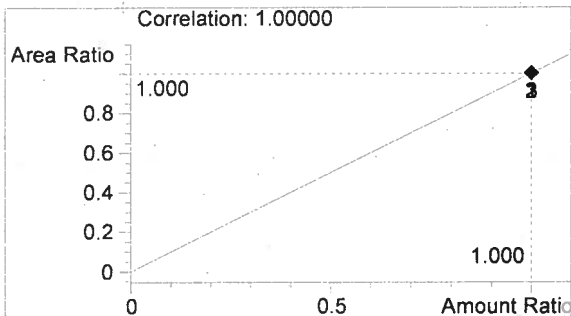
Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	796	1.018
2	n-Propanol	1631	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

14007

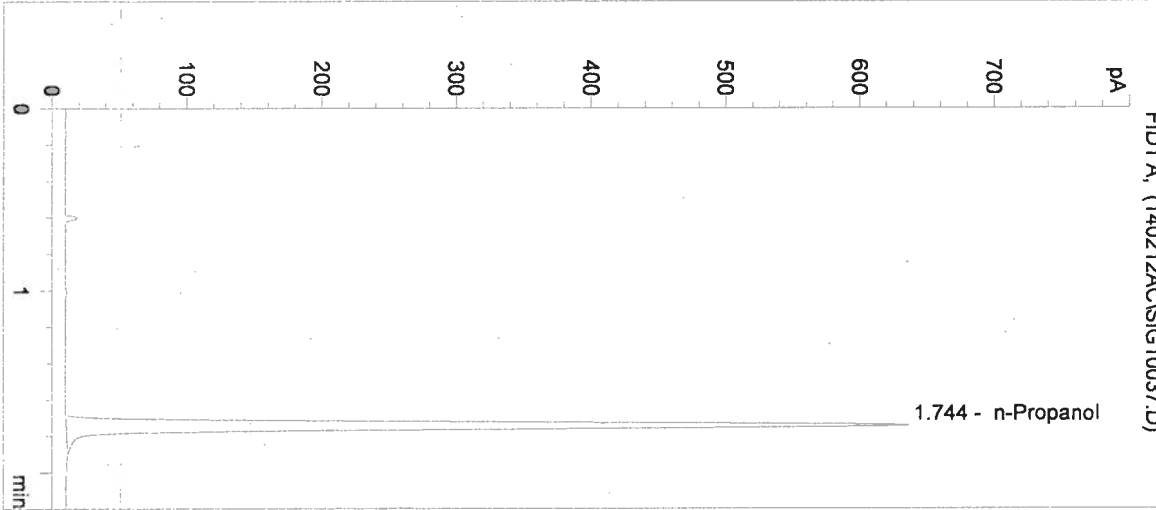
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Inj. Date: 2/12/2014 2:37:51 PM
 Instrument: HSGC#3
 Column: DB-ALC2

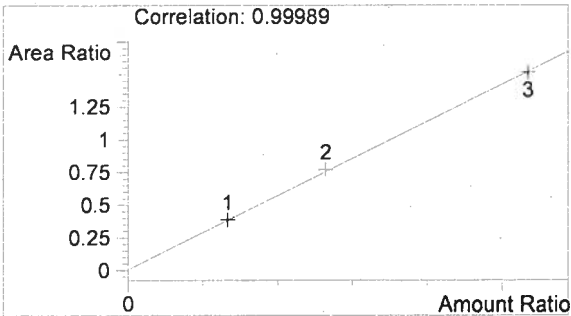
Sample Name: Neg Control-AC
 Operator: Amanda Chandler
 Location: Vial 37

Method: C:\HPCHEM\2\METHODS\SIMALC3.M

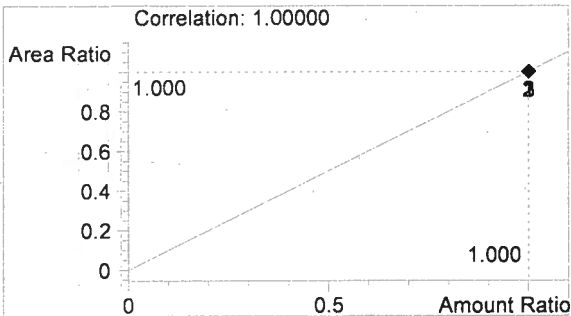
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1676	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14007

ac

Sequence Parameters:

Operator: Andrew Gingras
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140213AG
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 (0.079 g/100mL) - Lot#E1213-01 - Exp 6/3/2014
 Cal 2 (0.158 g/100mL) - Lot#E1213-02 - Exp 6/3/2014
 Cal 3 (0.316 g/100mL) - Lot#E1213-03 - Exp 6/3/2014

 CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
 CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 9/2017
 CTRL 3 (0.20 g/100mL) - Lot#~~FN~~100511-01 - Exp 10/2016
 n-Propanol ISTD - Lot# P0114 - Exp 4/26/2014

Sequence Table (Front Injector):

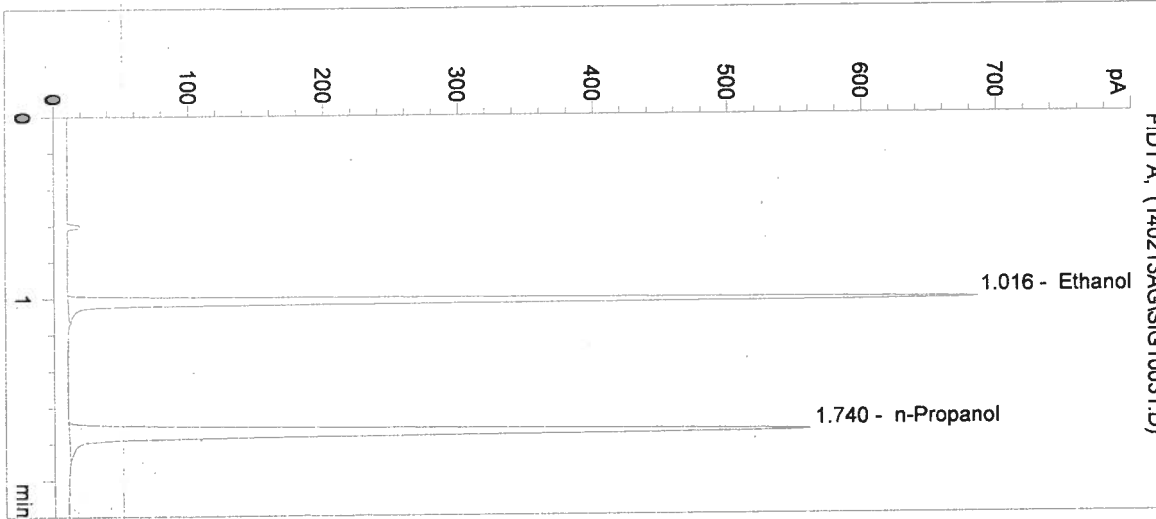
Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP 14004 0.04 1	SIMALC3	1	Sample		
11	Vial 11	QAP 14004 0.04 2	SIMALC3	1	Sample		
12	Vial 12	QAP 14004 0.04 3	SIMALC3	1	Sample		
13	Vial 13	QAP 14004 0.04 4	SIMALC3	1	Sample		
14	Vial 14	QAP 14004 0.04 5	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP 14005 0.08 1	SIMALC3	1	Sample		
18	Vial 18	QAP 14005 0.08 2	SIMALC3	1	Sample		
19	Vial 19	QAP 14005 0.08 3	SIMALC3	1	Sample		
20	Vial 20	QAP 14005 0.08 4	SIMALC3	1	Sample		
21	Vial 21	QAP 14005 0.08 5	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP 14006 0.10 1	SIMALC3	1	Sample		
25	Vial 25	QAP 14006 0.10 2	SIMALC3	1	Sample		
26	Vial 26	QAP 14006 0.10 3	SIMALC3	1	Sample		

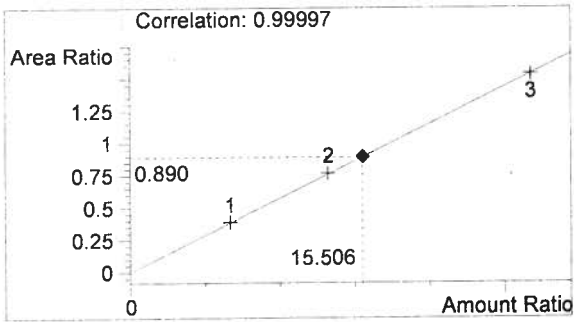
14007

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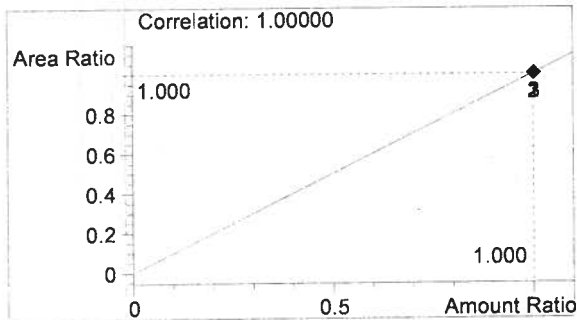
Inj. Date: 2/13/2014 4:27:38 PM Sample Name: QAP 14007 0.15 1
 Instrument: HSGC#3 Operator: Andrew Gingras
 Column: DB-ALC2 Location: Vial 31
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1311	1.016
2	n-Propanol	1473	1.740



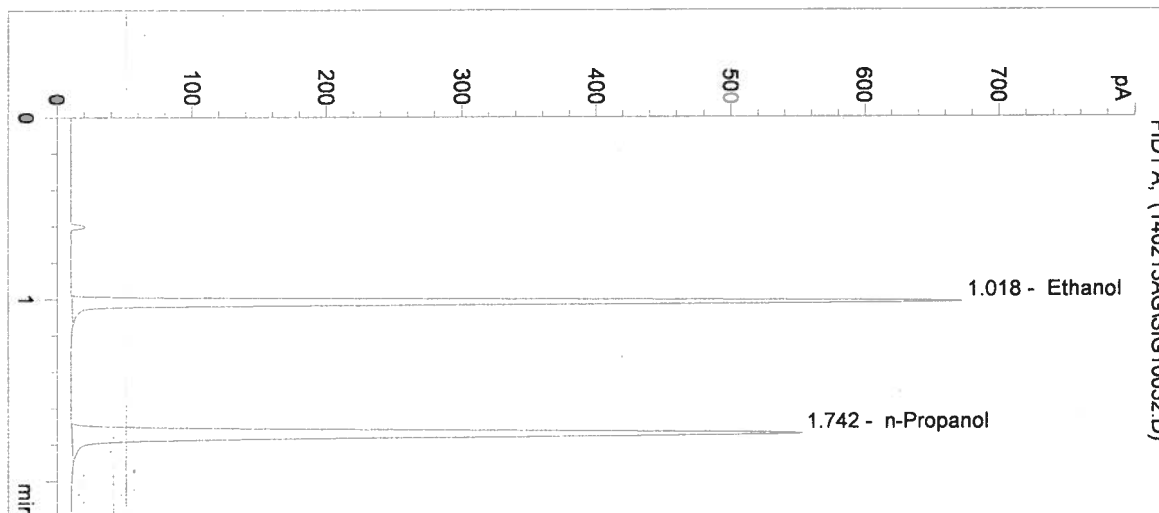
Ethanol 0.186 g/100mL



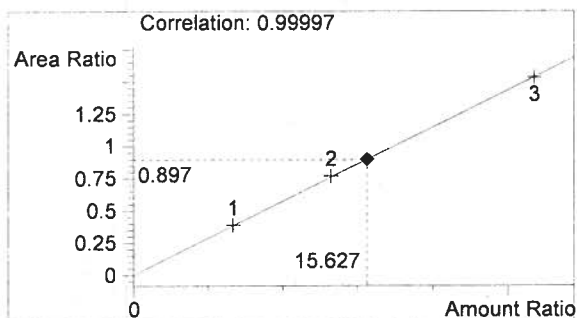
n-Propanol 0.012 g/100mL

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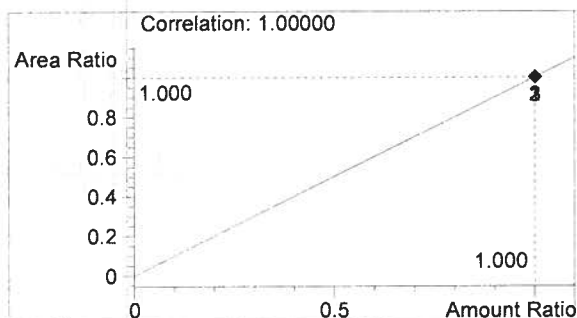
Inj. Date: 2/13/2014 4:30:45 PM Sample Name: QAP 14007 0.15 2
 Instrument: HSGC#3 Operator: Andrew Gingras
 Column: DB-ALC2 Location: Vial 32
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.018
2	n-Propanol	1454	1.742



Ethanol 0.188 g/100mL

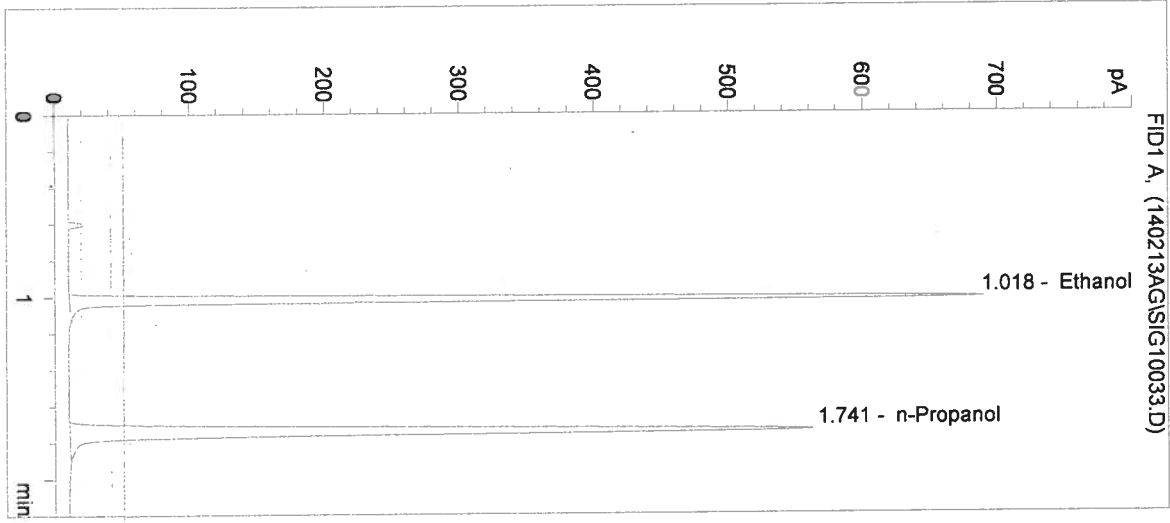


n-Propanol 0.012 g/100mL

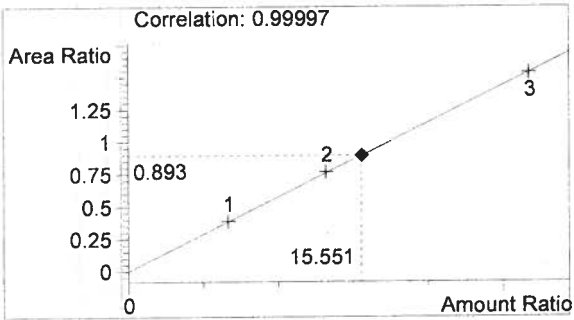
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Inj. Date: 2/13/2014 4:33:53 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

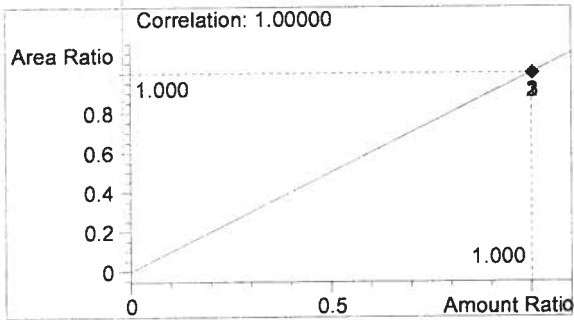
Sample Name: QAP 14007 0.15 3
Operator: Andrew Gingras
Location: Vial 33



#	Compound	Peak Area	RT (min)
1	Ethanol	1318	1.018
2	n-Propanol	1477	1.741



Ethanol 0.187 g/100mL

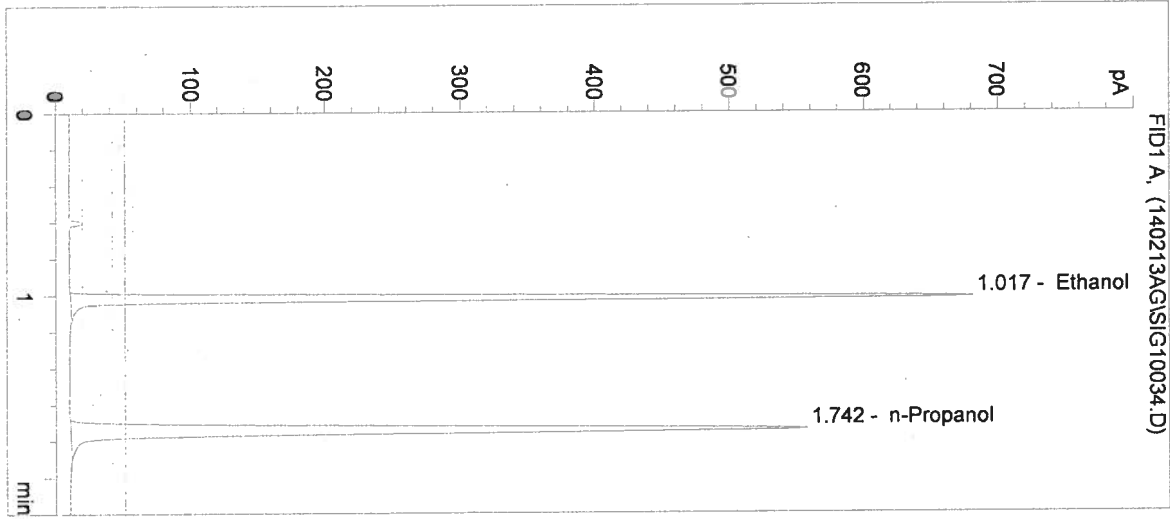


n-Propanol 0.012 g/100mL

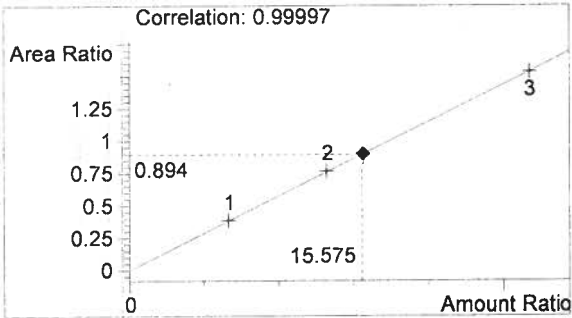
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Inj. Date: 2/13/2014 4:37:00 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:

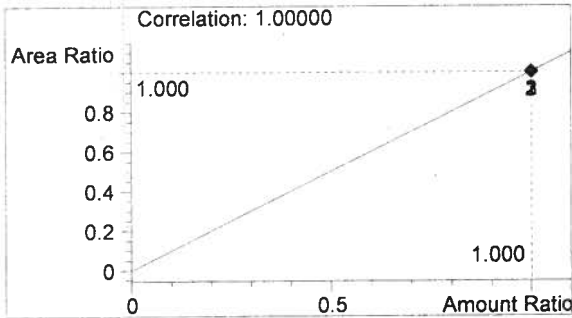
Sample Name: QAP 14007 0.15 4
 Operator: Andrew Gingras
 Location: Vial 34



#	Compound	Peak Area	RT (min)
1	Ethanol	1311	1.017
2	n-Propanol	1466	1.742



Ethanol 0.187 g/100mL



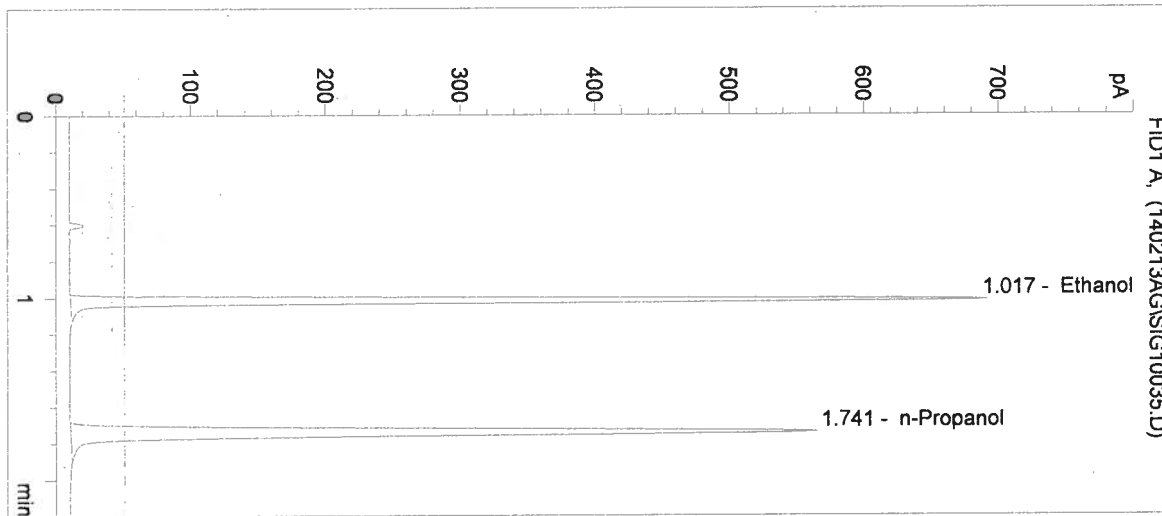
n-Propanol 0.012 g/100mL

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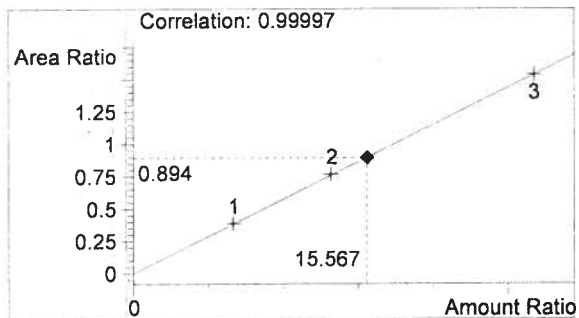
Inj. Date: 2/13/2014 4:40:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP 14007 0.15 5
Operator: Andrew Gingras
Location: Vial 35

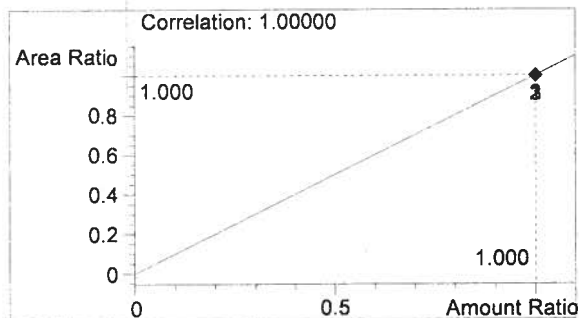
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1323	1.017
2	n-Propanol	1480	1.741



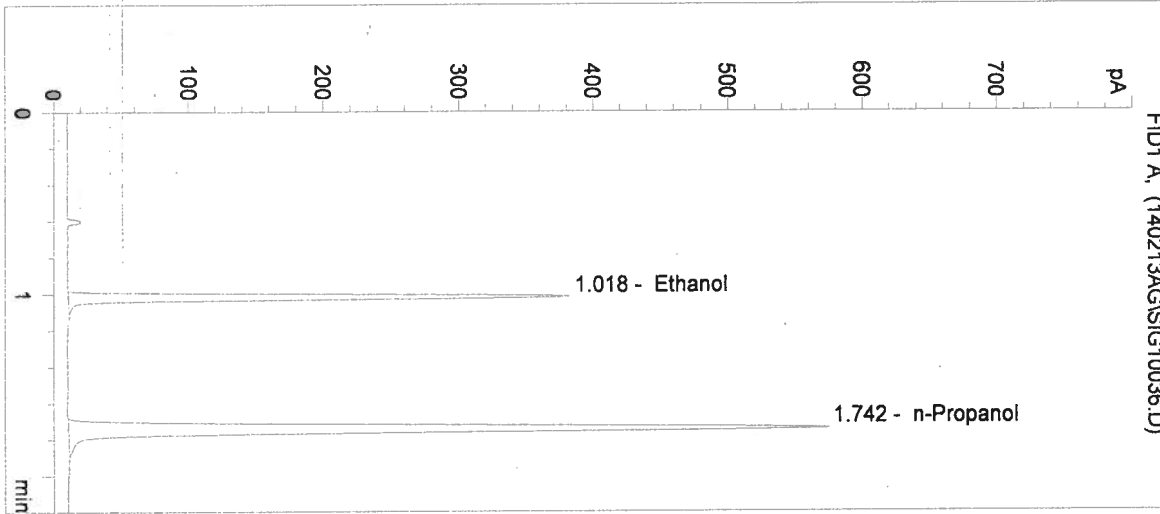
Ethanol 0.187 g/100mL



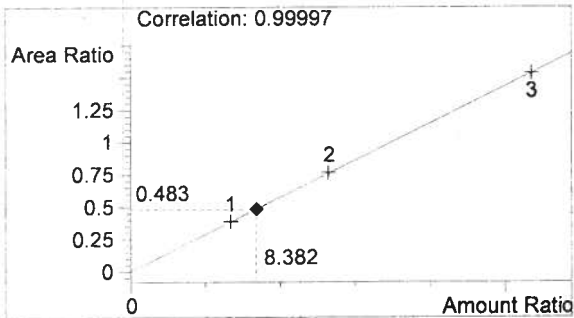
n-Propanol 0.012 g/100mL

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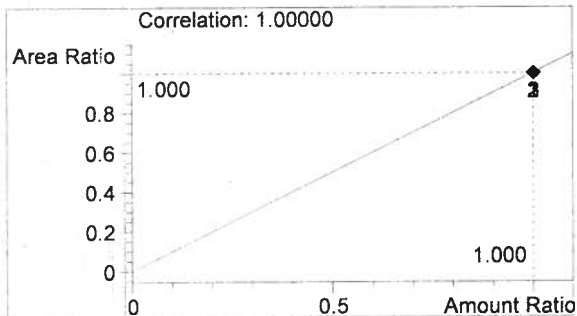
Inj. Date: 2/13/2014 4:43:15 PM Sample Name: 0.10 Control
 Instrument: HSGC#3 Operator: Andrew Gingras
 Column: DB-ALC2 Location: Vial 36
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.018
2	n-Propanol	1511	1.742



Ethanol 0.101 g/100mL

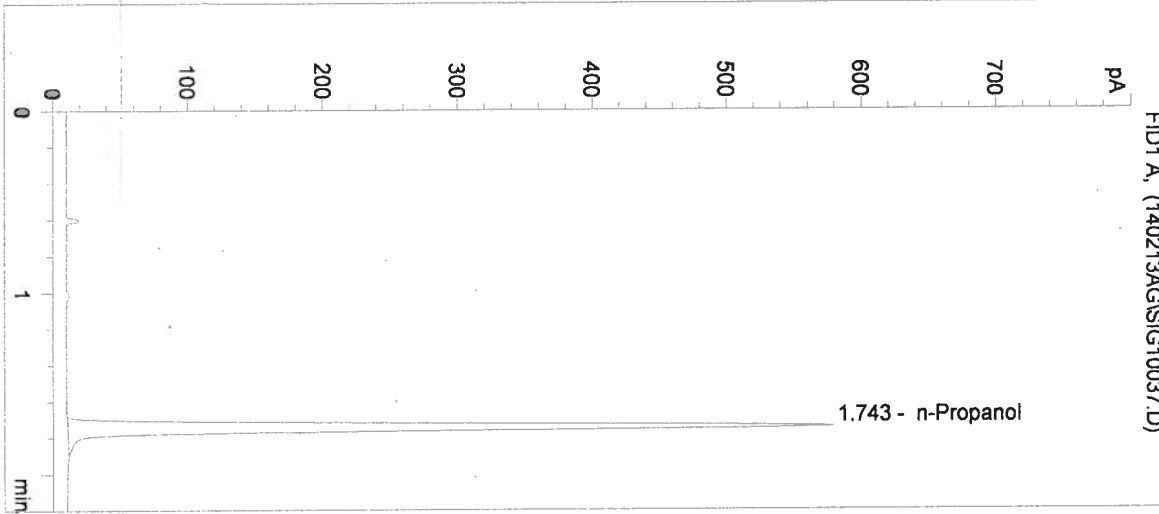


n-Propanol 0.012 g/100mL

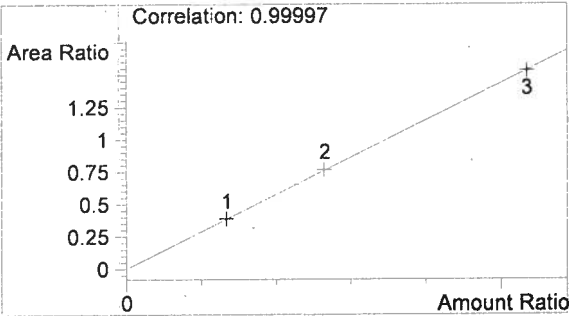
14007

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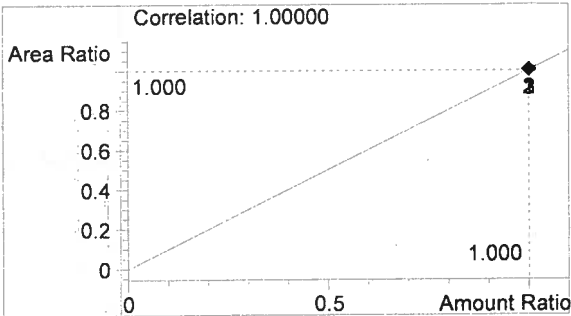
Inj. Date: 2/13/2014 4:46:23 PM Sample Name: Neg Control
 Instrument: HSGC#3 Operator: Andrew Gingras
 Column: DB-ALC2 Location: Vial 37
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1522	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14007

Sequence Parameters:

Operator: Justin Knoy
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\2\DATA\
 Data Subdirectory: 140218JU
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E1213-01 - Exp. 06/03/2014
 Ethanol Calibrator 2, E1213-02 - Exp. 06/03/2014
 Ethanol Calibrator 3, E1213-03 - Exp. 06/03/2014
 CTRL1 (0.04g/100mL), Lot # FN120110-04 - Exp. 12/2015
 CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017
 CTRL3 (0.20g/100mL), Lot # FN100511-01 - Exp. 10/2016
 Internal Standard Lot#P0114 - Exp. 4/26/14

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL1 (0.04)	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL3 (0.20)	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	14004-1	SIMALC3	1	Sample		
11	Vial 11	14004-2	SIMALC3	1	Sample		
12	Vial 12	14004-3	SIMALC3	1	Sample		
13	Vial 13	14004-4	SIMALC3	1	Sample		
14	Vial 14	14004-5	SIMALC3	1	Sample		
15	Vial 15	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	14005-1	SIMALC3	1	Sample		
18	Vial 18	14005-2	SIMALC3	1	Sample		
19	Vial 19	14005-3	SIMALC3	1	Sample		
20	Vial 20	14005-4	SIMALC3	1	Sample		
21	Vial 21	14005-5	SIMALC3	1	Sample		
22	Vial 22	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	14006-1	SIMALC3	1	Sample		
25	Vial 25	14006-2	SIMALC3	1	Sample		
26	Vial 26	14006-3	SIMALC3	1	Sample		
27	Vial 27	14006-4	SIMALC3	1	Sample		

14007

*Calibration data
w/ 14004
JK 2-19-14*

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
28	Vial 28	14006-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	14007-1	SIMALC3	1	Sample		
32	Vial 32	14007-2	SIMALC3	1	Sample		
33	Vial 33	14007-3	SIMALC3	1	Sample		
34	Vial 34	14007-4	SIMALC3	1	Sample		
35	Vial 35	14007-5	SIMALC3	1	Sample		
36	Vial 36	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace		Replace		
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace		Replace		
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

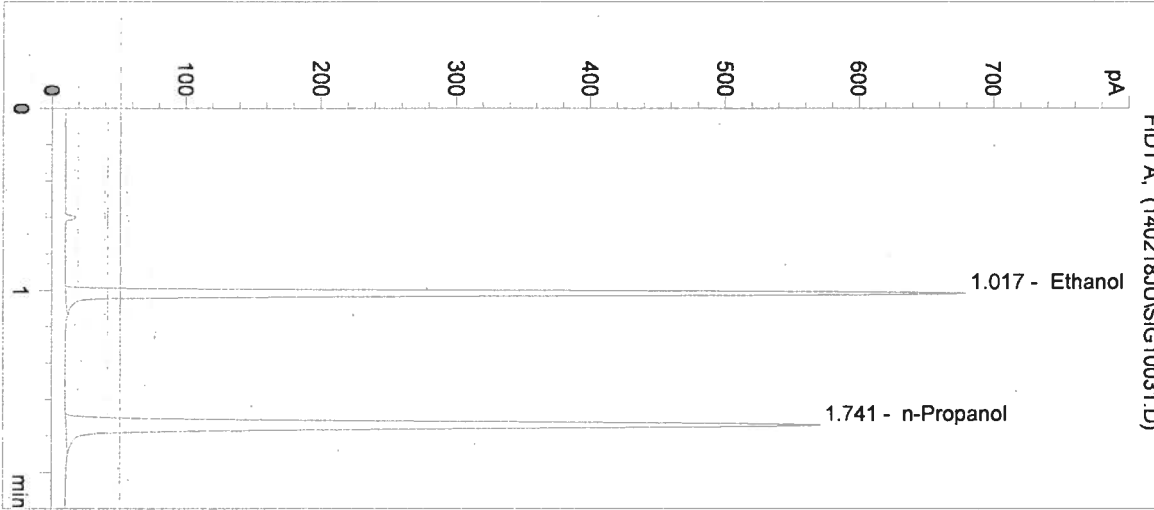
No entries - empty table!

14004
14005

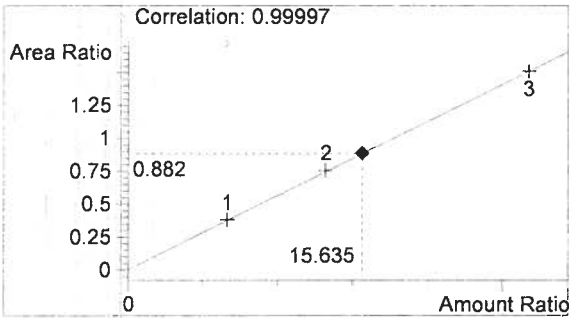
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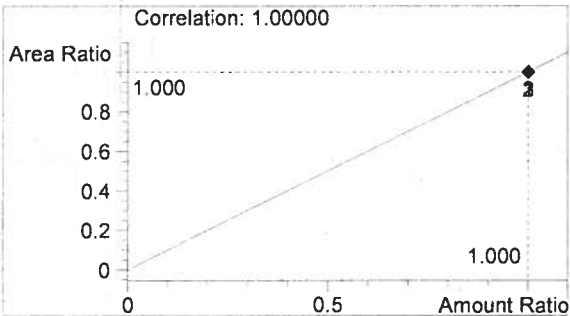
Inj. Date: 2/18/2014 3:02:08 PM Sample Name: 14007-1
Instrument: HSGC#3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 31
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1336	1.017
2	n-Propanol	1514	1.741



Ethanol 0.188 g/100mL

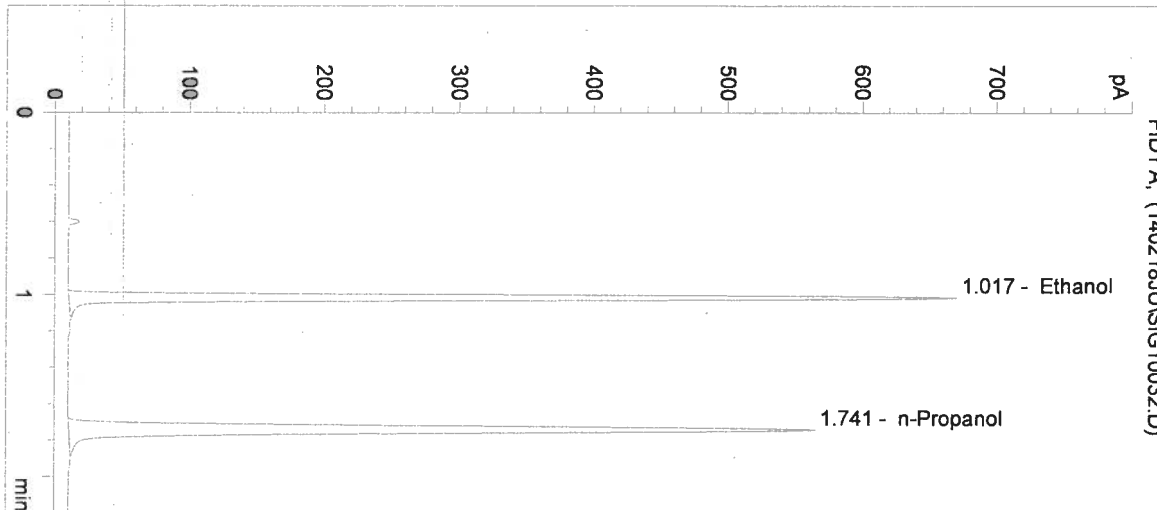


n-Propanol 0.012 g/100mL

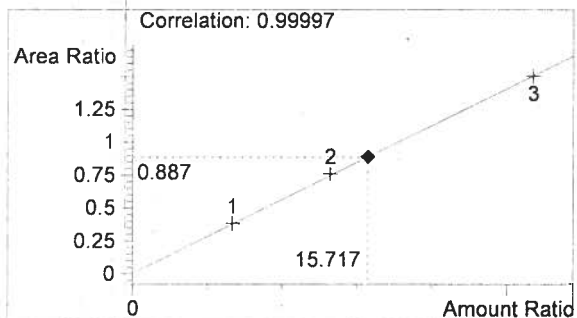
Handwritten mark

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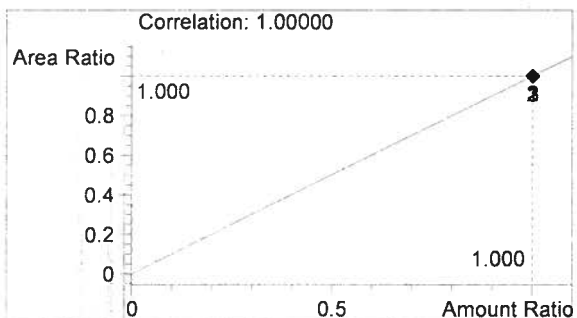
Inj. Date: 2/18/2014 3:05:15 PM Sample Name: 14007-2
 Instrument: HSGC#3 Operator: Justin Knoy
 Column: DB-ALC2 Location: Vial 32
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1324	1.017
2	n-Propanol	1493	1.741



Ethanol 0.189 g/100mL

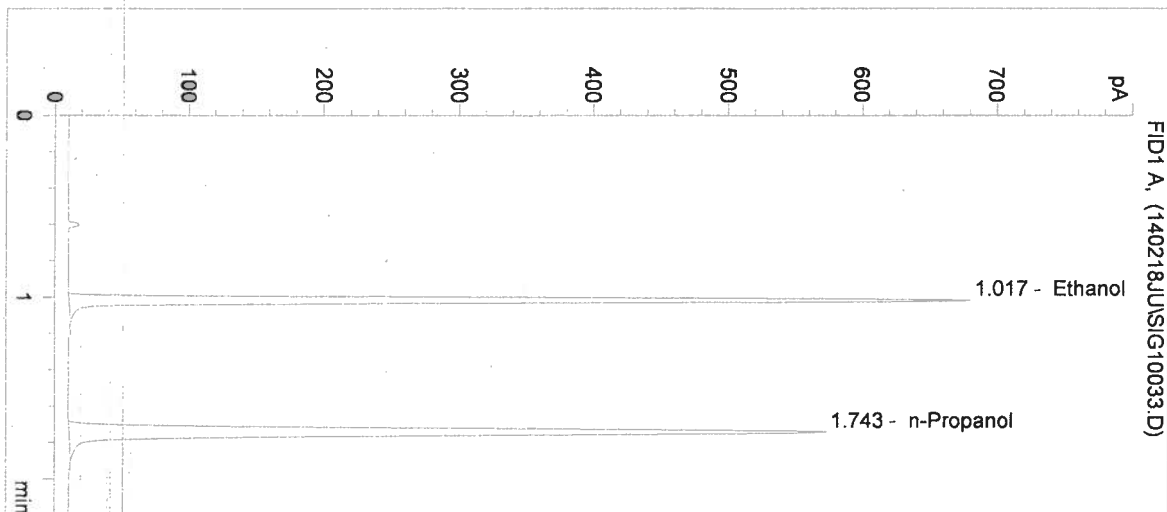


n-Propanol 0.012 g/100mL

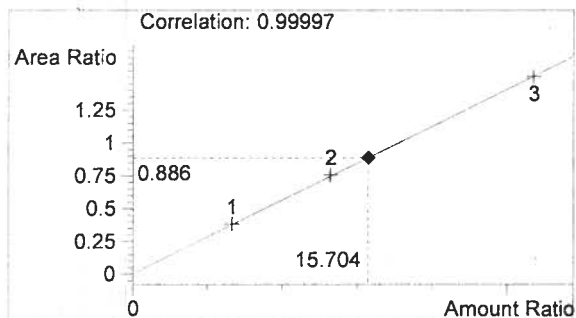
JK

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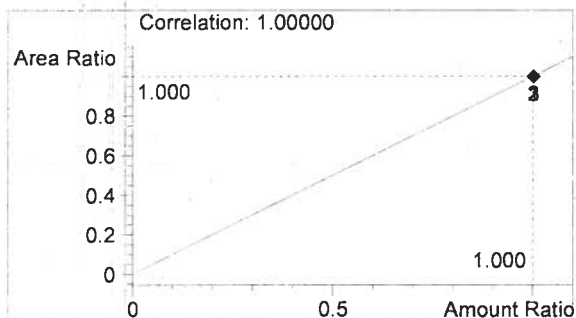
Inj. Date: 2/18/2014 3:08:23 PM Sample Name: 14007-3
 Instrument: HSGC#3 Operator: Justin Knoy
 Column: DB-ALC2 Location: Vial 33
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1344	1.017
2	n-Propanol	1517	1.743



Ethanol 0.188 g/100mL

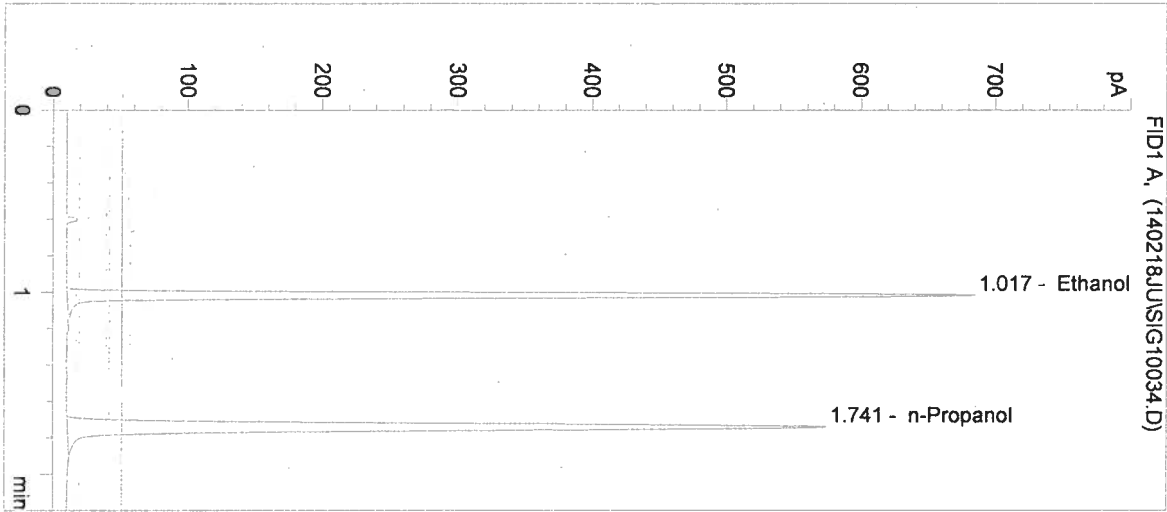


n-Propanol 0.012 g/100mL

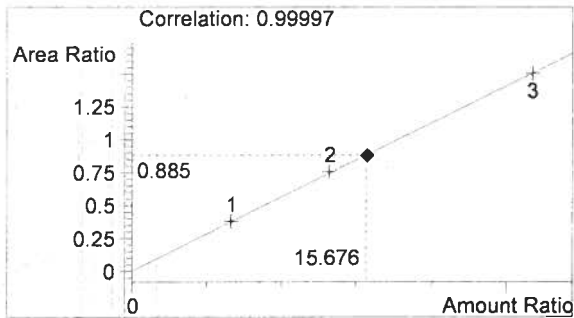
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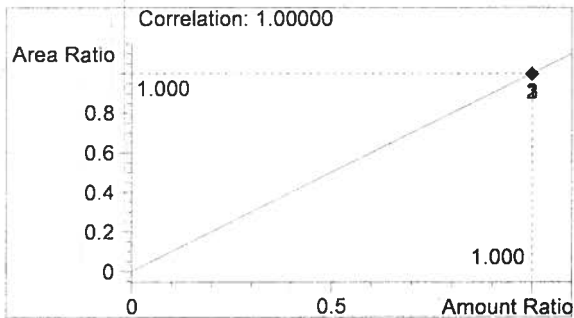
Inj. Date: 2/18/2014 3:11:30 PM Sample Name: 14007-4
 Instrument: HSGC#3 Operator: Justin Knoy
 Column: DB-ALC2 Location: Vial 34
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1339	1.017
2	n-Propanol	1514	1.741



Ethanol 0.188 g/100mL

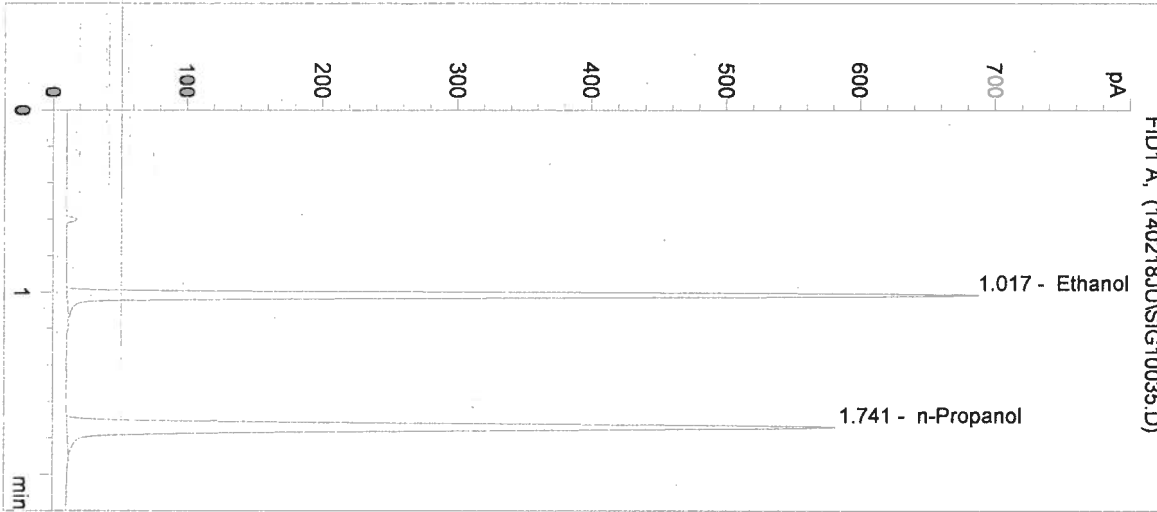


n-Propanol 0.012 g/100mL

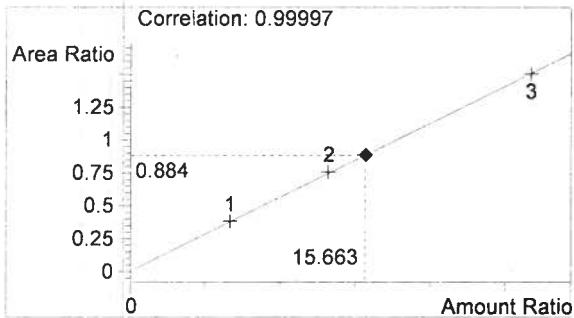
JK

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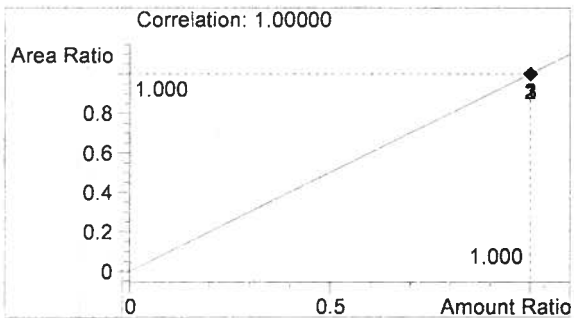
Inj. Date: 2/18/2014 3:14:37 PM Sample Name: 14007-5
Instrument: HSGC#3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 35
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1357	1.017
2	n-Propanol	1535	1.741



Ethanol 0.188 g/100mL



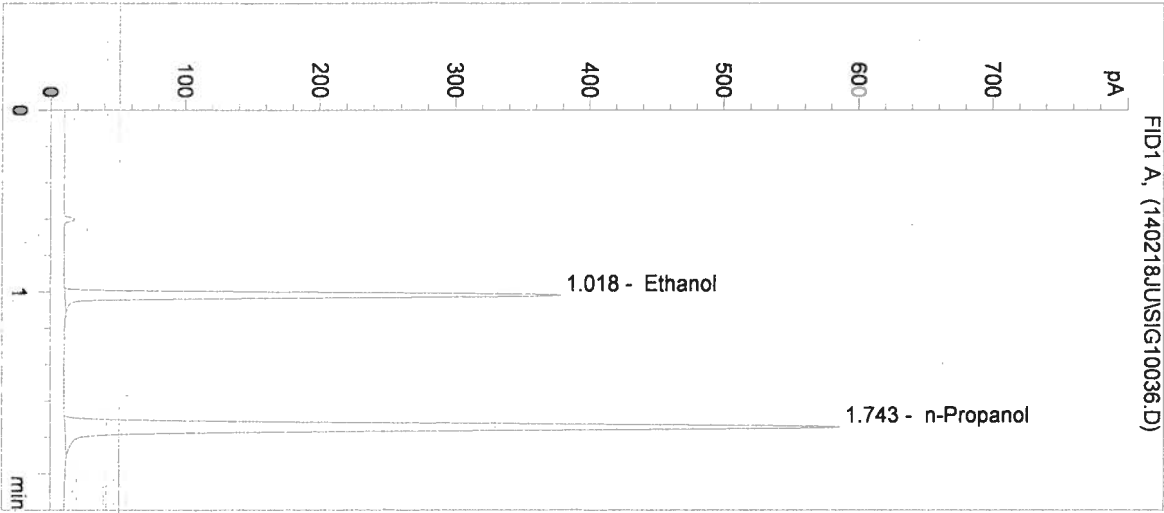
n-Propanol 0.012 g/100mL

Handwritten signature/initials

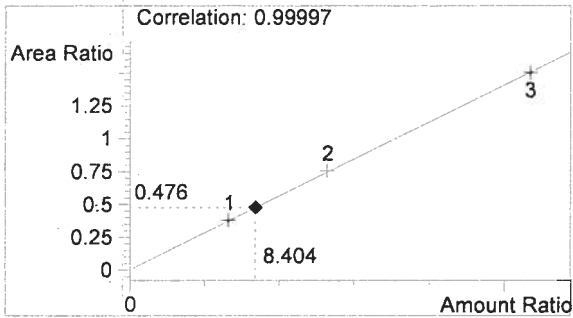
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Inj. Date: 2/18/2014 3:17:45 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info: 0.10g/100mL

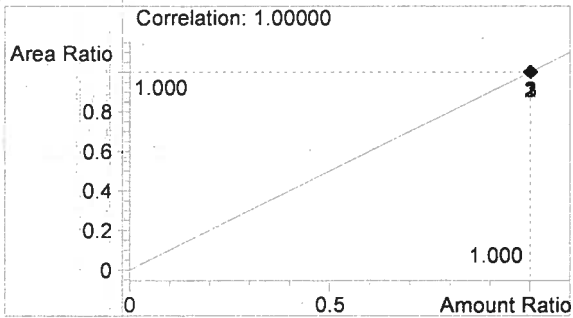
Sample Name: CTRL2 (0.10)
 Operator: Justin Knoy
 Location: Vial 36



#	Compound	Peak Area	RT (min)
1	Ethanol	739	1.018
2	n-Propanol	1552	1.743



Ethanol 0.101 g/100mL

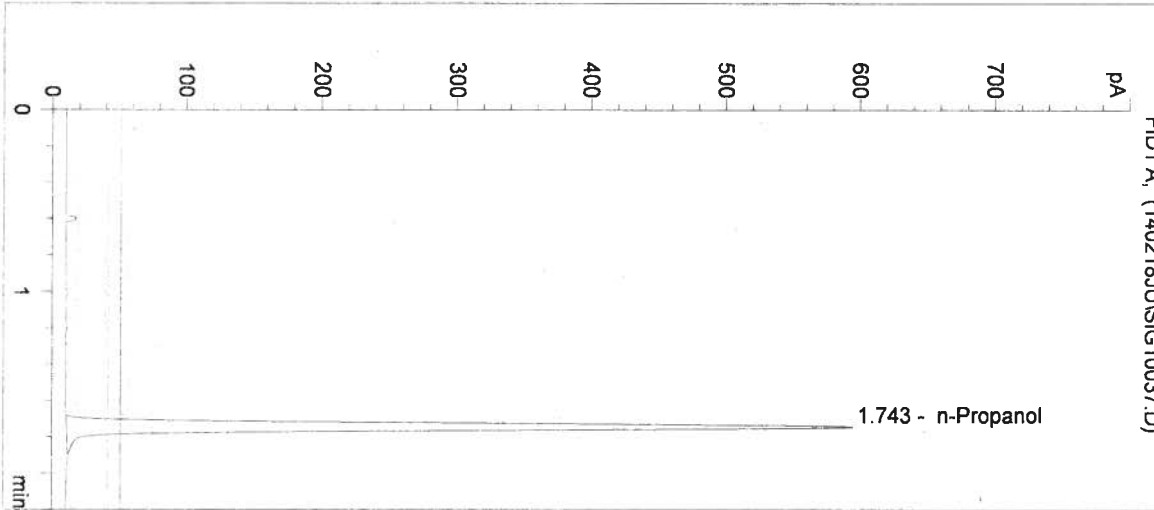


n-Propanol 0.012 g/100mL

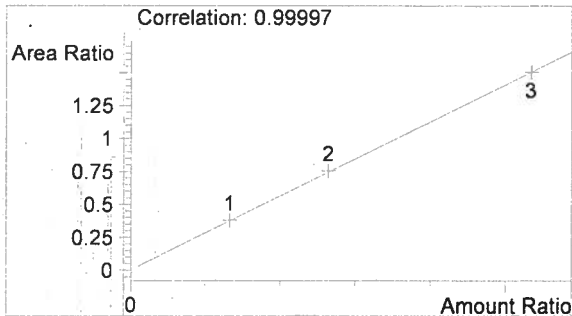
14007

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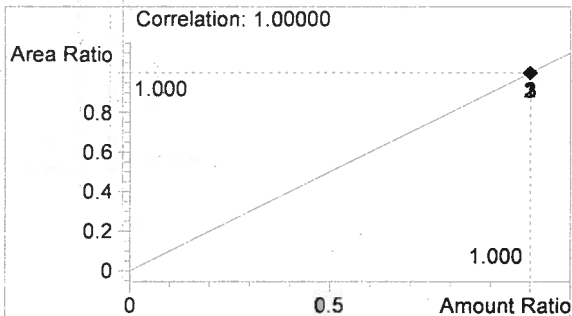
Inj. Date: 2/18/2014 3:20:53 PM Sample Name: NEG CTRL
 Instrument: HSGC#3 Operator: Justin Knoy
 Column: DB-ALC2 Location: Vial 37
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1575	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

14007