



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

BATCH REPORT: 15045

**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: 0.10 g/210L  
DATE PREPARED: 10/12/2015  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Asa J. Louis

	AJL	BT	LL
1	0.125	0.125	0.127
2	0.125	0.127	0.127
3	0.125	0.124	0.127
4	0.125	0.126	0.125
5	0.125	0.127	0.125
C	0.101	0.101	0.100

**ETHANOL CONTROL INFORMATION**

LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1257 g/100mL PRECISION CV (%): 0.83  
STANDARD DEVIATION: 0.00105 NUMBER OF TESTS: 15

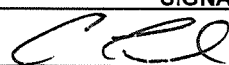


EQUIVALENT VAPOR CONCENTRATION: 0.1022 g/210L  
EXPANDED UNCERTAINTY: ± 0.0022 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

  
\_\_\_\_\_  
Lisa Noble Forensic Scientist Supervisor

11/6/15  
\_\_\_\_\_  
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		10/12/2015
BT	Brittany Thomas		10/14/2015
LL	Lyndsey Lowe		10/20/2015

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 #: 15045

Date Prepared: 10/12/2015

Analyst:	AL	BT	LL
Date Tested:	10/12/2015	10/14/2015	10/20/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.125	0.125	0.127
2	0.125	0.127	0.127
3	0.125	0.124	0.127
4	0.125	0.126	0.125
5	0.125	0.127	0.125
C	0.101	0.101	0.100

	CV <sup>2</sup> <sub>COA</sub>	CV <sup>2</sup> <sub>QAP Solution</sub>	CV <sup>2</sup> <sub>Control</sub>	CV <sup>2</sup> <sub>Part Coef</sub>
516	0.0000084100	0.0000046236	0.0000109644	0.0001016326

Ethanol Control Lot #: FN08051301  
 Control Uncertainty (%): 0.29%

Average Solution Concentration: 0.1257 g/100mL  
 Standard Deviation: 0.00105 g/100mL  
 Precision CV (%): 0.83  
 Equivalent Vapor Concentration: 0.1022 g/210L  
 Combined Standard Uncertainty (±): 0.0011 g/210L  
 Expanded Uncertainty (±): 0.0022 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 10/27/15  
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 11-4-15  
 Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 10/27/15  
 Name Signature Date

[Signature]

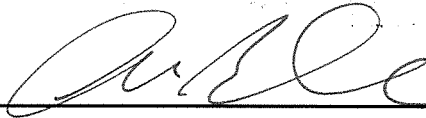
## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 11-4-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15045

	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: 11-4-15



**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		
Andrew Gingras		
Asa Louis	AL	20151028
Brittany Thomas	BT	10/22/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Lowe	L	10.27.15
Naziha Nuwayhid	INITIALS	
Rebecca Flaherty		

Batch # 15045 10/27/15

*ln*

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

**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15045**

I, Asa J. Louis, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The quality assurance procedure (QAP) solution, Lot Number 15045, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

 20151028

Asa J. Louis  
Forensic Scientist

Date

JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15045**

I, Brittany Thomas, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15045, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

 10/29/15

Brittany Thomas

Date

Forensic Scientist

JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 15045**

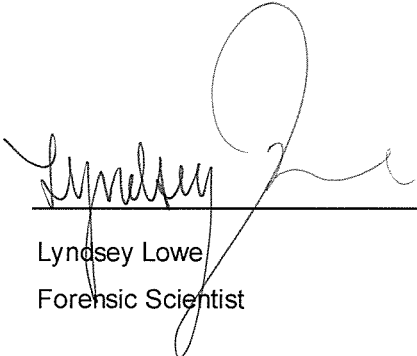
I, Lyndsey Lowe, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 15045, was prepared in the Washington State Toxicology Laboratory on 10/12/2015. I tested this solution and 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 10/12/2016.

Seattle, WA

  
\_\_\_\_\_  
Lyndsey Lowe  
Forensic Scientist

10.27.15  
Date

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

Preparation Date: 20151012 Expiration Date: 20161012 Initials of Preparer: ALLot # of 200-proof Ethanol used in preparation: JDC 0208Date the 200-proof Ethanol bottle was opened: 20150910

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.

Environmental conditions verified as acceptable:



Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>15043</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>15044</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>15045</u>
QAP 0.15	42.1	18	<input type="checkbox"/>	<u>          </u>
QAP 0.20	56.1	18	<input type="checkbox"/>	<u>          </u>
ESS	66.5	52	<input type="checkbox"/>	<u>          </u>

Stir bar is rotating



Stirred for minimum 30 minutes; 2 hours for ESS



Spigot purged




Aliquot taken



Batch labeled, packaged and sealed

20151012  
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: 15043 out of range - to be destroyed
  
Analyst Signature
20151012  
Date



Sequence Parameters:

Operator: asa louis  
 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: 151012A3  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 cal 1 e0615-01 exp 12/02/2015  
 0.158 cal 2 e0615-02 exp 12/02/2015  
 0.316 cal 3 e0615-03 exp 12/02/2015  
 0.04 control fn05011301 exp 05/2018  
 0.10 control fn08051301 exp 10/2018  
 0.20 control fn03211401 exp 06/2019  
 istd p0915 exp 12/18/2015

calibration in batch ~~15043~~  
 15044 12/10/2015

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 ctrl - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	qap0.04 15043 #1	SIMALC3	1	Sample		
11	Vial 11	qap0.04 15043 #2	SIMALC3	1	Sample		
12	Vial 12	qap0.04 15043 #3	SIMALC3	1	Sample		
13	Vial 13	qap0.04 15043 #4	SIMALC3	1	Sample		
14	Vial 14	qap0.04 15043 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC3	1	Ctrl Samp		
17	Vial 17	qap0.08 15044 #1	SIMALC3	1	Sample		
18	Vial 18	qap0.08 15044 #2	SIMALC3	1	Sample		
19	Vial 19	qap0.08 15044 #3	SIMALC3	1	Sample		
20	Vial 20	qap0.08 15044 #4	SIMALC3	1	Sample		
21	Vial 21	qap0.08 15044 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC3	1	Ctrl Samp		
24	Vial 24	qap0.10 15045 #1	SIMALC3	1	Sample		
25	Vial 25	qap0.10 15045 #2	SIMALC3	1	Sample		
26	Vial 26	qap0.10 15045 #3	SIMALC3	1	Sample		

15045  
 12/10/2015  
 AK

equence: C:\HPCHEM\2\SEQUENCE\ALQAP.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	qap0.10 15045 #4	SIMALC3	1	Sample		
28	Vial 28	qap0.10 15045 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC3	1	Ctrl Samp		
31	Vial 31	qap0.15 15046 #1	SIMALC3	1	Sample		
32	Vial 32	qap0.15 15046 #2	SIMALC3	1	Sample		
33	Vial 33	qap0.15 15046 #3	SIMALC3	1	Sample		
34	Vial 34	qap0.15 15046 #4	SIMALC3	1	Sample		
35	Vial 35	qap0.15 15046 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	SIMALC3	1	Ctrl Samp		
38	Vial 38	qap0.20 15047 #1	SIMALC3	1	Sample		
39	Vial 39	qap0.20 15047 #2	SIMALC3	1	Sample		
40	Vial 40	qap0.20 15047 #3	SIMALC3	1	Sample		
41	Vial 41	qap0.20 15047 #4	SIMALC3	1	Sample		
42	Vial 42	qap0.20 15047 #5	SIMALC3	1	Sample		
43	Vial 43	0.10 ctrl - al	SIMALC3	1	Ctrl Samp		
44	Vial 44	neg ctrl - al	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15045

*10/12/15*

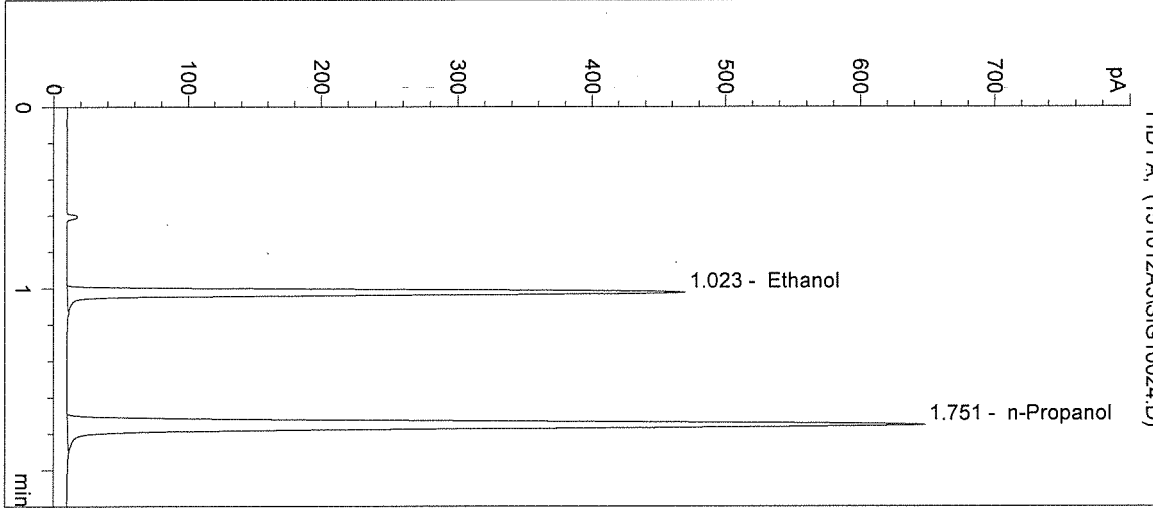
*W*

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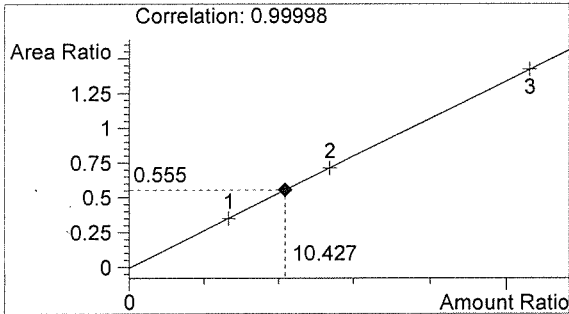
Inj. Date: 10/12/2015 2:19:55 PM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: gap0.10 15045 #1  
Operator: asa louis  
Location: Vial 24

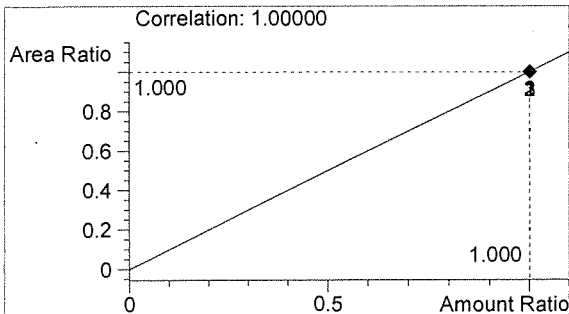
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	959	1.023
2	n-Propanol	1726	1.751



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten initials*

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Inj. Date: 10/12/2015 2:23:08 PM

Sample Name: gap0.10 15045 #2

Instrument: HSGC#3

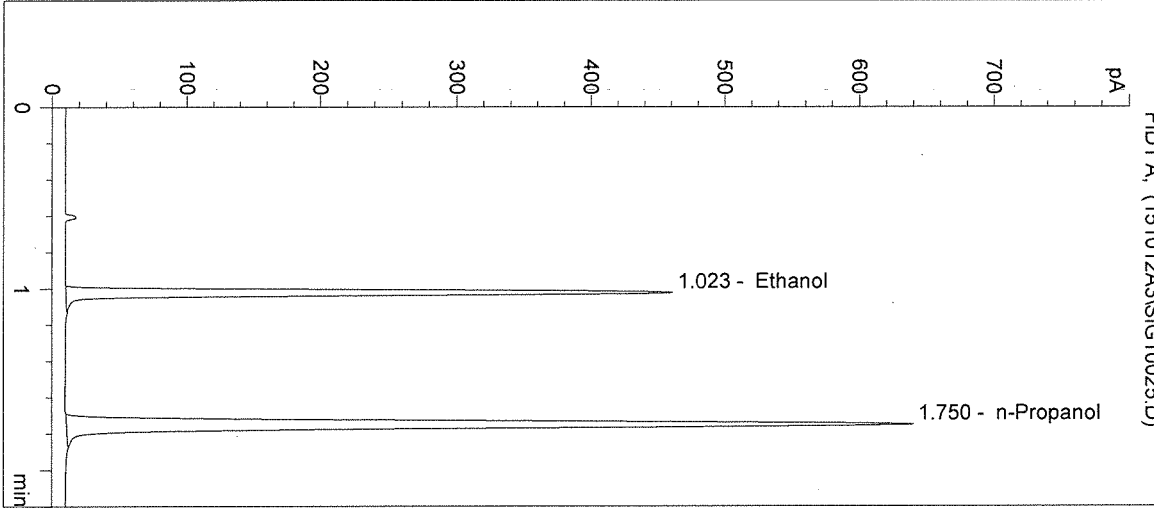
Operator: asa louis

Column: DB-ALC2

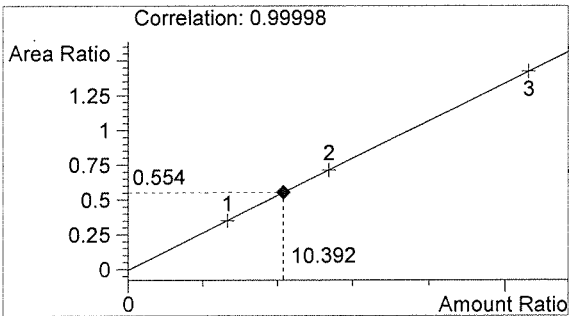
Location: Vial 25

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

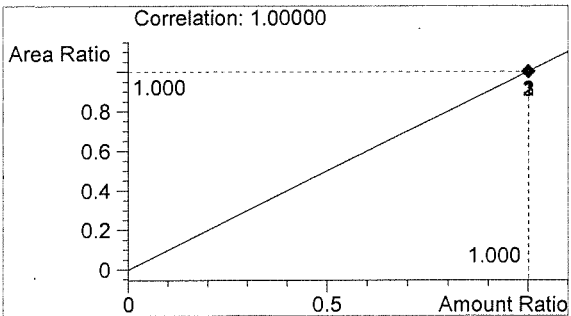
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	942	1.023
2	n-Propanol	1701	1.750



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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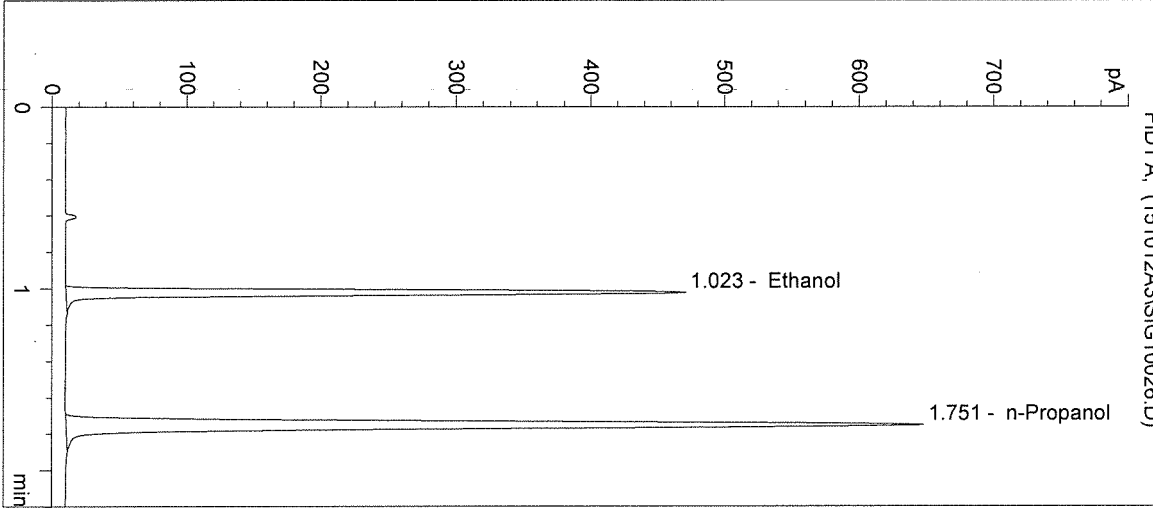
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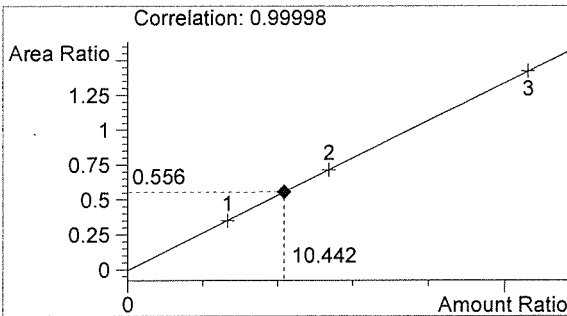
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Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: gap0.10 15045 #3  
Operator: asa louis  
Location: Vial 26

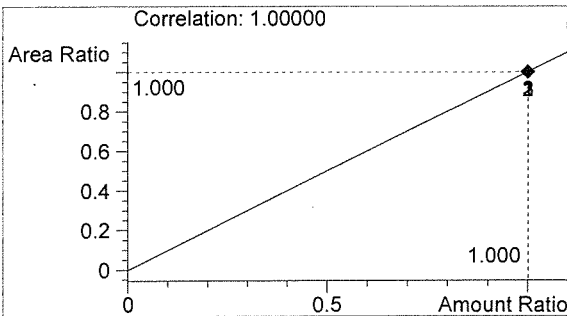
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	958	1.023
2	n-Propanol	1722	1.751



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten signature*

Inj. Date: 10/12/2015 2:29:35 PM

Sample Name: gap0.10 15045 #4

Instrument: HSGC#3

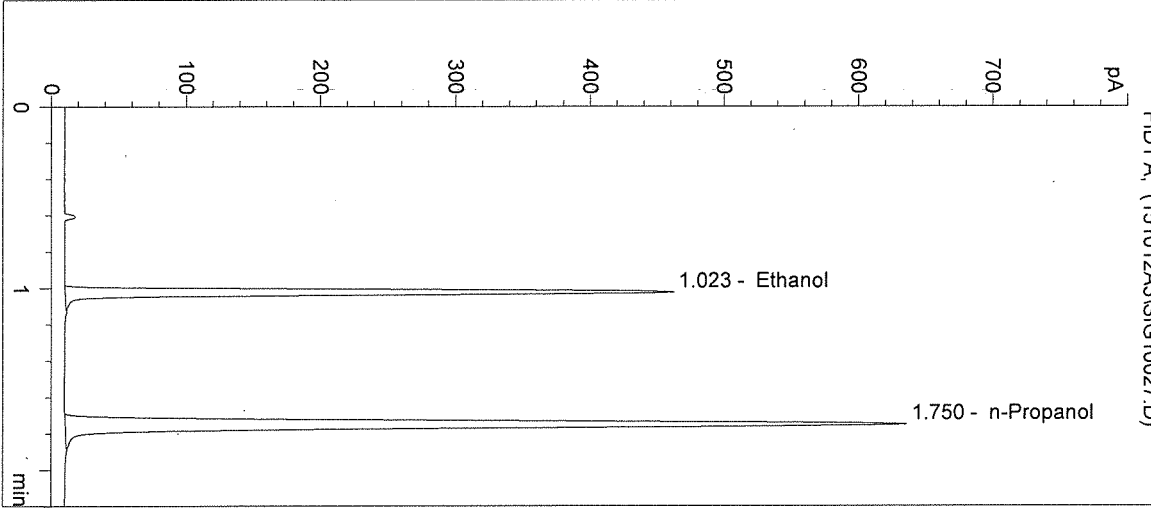
Operator: asa louis

Column: DB-ALC2

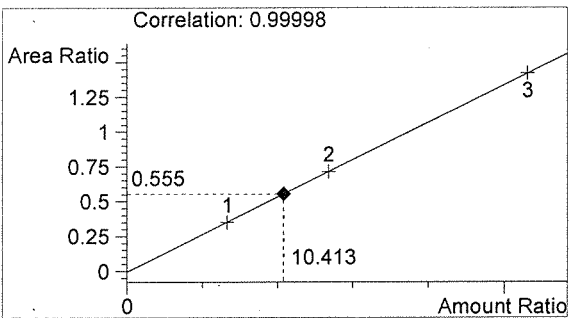
Location: Vial 27

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

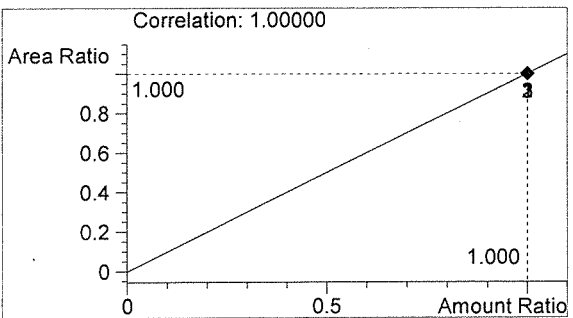
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	935	1.023
2	n-Propanol	1685	1.750



Ethanol 0.125 g/100mL



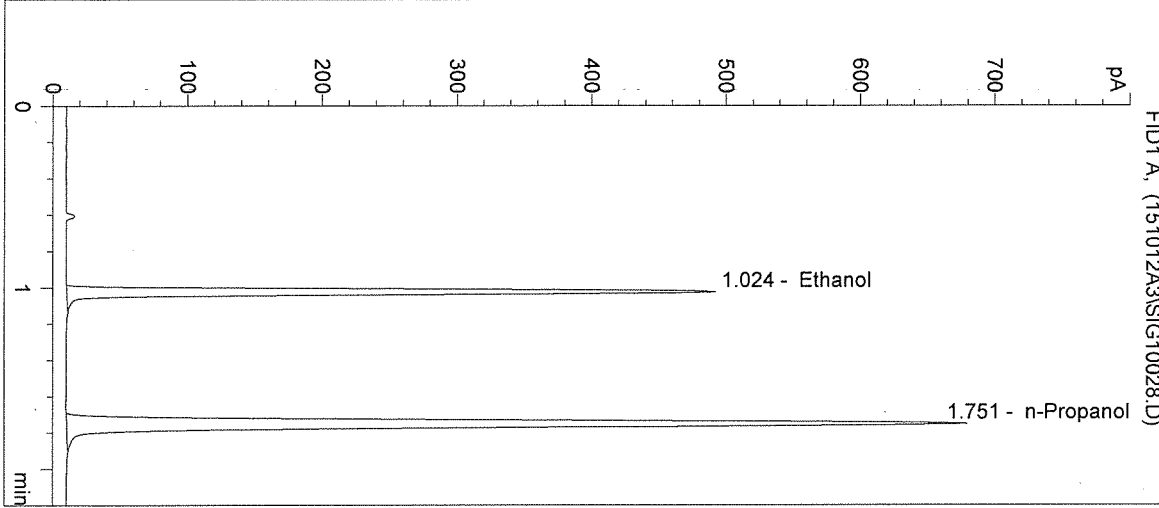
n-Propanol 0.012 g/100mL

*Handwritten signature*

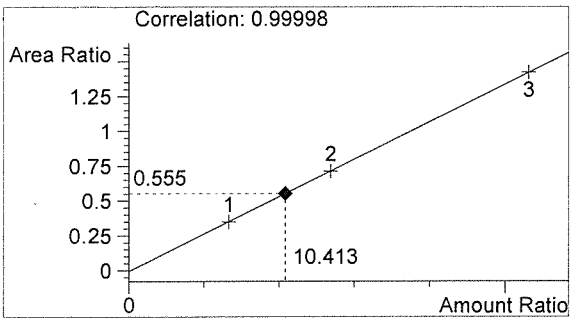
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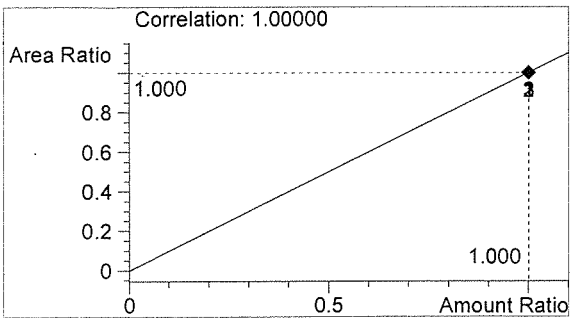
Inj. Date: 10/12/2015 2:32:49 PM      Sample Name: gap0.10`15045 #5  
Instrument: HSGC#3      Operator: asa louis  
Column: DB-ALC2      Location: Vial 28  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1001	1.024
2	n-Propanol	1805	1.751



Ethanol      0.125 g/100mL



n-Propanol      0.012 g/100mL

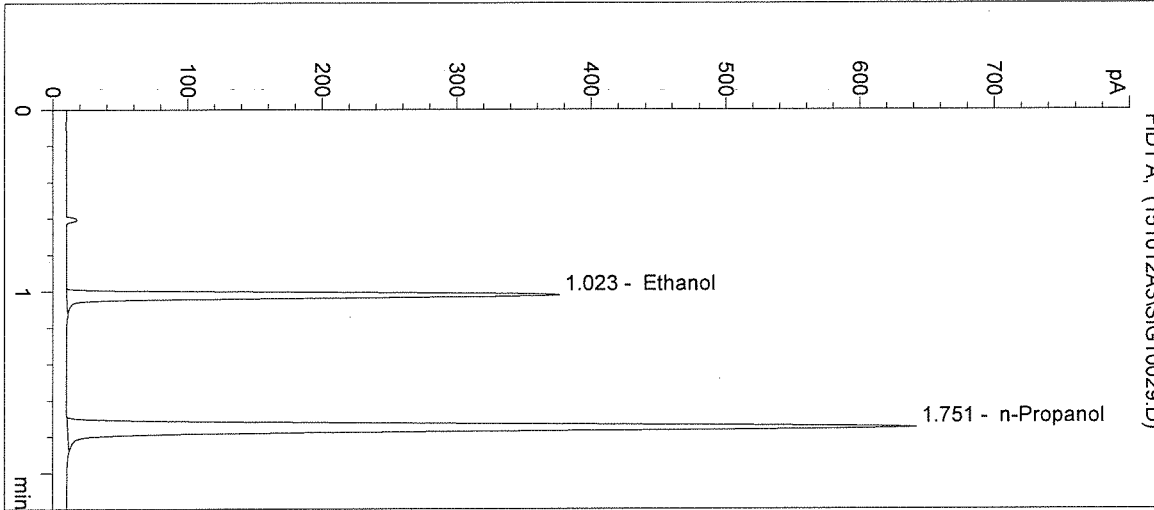
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*Handwritten initials*

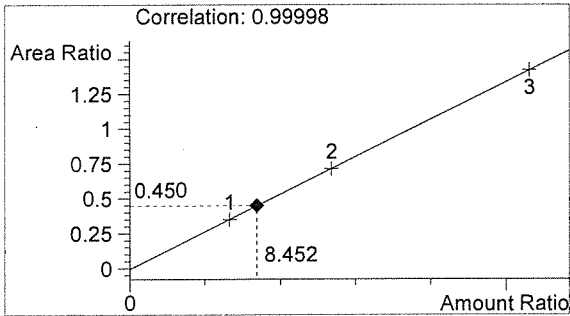
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Inj. Date: 10/12/2015 2:36:02 PM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info: qap 15045

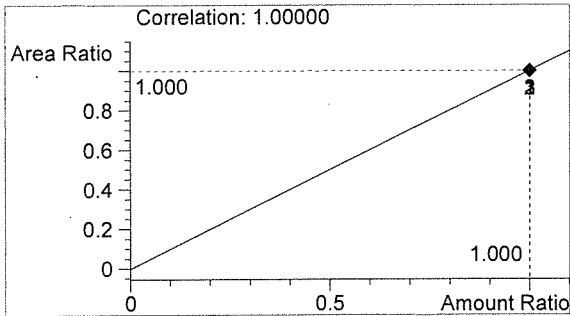
Sample Name: 0.10 ctrl - al  
Operator: asa louis  
Location: Vial 29



#	Compound	Peak Area	RT (min)
1	Ethanol	766	1.023
2	n-Propanol	1703	1.751



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

*Handwritten signature*



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Inj. Date: 10/12/2015 2:39:15 PM

Sample Name: neg ctrl - al

Instrument: HSGC#3

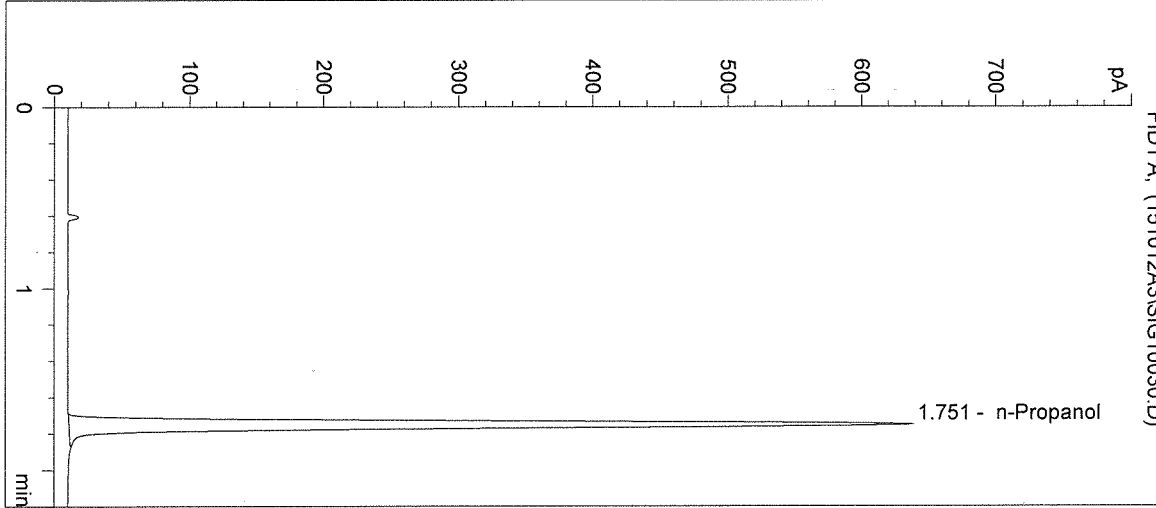
Operator: asa louis

Column: DB-ALC2

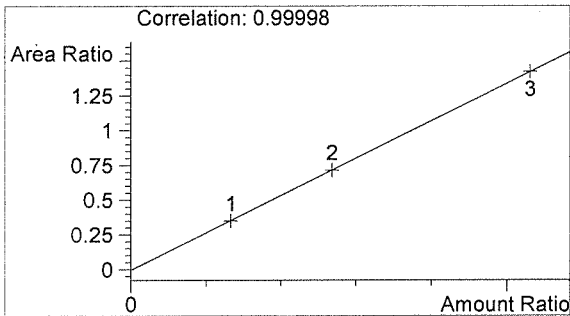
Location: Vial 30

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

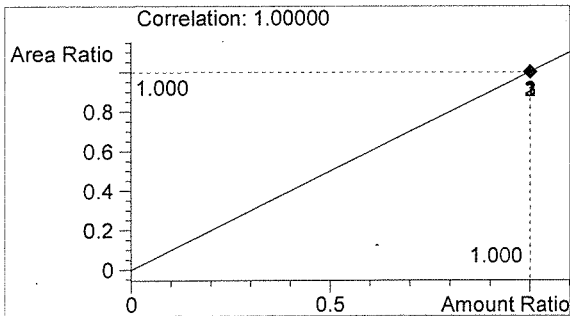
Sample Info: gap 15045



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1694	1.751



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signature*

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Sequence Parameters:

Operator: Brittany Thomas  
 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: 151014B  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1 (0.079g/100mL) - LOT# E0615-01 - EXP 12/2/2015  
 CAL 2 (0.158g/100mL) - LOT# E0615-02 - EXP 12/2/2015  
 CAL 3 (0.316g/100mL) - LOT# E0615-03 - EXP 12/2/2015  
 n-Propanol ISTD - LOT# P0915 - 12/18/2015  
 CTRL 1 (0.04g/100mL) - LOT# FN05011301 - EXP 05/2018  
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018  
 CTRL 3 (0.20g/100mL) - LOT# FN03211401 - EXP 06/2019

Calibrator and control data located in batch folder 15044

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 CTRL-BT	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-BT	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-BT	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
10	Vial 10	QAP0.08 15044 #1	SIMALC3	1	Sample		
11	Vial 11	QAP0.08 15044 #2	SIMALC3	1	Sample		
12	Vial 12	QAP0.08 15044 #3	SIMALC3	1	Sample		
13	Vial 13	QAP0.08 15044 #4	SIMALC3	1	Sample		
14	Vial 14	QAP0.08 15044 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
17	Vial 17	QAP0.10 15045 #1	SIMALC3	1	Sample		
18	Vial 18	QAP0.10 15045 #2	SIMALC3	1	Sample		
19	Vial 19	QAP0.10 15045 #3	SIMALC3	1	Sample		
20	Vial 20	QAP0.10 15045 #4	SIMALC3	1	Sample		
21	Vial 21	QAP0.10 15045 #5	SIMALC3	1	Sample		
22	Vial 22	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
24	Vial 24	QAP0.15 15046 #1	SIMALC3	1	Sample		
25	Vial 25	QAP0.15 15046 #2	SIMALC3	1	Sample		
26	Vial 26	QAP0.15 15046 #3	SIMALC3	1	Sample		

15045

*Injection*

BT

BT

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	QAP0.15 15046 #4	SIMALC3	1	Sample		
28	Vial 28	QAP0.15 15046 #5	SIMALC3	1	Sample		
29	Vial 29	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		
31	Vial 31	QAP0.20 15047 #1	SIMALC3	1	Sample		
32	Vial 32	QAP0.20 15047 #2	SIMALC3	1	Sample		
33	Vial 33	QAP0.20 15047 #3	SIMALC3	1	Sample		
34	Vial 34	QAP0.20 15047 #4	SIMALC3	1	Sample		
35	Vial 35	QAP0.20 15047 #5	SIMALC3	1	Sample		
36	Vial 36	0.10 CTRL-BT	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL-BT	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

15045

*15045*

*BT*

*BT*

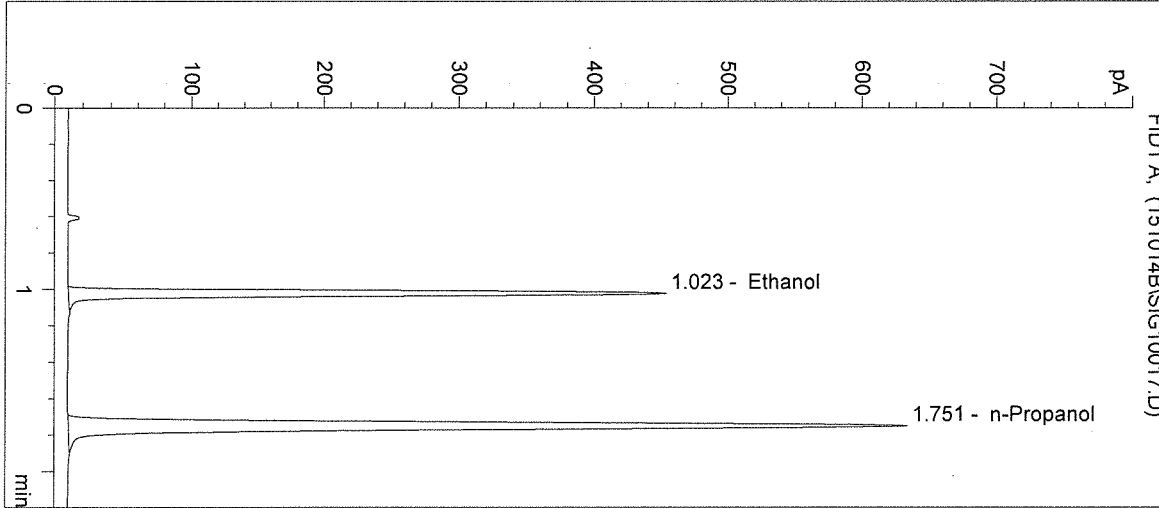
Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:00:14 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2

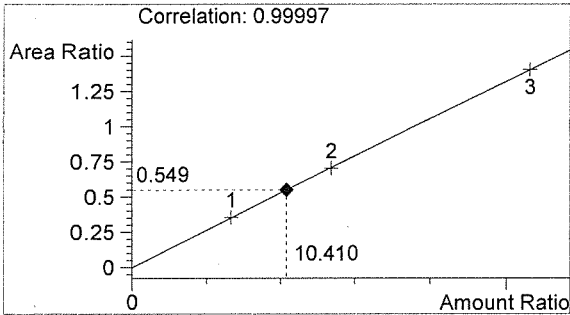
Sample Name: QAP0.10 15045 #1  
 Operator: Brittany Thomas  
 Location: Vial 17

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

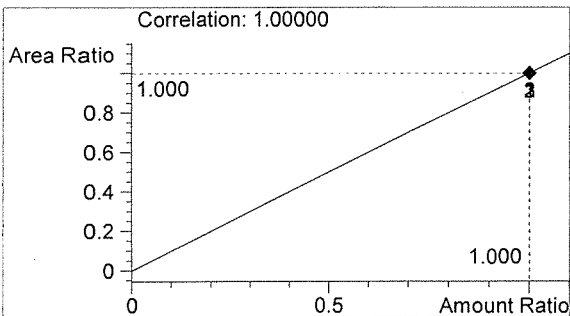
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	930	1.023
2	n-Propanol	1693	1.751



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*BT*

*BT*

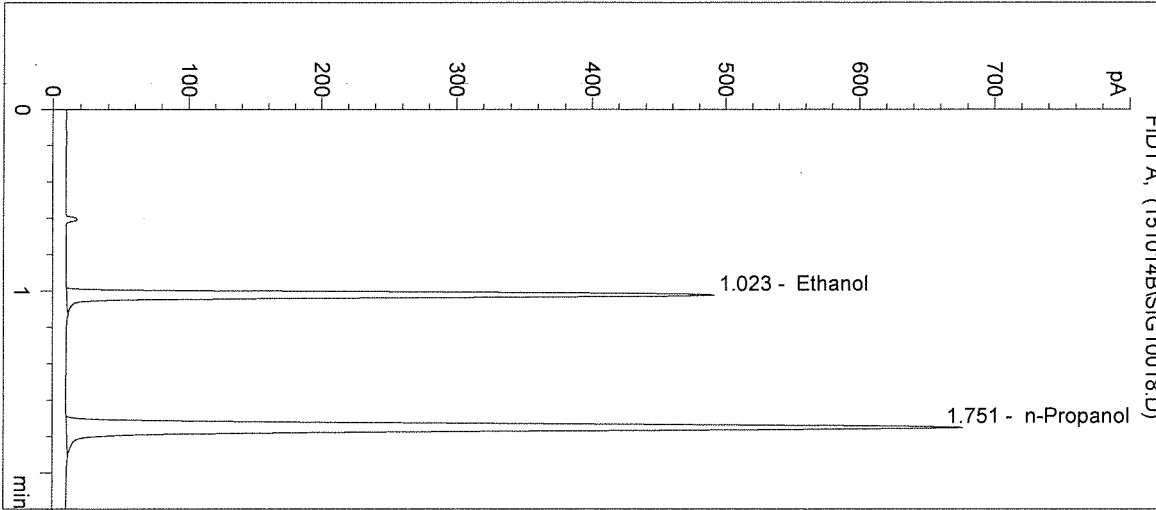
Washington State Patrol Toxicology Laboratory  
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:03:27 PM  
Instrument: HSGC#3  
Column: DB-ALC2

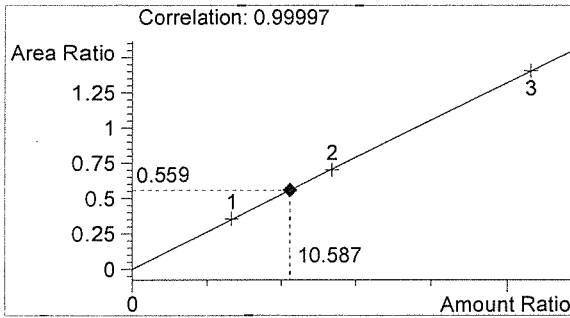
Sample Name: QAP0.10 15045 #2  
Operator: Brittany Thomas  
Location: Vial 18

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

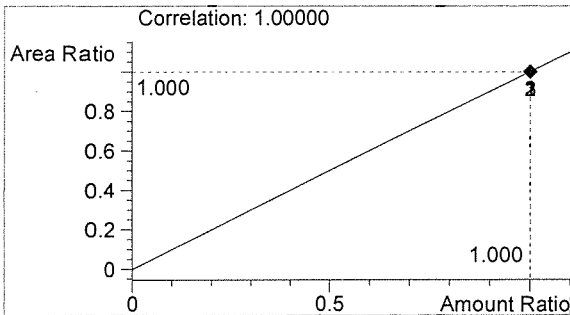
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1012	1.023
2	n-Propanol	1812	1.751



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*BT*

*BT*

Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:06:40 PM

Sample Name: QAP0.10 15045 #3

Instrument: HSGC#3

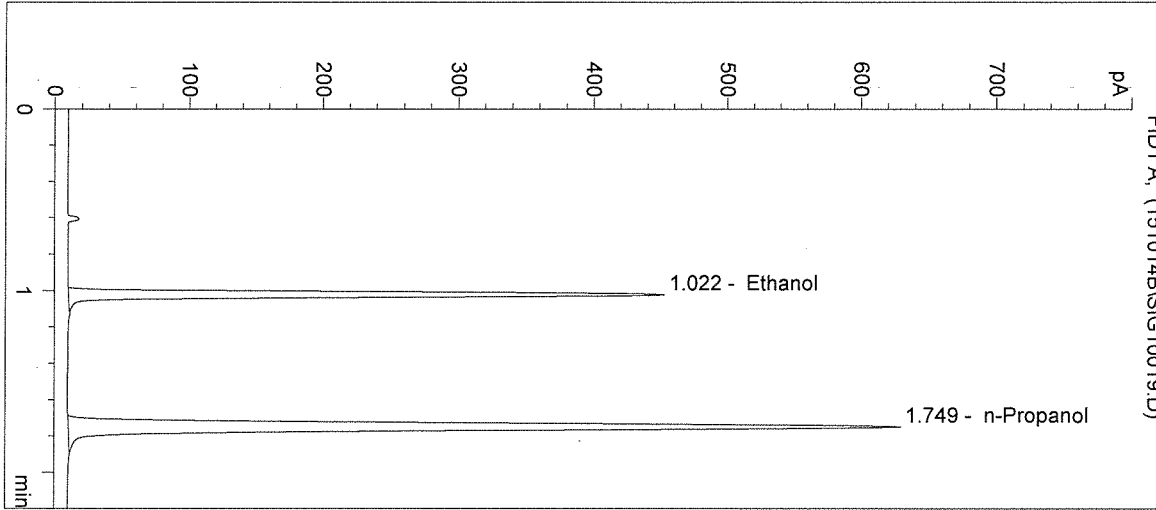
Operator: Brittany Thomas

Column: DB-ALC2

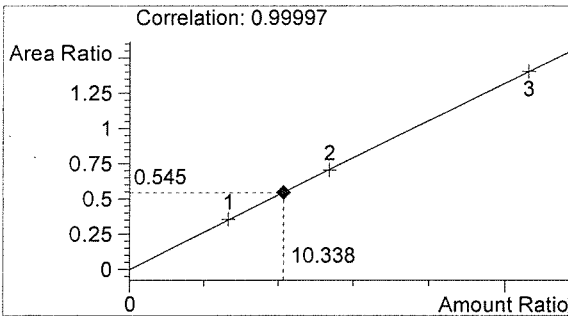
Location: Vial 19

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

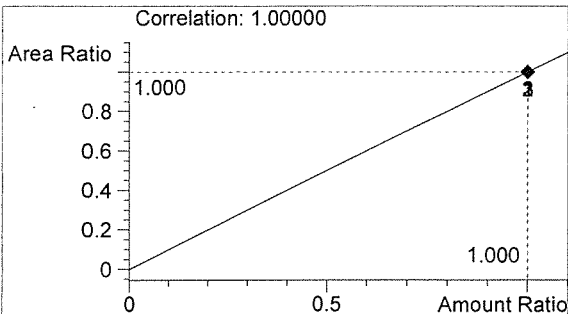
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	912	1.022
2	n-Propanol	1671	1.749



Ethanol 0.124 g/100mL



n-Propanol 0.012 g/100mL

*BT*

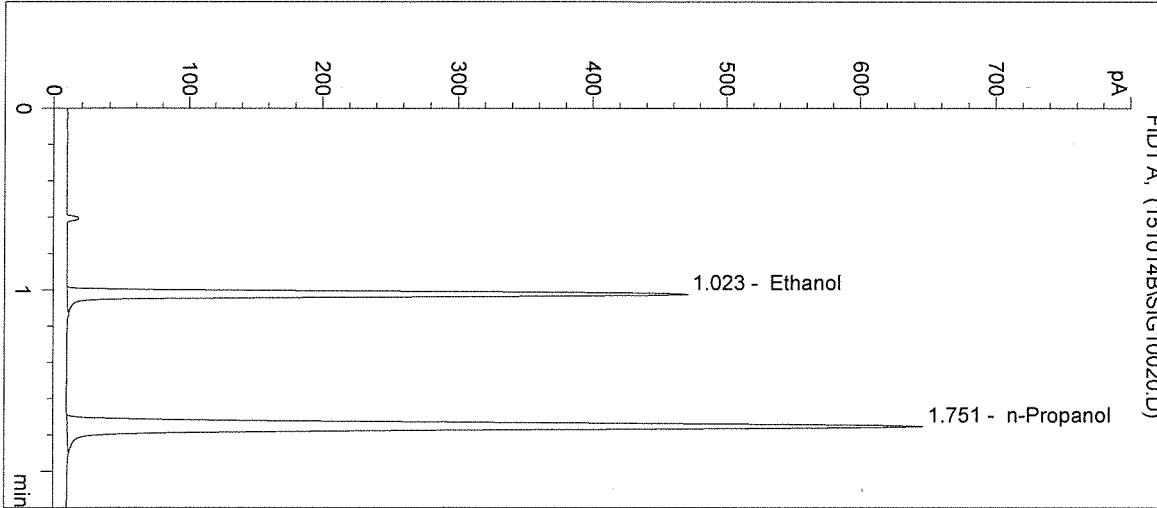
*BT*

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 2203 Airport Way S Seattle, WA 98134

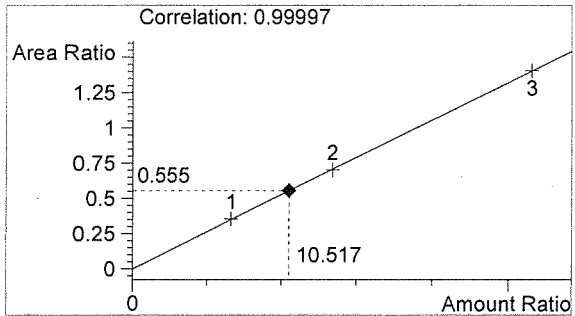
Inj. Date: 10/14/2015 2:09:54 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.10 15045 #4  
 Operator: Brittany Thomas  
 Location: Vial 20

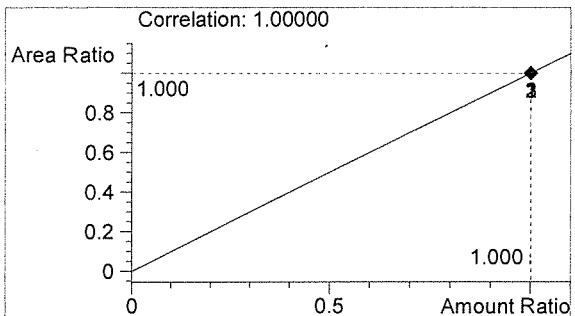
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	954	1.023
2	n-Propanol	1719	1.751



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

*BT*

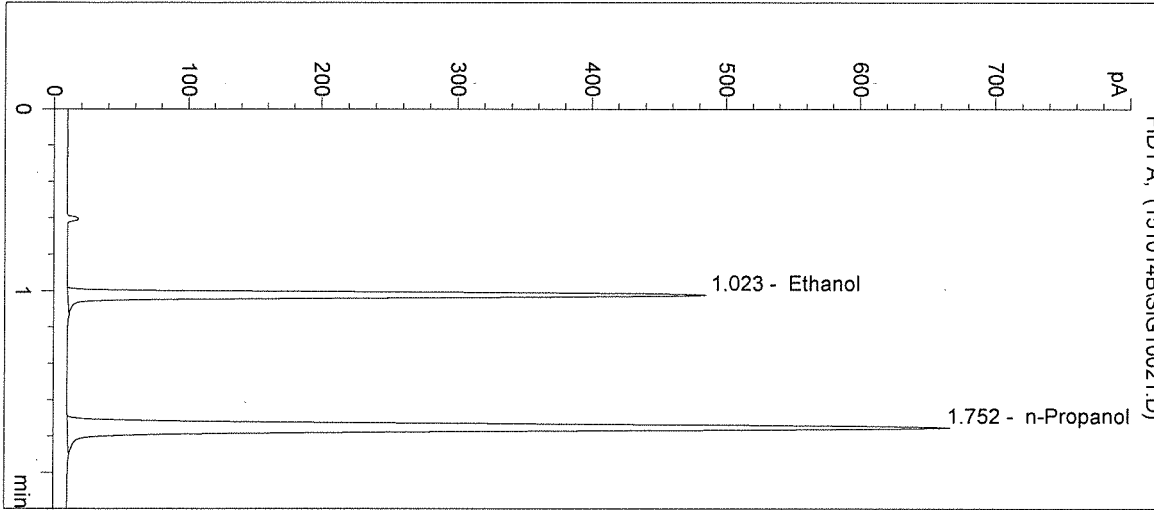
*BT*

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2203 Airport Way S Seattle, WA 98134

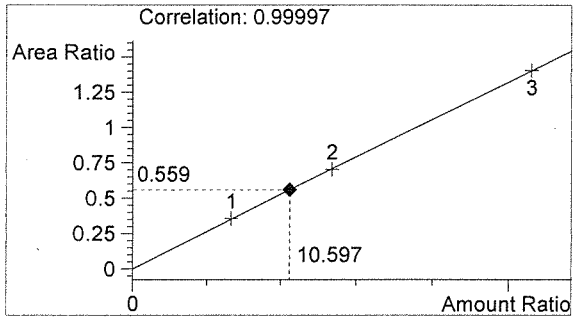
Inj. Date: 10/14/2015 2:13:07 PM  
Instrument: HSGC#3  
Column: DB-ALC2  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.10 15045 #5  
Operator: Brittany Thomas  
Location: Vial 21

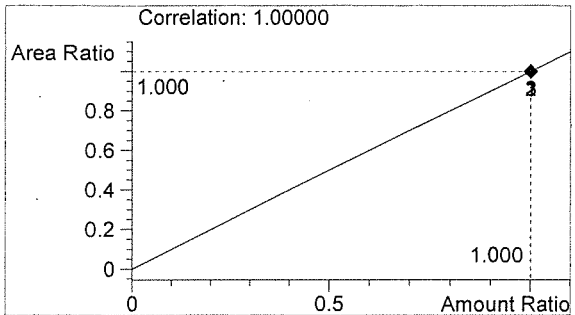
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	999	1.023
2	n-Propanol	1786	1.752



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

*BT*

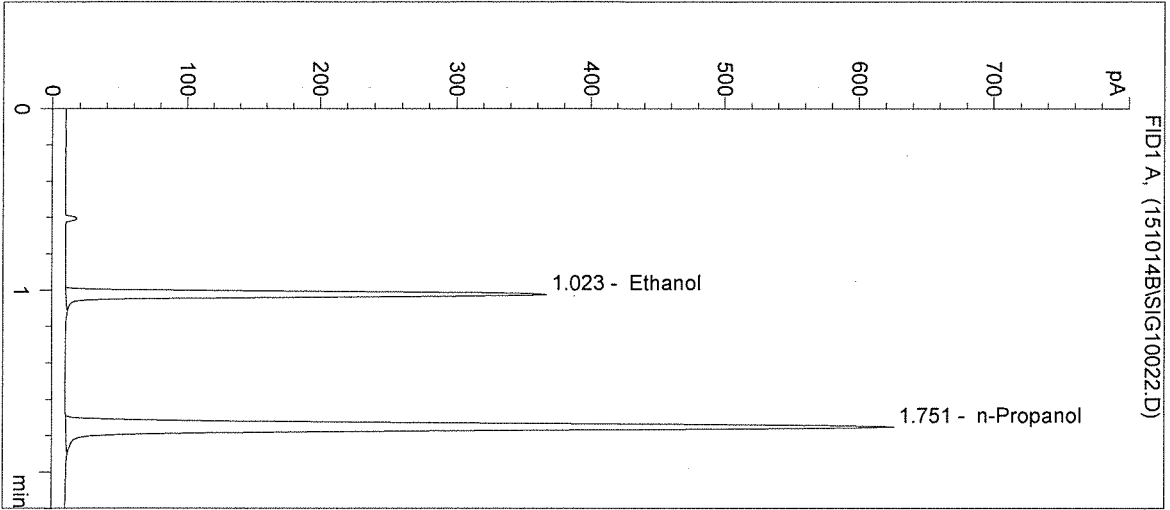
*BT*



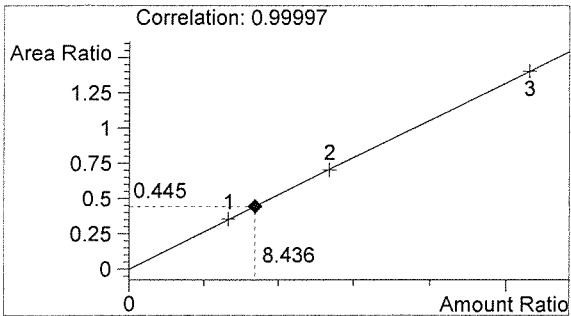
Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:16:20 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info: 15045

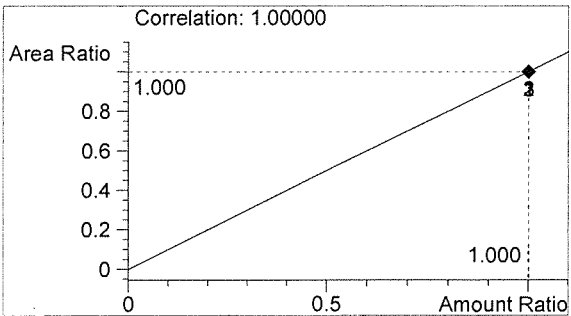
Sample Name: 0.10 CTRL-BT  
 Operator: Brittany Thomas  
 Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	744	1.023
2	n-Propanol	1671	1.751



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

*BT*

*BT*

Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/14/2015 2:19:34 PM

Sample Name: NEG CTRL-BT

Instrument: HSGC#3

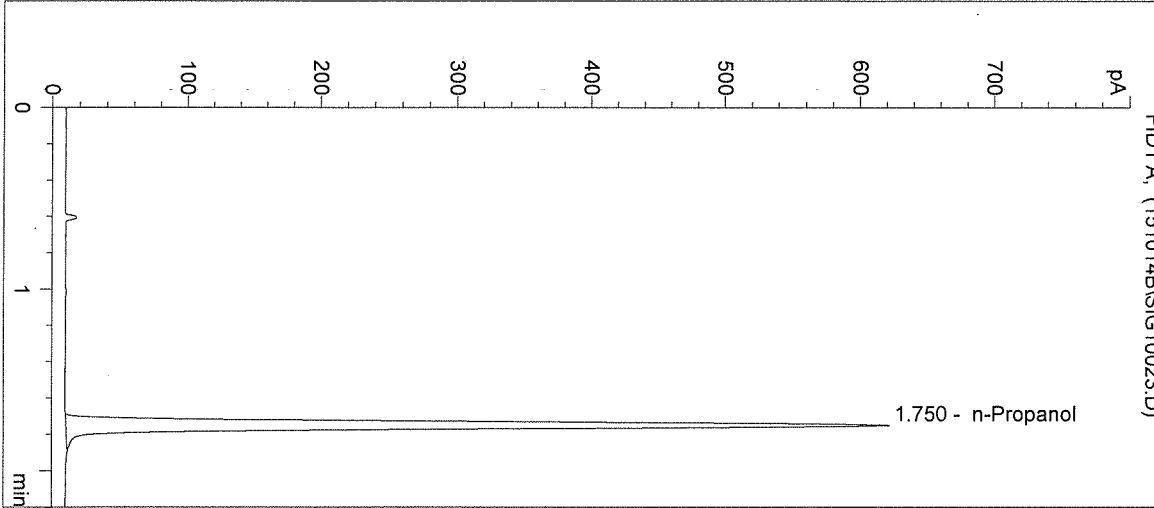
Operator: Brittany Thomas

Column: DB-ALC2

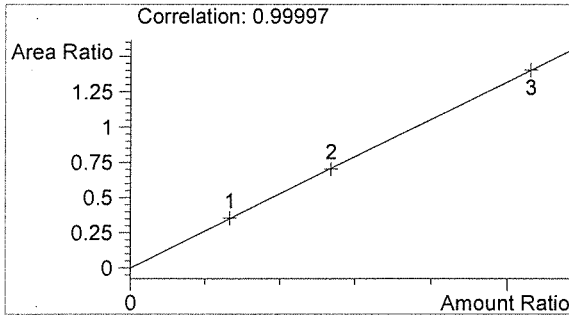
Location: Vial 23

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

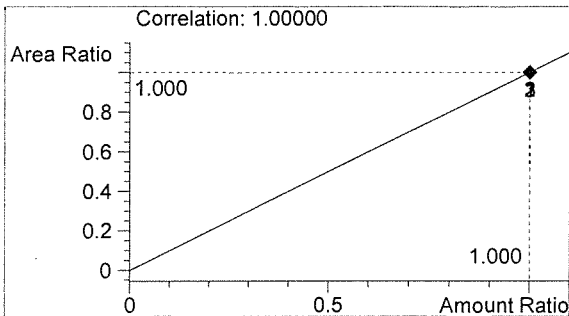
Sample Info: 15045



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1655	1.750



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

*BT*

*BT*

Sequence Parameters:

Operator: Lyndsey Lowe  
 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: 151020LL  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E0615-01 exp 12/02/2015  
 0.158 Cal 2 E0615-02 exp 12/02/2015  
 0.316 Cal 3 E0615-03 exp 12/02/2015  
  
 0.04 CTRL 1 FN05011301 exp 05/2018  
 0.10 CTRL 2 FN08051301 exp 10/2018  
 0.20 CTRL 3 FN03211401 exp 06/2019  
  
 ISTD P0915 exp 12/18/2015  
  
 Calibration filed in batch 15044

*\* Sequence stopped at vial 22  
 due to "Alarm: Tray Locked"  
 error. Sequence restarted from  
 Vial 22, see data path  
 151020LL2 u 10-21-15*

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	Cal 1 0.079	SIMALC3	1	Calib		
3	Vial 3	Cal 2 0.158	SIMALC3	1	Calib		
4	Vial 4	Cal 3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	CTRL 1- 0.04	SIMALC3	1	Ctrl Samp		
7	Vial 7	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
8	Vial 8	CTRL 3- 0.20	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	15044 #1	SIMALC3	1	Sample		
11	Vial 11	15044 #2	SIMALC3	1	Sample		
12	Vial 12	15044 #3	SIMALC3	1	Sample		
13	Vial 13	15044 #4	SIMALC3	1	Sample		
14	Vial 14	15044 #5	SIMALC3	1	Sample		
15	Vial 15	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15045 #1	SIMALC3	1	Sample		
18	Vial 18	15045 #2	SIMALC3	1	Sample		
19	Vial 19	15045 #3	SIMALC3	1	Sample		
20	Vial 20	15045 #4	SIMALC3	1	Sample		
21	Vial 21	15045 #5	SIMALC3	1	Sample		
22	Vial 22	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15046 #1	SIMALC3	1	Sample		

*15045  
 Init 12/15*

*u*

*u*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15046 #2	SIMALC3	1	Sample		
26	Vial 26	15046 #3	SIMALC3	1	Sample		
27	Vial 27	15046 #4	SIMALC3	1	Sample		
28	Vial 28	15046 #5	SIMALC3	1	Sample		
29	Vial 29	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	15047 #1	SIMALC3	1	Sample		
32	Vial 32	15047 #2	SIMALC3	1	Sample		
33	Vial 33	15047 #3	SIMALC3	1	Sample		
34	Vial 34	15047 #4	SIMALC3	1	Sample		
35	Vial 35	15047 #5	SIMALC3	1	Sample		
36	Vial 36	CTRL 2- 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	Cal 1 0.079	SIMALC3	1	Replace		Replace		
3	Vial 3	Cal 2 0.158	SIMALC3	2	Replace		Replace		
4	Vial 4	Cal 3 0.316	SIMALC3	3	Replace		Replace		

Sequence Table (Back Injector):

No entries - empty table!

15045

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*W*

*W*

Sequence Parameters:

Operator: Lyndsey Lowe  
 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: 151020L2  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E0615-01 exp 12/02/2015  
 0.158 Cal 2 E0615-02 exp 12/02/2015  
 0.316 Cal 3 E0615-03 exp 12/02/2015  
  
 0.04 CTRL 1 FN05011301 exp 05/2018  
 0.10 CTRL 2 FN08051301 exp 10/2018  
 0.20 CTRL 3 FN03211401 exp 06/2019  
  
 ISTD P0915 exp 12/18/2015  
 Calibration filed in batch 15044

*\* Restarted sequence from 10-2015.  
 One valve out for 15046 and  
 15047 due to chromatography  
 file reinjection data path.  
 151021 U. Ben sets of 15046  
 and 15047 realign/rotate  
 due to poor chromatography  
 even though reinjection act  
 u 10-21-15*

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 22	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
2	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
3	Vial 24	15046 #1	SIMALC3	1	Sample		
4	Vial 25	15046 #2	SIMALC3	1	Sample		
5	Vial 26	15046 #3	SIMALC3	1	Sample		
6	Vial 27	15046 #4	SIMALC3	1	Sample		
7	Vial 28	15046 #5	SIMALC3	1	Sample		
8	Vial 29	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
9	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 31	15047 #1	SIMALC3	1	Sample		
11	Vial 32	15047 #2	SIMALC3	1	Sample		
12	Vial 33	15047 #3	SIMALC3	1	Sample		
13	Vial 34	15047 #4	SIMALC3	1	Sample		
14	Vial 35	15047 #5	SIMALC3	1	Sample		
15	Vial 36	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
16	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

*15045  
 10/21/15*

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
------	----------	------------	--------	--------	--------	----	--------	----	----------

Sequence: C:\HPCHEM\2\SEQUENCE\LLQAP2.S

Sequence Table (Back Injector):

No entries - empty table!

15045

*Probalis*

*W*

*W*

Sequence Parameters:

Operator: Lyndsey Lowe  
 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: 151021LL  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E0615-01 exp 12/02/2015  
 0.158 Cal 2 E0615-02 exp 12/02/2015  
 0.316 Cal 3 E0615-03 exp 12/02/2015  
  
 0.04 CTRL 1 FN05011301 exp 05/2018  
 0.10 CTRL 2 FN08051301 exp 10/2018  
 0.20 CTRL 3 FN03211401 exp 06/2019  
  
 ISTD P0915 exp 12/18/2015  
  
 Calibration filed in batch 15044

*Reinjection of samples and  
 CTR with back Chromatogram  
 both sets of 15046 and 15047  
 reanalyzed on 10-21-15  
 W 10-21-15*

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
2	Vial 2	NEG CTRL	SIMALC3	1	Ctrl Samp		
3	Vial 3	15046 #2ri	SIMALC3	1	Sample		
4	Vial 4	CTRL 2- 0.10ri	SIMALC3	1	Ctrl Samp		
5	Vial 5	NEG CTRL	SIMALC3	1	Ctrl Samp		
6	Vial 6	15047 #5ri	SIMALC3	1	Sample		
7	Vial 7	CTRL 2- 0.10	SIMALC3	1	Ctrl Samp		
8	Vial 8	NEG CTRL	SIMALC3	1	Ctrl Samp		

*15045  
 In 10/27/15  
 W*

Calibration Part:

Line	Location	SampleName	Method	Callev	Update	RF	Update	RT	Interval
====	=====	=====	=====	=====	=====	=====	=====	=====	=====

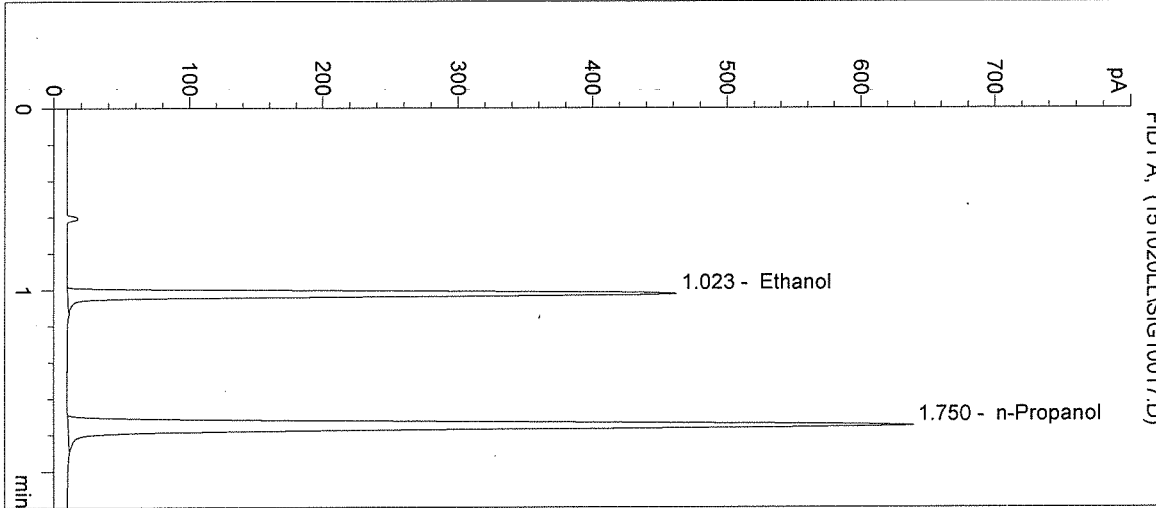
Sequence Table (Back Injector):

No entries - empty table!

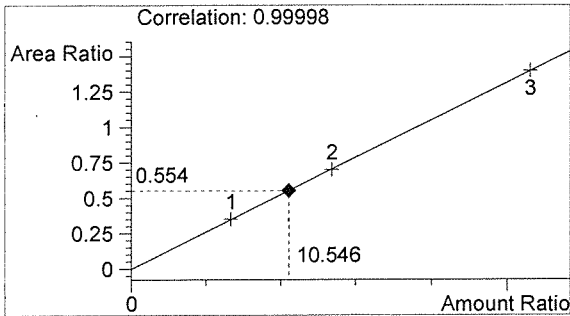
*W*

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2203 Airport Way S Seattle, WA 98134

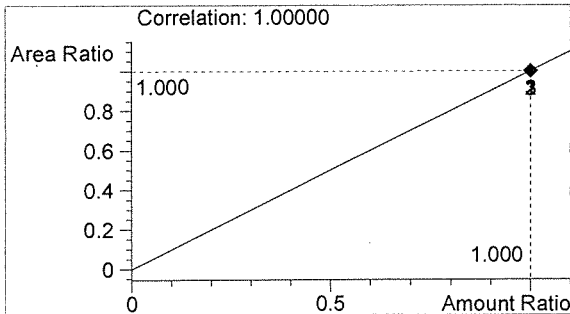
Inj. Date: 10/20/2015 12:53:44 PM      Sample Name: 15045 #1  
Instrument: HSGC#3      Operator: Lyndsey Lowe  
Column: DB-ALC2      Location: Vial 17  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	944	1.023
2	n-Propanol	1704	1.750



Ethanol      0.127 g/100mL



n-Propanol      0.012 g/100mL

*Handwritten signature*

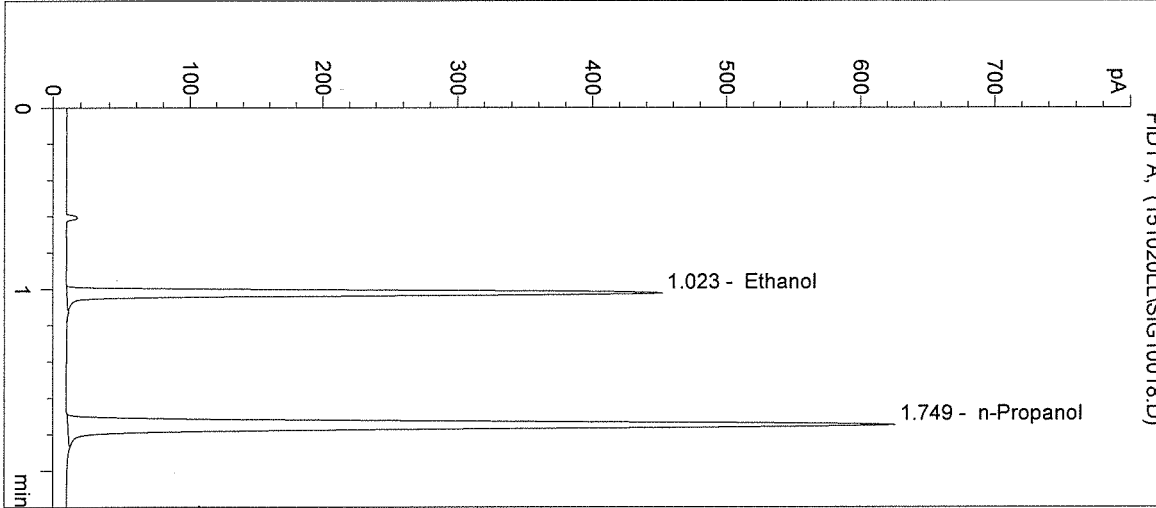
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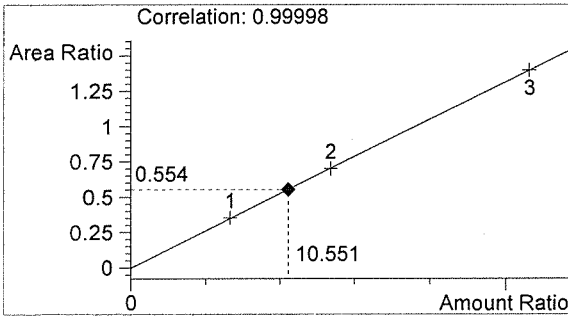
Washington State Patrol Toxicology Laboratory  
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/20/2015 12:56:57 PM      Sample Name: 15045 #2  
 Instrument: HSGC#3      Operator: Lyndsey Lowe  
 Column: DB-ALC2      Location: Vial 18  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

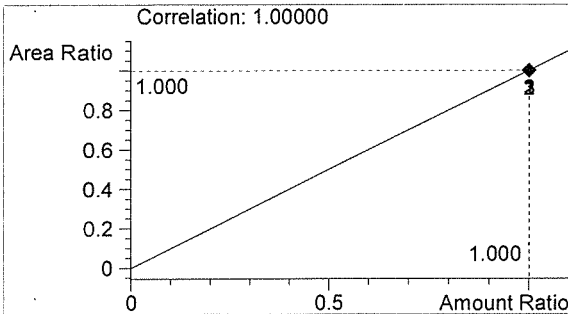
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	920	1.023
2	n-Propanol	1660	1.749



Ethanol      0.127 g/100mL

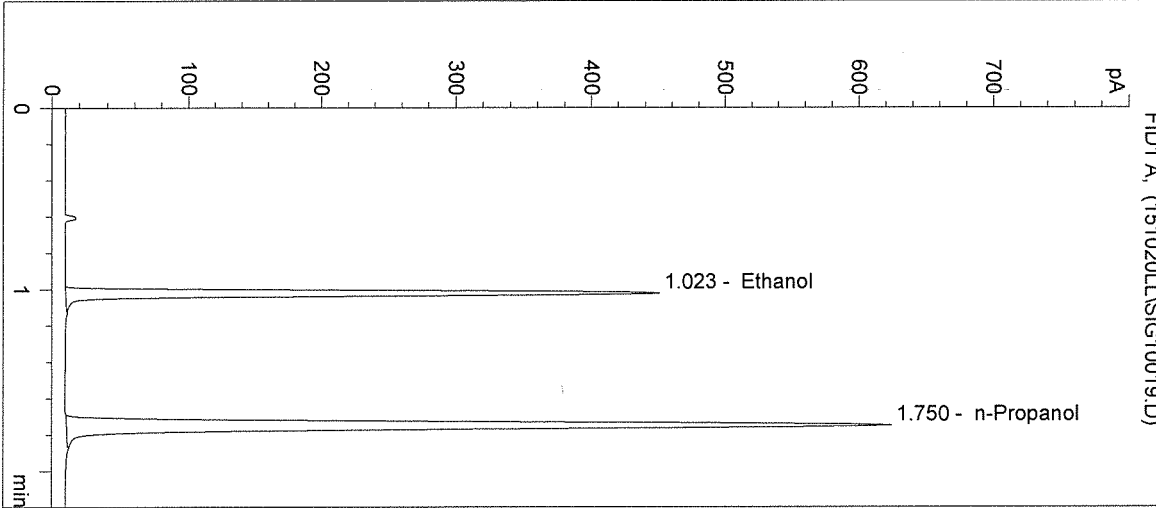


n-Propanol      0.012 g/100mL

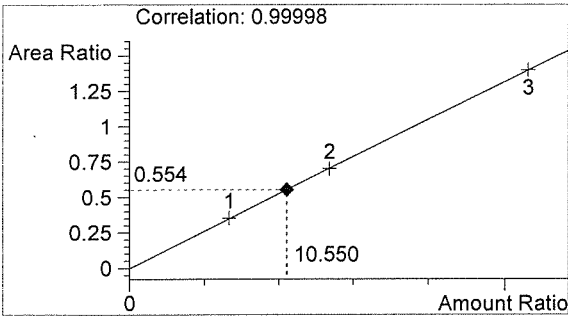
*fu*

*u*

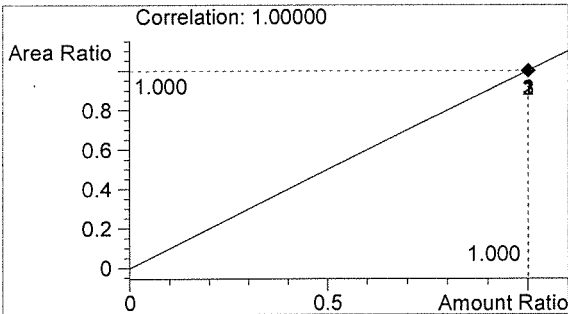
Inj. Date: 10/20/2015 1:00:11 PM      Sample Name: 15045 #3  
Instrument: HSGC#3      Operator: Lyndsey Lowe  
Column: DB-ALC2      Location: Vial 19  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	917	1.023
2	n-Propanol	1654	1.750



Ethanol      0.127 g/100mL



n-Propanol      0.012 g/100mL

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Inj. Date: 10/20/2015 1:03:24 PM

Sample Name: 15045 #4

Instrument: HSGC#3

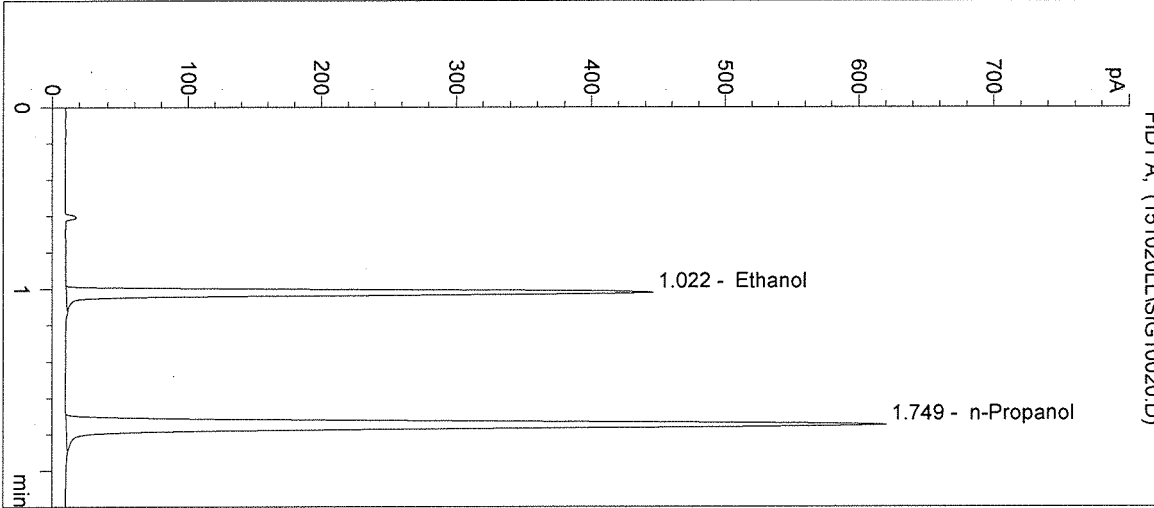
Operator: Lyndsey Lowe

Column: DB-ALC2

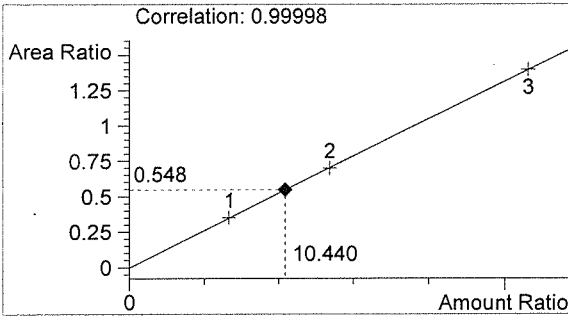
Location: Vial 20

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

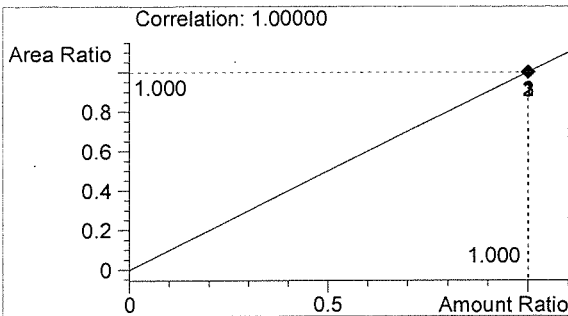
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	906	1.022
2	n-Propanol	1653	1.749



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*fr*

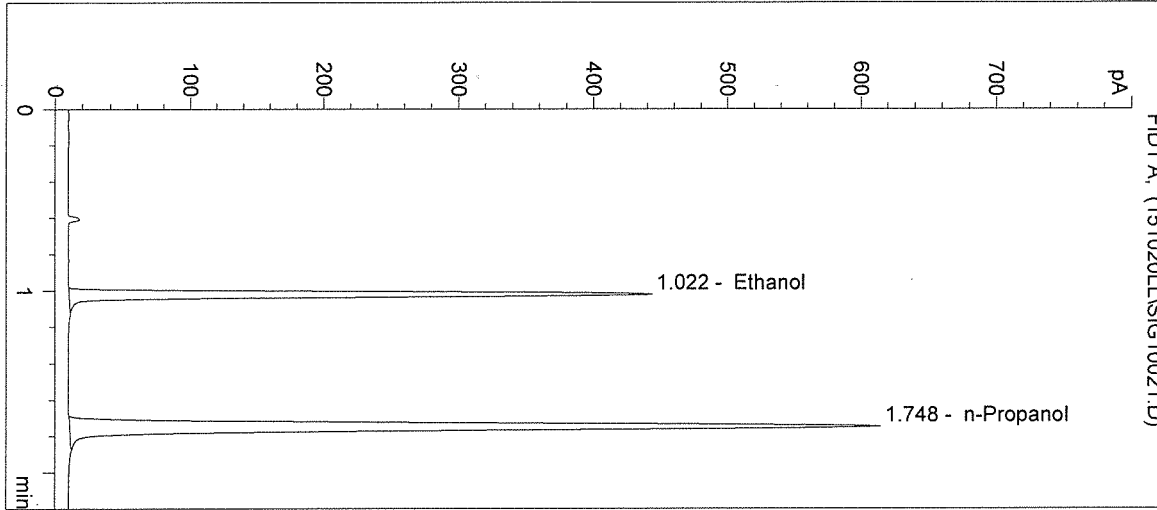
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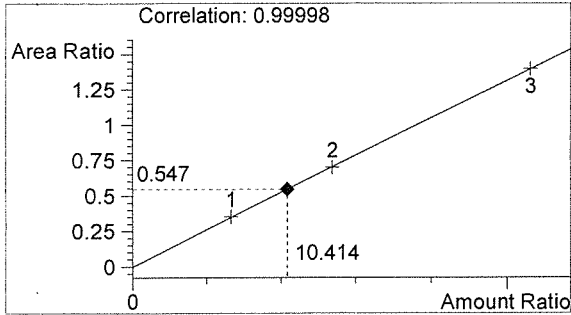
Inj. Date: 10/20/2015 1:06:38 PM  
 Instrument: HSGC#3  
 Column: DB-ALC2  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: 15045 #5  
 Operator: Lyndsey Lowe  
 Location: Vial 21

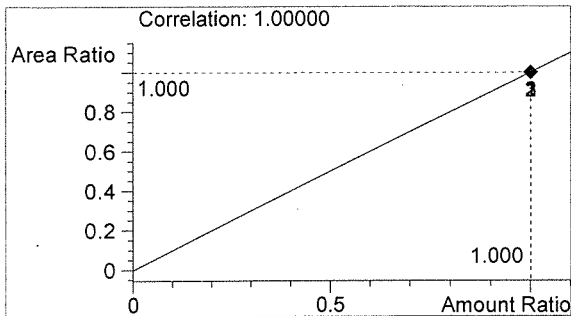
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	891	1.022
2	n-Propanol	1629	1.748



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten signatures/initials*

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Inj. Date: 10/21/2015 7:15:43 AM

Sample Name: CTRL 2- 0.10

Instrument: HSGC#3

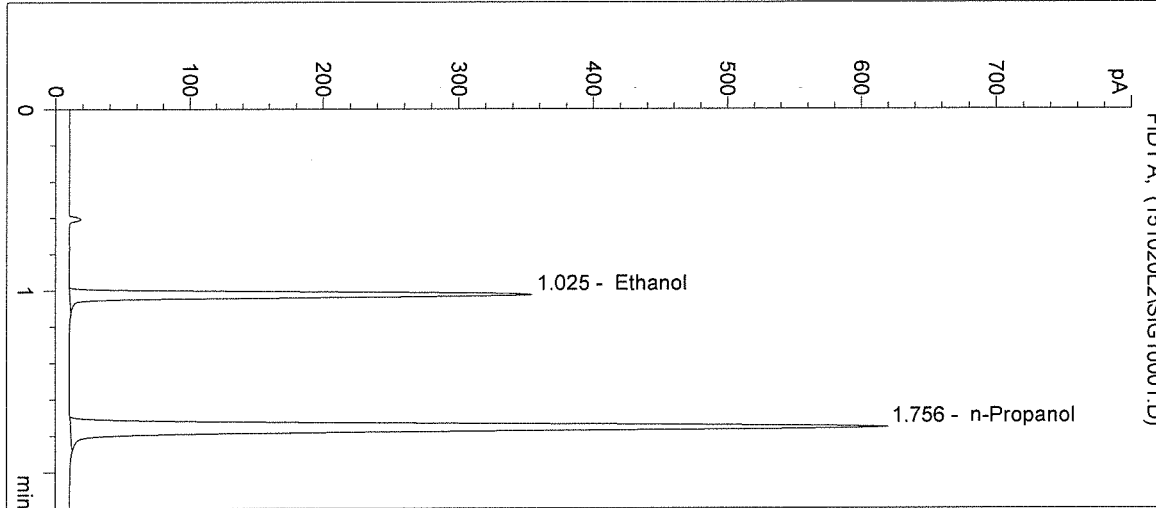
Operator: Lyndsey Lowe

Column: DB-ALC2

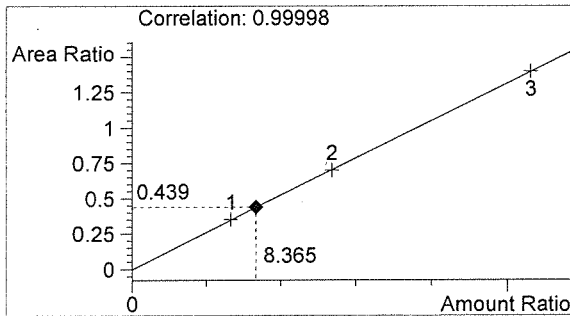
Location: Vial 22

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

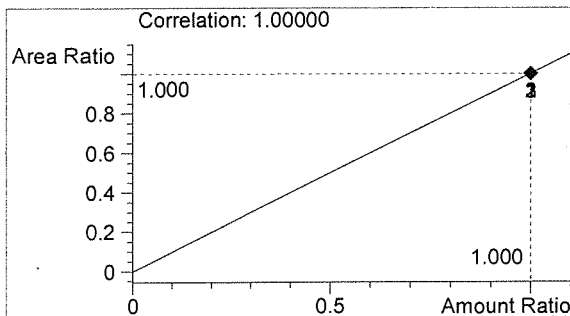
Sample Info: 15045



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.025
2	n-Propanol	1651	1.756



Ethanol 0.100 g/100mL



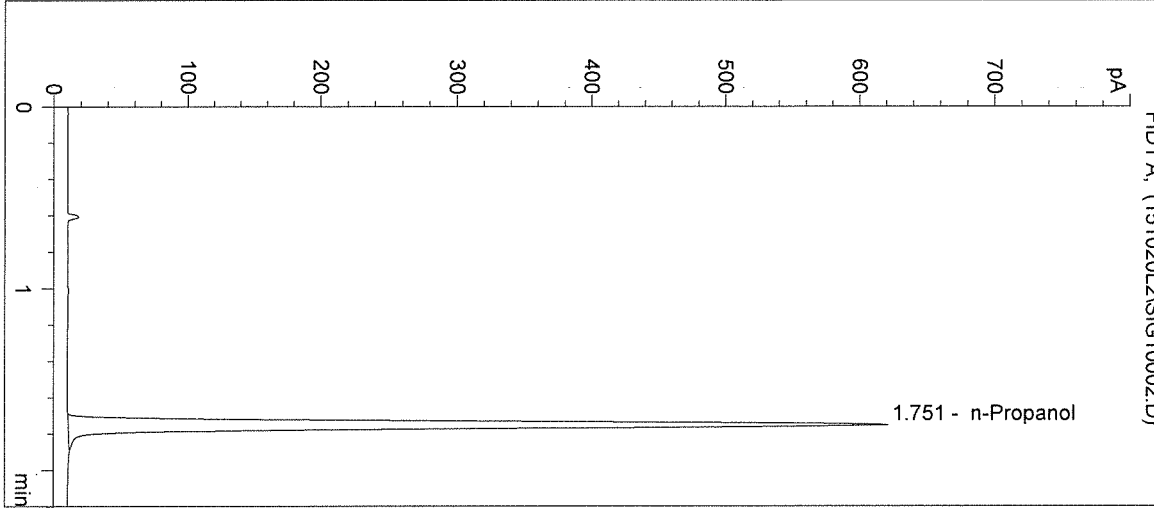
n-Propanol 0.012 g/100mL

*Handwritten signature*

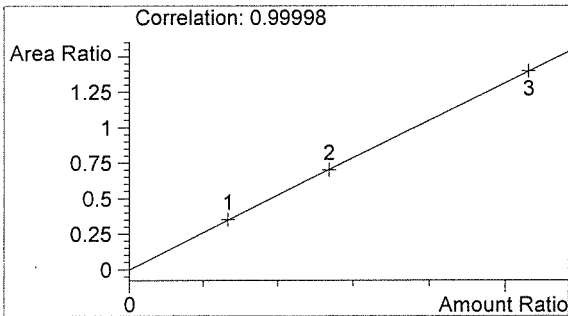
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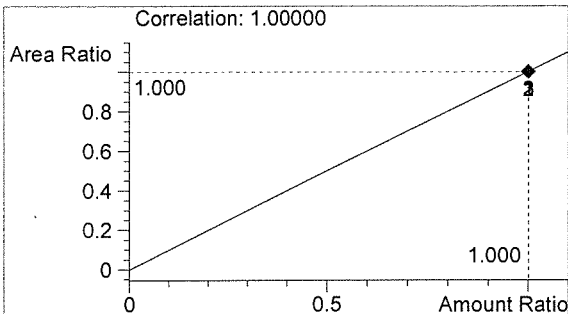
Inj. Date: 10/21/2015 7:19:02 AM      Sample Name: NEG CTRL  
Instrument: HSGC#3      Operator: Lyndsey Lowe  
Column: DB-ALC2      Location: Vial 23  
Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
Sample Info: 15045



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1651	1.751



Ethanol      0.000 g/100mL



n-Propanol      0.012 g/100mL

*fr*

*w*