



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 15030

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: 06/16/2015
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Brittany Thomas

	BT	JLK	EW
1	0.188	0.186	0.187
2	0.190	0.185	0.187
3	0.190	0.186	0.186
4	0.188	0.186	0.186
5	0.190	0.186	0.186
C	0.103	0.100	0.101

ETHANOL CONTROL INFORMATION

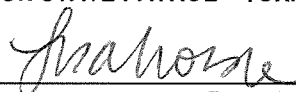
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1871 g/100mL PRECISION CV (%): 0.90
STANDARD DEVIATION: 0.00168 NUMBER OF TESTS: 15

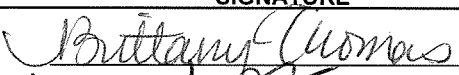

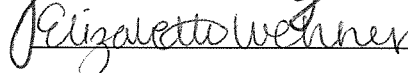
EQUIVALENT VAPOR CONCENTRATION: **0.1521 g/210L**
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Lisa Noble Forensic Scientist Supervisor

7/7/15
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:			
ANALYST	NAME	SIGNATURE	DATE TESTED
BT	Brittany Thomas		06/16/2015
JLK	Justin L. Knoy		06/19/2015
EW	Elizabeth Wehner		06/23/2015

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

QAP Solution Batch #: 15030

Date Prepared: 6/16/2015

Analyst:	BT	JLK	EW
Date Tested:	6/16/2015	6/19/2015	6/23/2015
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.188	0.186	0.187
2	0.190	0.185	0.187
3	0.190	0.186	0.186
4	0.188	0.186	0.186
5	0.190	0.186	0.186
C	0.103	0.100	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000054030	0.0000757445	0.0001016326

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

Average Solution Concentration: 0.1871 g/100mL
Standard Deviation: 0.00168 g/100mL
Precision CV (%): 0.90
Equivalent Vapor Concentration: 0.1521 g/210L
Combined Standard Uncertainty (\pm): 0.0021 g/210L
Expanded Uncertainty (\pm): 0.0042 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 7/2/15
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 7-7-15
Name Signature Date

Method: Hand calculation

Tech. review performed by: Lisa Noble [Signature] 7/2/15
Name Signature Date

[Signature]

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 7-7-15

Location: WSP-FLSB Seattle, WA Solution Batch Number: 15030

	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: 7-7-15



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		
Brittany Thomas	BT	7/2/15
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner	EW	07/02/15
Justin Knoy	JK	7-2-15
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 15030 for 7/2/15



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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15030**

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 15030, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. 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 6/16/2016.

Seattle, WA

 7/2/15

Brittany Thomas
Forensic Scientist

Date

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15030**

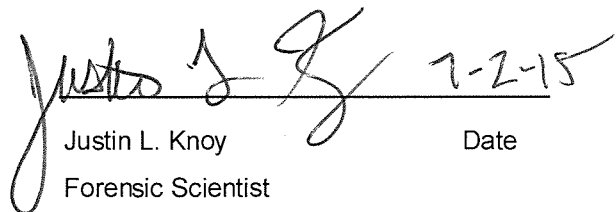
I, Justin L. Knoy, do certify under penalty of perjury that:

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 MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 15030, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. 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 6/16/2016.

Seattle, WA


Justin L. Knoy 7-2-15
Forensic Scientist Date

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 15030**

I, Elizabeth Wehner, 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 Biochemistry.

The quality assurance procedure (QAP) solution, Lot Number 15030, was prepared in the Washington State Toxicology Laboratory on 6/16/2015. 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 6/16/2016.

Seattle, WA

Elizabeth Wehner 07/02/15

Elizabeth Wehner

Date

Forensic Scientist



Noble, Lisa (WSP)

From: Noble, Lisa (WSP)
Sent: Tuesday, July 07, 2015 12:21 PM
To: VanDiest, Jim (WSP); O'Brien, Pam (WSP); Birman, Cameron (WSP); McKee, Jon (WSP); Moberg, Tom (WSP); Madsen, Shane (WSP); Cramer, Ruth (WSP); Bogen, Bill (WSP); Havenner Jr, Albert (WSP); Sterkel, Mel (WSP)
Cc: Villanti, Brandon (WSP); Mosley, Lisa (WSP)
Subject: QAP solutions 15028, 15029 and 15030

Hello technicians,
There are three QAP solutions that are being approved today. Upon review, it was noticed that part of the units is missing from the label. Instead of saying, for example, 0.04 g/210L, it just says 0.04/210L (gram designation is missing). The batch number, concentration (15028 is a 0.04, 15029 is a 0.08 and 15030 is a 0.15), preparer, preparation and expiration dates are still on the label as usual.

You will find the correct units for each solution on the test report that accompanies these batches, should you happen to receive any. Rather than re-label all the bottles, we are sending you this email notification so that you are aware of the typographical error on the labels.

Please let me know if you have any questions.
Thanks,

Lisa Noble
Forensic Scientist Supervisor
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Suite 360
Seattle, WA 98134
Phone: 206-262-6100
Fax: 206-262-6145

15030
for 7/7/15

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

Preparation Date: 6/16/15 Expiration Date: 6/16/16 Initials of Preparer: BTLot # of 200-proof Ethanol used in preparation: 2DC0208Date the 200-proof Ethanol bottle was opened: 6/16/15

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 type="checkbox"/>	_____
QAP 0.08	22.4	18	<input type="checkbox"/>	_____
QAP 0.10	28.1	18	<input type="checkbox"/>	_____
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>15630</u>
QAP 0.20	56.1	18	<input type="checkbox"/>	_____
ESS	66.5	52	<input type="checkbox"/>	_____

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

Date

6/16/15

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:

Analyst Signature

Brittany Turner

Date

6/16/15

Sequence: C:\HPCHEM\1\SEQUENCE\BTOAP3.S

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: 150616BT

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# B0615-01 - EXP 6/16/2015
CAL 2 (0.158g/100mL) - LOT# B0615-02 - EXP 6/16/2015
CAL 3 (0.316g/100mL) - LOT# B0615-03 - EXP 6/16/2015
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
n-Propanol 1STD - LOT# P0615 - 09/04/2015

BT 6/16/15
CAL 1-3 exp 12/2/15
BT 6/16/15
located in 15028 folder.

Sequence Table (Front Injector):

Method and Injection Info Part:

Table with columns: Line Location, SampleName, Method, Inj, SampleType, InjVolume, DataFile. Contains 28 rows of injection data including BLANK, CAL, CTRL, and sample injections.

Handwritten initials 'sh' in the right margin.

BT

Sequence: C:\HPCHEM\1\SEQUENCE\BTOAP3.S

Table with columns: Line Location, SampleName, Method, Inj, SampleType, InjVolume, DataFile. Contains 2 rows of injection data.

Calibration Part:

Table with columns: Line Location, SampleName, Method, Callev, Update, RF, Update, RT, Interval. Contains 4 rows of calibration data.

Sequence Table (Back Injector):

No entries - empty table!

Handwritten numbers '15030' and date '6/21/15' in the right margin.

BT

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

Inj. Date: 6/16/2015 11:55:38 AM

Sample Name: QAP0.15 15030 #1

Instrument: HSGC#3

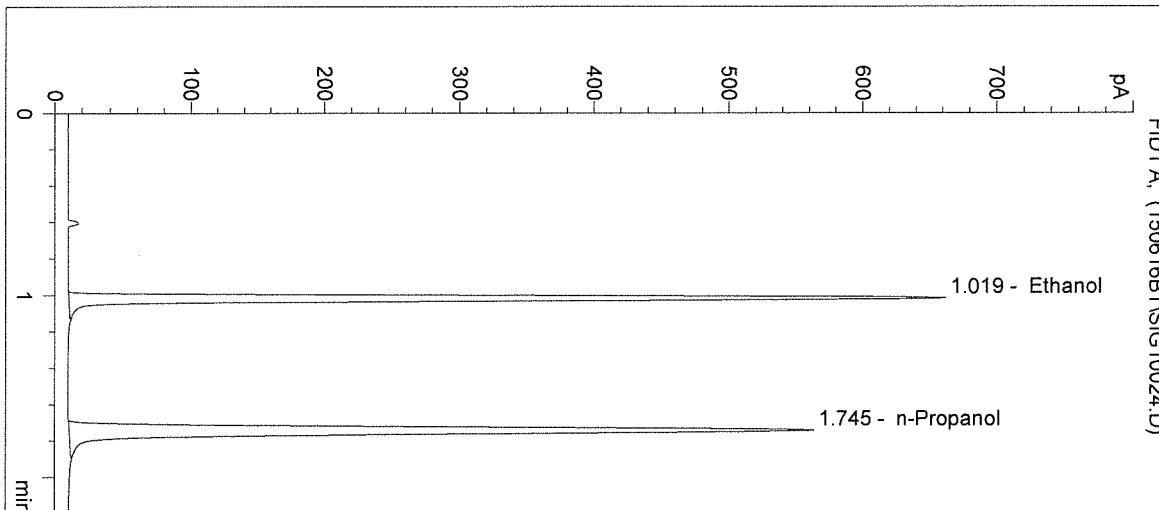
Operator: Brittany Thomas

Column: DB-ALC2

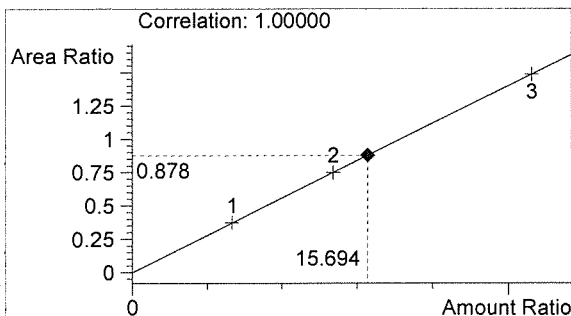
Location: Vial 24

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

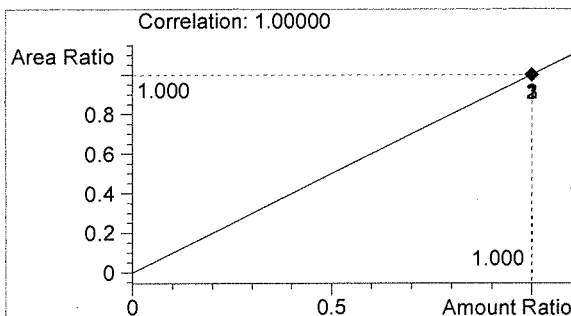
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1299	1.019
2	n-Propanol	1478	1.745



Ethanol 0.188 g/100mL



n-Propanol 0.012 g/100mL

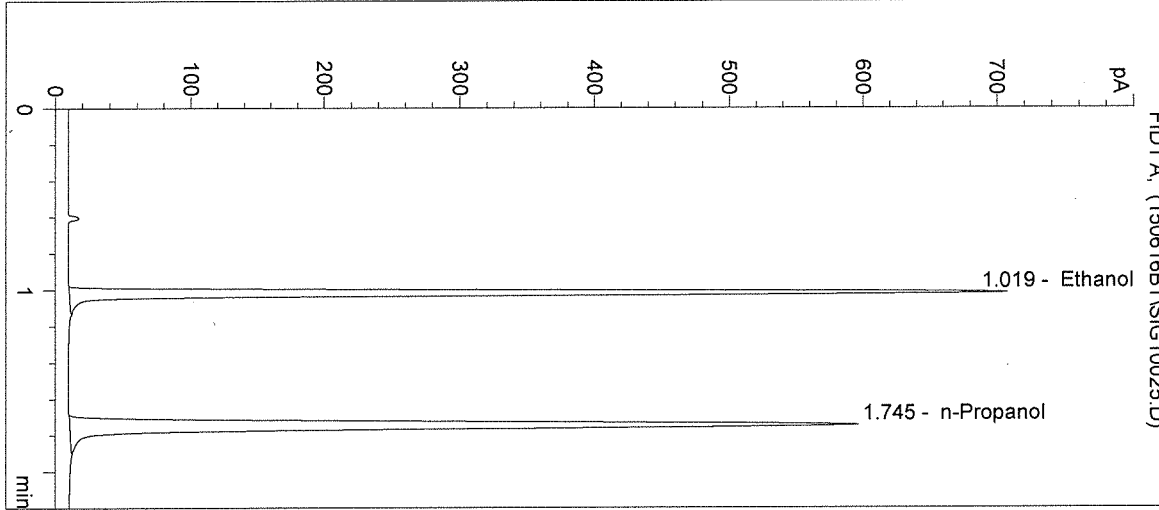
BT

BT

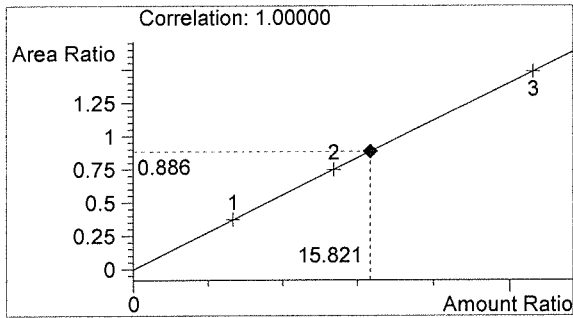
Inj. Date: 6/16/2015 11:58:51 AM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.15 15030 #2
 Operator: Brittany Thomas
 Location: Vial 25

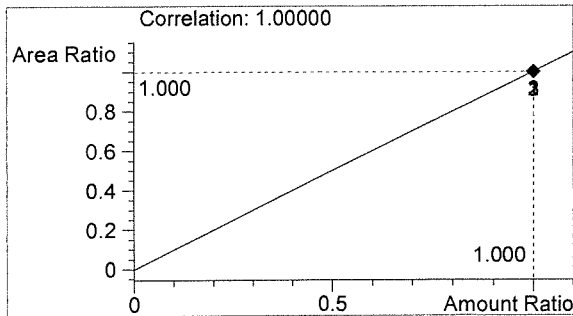
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1382	1.019
2	n-Propanol	1561	1.745



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

20

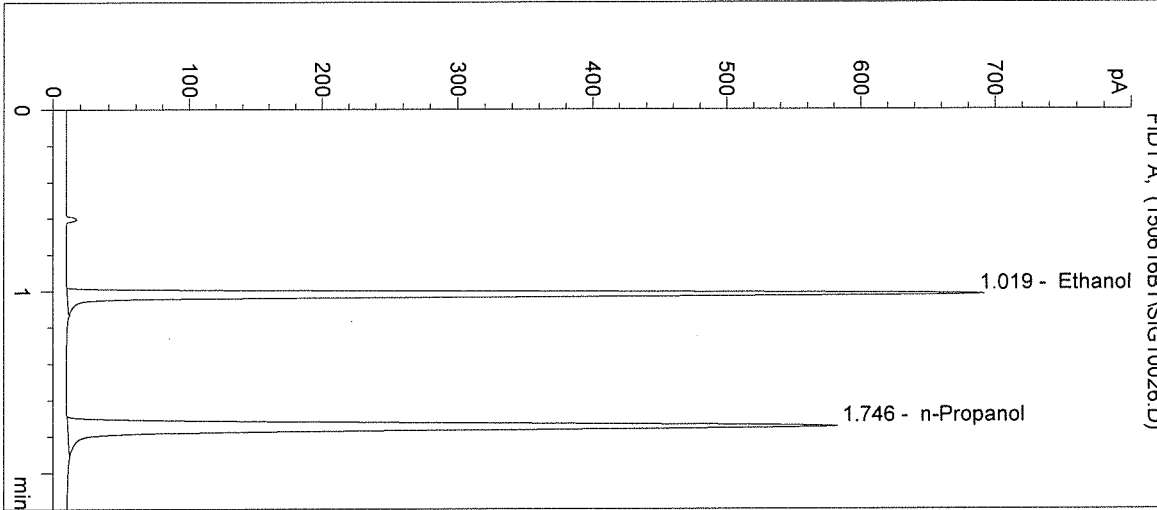
BT

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 2203 Airport Way S Seattle, WA 98134

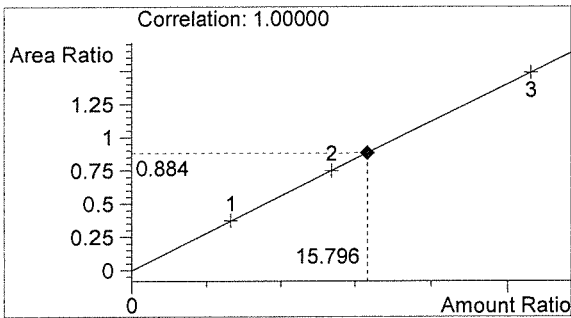
Inj. Date: 6/16/2015 12:02:04 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.15 15030 #3
 Operator: Brittany Thomas
 Location: Vial 26

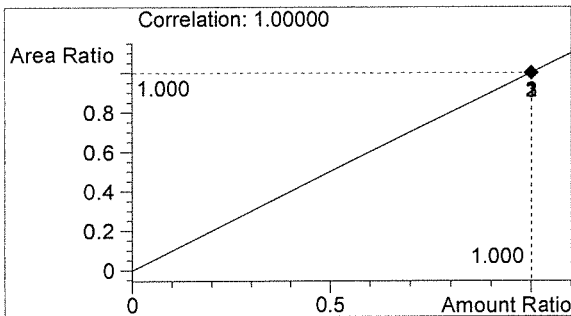
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.019
2	n-Propanol	1525	1.746



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

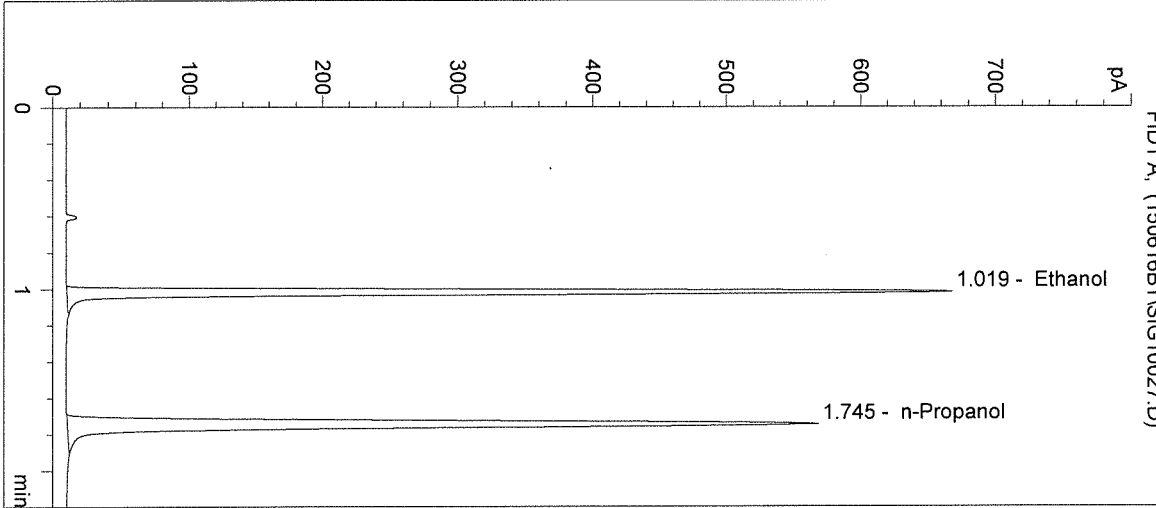
BT

BT

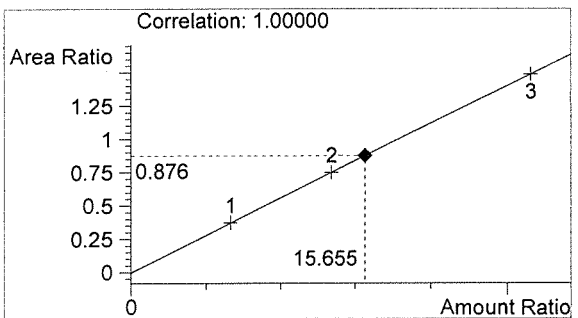
Inj. Date: 6/16/2015 12:05:18 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.15 15030 #4
 Operator: Brittany Thomas
 Location: Vial 27

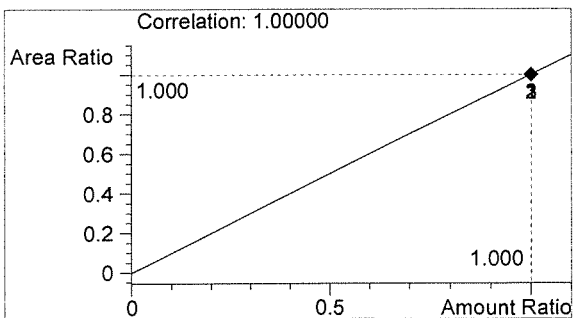
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1303	1.019
2	n-Propanol	1487	1.745



Ethanol 0.188 g/100mL



n-Propanol 0.012 g/100mL

BT

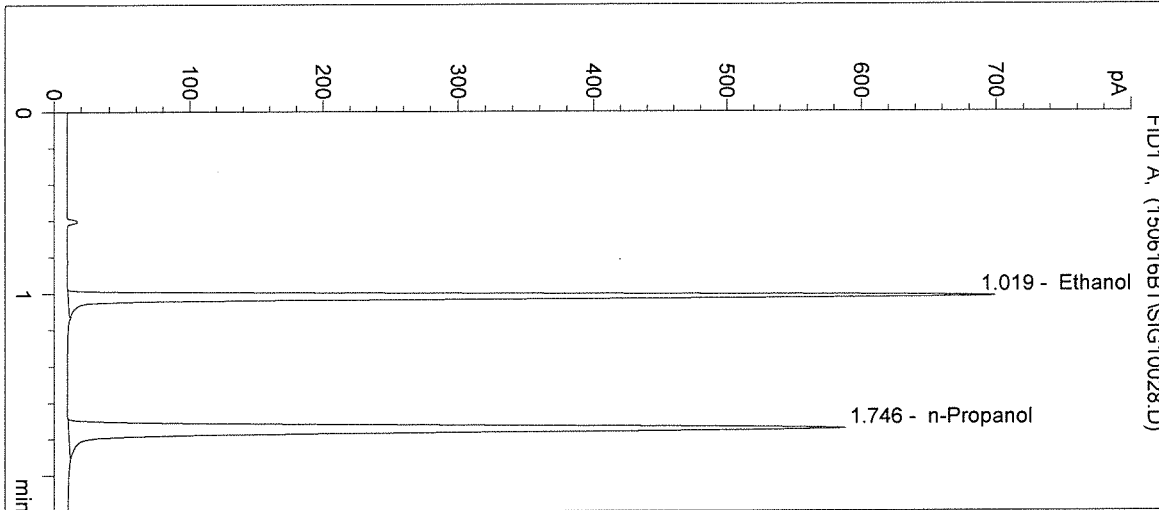
BT

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

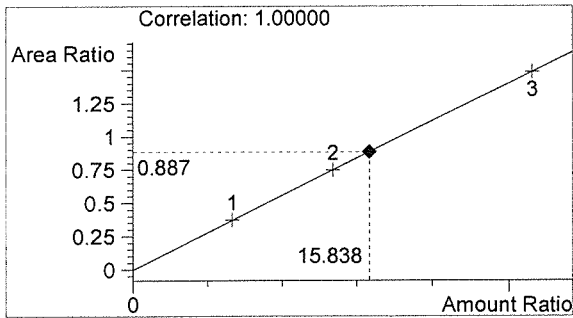
Inj. Date: 6/16/2015 12:08:32 PM
 Instrument: HSGC#3
 Column: DB-ALC2
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Name: QAP0.15 15030 #5
 Operator: Brittany Thomas
 Location: Vial 28

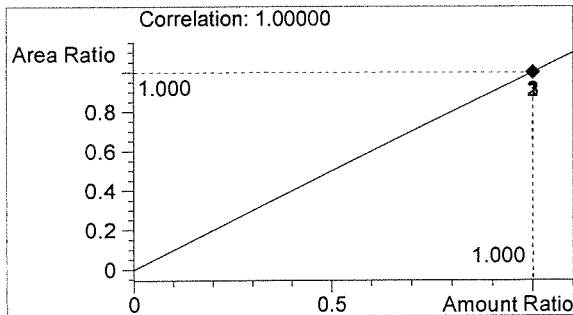
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1365	1.019
2	n-Propanol	1539	1.746



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

BT

BT

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

Inj. Date: 6/16/2015 12:11:46 PM

Sample Name: 0.10 CTRL-BT

Instrument: HSGC#3

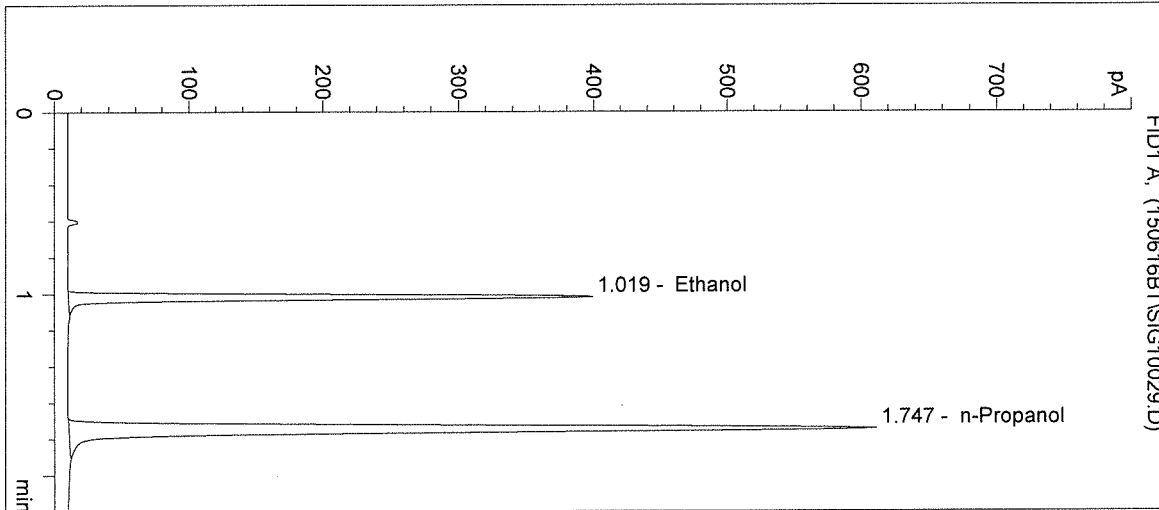
Operator: Brittany Thomas

Column: DB-ALC2

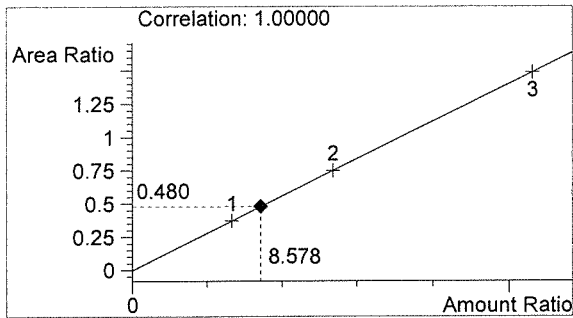
Location: Vial 29

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

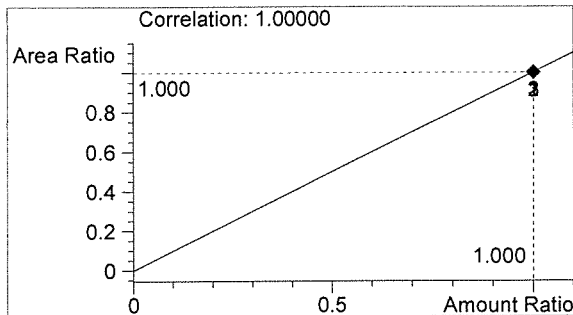
Sample Info: 15030



#	Compound	Peak Area	RT (min)
1	Ethanol	771	1.019
2	n-Propanol	1605	1.747



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

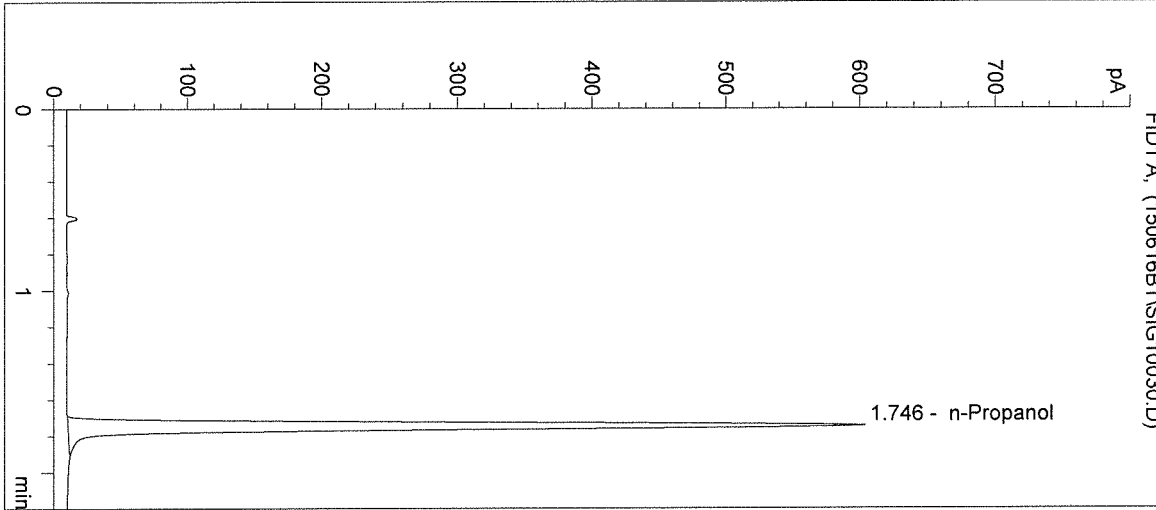
BT

BT

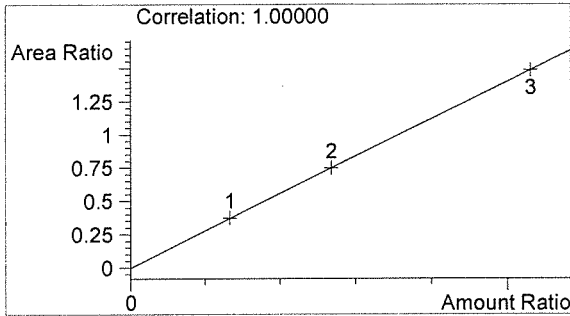
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/16/2015 12:14:58 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15030

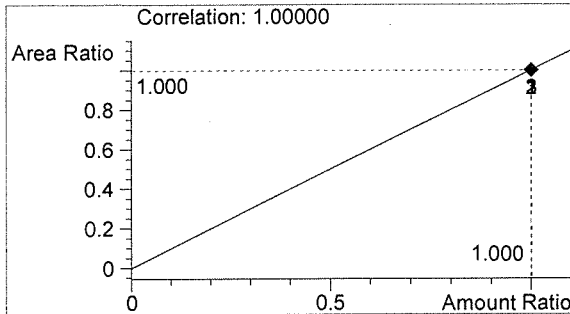
Sample Name: NEG CTRL-BT
Operator: Brittany Thomas
Location: Vial 30



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1590	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

BT

BT

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: 150619JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0615-01 - Exp. 12/02/2015
 Ethanol Calibrator 2, E0615-02 - Exp. 12/02/2015
 Ethanol Calibrator 3, E0615-03 - Exp. 12/02/2015
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019

 Internal Standard Lot#P0615 - Exp. 09/04/2015

 Data for vials 1-9 filed with 15028.

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	15028-1	SIMALC3	1	Sample		
11	Vial 11	15028-2	SIMALC3	1	Sample		
12	Vial 12	15028-3	SIMALC3	1	Sample		
13	Vial 13	15028-4	SIMALC3	1	Sample		
14	Vial 14	15028-5	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	15029-1	SIMALC3	1	Sample		
18	Vial 18	15029-2	SIMALC3	1	Sample		
19	Vial 19	15029-3	SIMALC3	1	Sample		
20	Vial 20	15029-4	SIMALC3	1	Sample		
21	Vial 21	15029-5	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	15030-1	SIMALC3	1	Sample		
25	Vial 25	15030-2	SIMALC3	1	Sample		

15030

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
26	Vial 26	15030-3	SIMALC3	1	Sample		
27	Vial 27	15030-4	SIMALC3	1	Sample		
28	Vial 28	15030-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	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!

15030

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

Inj. Date: 6/19/2015 2:42:21 PM

Sample Name: 15030-1

Instrument: HSGC#3

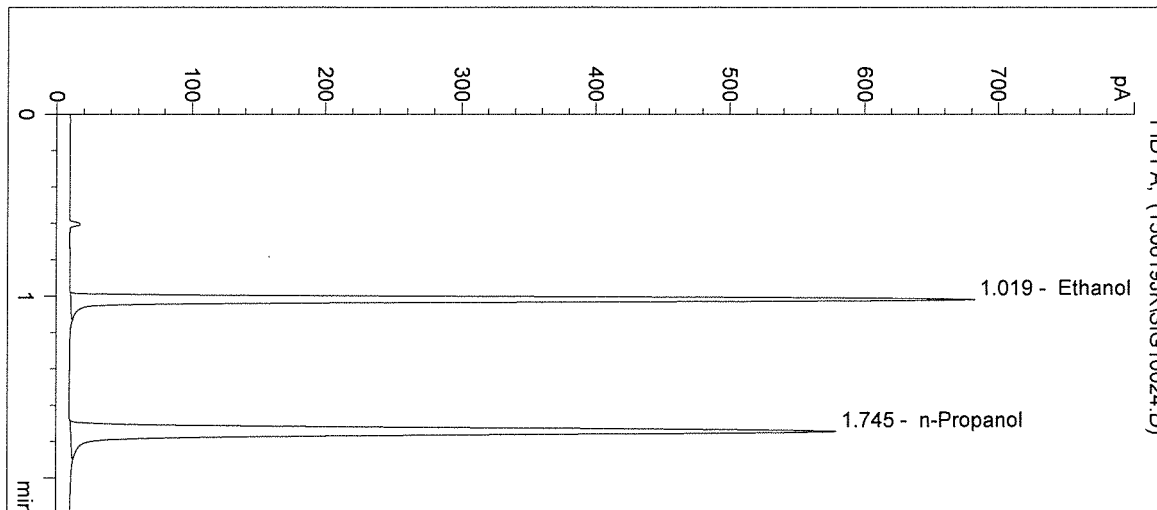
Operator: Justin Knoy

Column: DB-ALC2

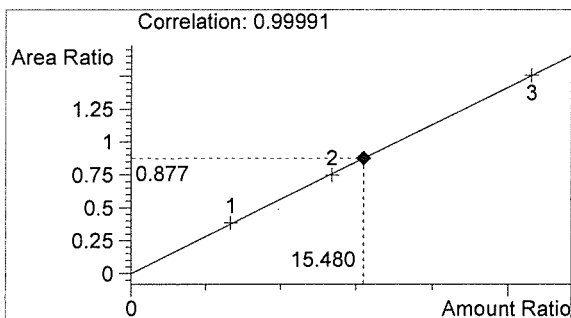
Location: Vial 24

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

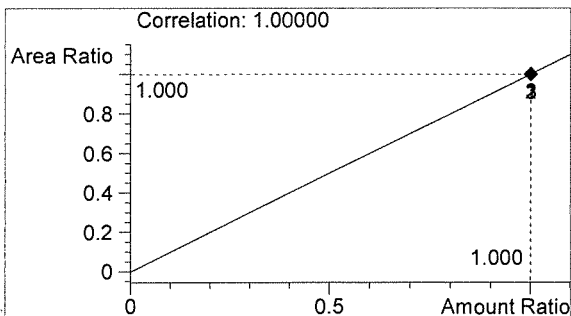
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1331	1.019
2	n-Propanol	1519	1.745



Ethanol 0.186 g/100mL



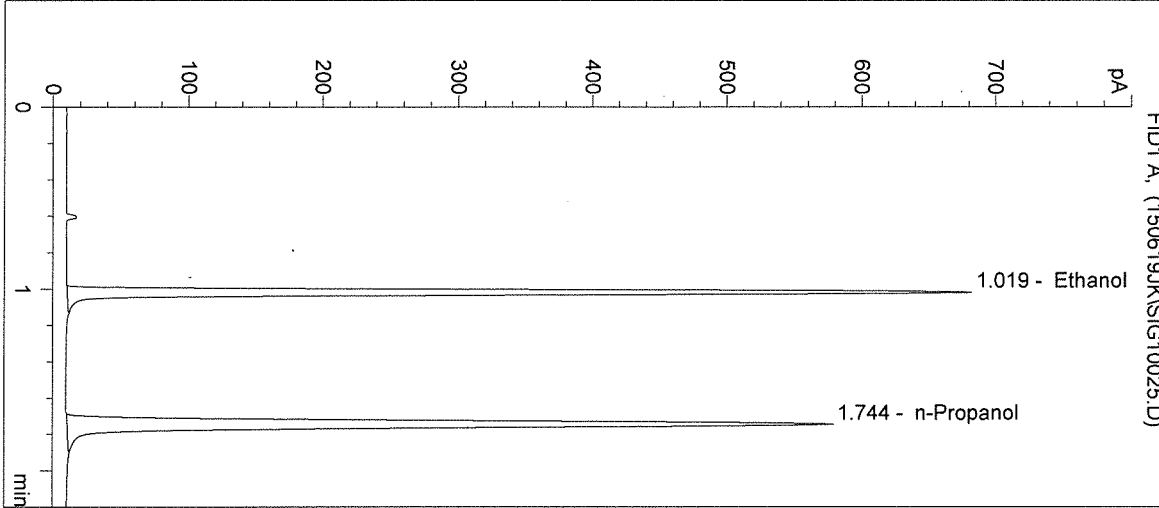
n-Propanol 0.012 g/100mL

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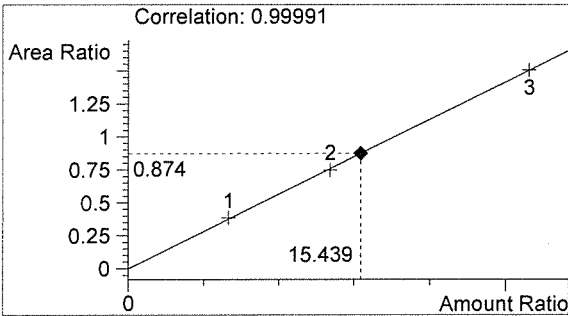
JK

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2203 Airport Way S Seattle, WA 98134

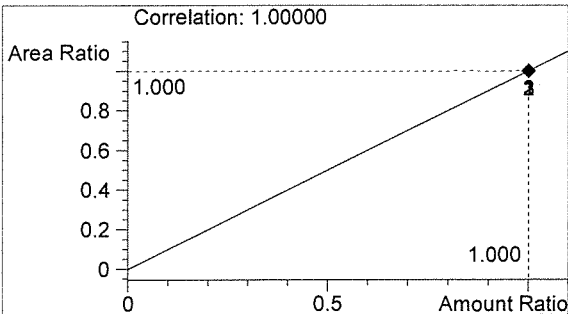
Inj. Date: 6/19/2015 2:45:34 PM Sample Name: 15030-2
Instrument: HSGC#3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 25
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1322	1.019
2	n-Propanol	1512	1.744



Ethanol 0.185 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/19/2015 2:48:48 PM

Sample Name: 15030-3

Instrument: HSGC#3

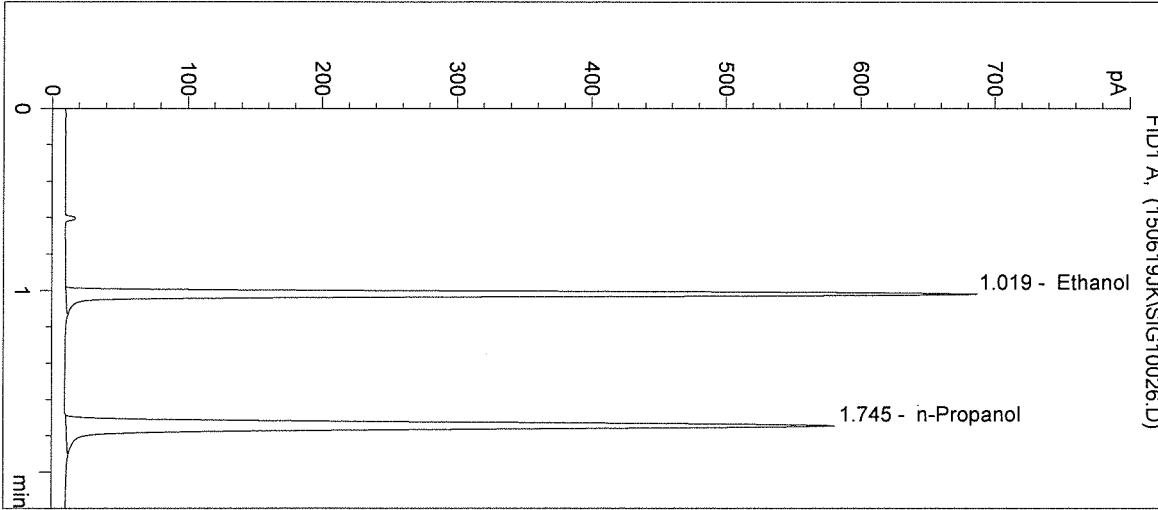
Operator: Justin Knoy

Column: DB-ALC2

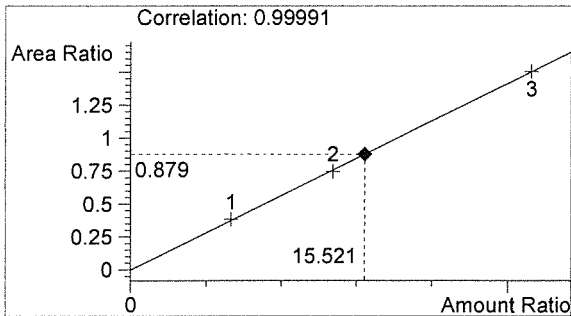
Location: Vial 26

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

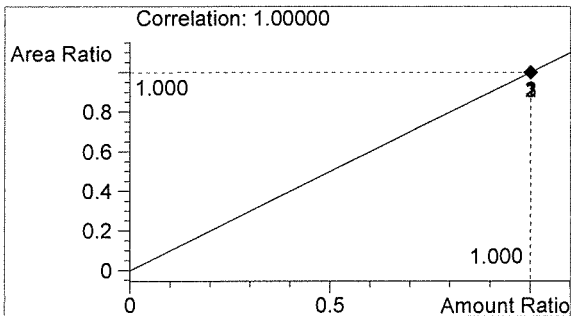
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1333	1.019
2	n-Propanol	1516	1.745



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/19/2015 2:52:01 PM

Sample Name: 15030-4

Instrument: HSGC#3

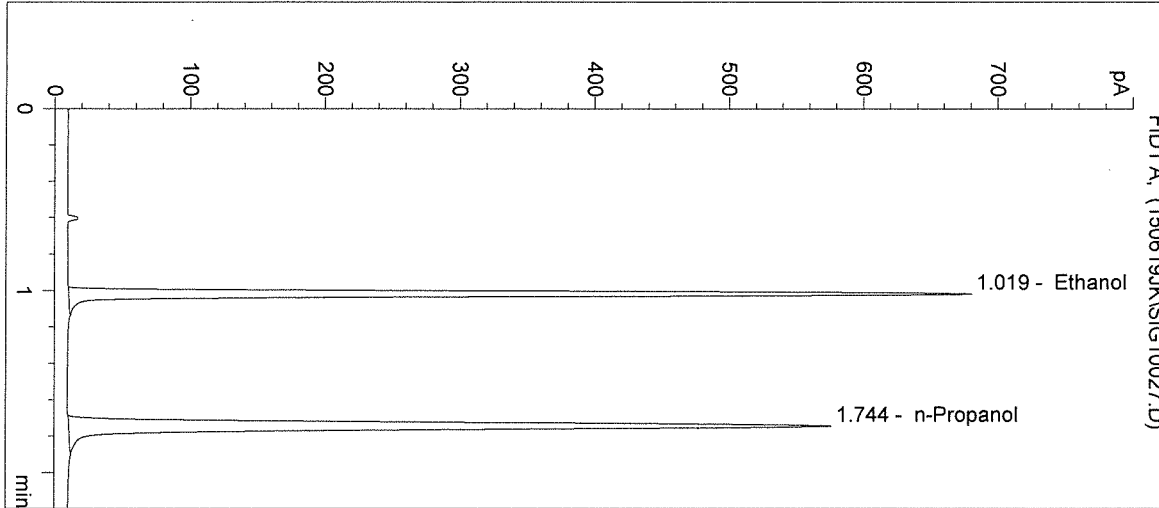
Operator: Justin Knoy

Column: DB-ALC2

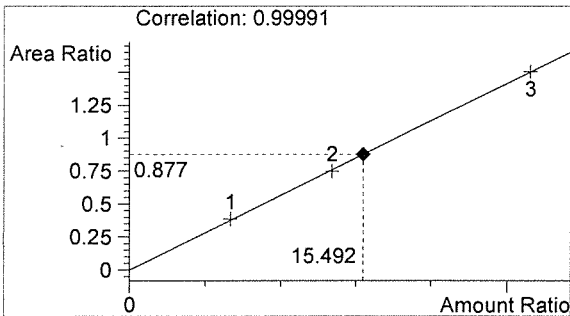
Location: Vial 27

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

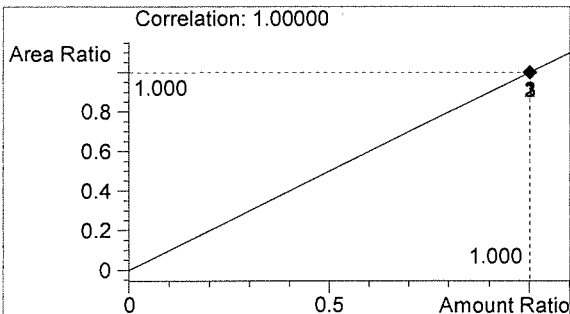
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1321	1.019
2	n-Propanol	1506	1.744



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/19/2015 2:55:15 PM

Sample Name: 15030-5

Instrument: HSGC#3

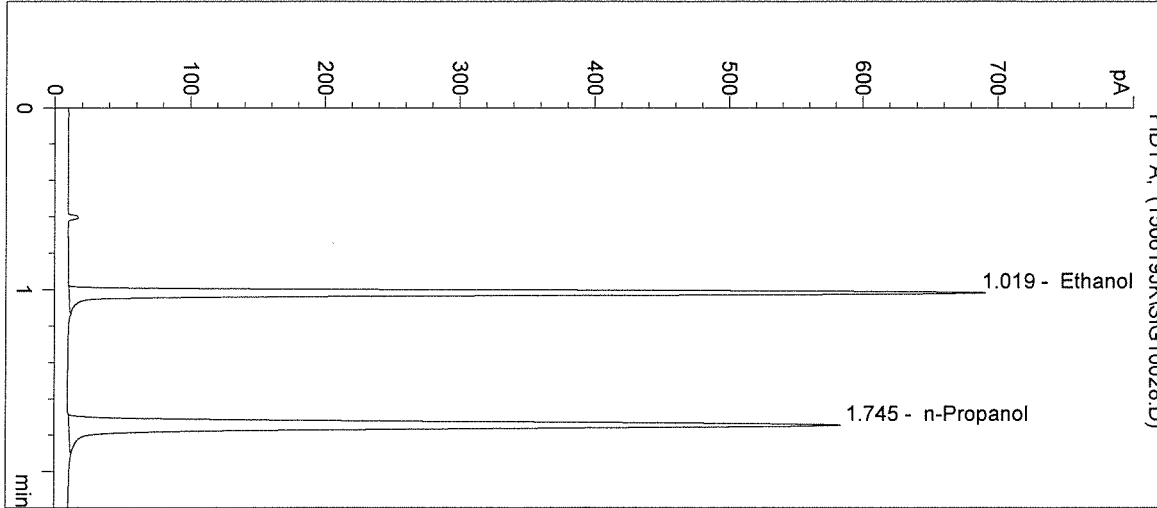
Operator: Justin Knoy

Column: DB-ALC2

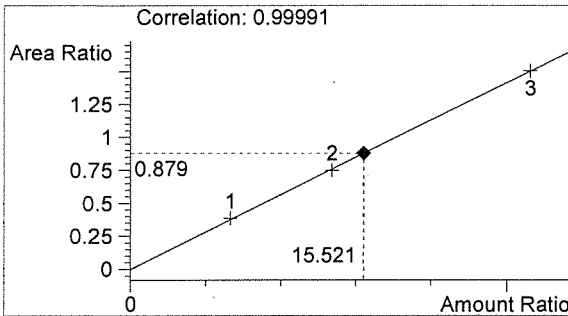
Location: Vial 28

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

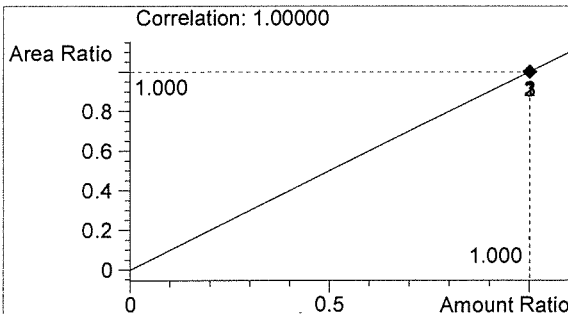
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1342	1.019
2	n-Propanol	1527	1.745



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/19/2015 2:58:29 PM

Sample Name: CTRL2 (0.10)

Instrument: HSGC#3

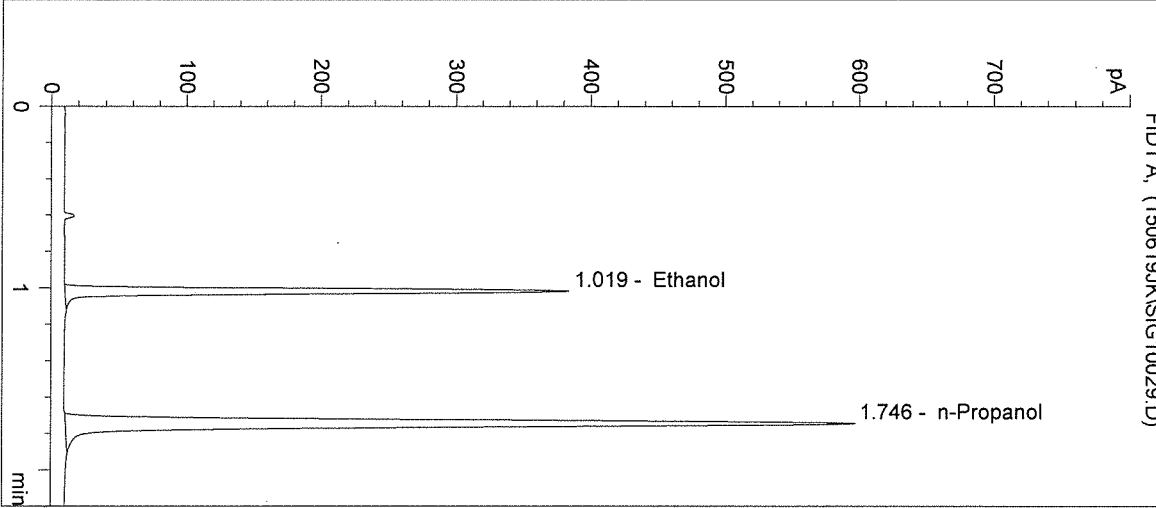
Operator: Justin Knoy

Column: DB-ALC2

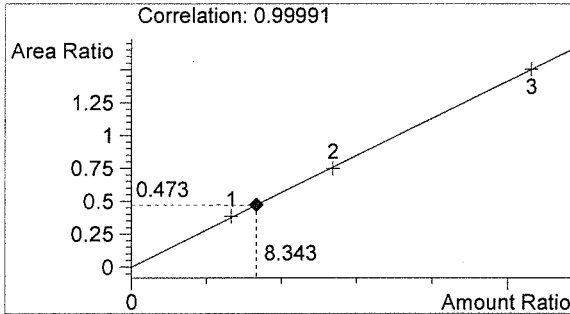
Location: Vial 29

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

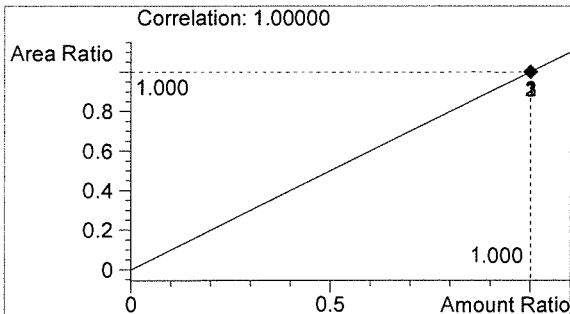
Sample Info: 0.10g/100mL ; 15030



#	Compound	Peak Area	RT (min)
1	Ethanol	739	1.019
2	n-Propanol	1562	1.746



Ethanol 0.100 g/100mL



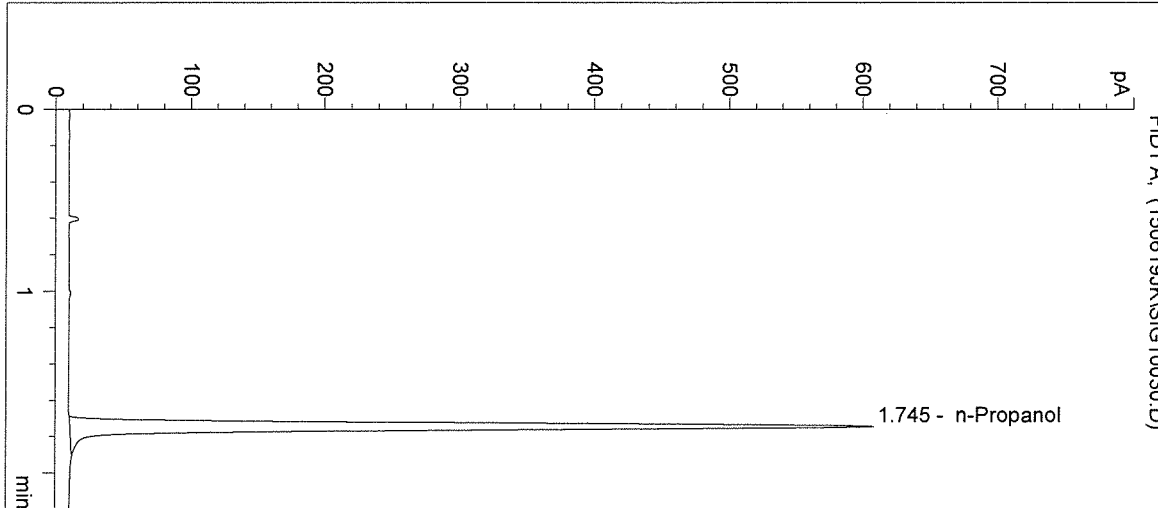
n-Propanol 0.012 g/100mL

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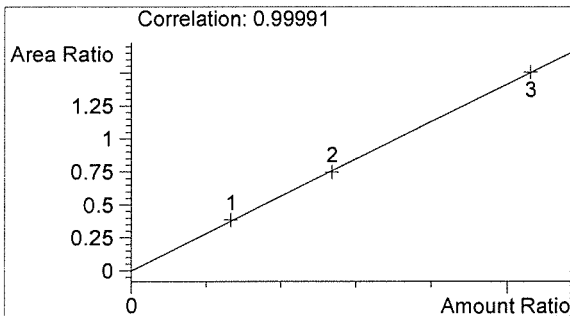
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2203 Airport Way S Seattle, WA 98134

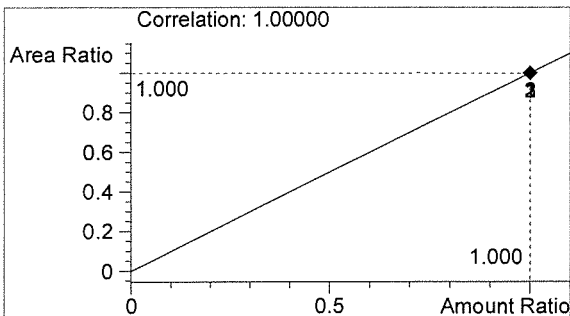
Inj. Date: 6/19/2015 3:01:42 PM Sample Name: NEG CTRL
Instrument: HSGC#3 Operator: Justin Knoy
Column: DB-ALC2 Location: Vial 30
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 15030



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1590	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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Sequence Parameters:

Operator: Elizabeth Wehner
 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: 150623
 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#: E0615-01 Exp. 12/02/2015
 CAL 2: 0.158 g/100mL - Lot#: E0615-02 Exp. 12/02/2015
 CAL 3: 0.316 g/100mL - Lot#: E0615-03 Exp. 12/02/2015

 CTRL 1: 0.04 g/100mL - Lot#: FN05011301 Exp. 05/2018
 CTRL 2: 0.10 g/100mL - Lot#: FN08051301 Exp. 10/2018
 CTRL 3: 0.20 g/100mL - Lot#: FN03211401 Exp. 06/2019

 n-Propanol ISTD - Lot#: P0615 Exp. 09/04/2015

 Calibration vials 1-9 are filed with Batch 15028.

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	15028 #1	SIMALC3	1	Sample		
11	Vial 11	15028 #2	SIMALC3	1	Sample		
12	Vial 12	15028 #3	SIMALC3	1	Sample		
13	Vial 13	15028 #4	SIMALC3	1	Sample		
14	Vial 14	15028 #5	SIMALC3	1	Sample		
15	Vial 15	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC3	1	Ctrl Samp		
17	Vial 17	15029 #1	SIMALC3	1	Sample		
18	Vial 18	15029 #2	SIMALC3	1	Sample		
19	Vial 19	15029 #3	SIMALC3	1	Sample		
20	Vial 20	15029 #4	SIMALC3	1	Sample		
21	Vial 21	15029 #5	SIMALC3	1	Sample		
22	Vial 22	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC3	1	Ctrl Samp		
24	Vial 24	15030 #1	SIMALC3	1	Sample		

15030

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	15030 #2	SIMALC3	1	Sample		
26	Vial 26	15030 #3	SIMALC3	1	Sample		
27	Vial 27	15030 #4	SIMALC3	1	Sample		
28	Vial 28	15030 #5	SIMALC3	1	Sample		
29	Vial 29	POS CTRL (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	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!

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

Inj. Date: 6/23/2015 3:02:16 PM

Sample Name: 15030 #1

Instrument: HSGC#3

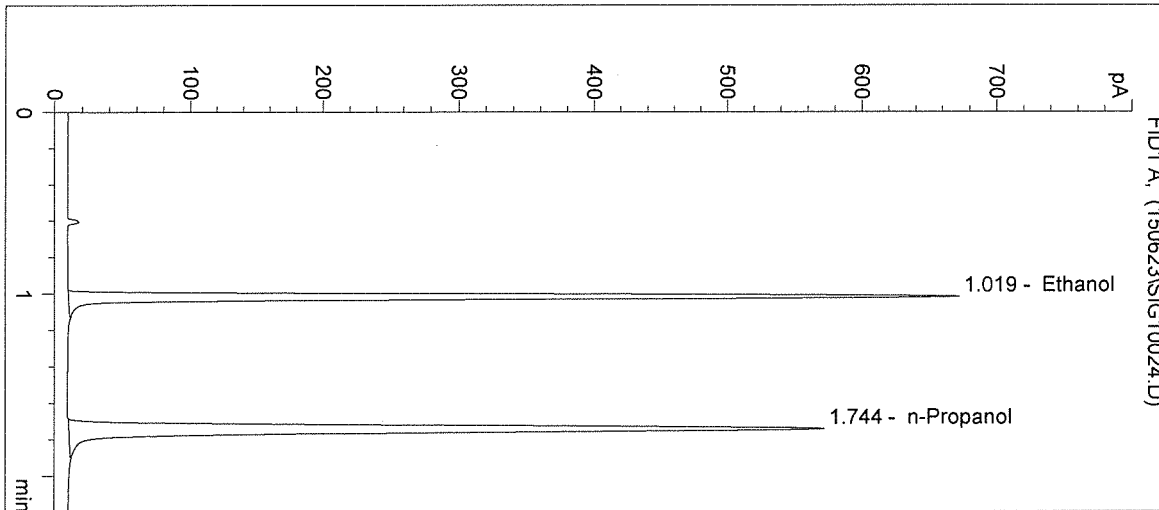
Operator: Elizabeth Wehner

Column: DB-ALC2

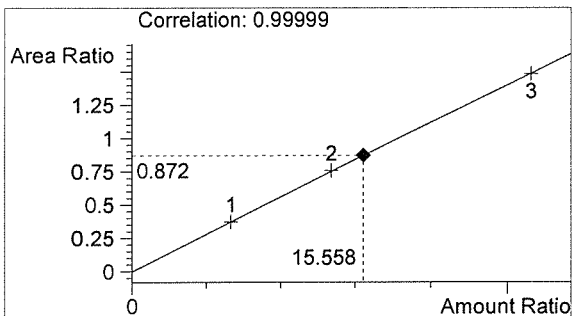
Location: Vial 24

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

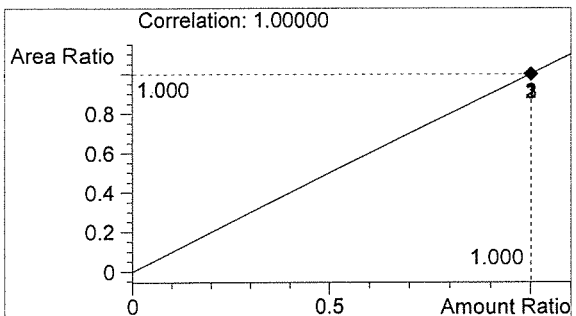
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1300	1.019
2	n-Propanol	1491	1.744



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/23/2015 3:05:29 PM

Sample Name: 15030 #2

Instrument: HSGC#3

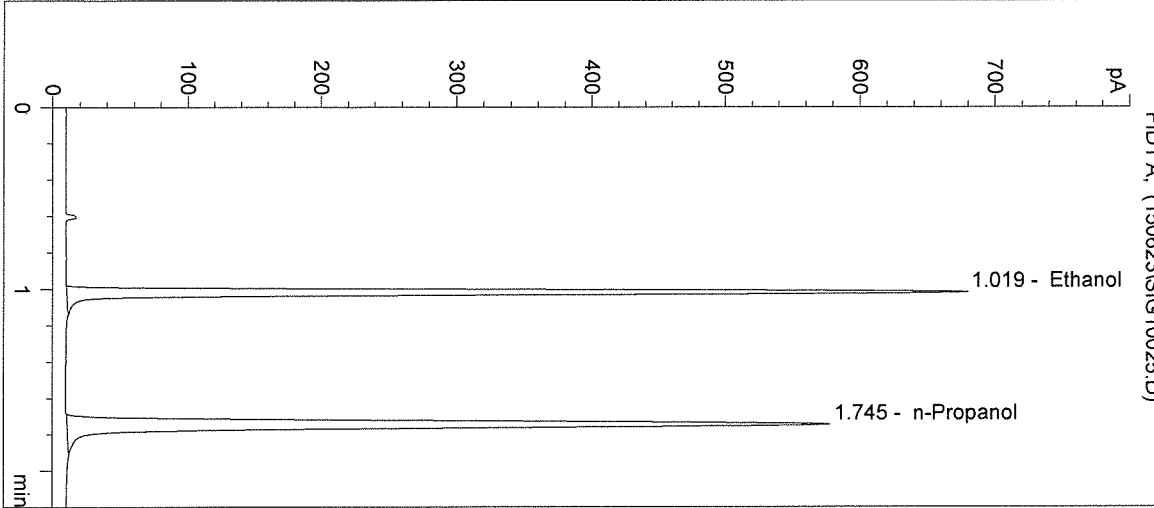
Operator: Elizabeth Wehner

Column: DB-ALC2

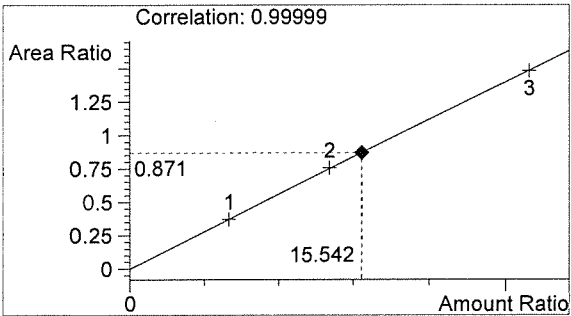
Location: Vial 25

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

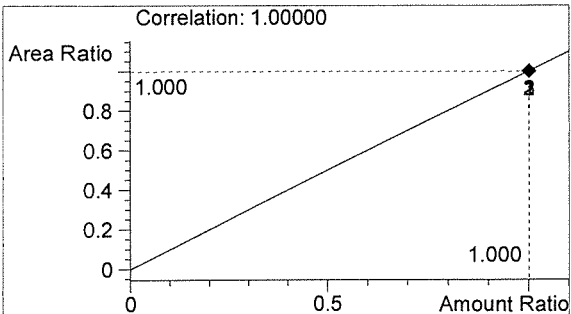
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1312	1.019
2	n-Propanol	1506	1.745



Ethanol 0.187 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/23/2015 3:08:42 PM

Sample Name: 15030 #3

Instrument: HSGC#3

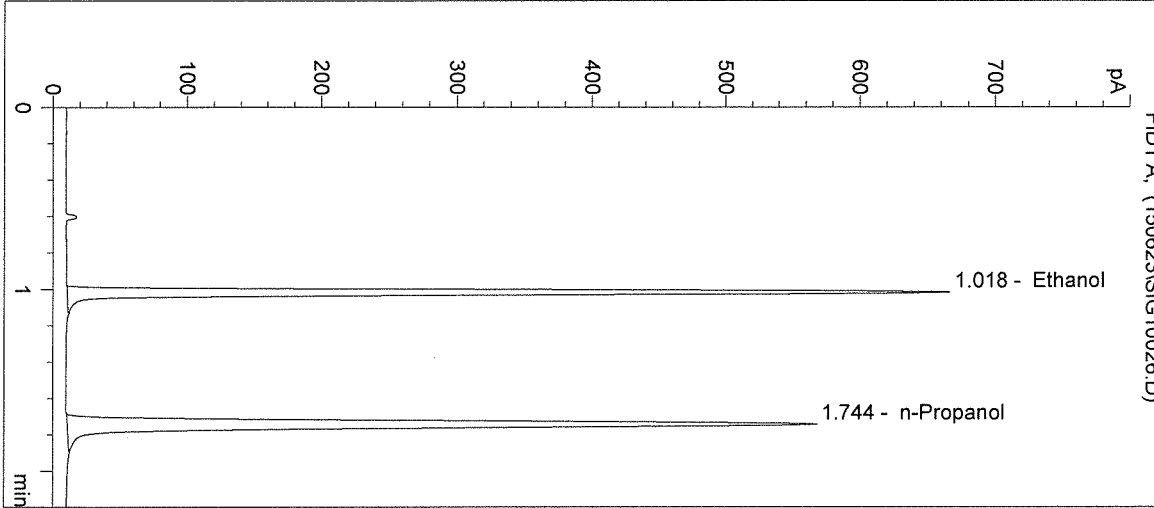
Operator: Elizabeth Wehner

Column: DB-ALC2

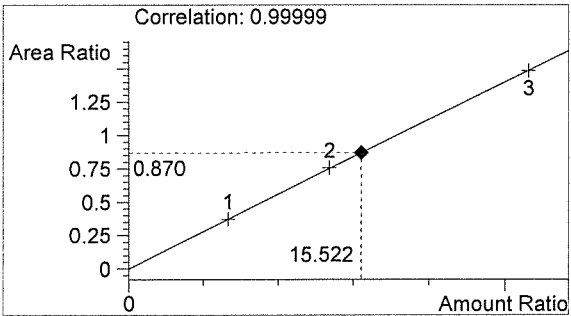
Location: Vial 26

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

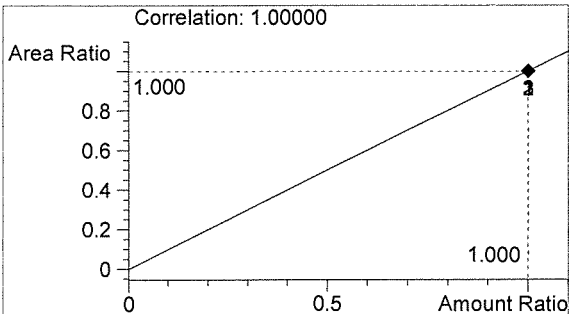
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1289	1.018
2	n-Propanol	1482	1.744



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/23/2015 3:11:56 PM

Sample Name: 15030 #4

Instrument: HSGC#3

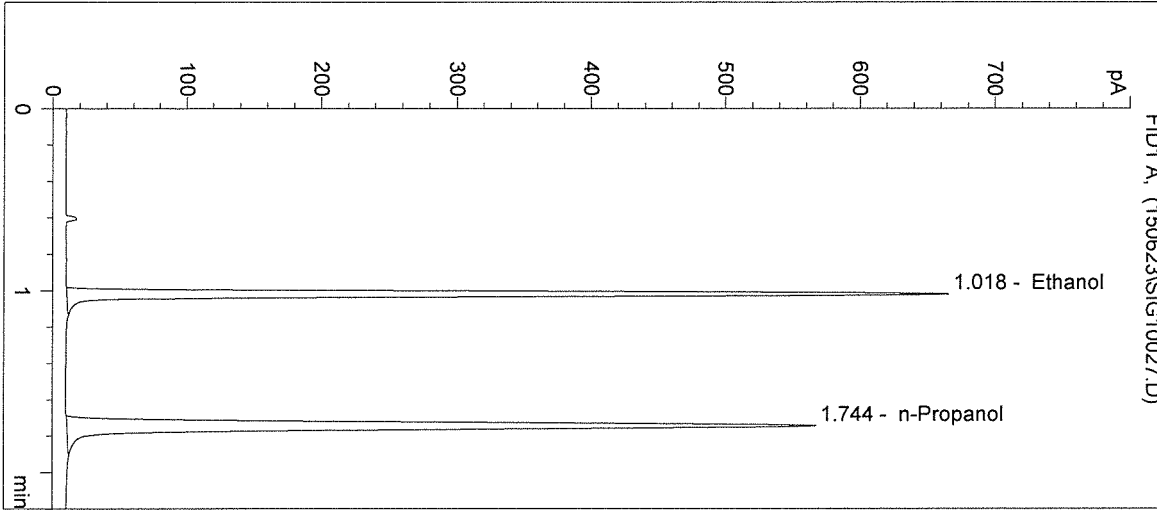
Operator: Elizabeth Wehner

Column: DB-ALC2

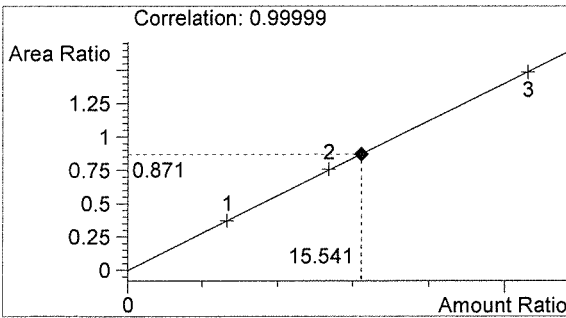
Location: Vial 27

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

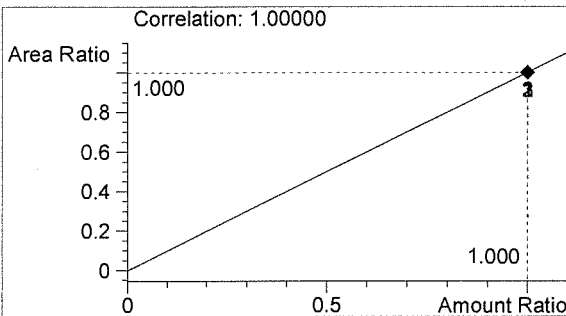
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1287	1.018
2	n-Propanol	1478	1.744



Ethanol 0.186 g/100mL

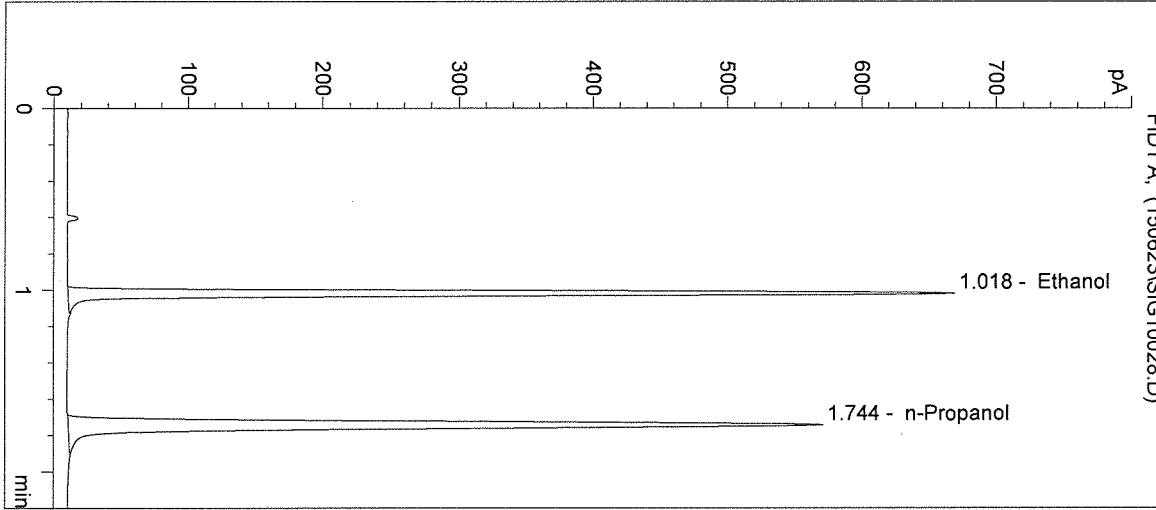


n-Propanol 0.012 g/100mL

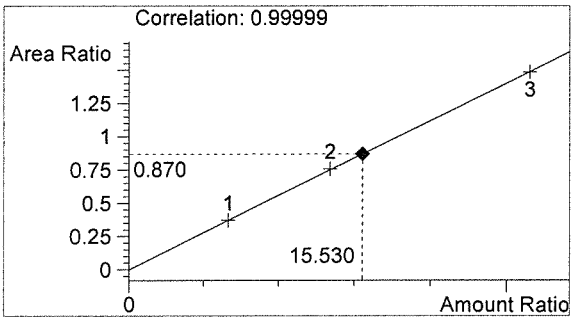
EW

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2203 Airport Way S Seattle, WA 98134

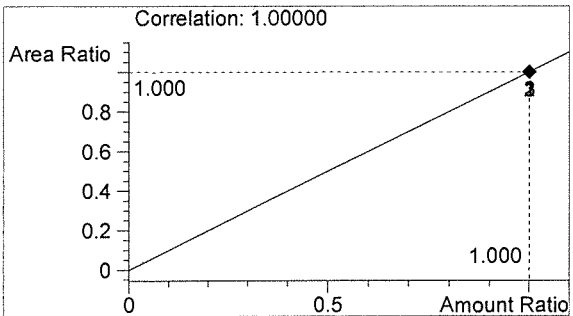
Inj. Date: 6/23/2015 3:15:10 PM Sample Name: 15030 #5
Instrument: HSGC#3 Operator: Elizabeth Wehner
Column: DB-ALC2 Location: Vial 28
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1298	1.018
2	n-Propanol	1491	1.744



Ethanol 0.186 g/100mL



n-Propanol 0.012 g/100mL

EW

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

Inj. Date: 6/23/2015 3:18:24 PM

Sample Name: POS CTRL (0.10)

Instrument: HSGC#3

Operator: Elizabeth Wehner

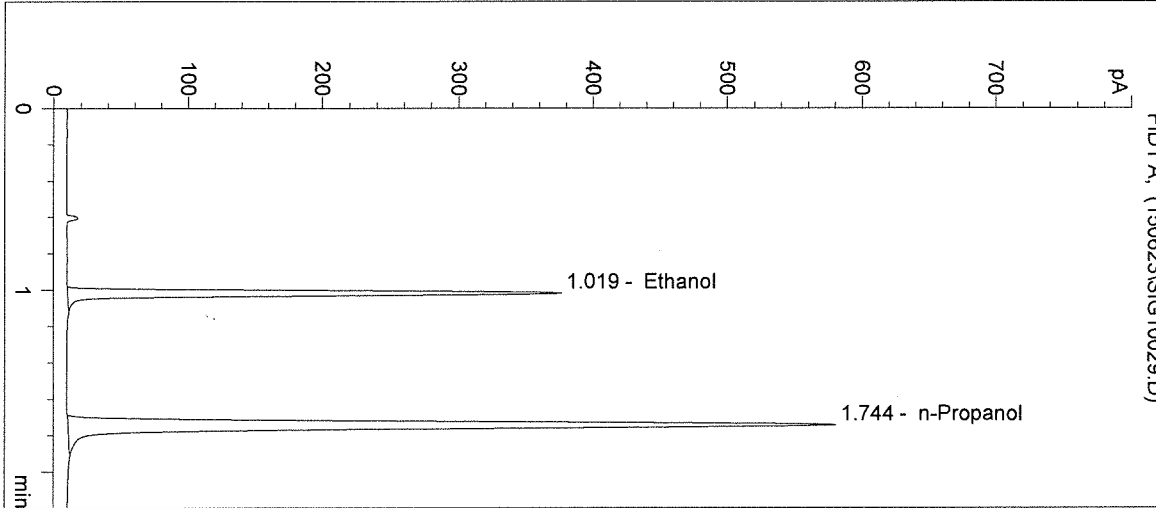
Column: DB-ALC2

Location: Vial 29

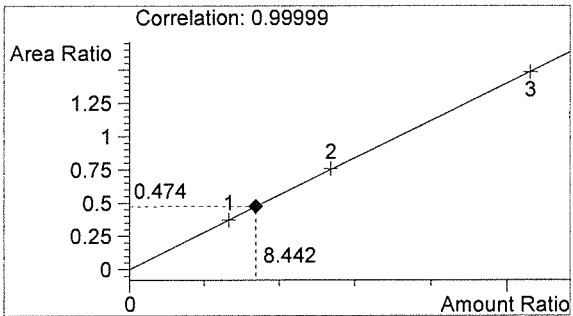
Method: C:\HPCHEM\2\METHODS\SIMALC3.M

Sample Info: POS CTRL: 0.10 g/100mL
 15030

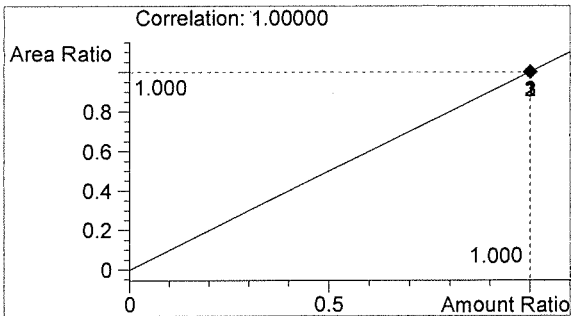
->



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.019
2	n-Propanol	1516	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 6/23/2015 3:21:36 PM

Sample Name: NEG CTRL

Instrument: HSGC#3

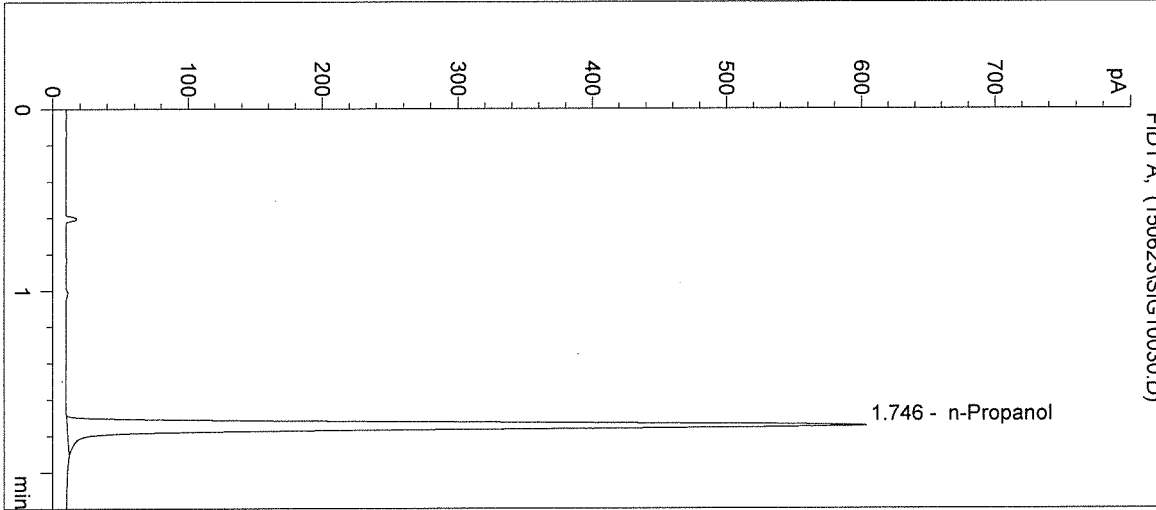
Operator: Elizabeth Wehner

Column: DB-ALC2

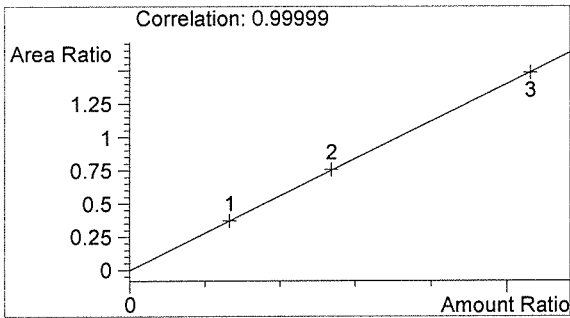
Location: Vial 30

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

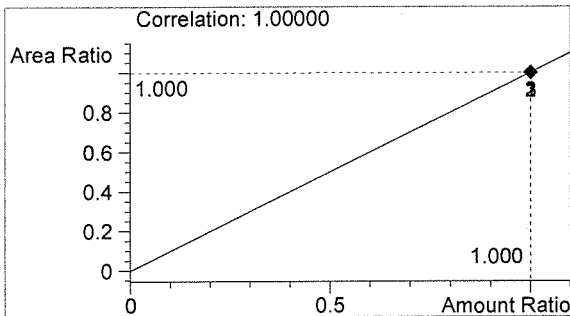
Sample Info: 15030



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1573	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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