



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

**BATCH REPORT: 16010**

**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: 03/14/2016  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Lyndsey Knoy

	LK	AC	JLK
1	0.190	0.194	0.192
2	0.190	0.191	0.191
3	0.192	0.192	0.192
4	0.189	0.190	0.191
5	0.191	0.191	0.189
C	0.103	0.103	0.102

**ETHANOL CONTROL INFORMATION**

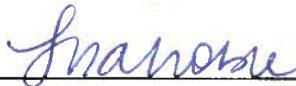
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1910 g/100mL PRECISION CV (%): 0.69  
STANDARD DEVIATION: 0.00131 NUMBER OF TESTS: 15

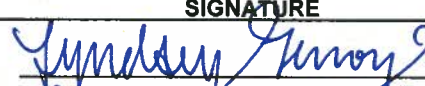


EQUIVALENT VAPOR CONCENTRATION: 0.1553 g/210L  
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

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

4/1/16  
\_\_\_\_\_  
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
LK	Lyndsey Knoy		03/14/2016
AC	Amanda Chandler		03/15/2016
JLK	Justin L. Knoy		03/18/2016

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 #: 16010

Date Prepared: 3/14/2016

Analyst:	LK	AC	JLK
Date Tested:	3/14/2016	3/15/2016	3/18/2016
Instrument:	HSGC #3	HSGC #3	HSGC #3
1	0.190	0.194	0.192
2	0.190	0.191	0.191
3	0.192	0.192	0.192
4	0.189	0.190	0.191
5	0.191	0.191	0.189
C	0.103	0.103	0.102

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>
0.0000084100	0.0000031327	0.0000105414	0.0001016326

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

Average Solution Concentration: 0.1910 g/100mL  
Standard Deviation: 0.00131 g/100mL  
Precision CV (%): 0.69  
Equivalent Vapor Concentration: 0.1553 g/210L  
Combined Standard Uncertainty (±): 0.0017 g/210L  
Expanded Uncertainty (±): 0.0034 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 3/24/16  
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 4-1-2016 Method: Hand calculation  
Name Signature Date


Tech. review performed by: Lisa Noble [Signature] 3/24/16  
Name Signature Date

## SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 4-1-2016  
Location: WSP-FLSB Seattle, WA Solution Batch Number: 16010

	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: 4-1-2016



## 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	AZ	3/25/16
Andrew Gingras		
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	JK	3.25.16
Katie Harris		
Lyndsey Lowe (Knoy)	HL	3.24.16
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 16010 Jn 3/24/16

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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 16010**

I, Lyndsey 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 Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 16010, was prepared in the Washington State Toxicology Laboratory on 3/14/2016. 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 3/14/2017.

Seattle, WA

 3-24-16

Lyndsey Knoy  
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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 16010**

I, Amanda Chandler, 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: MS degree in Forensic Toxicology.

The quality assurance procedure (QAP) solution, Lot Number 16010, was prepared in the Washington State Toxicology Laboratory on 3/14/2016. 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 3/14/2017.

Seattle, WA

Amanda Chandler 3/25/14

Amanda Chandler

Date

Forensic Scientist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 16010**

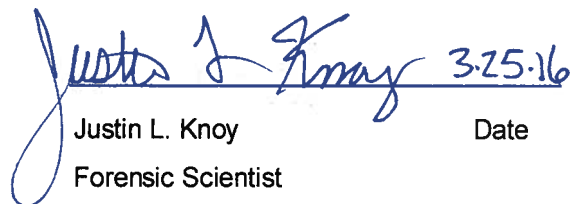
I, Justin L. Knoy, do certify under penalty of perjury that:

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 16010, was prepared in the Washington State Toxicology Laboratory on 3/14/2016. 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 3/14/2017.

Seattle, WA

Justin L. Knoy 3-25-16  
Justin L. Knoy Date  
Forensic Scientist



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

Preparation Date: 3.14.16 Expiration Date: 3.14.17 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: 2EA0437

Date the 200-proof Ethanol bottle was opened: 2.17.16

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>16008</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>16009</u>
QAP 0.10	28.1	18	<input type="checkbox"/>	
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>16010</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

3.14.16  
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:

*Sydney Perry* (Sydney Perry)  
Analyst Signature

3.14.16 JK  
Date

*JK*



Sequence Parameters:

Operator: Lyndsey 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: 160314LK  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E1015-01 exp 04/29/2016  
 0.158 Cal 2 E1015-02 exp 04/29/2016  
 0.316 Cal 3 E1015-03 exp 04/29/2016  
  
 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 P0216 exp 05/02/2016  
  
 Calibration filed in batch 16008

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	16008 #1	SIMALC3	1	Sample		
11	Vial 11	16008 #2	SIMALC3	1	Sample		
12	Vial 12	16008 #3	SIMALC3	1	Sample		
13	Vial 13	16008 #4	SIMALC3	1	Sample		
14	Vial 14	16008 #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	16009 #1	SIMALC3	1	Sample		
18	Vial 18	16009 #2	SIMALC3	1	Sample		
19	Vial 19	16009 #3	SIMALC3	1	Sample		
20	Vial 20	16009 #4	SIMALC3	1	Sample		
21	Vial 21	16009 #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	16010 #1	SIMALC3	1	Sample		

16010

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	16010 #2	SIMALC3	1	Sample		
26	Vial 26	16010 #3	SIMALC3	1	Sample		
27	Vial 27	16010 #4	SIMALC3	1	Sample		
28	Vial 28	16010 #5	SIMALC3	1	Sample		
29	Vial 29	CTRL 2- 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!

16010

Ln 3/24/16

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

Inj. Date: 3/14/2016 11:05:33 AM

Sample Name: 16010 #1

Instrument: HSGC#3

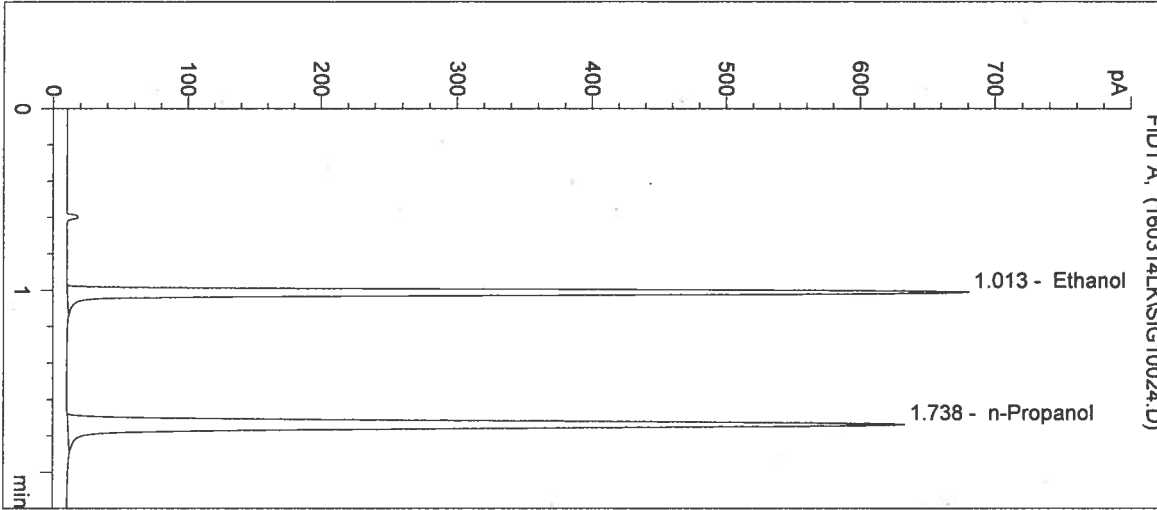
Operator: Lyndsey Knoy

Column: DB-ALC2

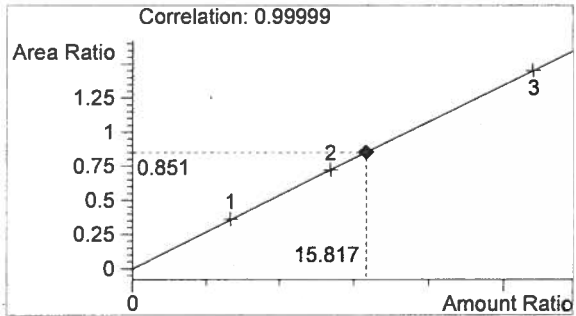
Location: Vial 24

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

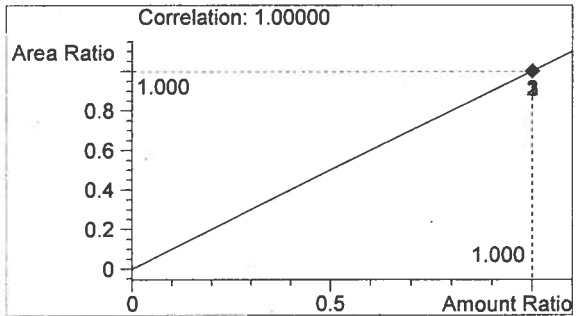
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1452	1.013
2	n-Propanol	1706	1.738



Ethanol 0.190 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: 3/14/2016 11:08:46 AM

Sample Name: 16010 #2

Instrument: HSGC#3

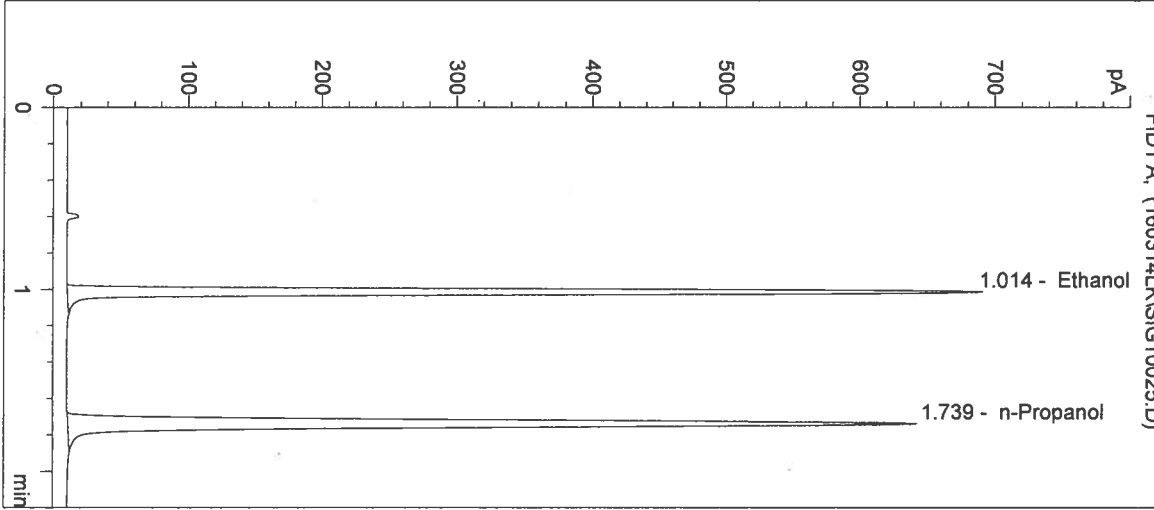
Operator: Lyndsey Knoy

Column: DB-ALC2

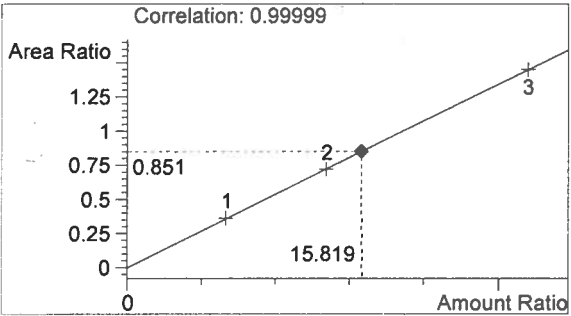
Location: Vial 25

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

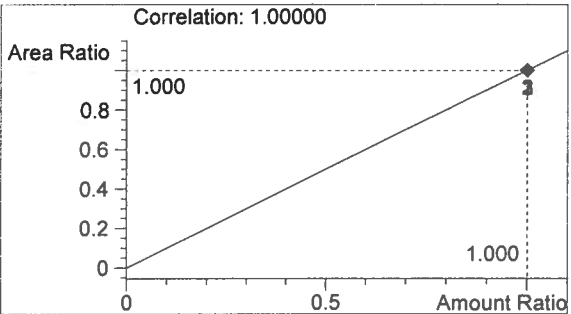
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1473	1.014
2	n-Propanol	1730	1.739



Ethanol 0.190 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: 3/14/2016 11:12:00 AM

Sample Name: 16010 #3

Instrument: HSGC#3

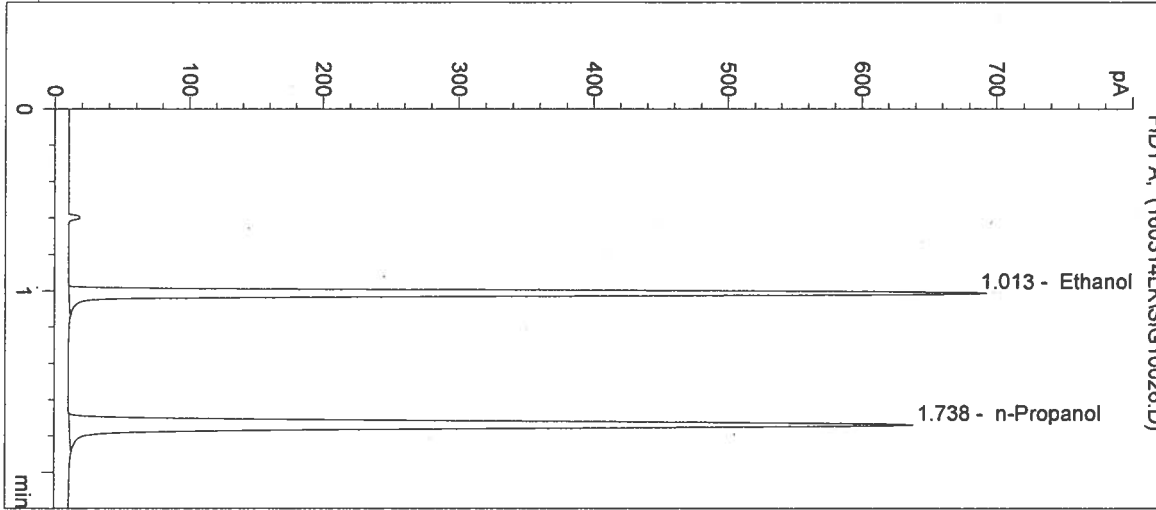
Operator: Lyndsey Knoy

Column: DB-ALC2

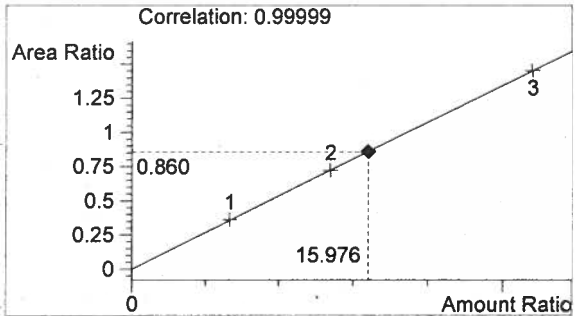
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Method: C:\HPCHEM\2\METHODS\SIMALC3.M

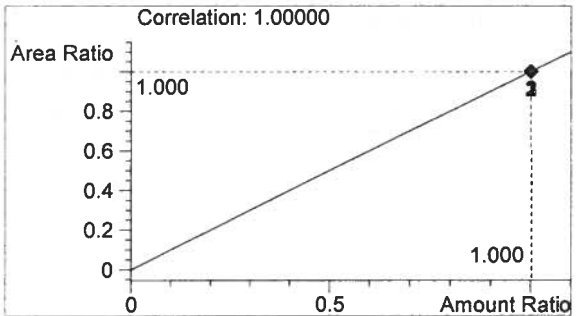
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1479	1.013
2	n-Propanol	1720	1.738



Ethanol 0.192 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: 3/14/2016 11:15:12 AM

Sample Name: 16010 #4

Instrument: HSGC#3

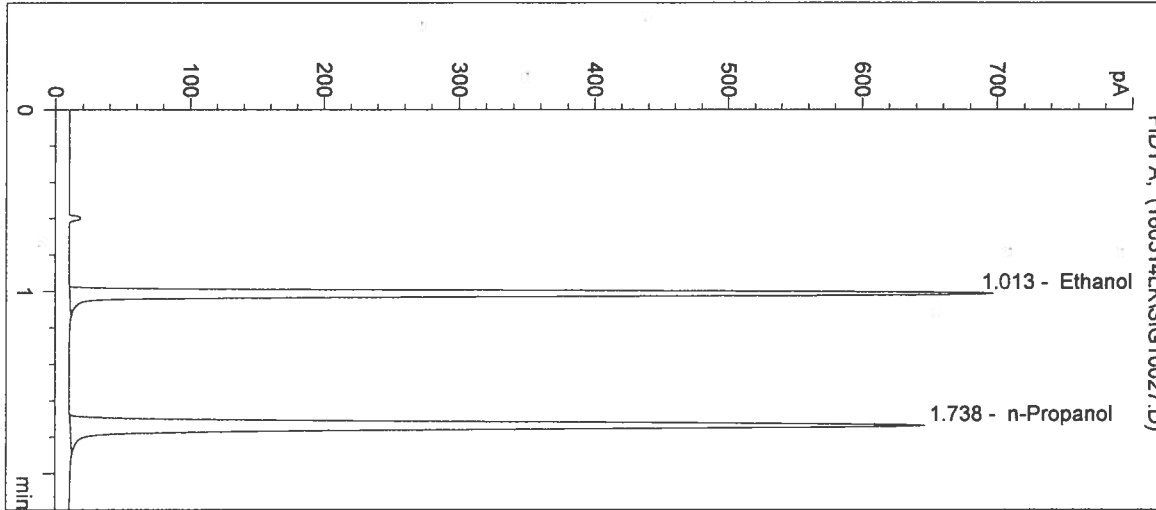
Operator: Lyndsey Knoy

Column: DB-ALC2

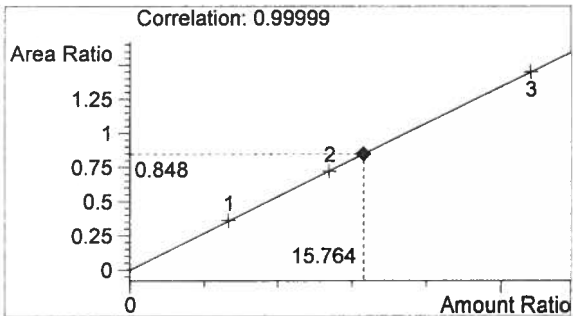
Location: Vial 27

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

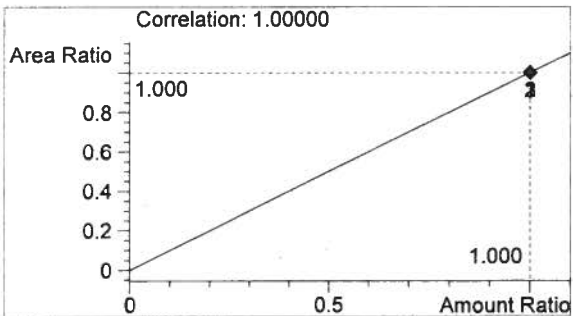
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1481	1.013
2	n-Propanol	1746	1.738



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 3/14/2016 11:18:25 AM

Sample Name: 16010 #5

Instrument: HSGC#3

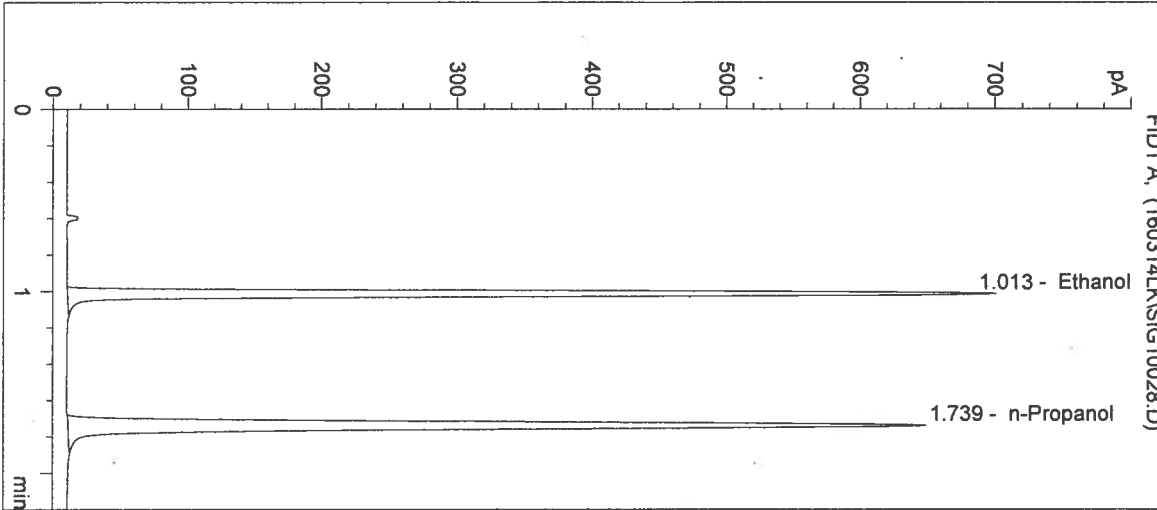
Operator: Lyndsey Knoy

Column: DB-ALC2

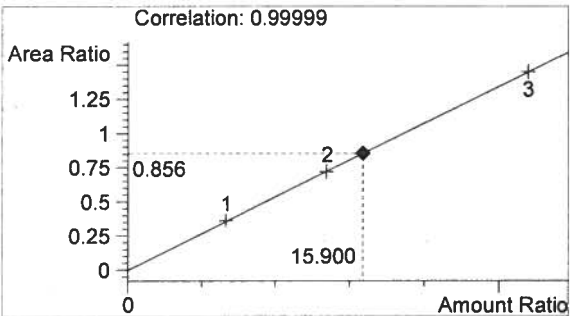
Location: Vial 28

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

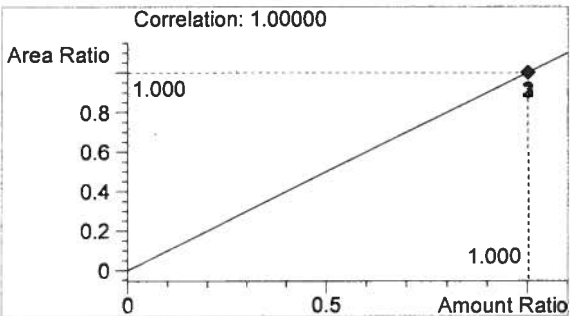
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1496	1.013
2	n-Propanol	1748	1.739



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 3/14/2016 11:21:41 AM

Sample Name: CTRL 2- 0.10

Instrument: HSGC#3

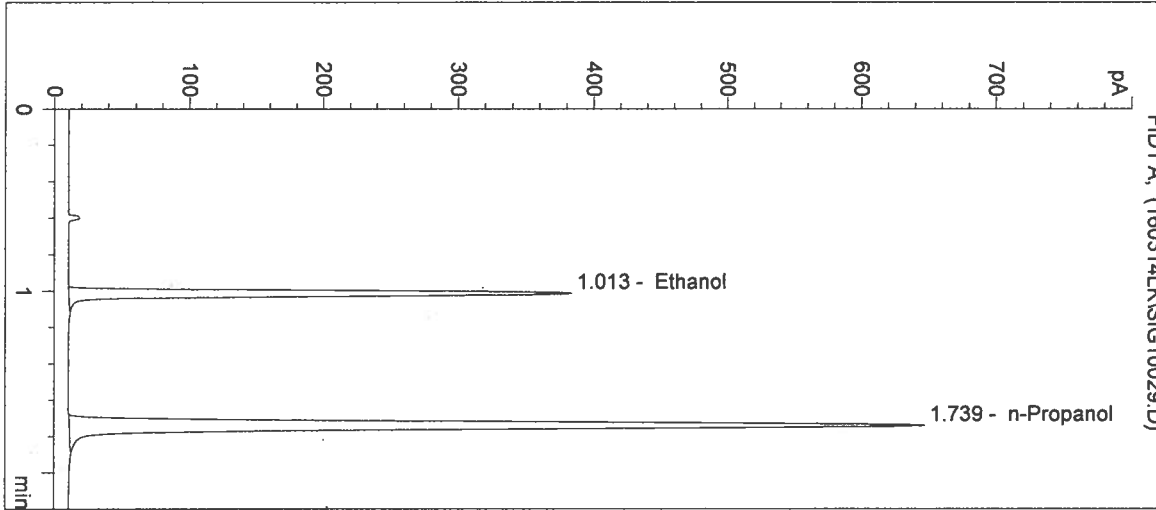
Operator: Lyndsey Knoy

Column: DB-ALC2

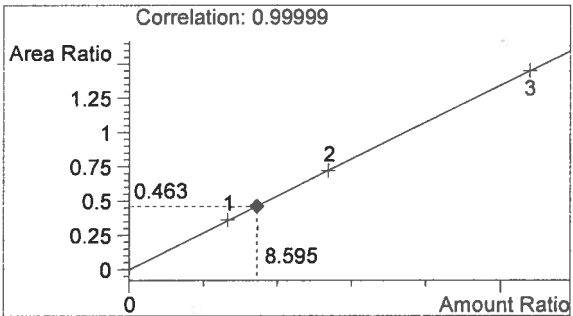
Location: Vial 29

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

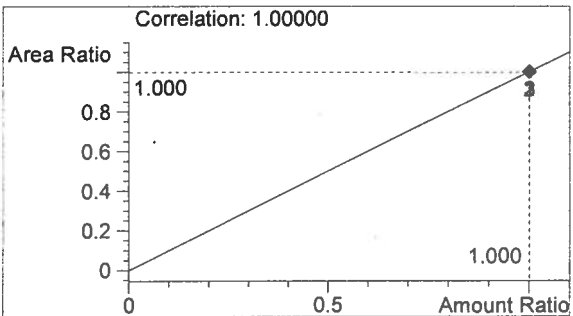
Sample Info: 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	806	1.013
2	n-Propanol	1743	1.739



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten initials*

*Handwritten signature*



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

Inj. Date: 3/14/2016 11:24:52 AM

Sample Name: NEG CTRL

Instrument: HSGC#3

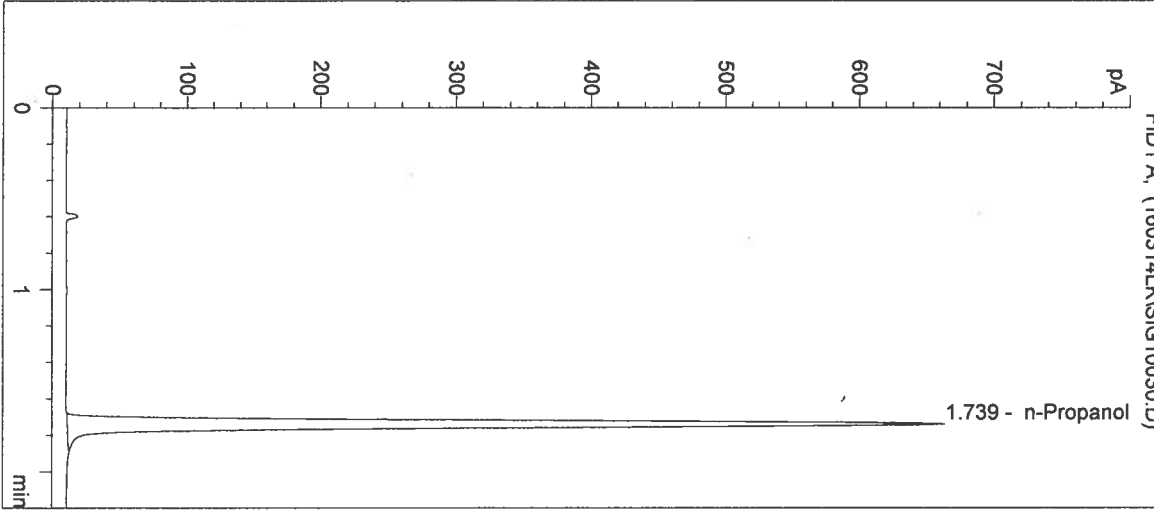
Operator: Lyndsey Knoy

Column: DB-ALC2

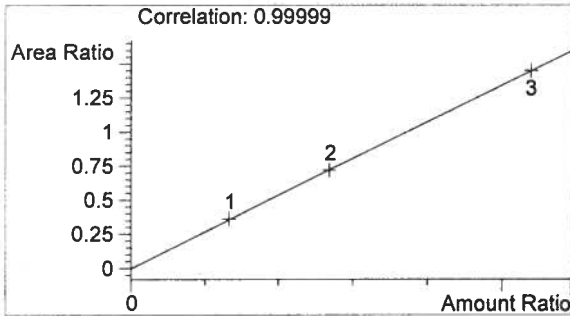
Location: Vial 30

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

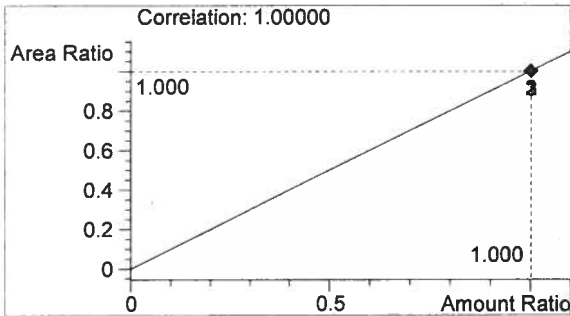
Sample Info: 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1787	1.739



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

*Handwritten mark*

*Handwritten signature*

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: 160315AC  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

0.079 Cal 1 E1015-01 exp 04/29/2016  
 0.158 Cal 2 E1015-02 exp 04/29/2016  
 0.316 Cal 3 E1015-03 exp 04/29/2016  
  
 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 P0216 exp 05/02/2016

Calibration filed in batch 160089  
 AC 3/21/16

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	16008 #1	SIMALC3	1	Sample		
11	Vial 11	16008 #2	SIMALC3	1	Sample		
12	Vial 12	16008 #3	SIMALC3	1	Sample		
13	Vial 13	16008 #4	SIMALC3	1	Sample		
14	Vial 14	16008 #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	16009 #1	SIMALC3	1	Sample		
18	Vial 18	16009 #2	SIMALC3	1	Sample		
19	Vial 19	16009 #3	SIMALC3	1	Sample		
20	Vial 20	16009 #4	SIMALC3	1	Sample		
21	Vial 21	16009 #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	16010 #1	SIMALC3	1	Sample		

16010

Instrum

AC

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	16010 #2	SIMALC3	1	Sample		
26	Vial 26	16010 #3	SIMALC3	1	Sample		
27	Vial 27	16010 #4	SIMALC3	1	Sample		
28	Vial 28	16010 #5	SIMALC3	1	Sample		
29	Vial 29	CTRL 2- 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!

16010

*3/24/16*

*3/24/16*  
*16010 AC*  
*AZ*

Inj. Date: 3/15/2016 8:59:59 AM

Sample Name: 16010 #1

Instrument: HSGC#3

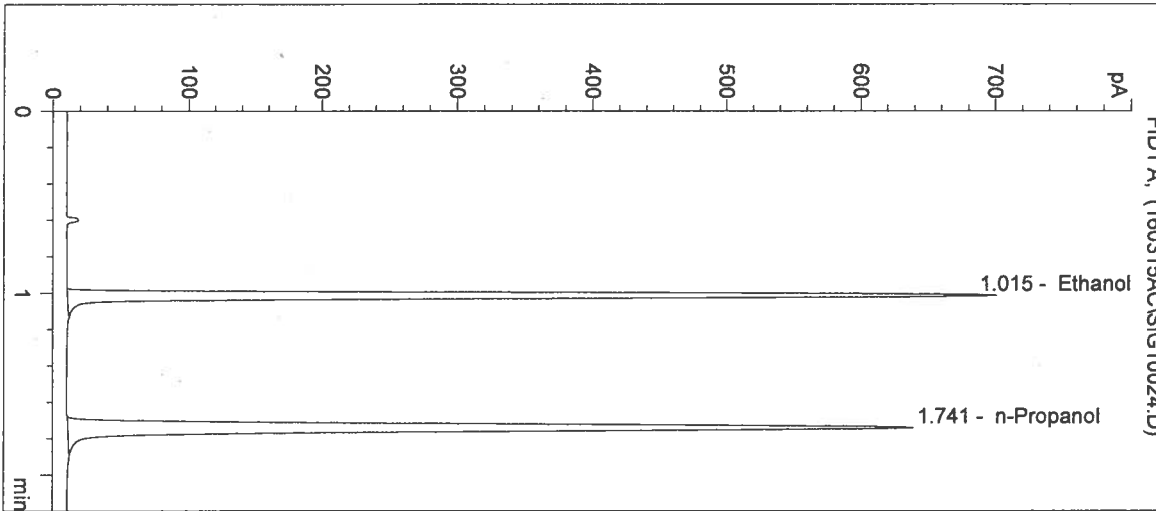
Operator: Amanda Chandler

Column: DB-ALC2

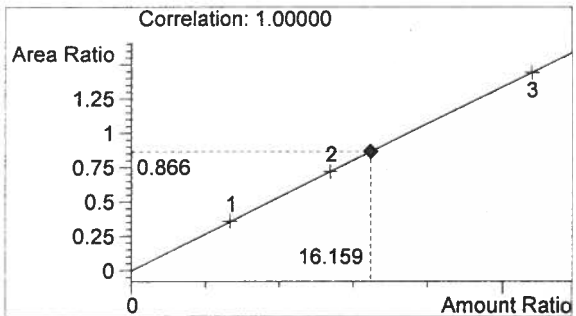
Location: Vial 24

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

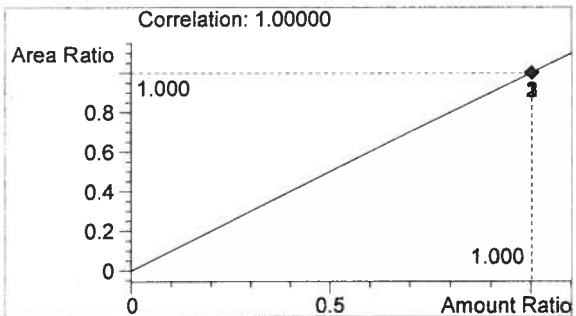
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1490	1.015
2	n-Propanol	1721	1.741



Ethanol 0.194 g/100mL



n-Propanol 0.012 g/100mL

*fn*

*AZ*

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

Inj. Date: 3/15/2016 9:03:13 AM

Sample Name: 16010 #2

Instrument: HSGC#3

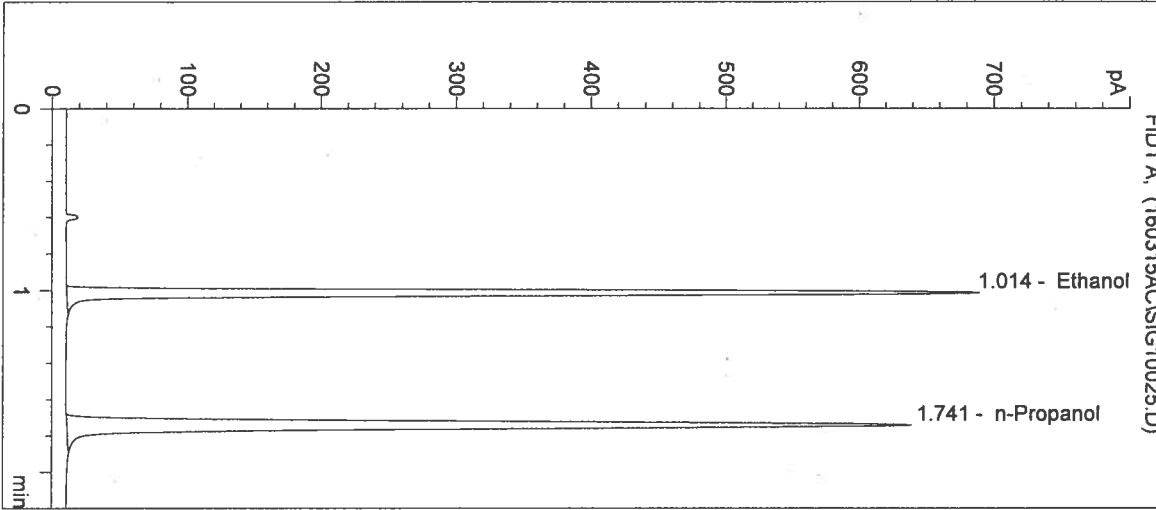
Operator: Amanda Chandler

Column: DB-ALC2

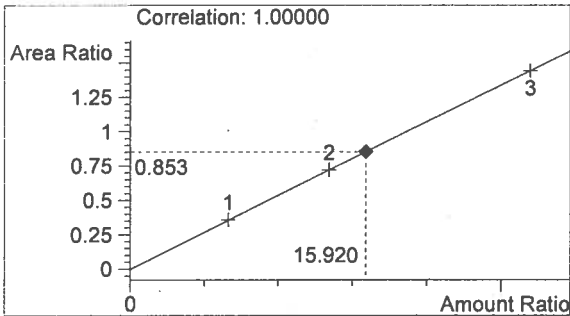
Location: Vial 25

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

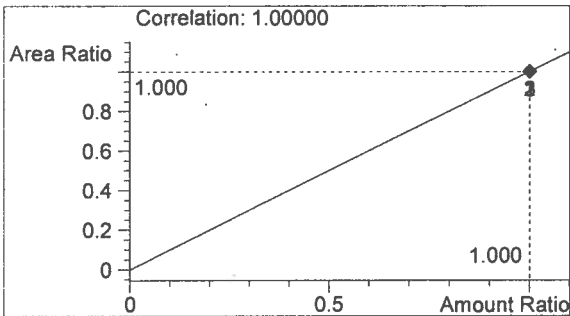
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1474	1.014
2	n-Propanol	1727	1.741



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/15/2016 9:06:26 AM

Sample Name: 16010 #3

Instrument: HSGC#3

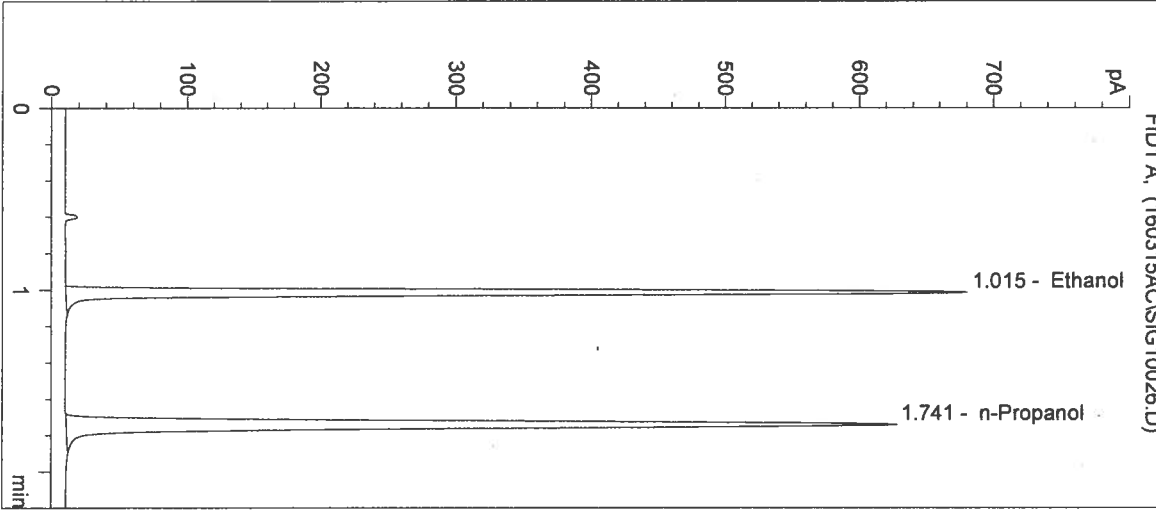
Operator: Amanda Chandler

Column: DB-ALC2

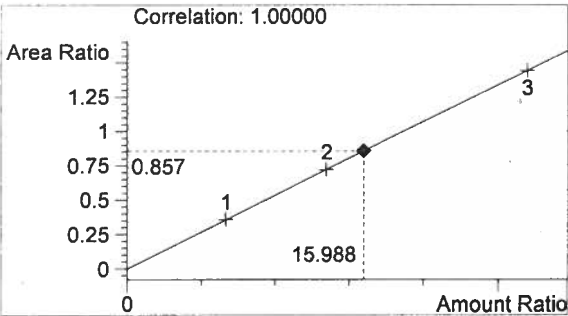
Location: Vial 26

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

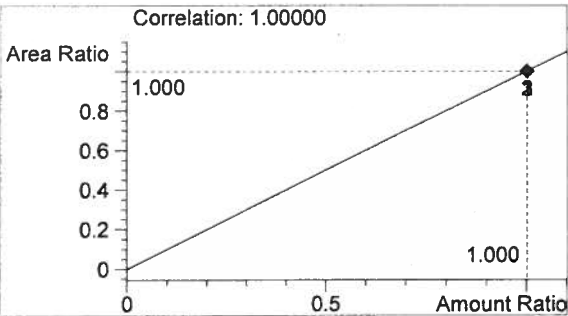
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1452	1.015
2	n-Propanol	1694	1.741



Ethanol 0.192 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: 3/15/2016 9:09:40 AM

Sample Name: 16010 #4

Instrument: HSGC#3

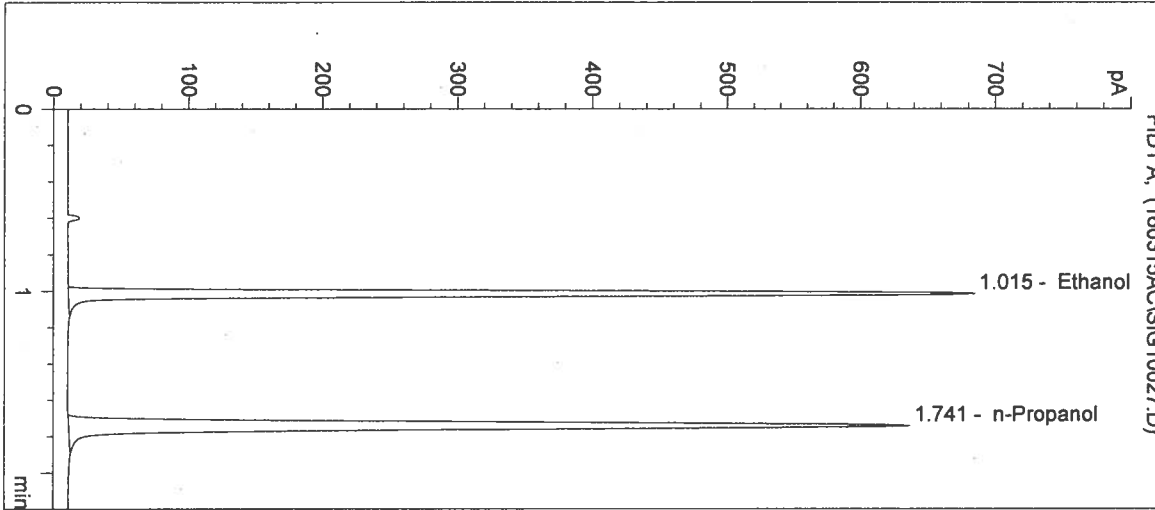
Operator: Amanda Chandler

Column: DB-ALC2

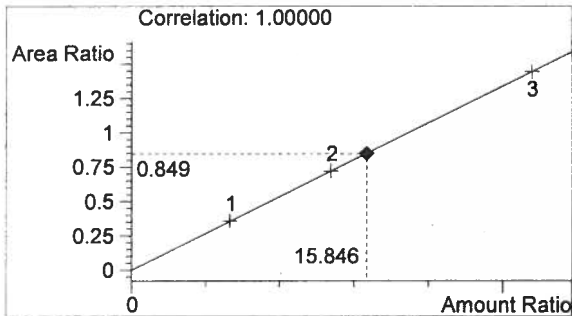
Location: Vial 27

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

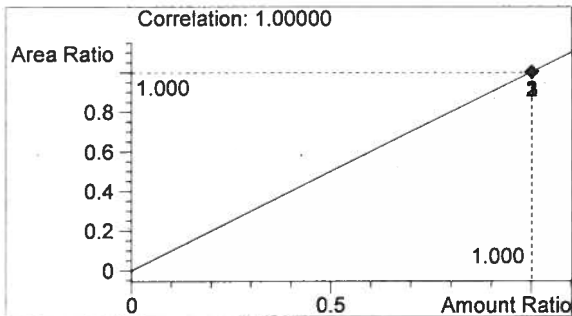
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1458	1.015
2	n-Propanol	1717	1.741



Ethanol 0.190 g/100mL



n-Propanol 0.012 g/100mL

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*AZ*

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

Inj. Date: 3/15/2016 9:12:53 AM

Sample Name: 16010 #5

Instrument: HSGC#3

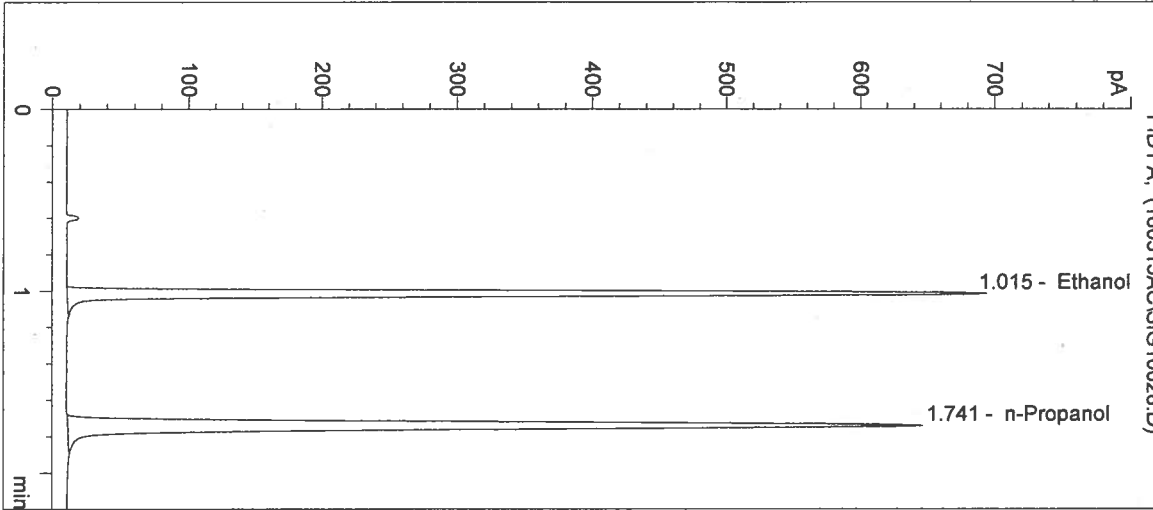
Operator: Amanda Chandler

Column: DB-ALC2

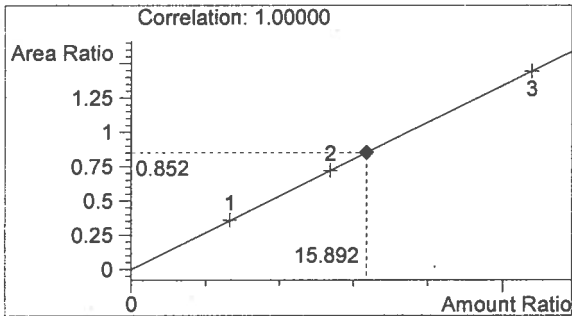
Location: Vial 28

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

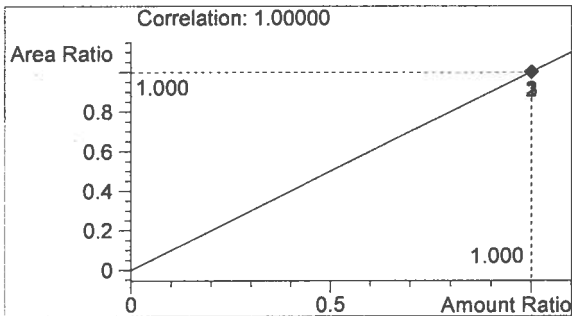
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1482	1.015
2	n-Propanol	1740	1.741



Ethanol 0.191 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: 3/15/2016 9:16:07 AM

Sample Name: CTRL 2- 0.10

Instrument: HSGC#3

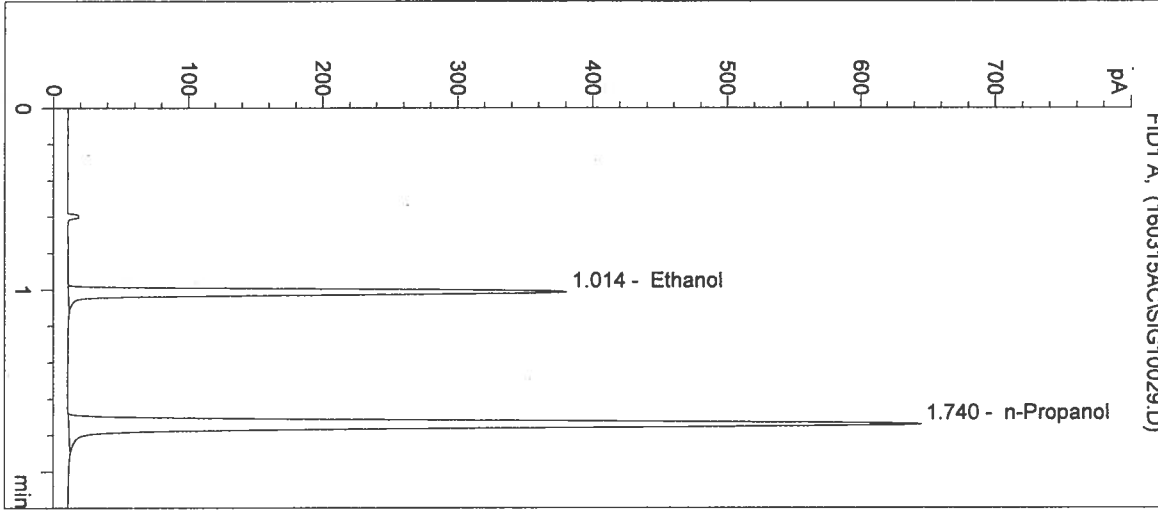
Operator: Amanda Chandler

Column: DB-ALC2

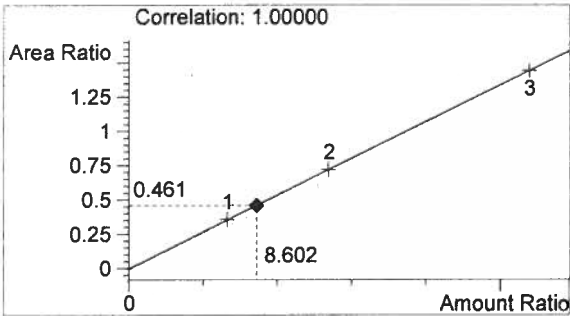
Location: Vial 29

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

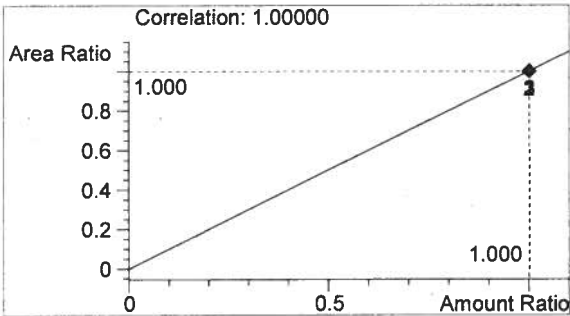
Sample Info: 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	803	1.014
2	n-Propanol	1741	1.740



Ethanol 0.103 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: 3/15/2016 9:19:19 AM

Sample Name: NEG CTRL

Instrument: HSGC#3

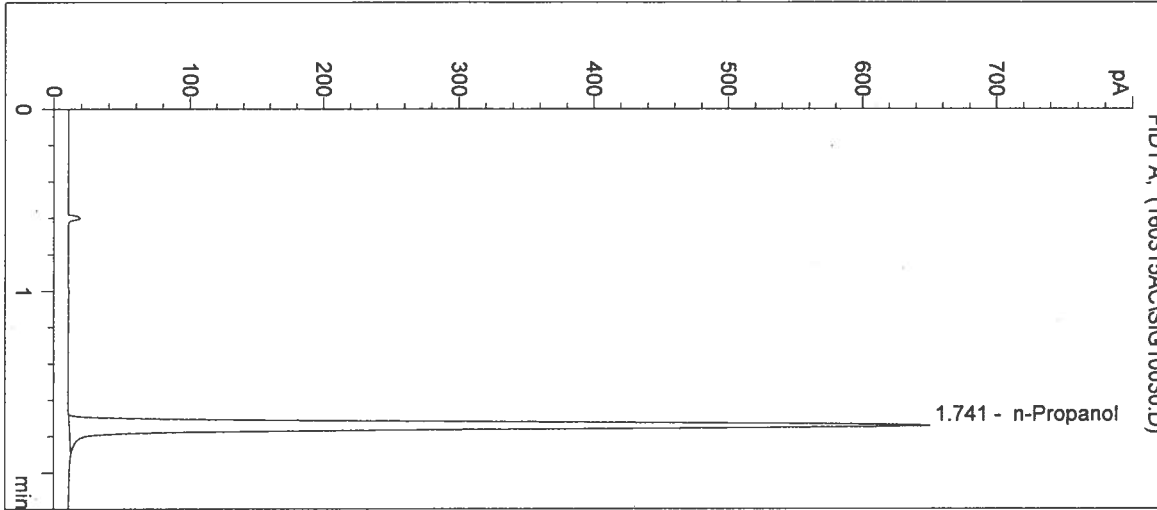
Operator: Amanda Chandler

Column: DB-ALC2

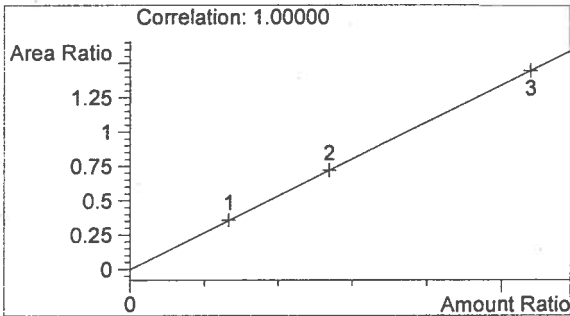
Location: Vial 30

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

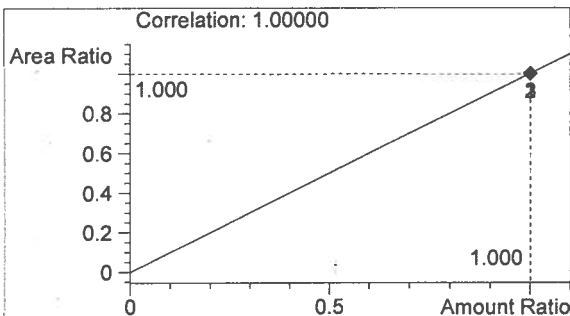
Sample Info: 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1752	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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: 160318JK  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E1015-01 - Exp. 04/29/2016  
 Ethanol Calibrator 2, E1015-02 - Exp. 04/29/2016  
 Ethanol Calibrator 3, E1015-03 - Exp. 04/29/2016  
 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#P0216 - Exp. 05/02/2016  
  
 Calibration vials 1-9 filed with 16008.

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	negative control	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	negative control	SIMALC3	1	Ctrl Samp		
10	Vial 10	16008-1	SIMALC3	1	Sample		
11	Vial 11	16008-2	SIMALC3	1	Sample		
12	Vial 12	16008-3	SIMALC3	1	Sample		
13	Vial 13	16008-4	SIMALC3	1	Sample		
14	Vial 14	16008-5	SIMALC3	1	Sample		
15	Vial 15	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
16	Vial 16	negative control	SIMALC3	1	Ctrl Samp		
17	Vial 17	16009-1	SIMALC3	1	Sample		
18	Vial 18	16009-2	SIMALC3	1	Sample		
19	Vial 19	16009-3	SIMALC3	1	Sample		
20	Vial 20	16009-4	SIMALC3	1	Sample		
21	Vial 21	16009-5	SIMALC3	1	Sample		
22	Vial 22	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
23	Vial 23	negative control	SIMALC3	1	Ctrl Samp		
24	Vial 24	16010-1	SIMALC3	1	Sample		
25	Vial 25	16010-2	SIMALC3	1	Sample		

16010  
*Jn 3/24/16*

*JR*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
26	Vial 26	16010-3	SIMALC3	1	Sample		
27	Vial 27	16010-4	SIMALC3	1	Sample		
28	Vial 28	16010-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	negative control	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!

16010

*Jn3/24/16*

*JR*

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

Inj. Date: 3/18/2016 3:53:52 PM

Sample Name: 16010-1

Instrument: HSGC#3

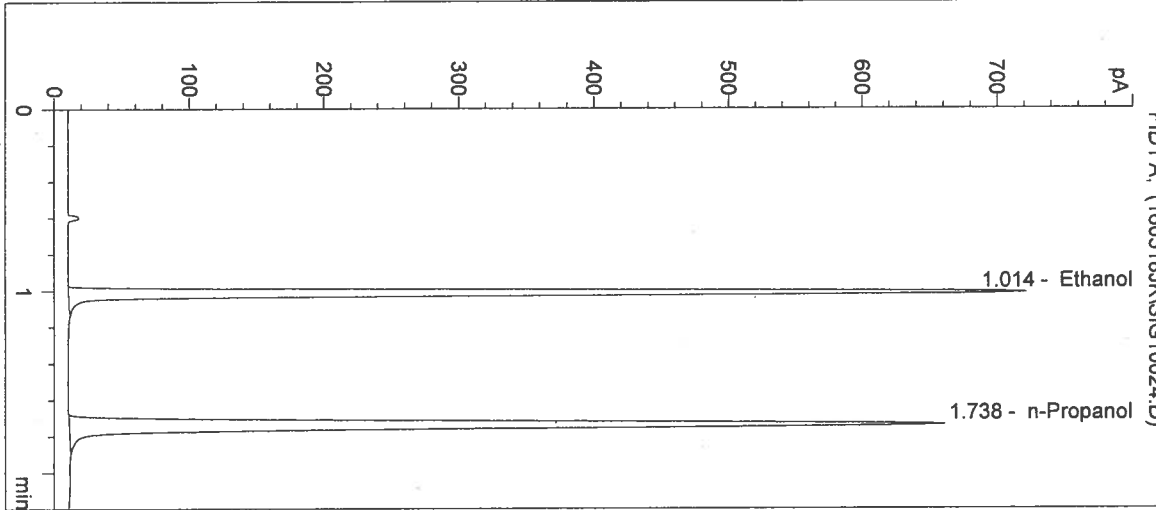
Operator: Justin Knoy

Column: DB-ALC2

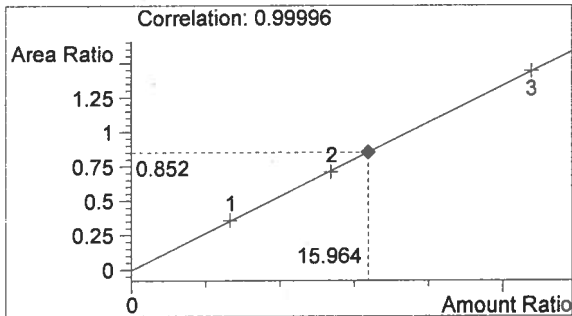
Location: Vial 24

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

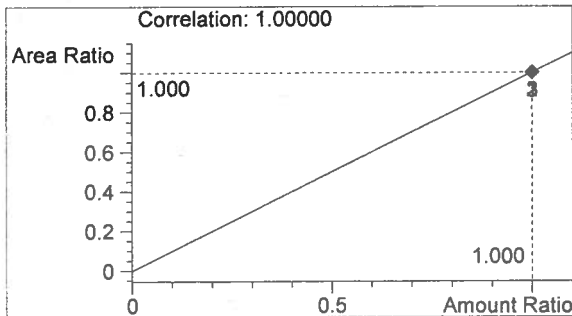
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1512	1.014
2	n-Propanol	1774	1.738



Ethanol 0.192 g/100mL



n-Propanol 0.012 g/100mL

*JK*

*JK*

Inj. Date: 3/18/2016 3:57:05 PM

Sample Name: 16010-2

Instrument: HSGC#3

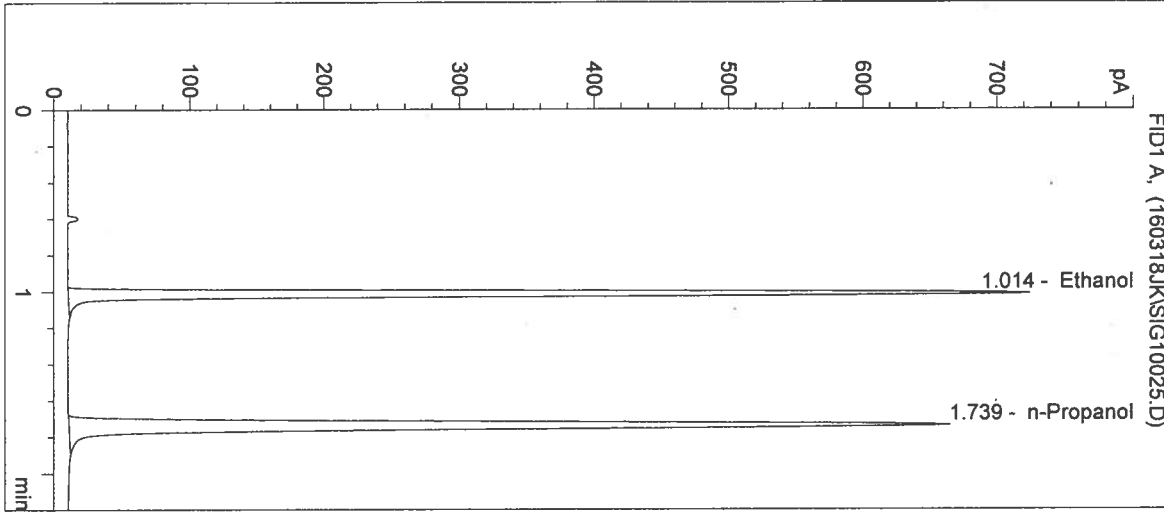
Operator: Justin Knoy

Column: DB-ALC2

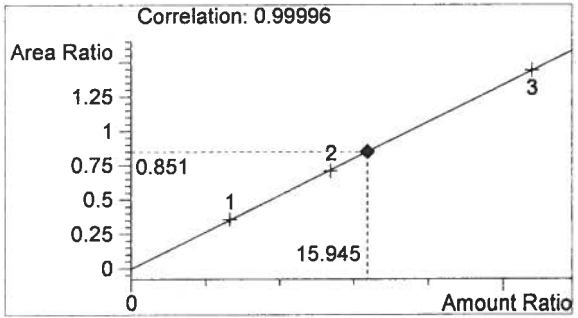
Location: Vial 25

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

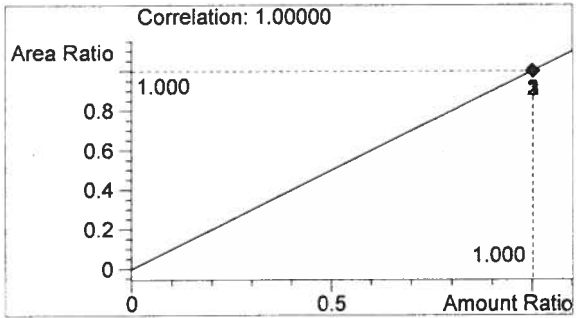
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1518	1.014
2	n-Propanol	1784	1.739



Ethanol 0.191 g/100mL



n-Propanol 0.012 g/100mL

*JR*

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

Inj. Date: 3/18/2016 4:00:18 PM

Sample Name: 16010-3

Instrument: HSGC#3

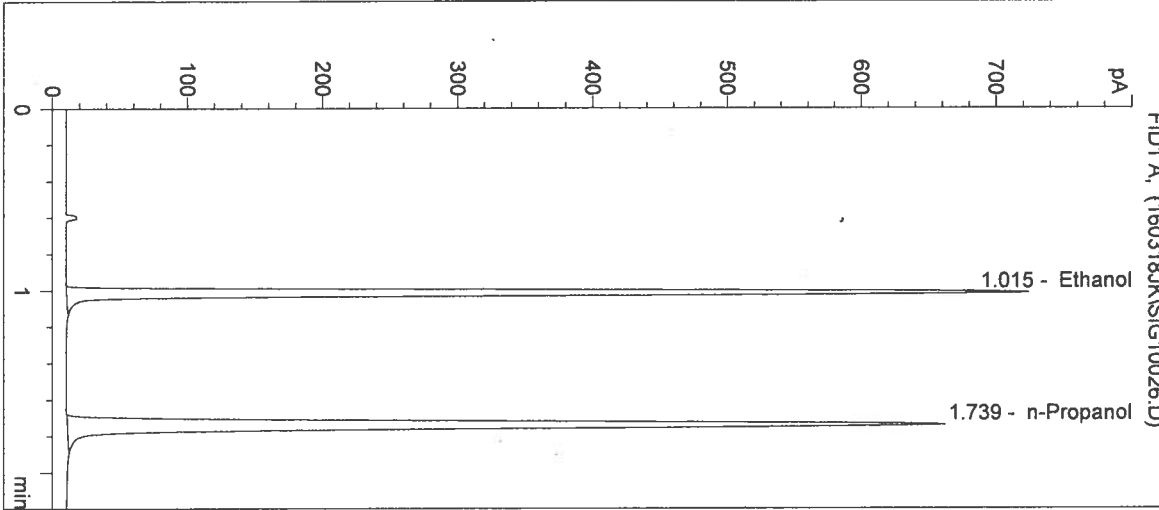
Operator: Justin Knoy

Column: DB-ALC2

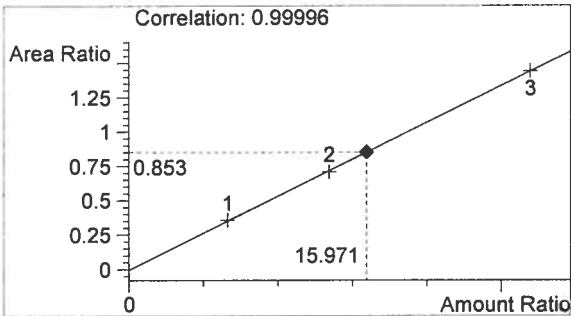
Location: Vial 26

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

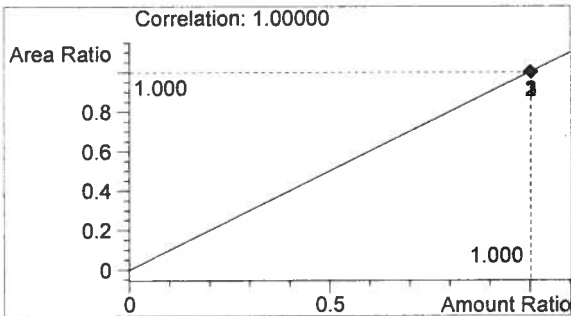
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1513	1.015
2	n-Propanol	1775	1.739



Ethanol 0.192 g/100mL

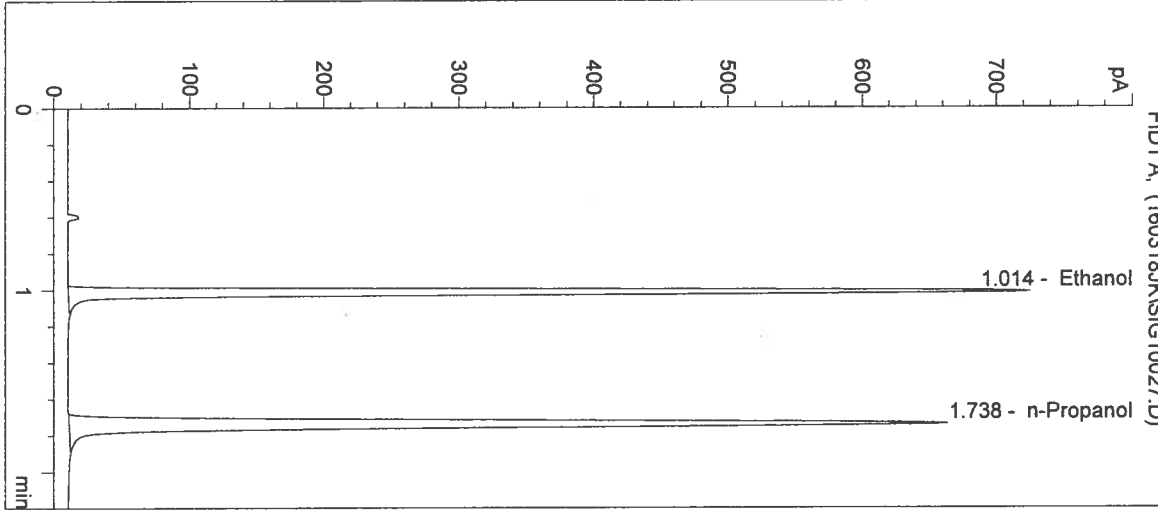


n-Propanol 0.012 g/100mL

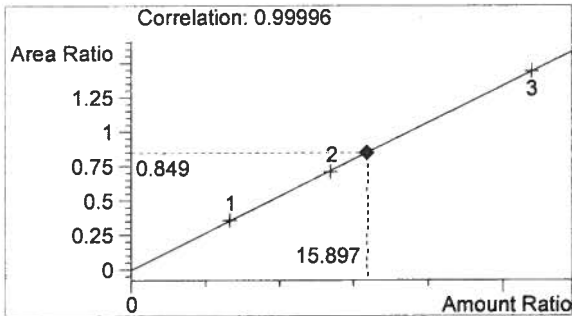
*JK*

*JK*

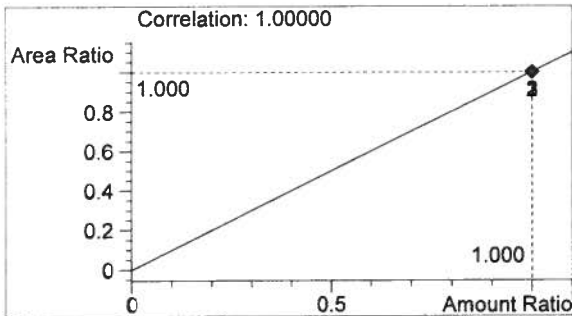
Inj. Date: 3/18/2016 4:03:32 PM      Sample Name: 16010-4  
 Instrument: HSGC#3      Operator: Justin Knoy  
 Column: DB-ALC2      Location: Vial 27  
 Method: C:\HPCHEM\2\METHODS\SIMALC3.M  
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1510	1.014
2	n-Propanol	1779	1.738



Ethanol      0.191 g/100mL



n-Propanol      0.012 g/100mL

*JK*

*JK*



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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/18/2016 4:06:45 PM

Sample Name: 16010-5

Instrument: HSGC#3

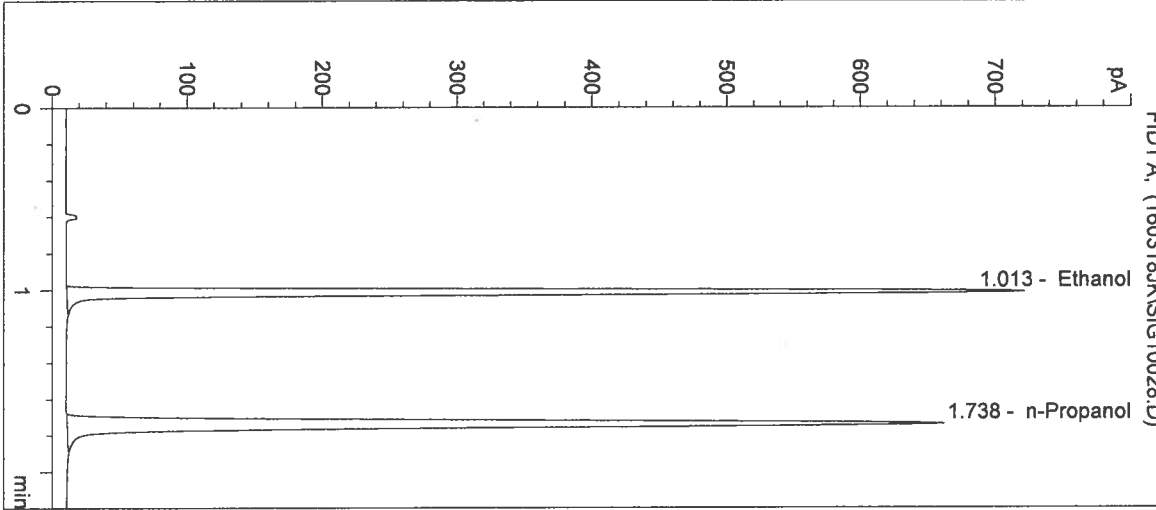
Operator: Justin Knoy

Column: DB-ALC2

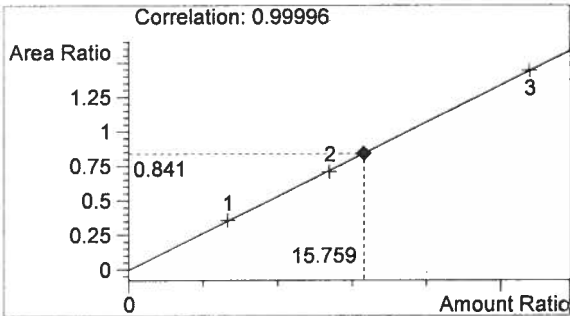
Location: Vial 28

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

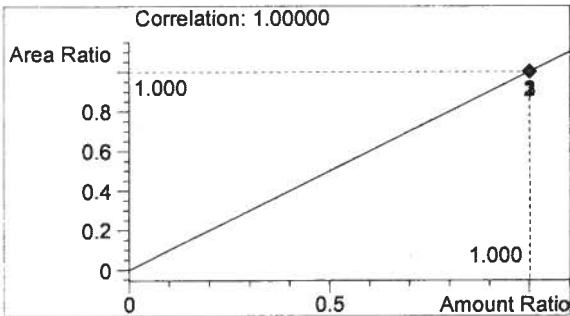
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1499	1.013
2	n-Propanol	1782	1.738



Ethanol 0.189 g/100mL



n-Propanol 0.012 g/100mL

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Inj. Date: 3/18/2016 4:10:00 PM

Sample Name: CTRL2 (0.10)

Instrument: HSGC#3

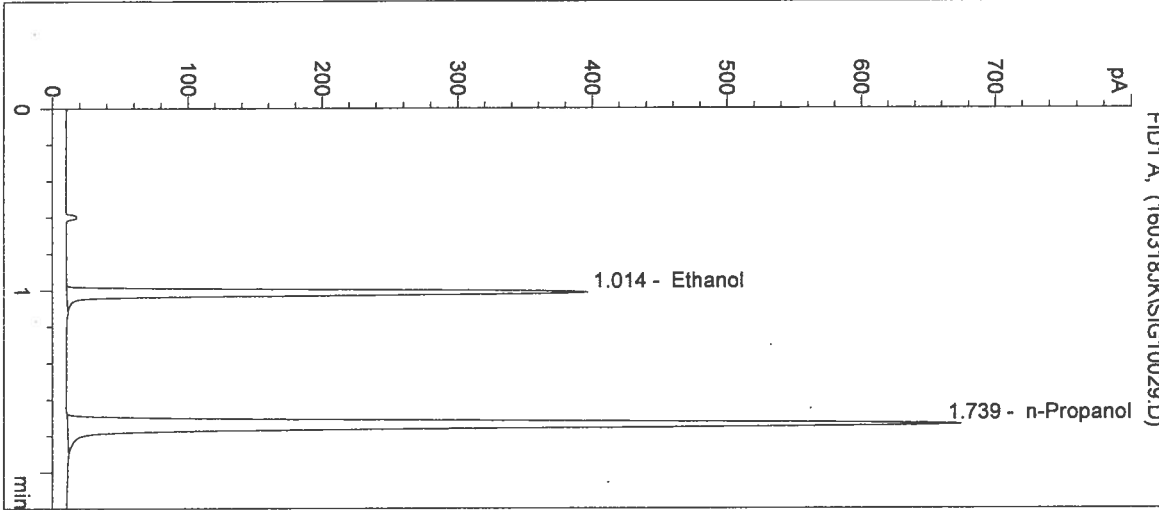
Operator: Justin Knoy

Column: DB-ALC2

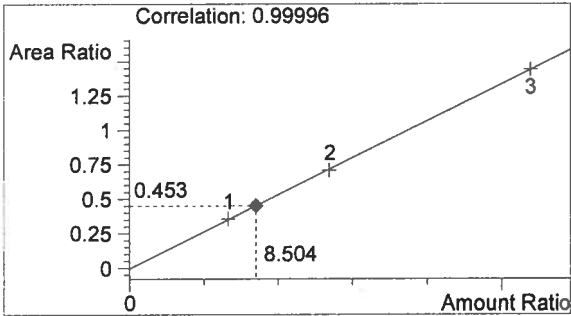
Location: Vial 29

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

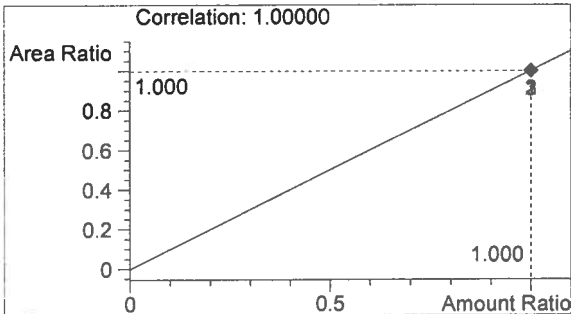
Sample Info: 0.10g/100mL ; 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	821	1.014
2	n-Propanol	1812	1.739



Ethanol 0.102 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: 3/18/2016 4:13:11 PM

Sample Name: negative control

Instrument: HSGC#3

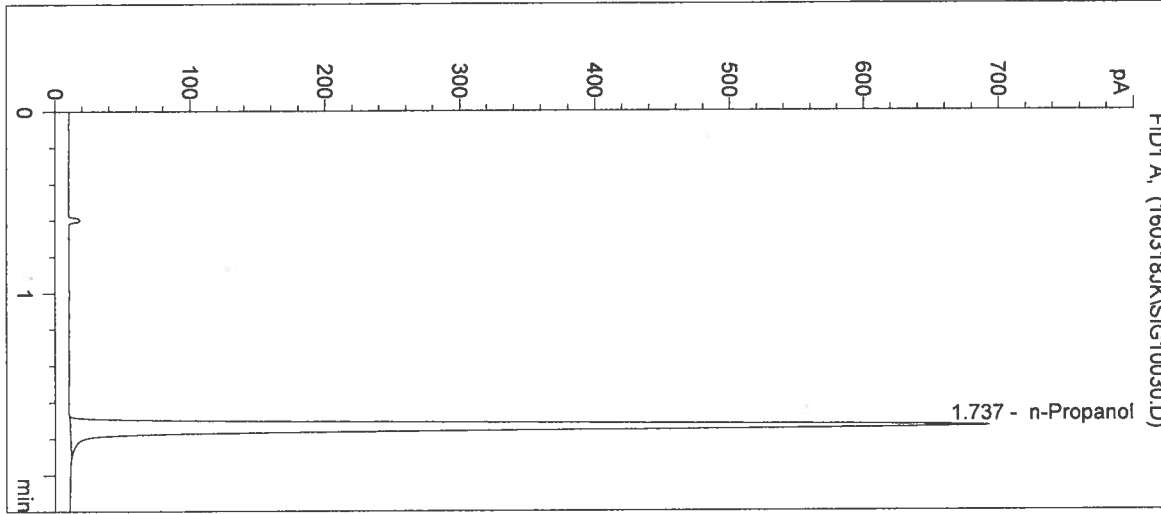
Operator: Justin Knoy

Column: DB-ALC2

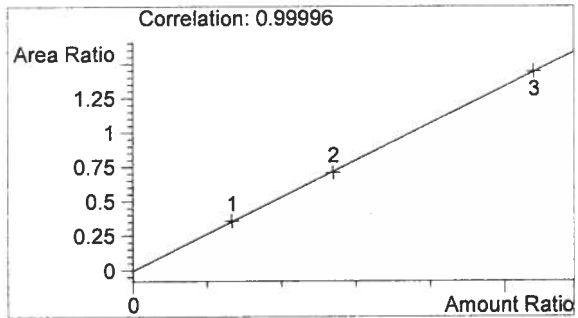
Location: Vial 30

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

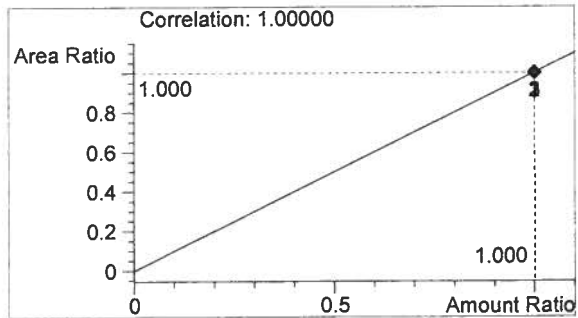
Sample Info: 16010



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1863	1.737



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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*Handwritten initials JR*