WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 13048

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: 0.08 g/210L
DATE PREPARED: 10/04/2013
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Amanda Chandler

	AC	AJL	AG	KK	CM	CSJ	JLK	LL
1	0.101	0.100	0.103	0.103	0.104	0.101	0.102	0.103
2	0.101	0.101	0.103	0.103	0.104	0.102	0.102	0.101
3	0.101	0.102	0.104	0.104	0.104	0.102	0.102	0.102
4	0.101	0.099	0.104	0.104	0.104	0.102	0.102	0.103
5	0.101	0.099	0.104	0.105	0.104	0.101	0.102	0.101
C	0.100	0.097	0.101	0.101	0.103	0.100	0.103	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1023 g/100mL
STANDARD DEVIATION: 0.00147
PRECISION CV (%): 1.43
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0832 g/210L**
EXPANDED UNCERTAINTY: ± 0.0044 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianna Peterson — Laboratory Manager — 10/31/13 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AC	Amanda Chandler	Amanda Chandler	10/04/2013
AJL	Asa J. Louis		10/07/2013
AG	Andrew Gingras		10/07/2013
KK	Katie Knorr	Katie Knorr	10/10/2013
CM	Christie Mitchell-Mata		10/10/2013
CSJ	Christopher S. Johnston		10/10/2013
JLK	Justin L. Knoy		10/11/2013
LL	Lyndsey Lowe		10/17/2013

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.

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

External Standard Solution Batch #: 13048 **Date Prepared:** 10/4/2013

Analyst:	AC	AJL	AG	KK	CM	CSJ	JLK	LL
Date Tested:	10/4/2013	10/7/2013	10/7/2013	10/10/2013	10/10/2013	10/10/2013	10/11/2013	10/17/2013
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.101	0.100	0.103	0.103	0.104	0.101	0.102	0.103
2	0.101	0.101	0.103	0.103	0.104	0.102	0.102	0.101
3	0.101	0.102	0.104	0.104	0.104	0.102	0.102	0.102
4	0.101	0.099	0.104	0.104	0.104	0.102	0.102	0.103
5	0.101	0.099	0.104	0.105	0.104	0.101	0.102	0.101
C	0.100	0.097	0.101	0.101	0.103	0.100	0.103	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0002058479	0.0003650653	0.0001016326

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

Average Solution Concentration: 0.1023 g/100mL
Standard Deviation: 0.00147 g/100mL
Precision CV (%): 1.43
Equivalent Vapor Concentration: 0.0832 g/210L
Combined Standard Uncertainty (±): 0.0022 g/210L
Expanded Uncertainty (±): 0.0044 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Brianna Peterson (Name) Brianna Peterson (Signature) 10/21/13 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 10-31-2013 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Brianna Peterson (Name) Brianna Peterson (Signature) 10/22/13 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 10-31-2013

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13048

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

Comments:

Reviewer Signature: [signature] **Date:** 10-31-2013

Reviewer Signature: N/A OB 10-31-13 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Chandler	AC	10/21/13
Andrew Gingras	AG	10/21/13
Asa Louis	AL	2013.1022
Brittany Ball		
Christie Mitchell-Mata	CM	10/22/13
Christopher Johnston	CJ	10/21/13
Justin Knoy	JK	10.22.13
Katie Knorr	KK	10/21/13
Lyndsey Lowe	LL	10.21.13
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # E13048

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

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

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

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

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

Amanda Chandler 10/21/13

Amanda Chandler Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

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

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

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

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

2013 OCT 22

Asa J. Louis — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

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

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

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

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

10/21/13

Andrew Gingras — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

I, Katie Knorr, do certify under penalty of perjury that:

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

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

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

Katie Knorr 10/21/13

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

I, Christie Mitchell-Mata, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

10/22/2013

Christie Mitchell-Mata Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

I, Christopher S. Johnston, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

10/21/13

Christopher S. Johnston — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

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

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

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

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

10.22.13

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13048

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

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

I possess the following qualifications: BS degree in Chemistry.

The external standard solution, Lot Number 13048, was prepared in the Washington State Toxicology Laboratory on 10/4/2013. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 10/4/2014.

Seattle, WA

Lyndsey Lowe 10·21·13

Lyndsey Lowe Date
Forensic Toxicologist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 10/4/13 Initials of Preparer: AC

Expiration Date: 10/4/14

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

Date the 200-proof Ethanol bottle was opened: 9/11/13

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	13048

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑

10/4/13
Date

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

Comments:

Amanda Chandler
Analyst Signature

10/4/13
Date

Sequence: C:\HPCHEM\2\SEQUENCE\ACESS3.S

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:	131004AC
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

0.04 Control - Lot #A096181 - Exp. 10/2017
0.10 Control - Lot #A095230 - Exp. 09/2017
0.20 Control - Lot #A093219 - Exp. 05/2017

n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

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-AC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-AC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-AC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-AC	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-AC	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 13048 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 13048 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 13048 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 13048 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-AC	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-AC	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	

AC

Sequence Table (Back Injector):

No entries - empty table!

13048

AC

Calibration Table

Calib. Data Modified : Friday, October 04, 2013 11:58:51 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	7.87500e-2	544.73773	1.44565e-4	1		Ethanol
		2	1.58140e-1	1089.73706	1.45118e-4			
		3	3.14420e-1	2154.11572	1.45962e-4			
1.742	1	1	1.20000e-2	1567.78552	7.65411e-6	I1		n-Propanol
		2	1.20000e-2	1570.30664	7.64182e-6			
		3	1.20000e-2	1566.58679	7.65997e-6			

Peak Sum Table

No Entries in table

13048

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Calibration Curves

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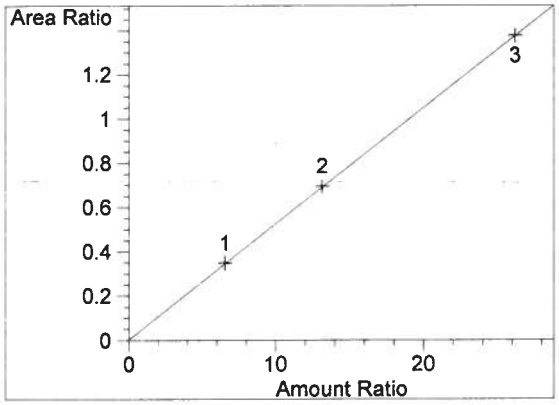
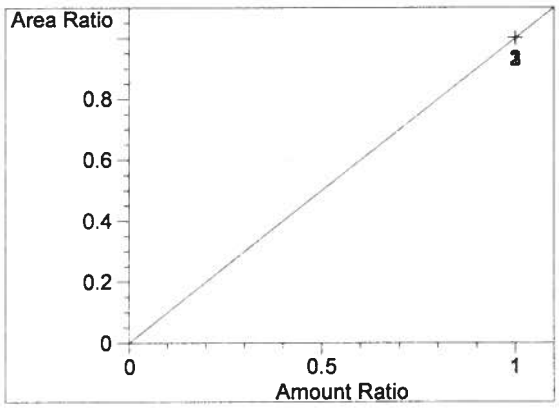


Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00191
Formula: y = mx + b
m: 5.24496e-2
b: 1.69852e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

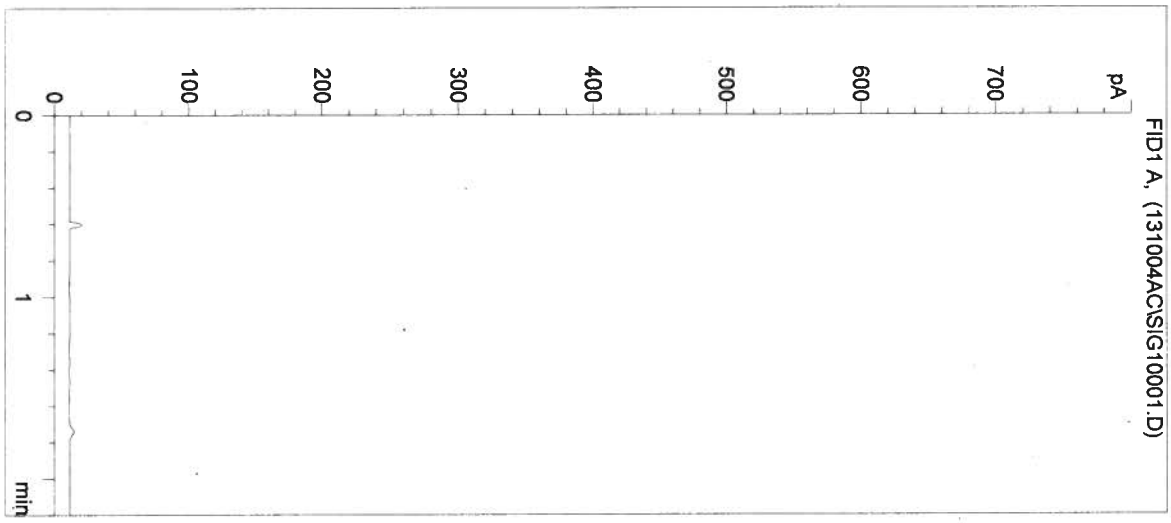
13048

AC

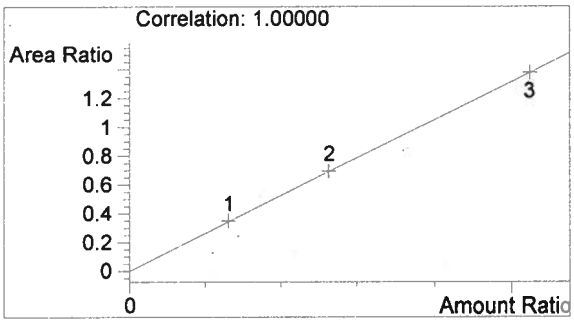
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 11:47:16 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

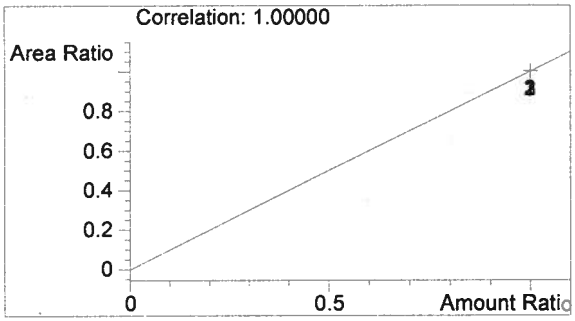
Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

13048

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10001.D

Washington State Patrol Toxicology Laboratory
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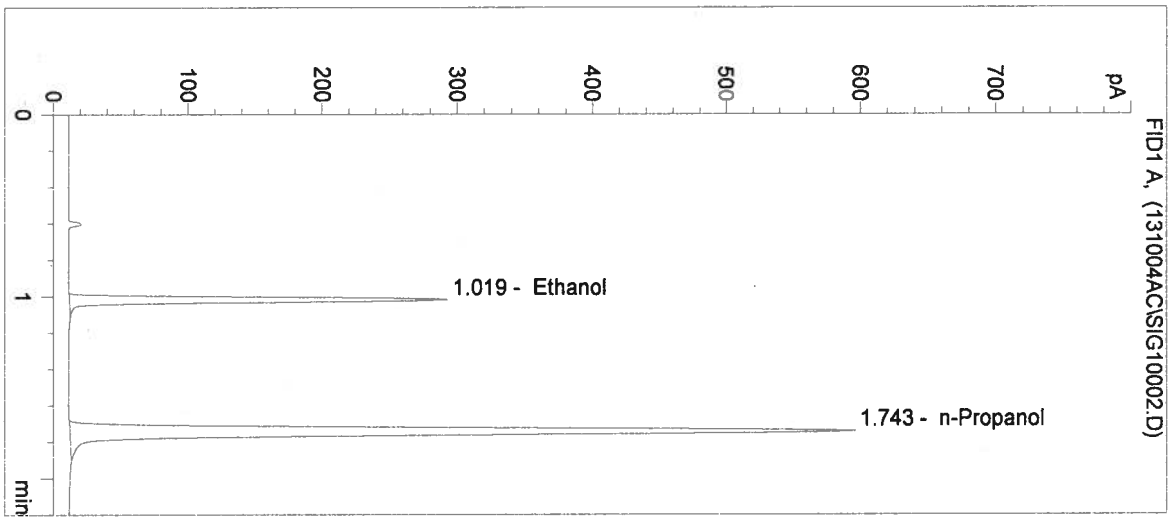
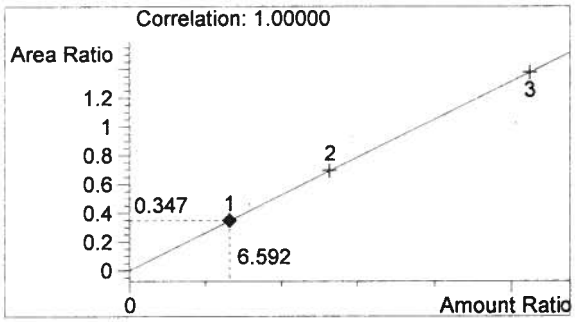
Inj. Date: 10/4/2013 11:50:23 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

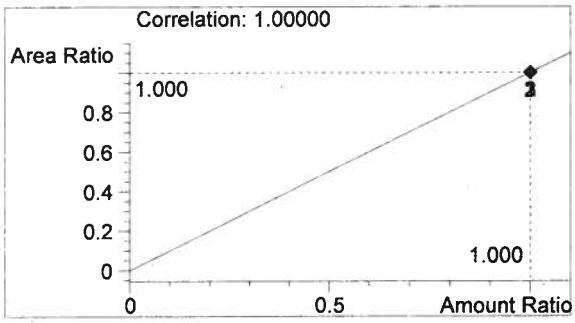
Sample Name: 0.079 CAL 1
Operator: Amanda Chandler
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	545	1.019
2	n-Propanol	1568	1.743



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

13048

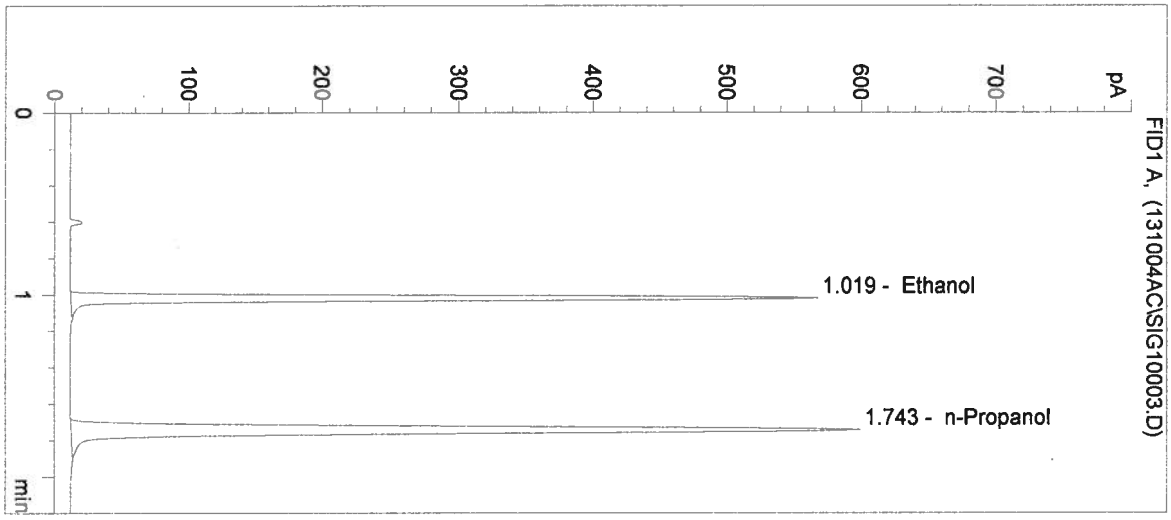
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10002.D

AC

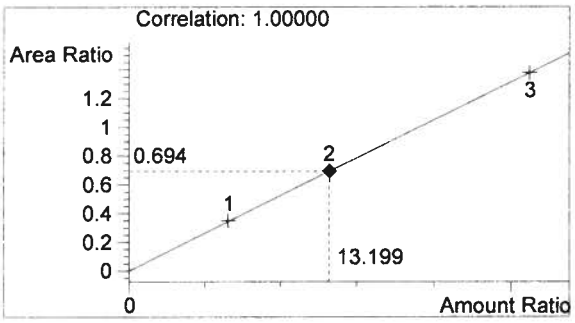
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 11:53:31 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

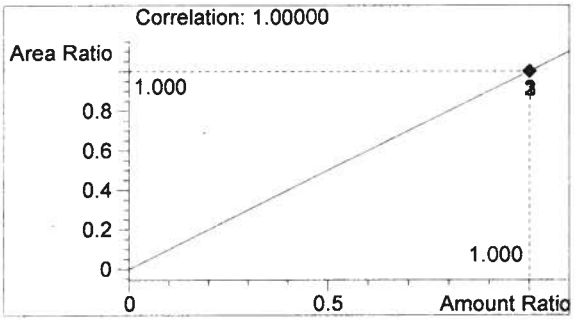
Sample Name: 0.158 CAL 2
Operator: Amanda Chandler
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.019
2	n-Propanol	1570	1.743



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

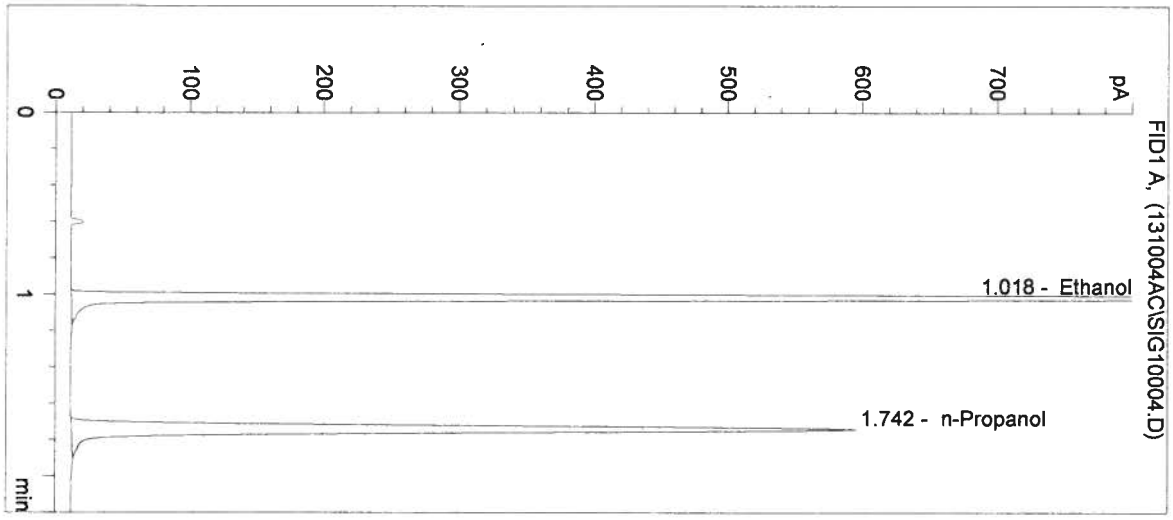
13048

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10003.D

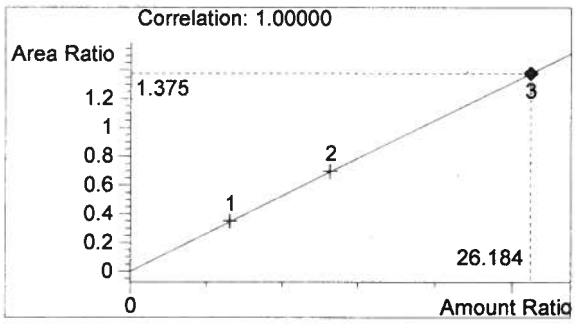
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 11:56:39 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

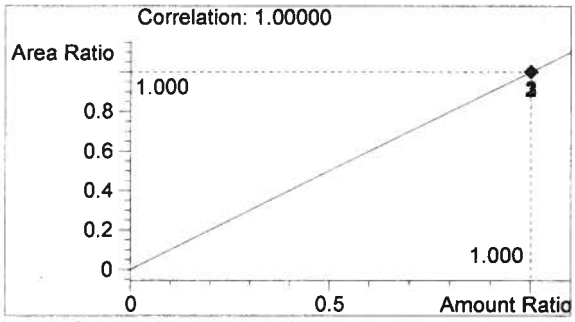
Sample Name: 0.316 CAL 3
Operator: Amanda Chandler
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2154	1.018
2	n-Propanol	1567	1.742



Ethanol 0.314 g/100mL



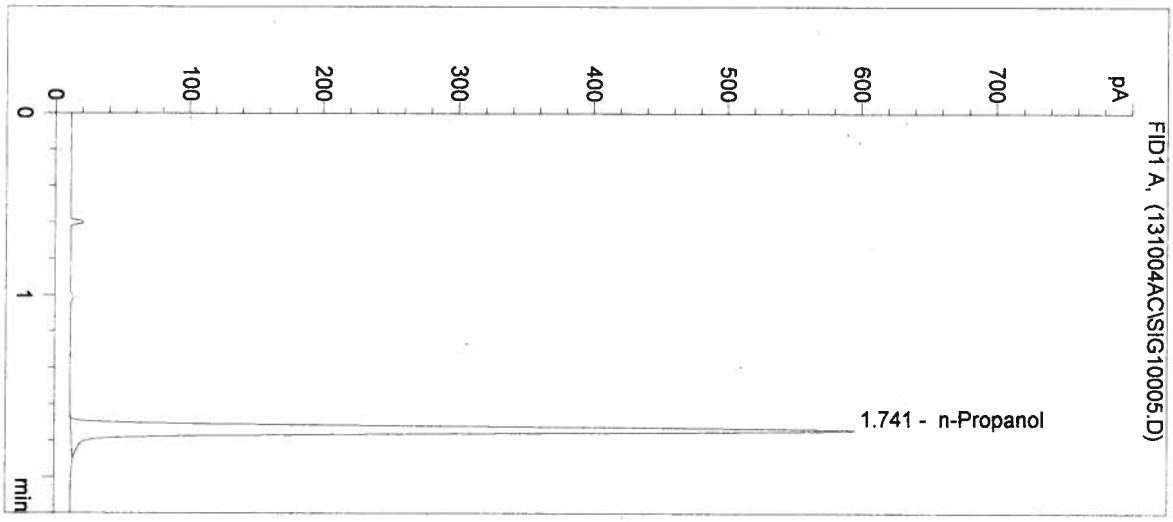
n-Propanol 0.012 g/100mL

13048

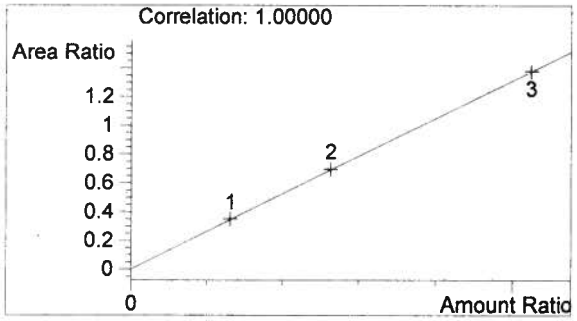
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 11:59:46 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

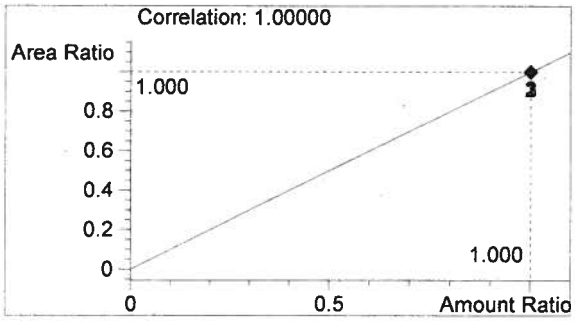
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1567	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

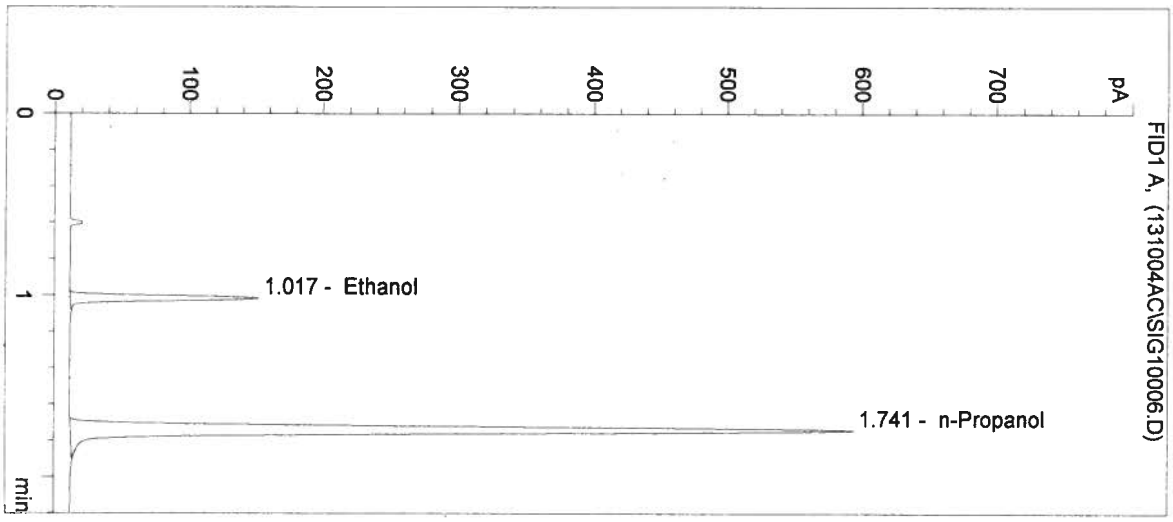
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10005.D

AC

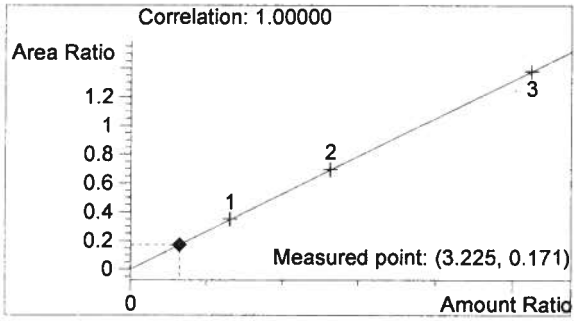
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:02:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

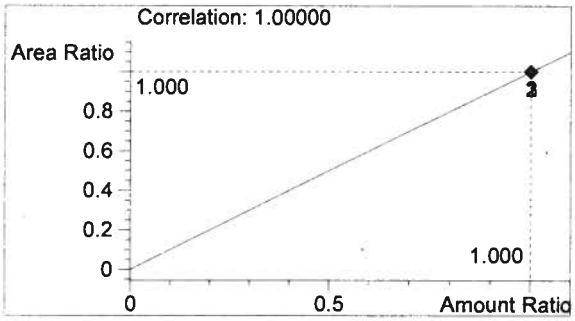
Sample Name: 0.04 CTRL-AC
Operator: Amanda Chandler
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	267	1.017
2	n-Propanol	1560	1.741



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

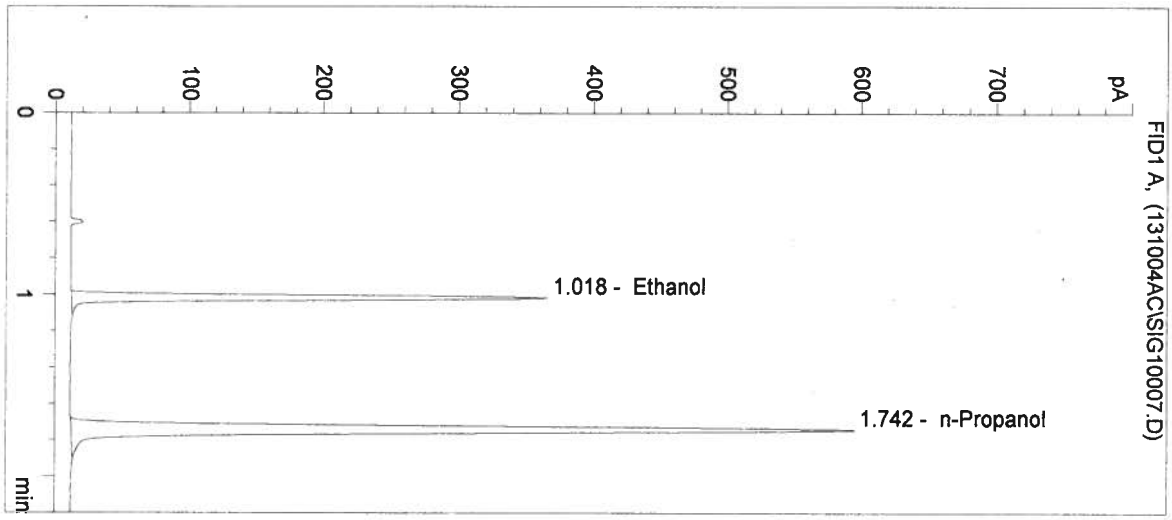
13048

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10006.D

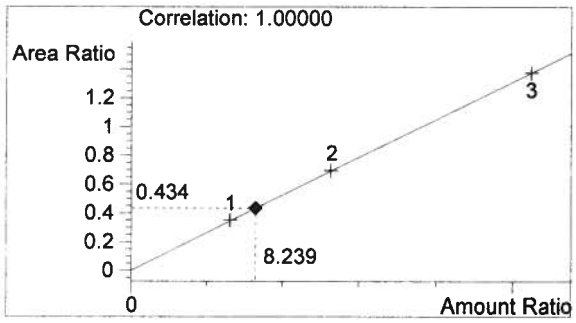
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:06:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

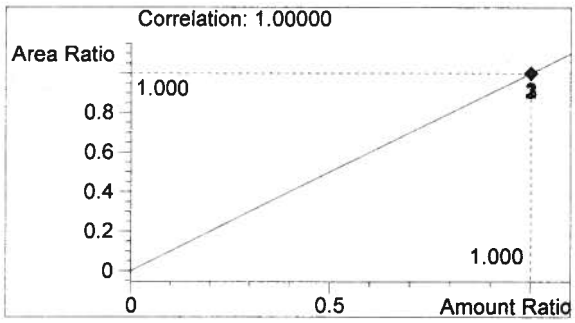
Sample Name: 0.10 CTRL-AC
Operator: Amanda Chandler
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	679	1.018
2	n-Propanol	1566	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

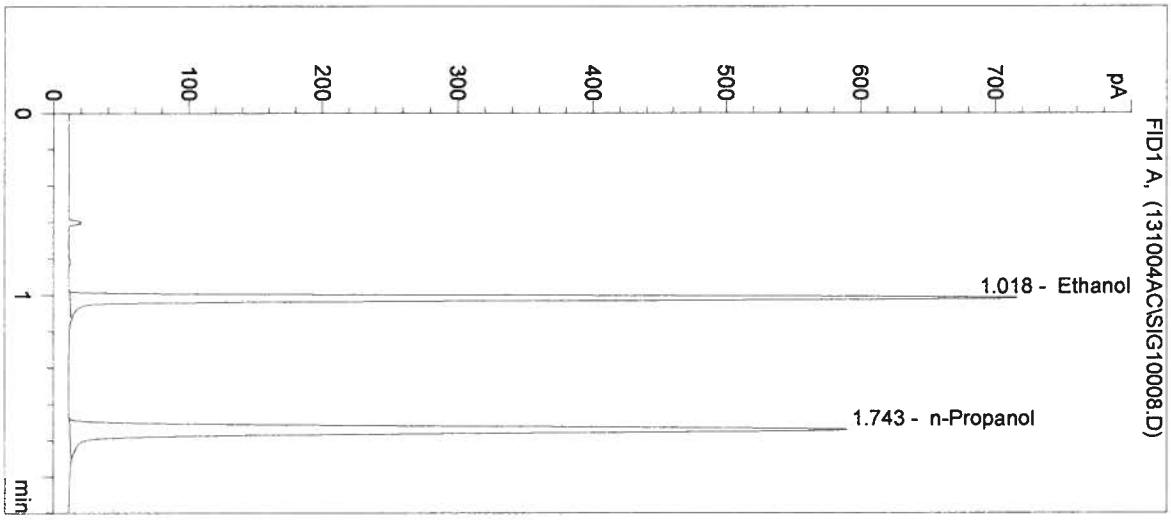
13048

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10007.D

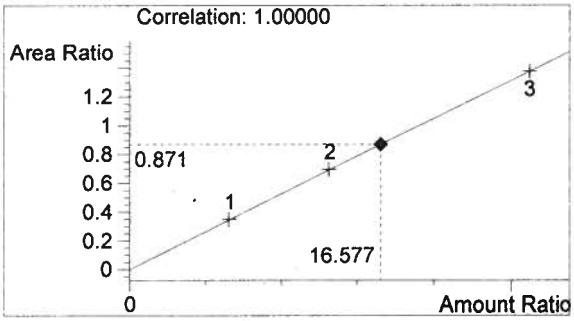
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:09:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

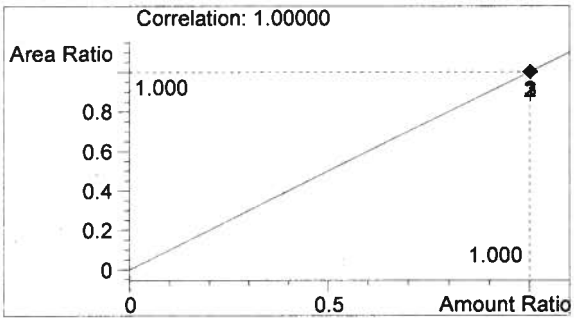
Sample Name: 0.20 CTRL-AC
Operator: Amanda Chandler
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1348	1.018
2	n-Propanol	1548	1.743



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13048

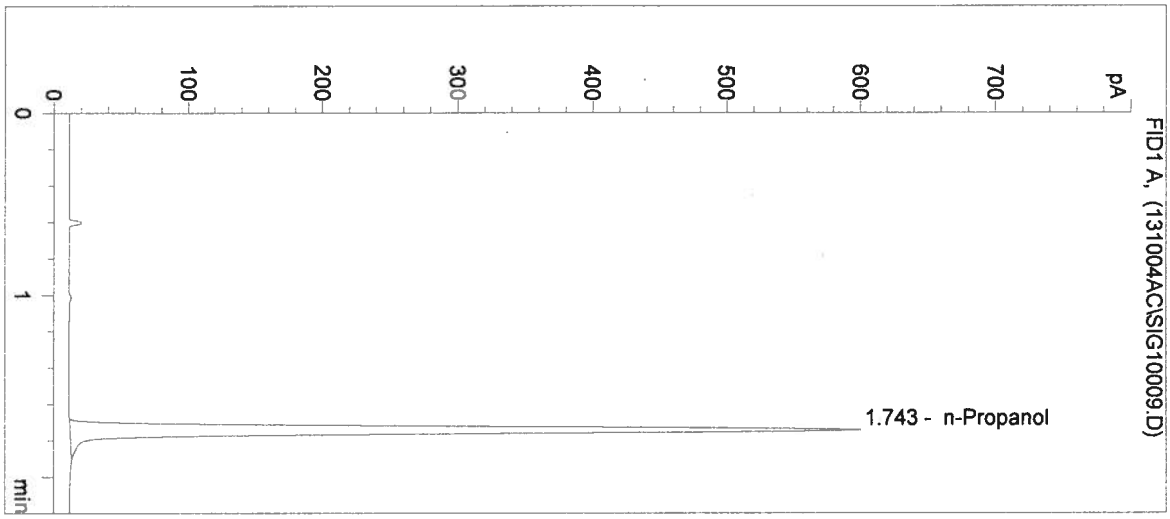
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10008.D

AC

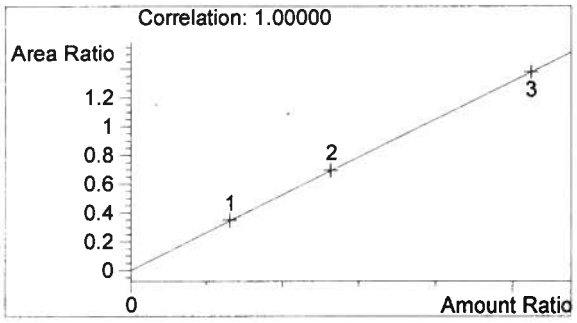
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:12:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

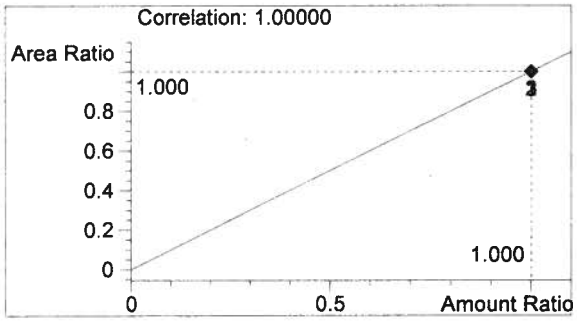
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1578	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

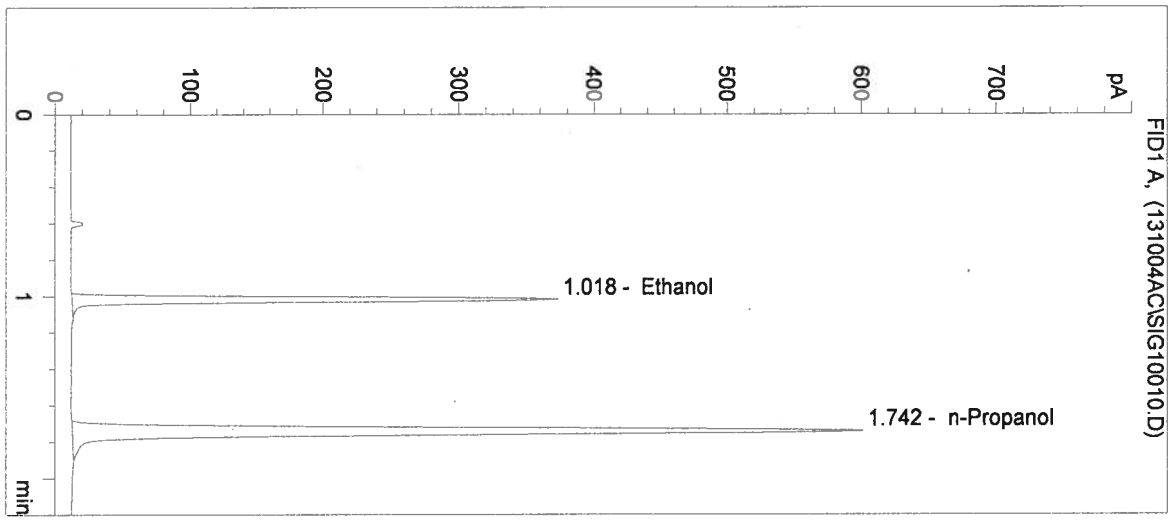
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10009.D

PC

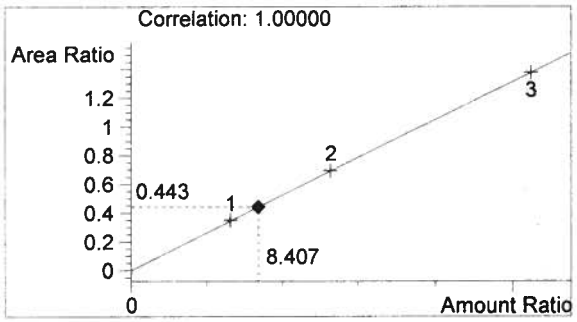
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:15:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

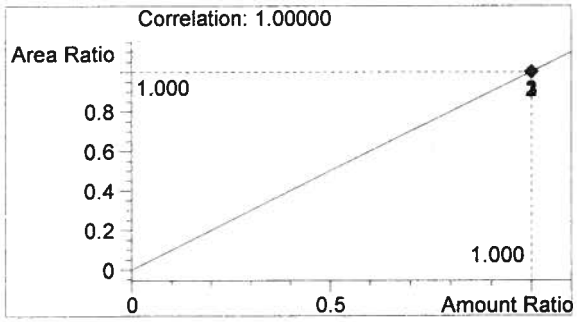
Sample Name: ESS 13048 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.018
2	n-Propanol	1580	1.742



Ethanol 0.101 g/100mL



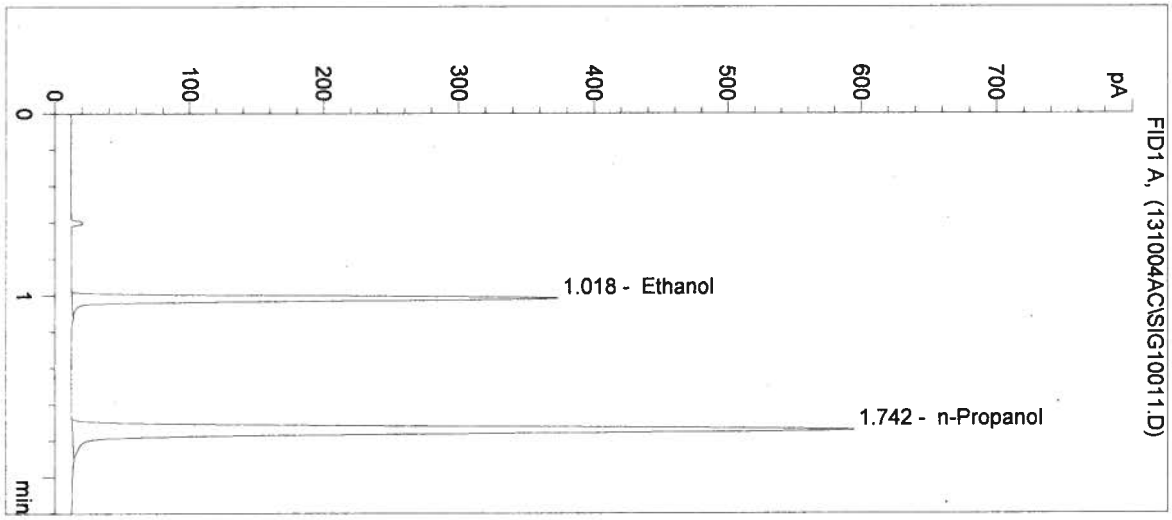
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10010.D

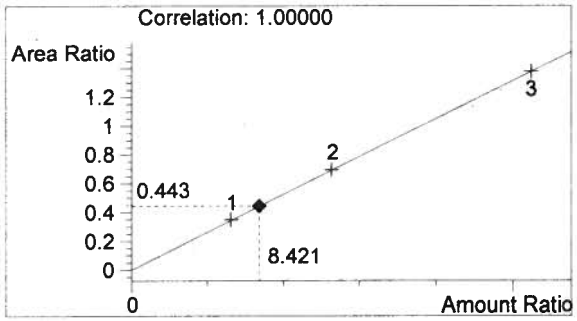
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:18:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

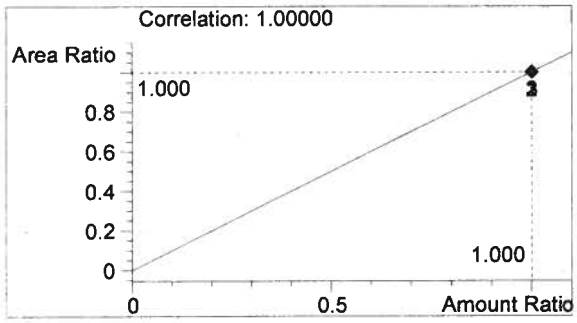
Sample Name: ESS 13048 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	692	1.018
2	n-Propanol	1560	1.742



Ethanol 0.101 g/100mL

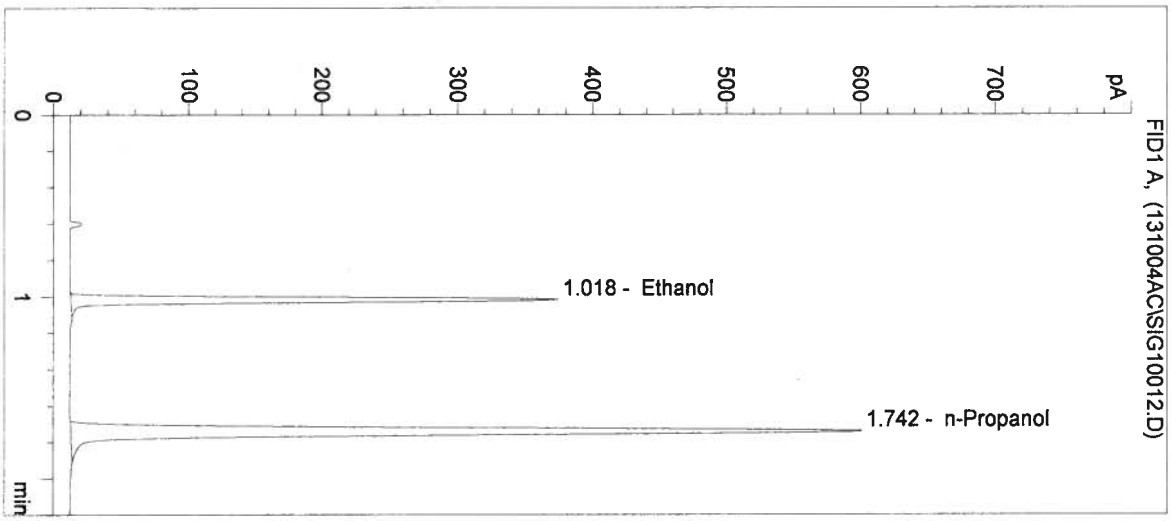


n-Propanol 0.012 g/100mL

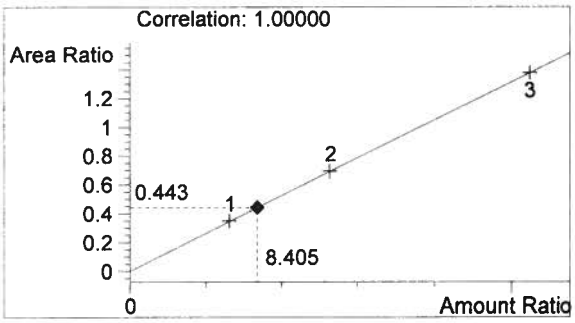
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:21:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

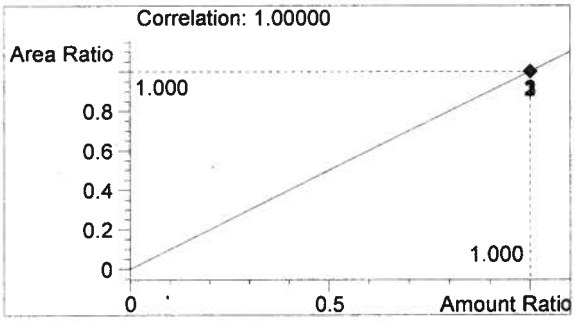
Sample Name: ESS 13048 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.018
2	n-Propanol	1579	1.742



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

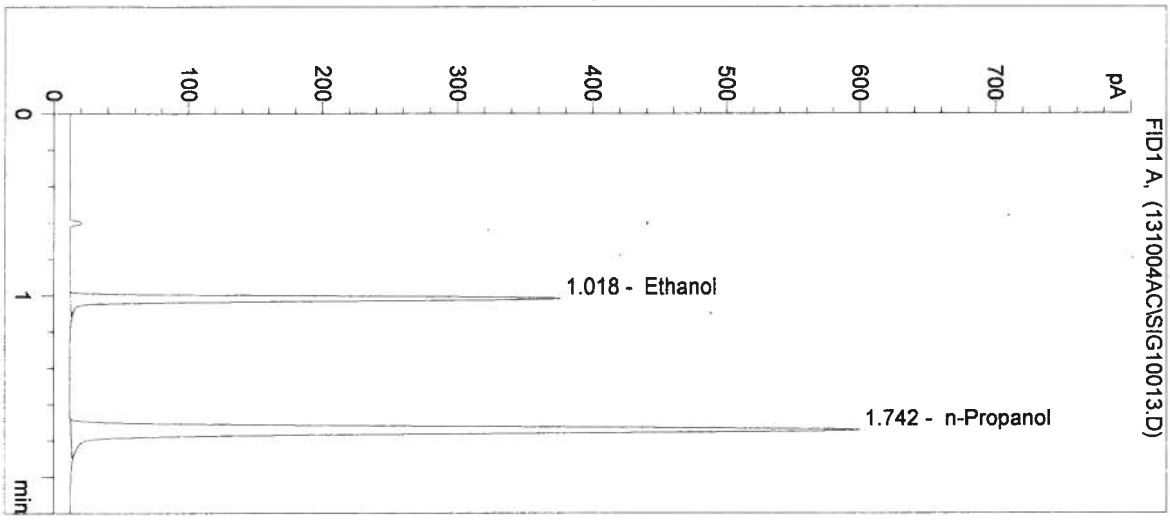
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10012.D

AC

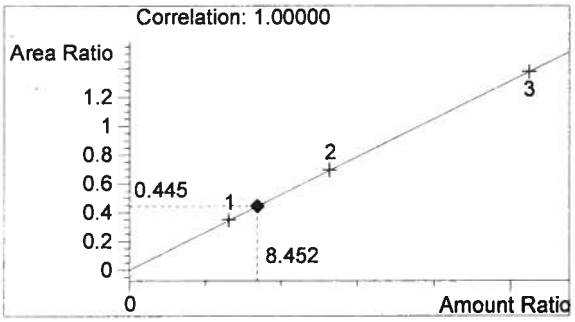
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:24:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

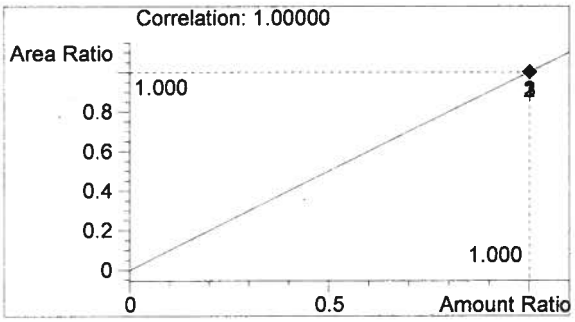
Sample Name: ESS 13048 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1576	1.742



Ethanol 0.101 g/100mL

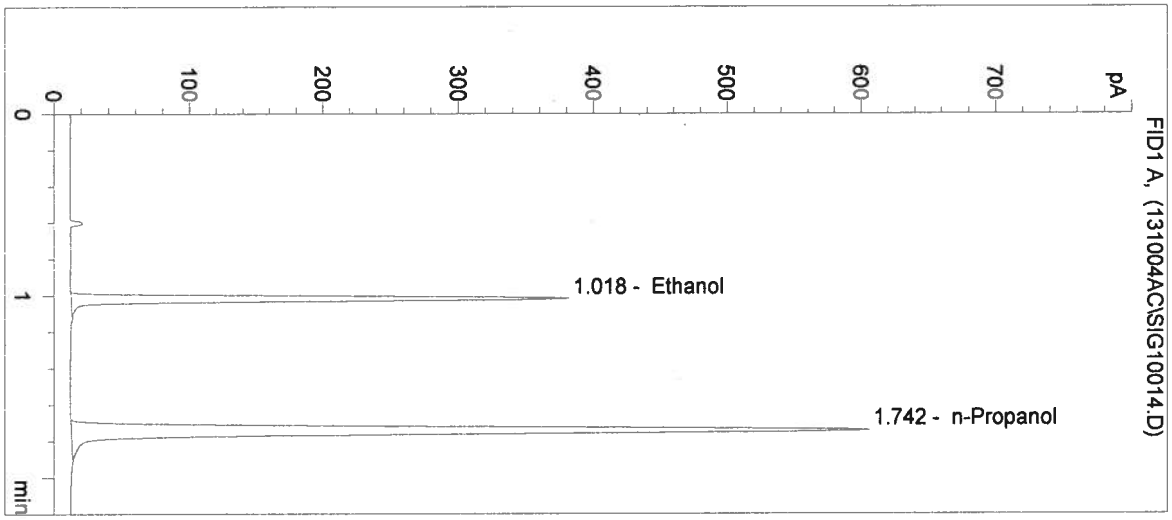


n-Propanol 0.012 g/100mL

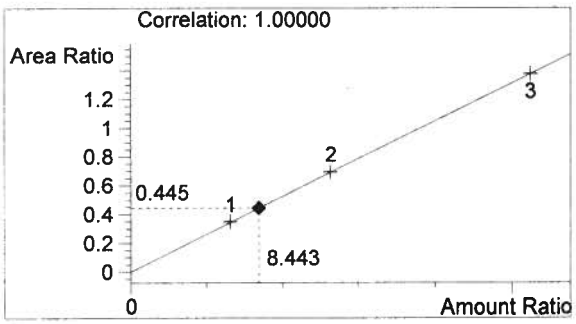
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:27:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

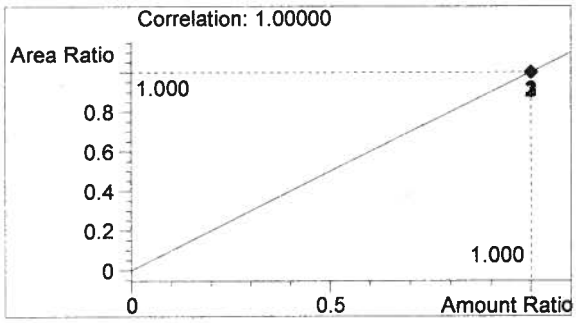
Sample Name: ESS 13048 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	705	1.018
2	n-Propanol	1586	1.742



Ethanol 0.101 g/100mL



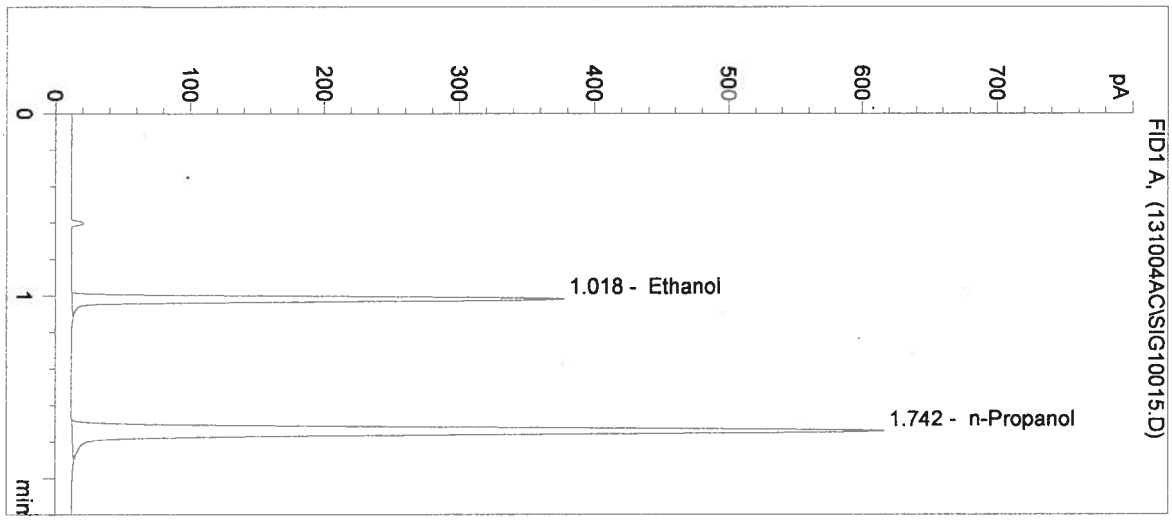
n-Propanol 0.012 g/100mL

NC

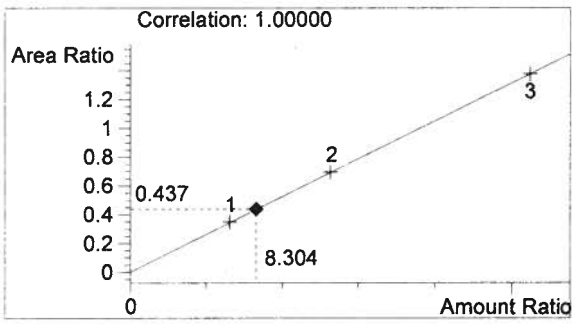
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:31:02 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

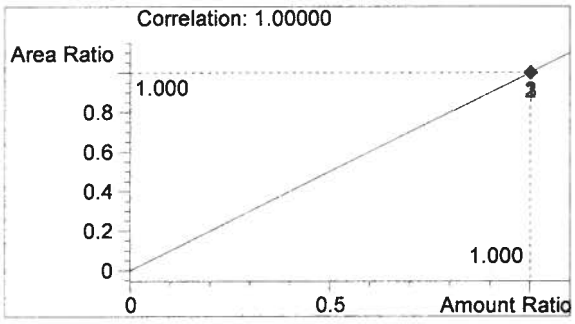
Sample Name: 0.10 CTRL-AC
Operator: Amanda Chandler
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.018
2	n-Propanol	1620	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13048

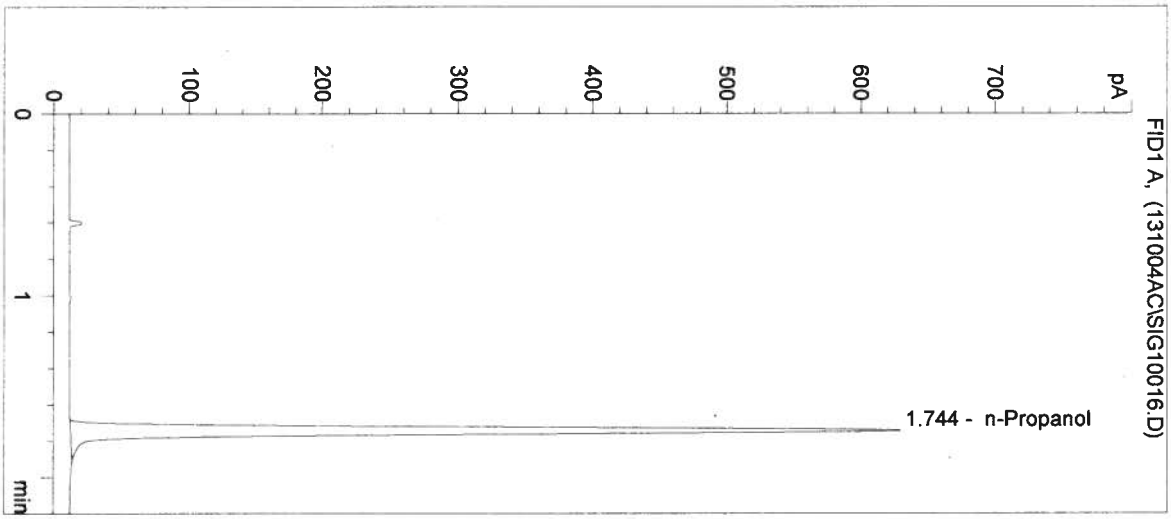
Data File: C:\HPCHEM\2\DATA\131004AC\SIG10015.D

pc

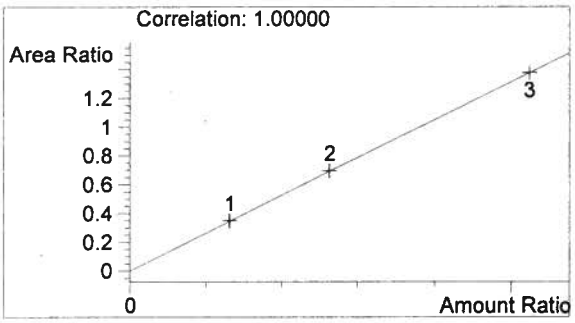
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/4/2013 12:34:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

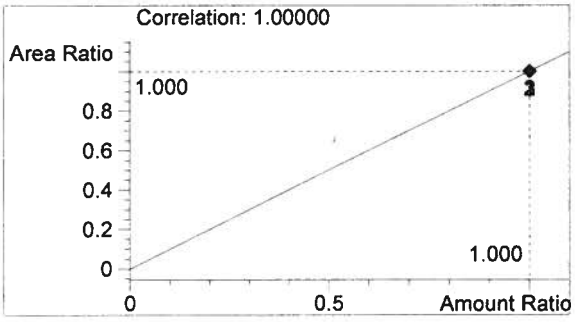
Sample Name: NEG CTRL-AC
Operator: Amanda Chandler
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1661	1.744



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

Data File: C:\HPCHEM\2\DATA\131004AC\SIG10016.D

AC

Sequence: C:\HPCHEM\2\SEQUENCE\AL-ESS3.S

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:	131007A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 cal 1 e0713-01 exp 01/24/2014
0.158 cal 2 e0713-02 exp 01/24/2014
0.316 cal 3 e0713-03 exp 01/24/2014
0.04 control a096181 exp 10/2017
0.10 control a095230 exp 09/2017
0.20 control a093219 exp 05/2017
istd p0913 exp 12/10/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - 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 control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	13048 #1	SIMALC3	1	Sample		
11	Vial 11	13048 #2	SIMALC3	1	Sample		
12	Vial 12	13048 #3	SIMALC3	1	Sample		
13	Vial 13	13048 #4	SIMALC3	1	Sample		
14	Vial 14	13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - 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	

AL

Sequence: C:\HPCHEM\2\SEQUENCE\AL-ESS3.S

Sequence Table (Back Injector):

No entries - empty table!

ESS 13048
BATA 131007 A1

AL

Calibration Table

Calib. Data Modified : Monday, October 07, 2013 8:21:38 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	7.87500e-2	596.46838	1.32027e-4	1		Ethanol
		2	1.58140e-1	1093.87549	1.44569e-4			
		3	3.14420e-1	2135.39209	1.47242e-4			
1.741	1	1	1.20000e-2	1576.34546	7.61254e-6	I1		n-Propanol
		2	1.20000e-2	1558.23987	7.70100e-6			
		3	1.20000e-2	1548.53259	7.74927e-6			

Peak Sum Table

No Entries in table

13048

DATA 13,007A1

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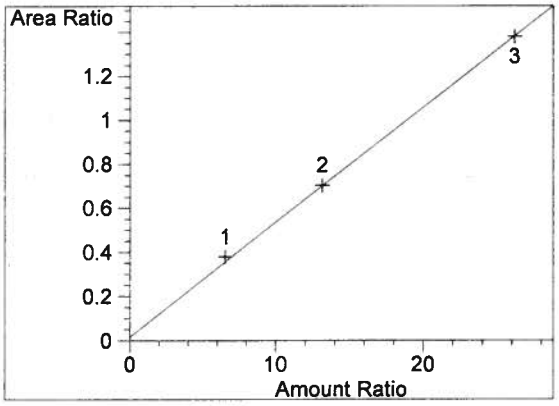
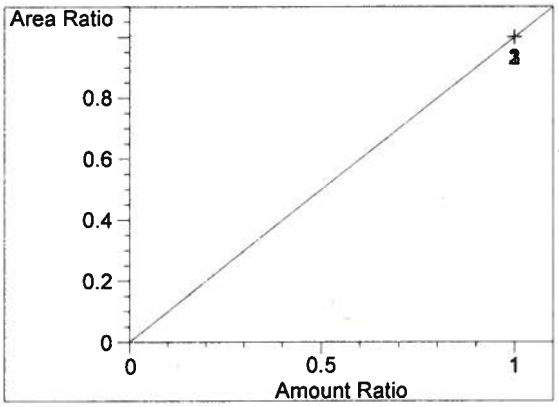
Calibration Curves

==========



Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99967
Residual Std. Dev.: 0.01834
Formula: y = mx + b
m: 5.22347e-2
b: 1.48913e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

13048

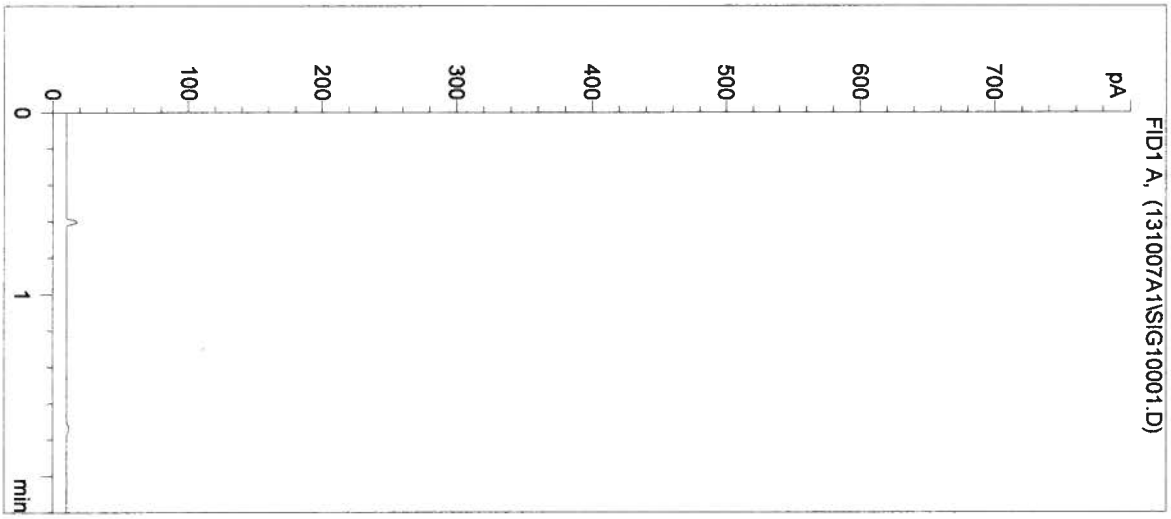
DATA 131007A1

AL

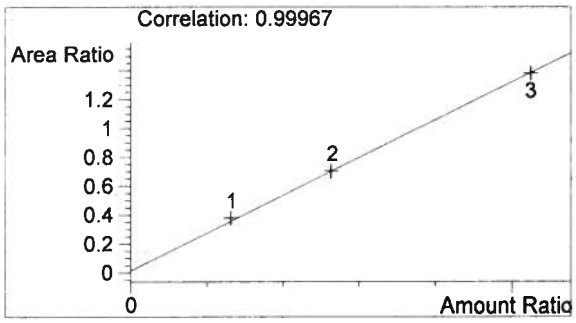
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:10:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

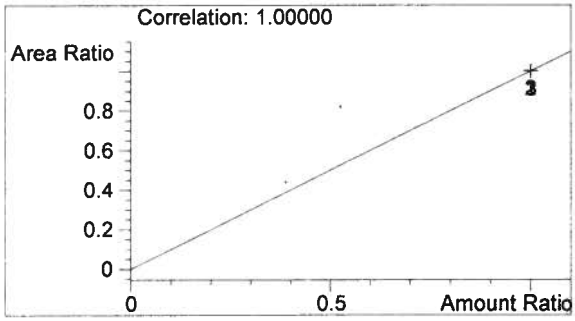
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



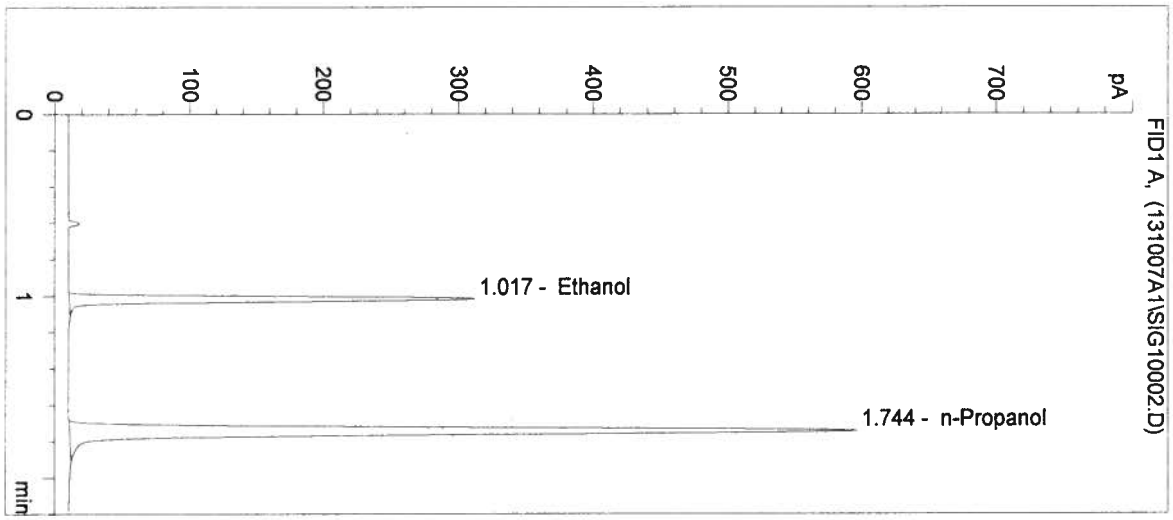
n-Propanol 0.000 g/100mL

13048

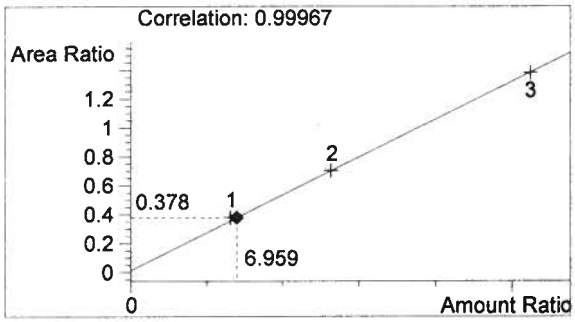
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:13:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

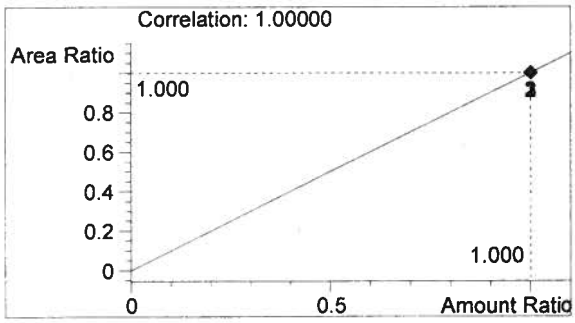
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	596	1.017
2	n-Propanol	1576	1.744



Ethanol 0.084 g/100mL



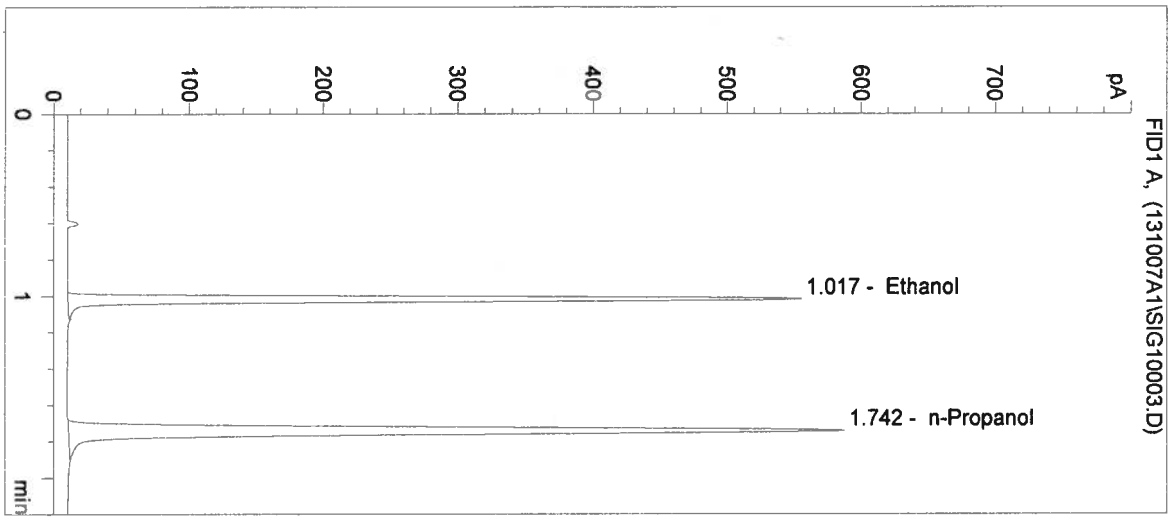
n-Propanol 0.012 g/100mL

13048

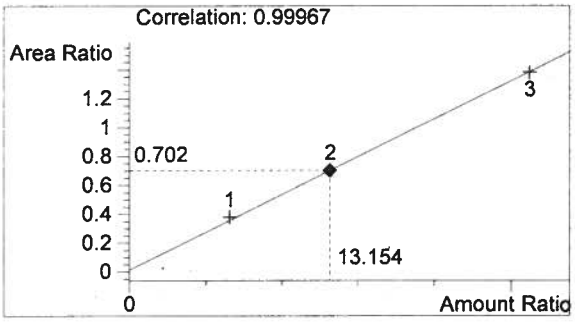
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:16:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

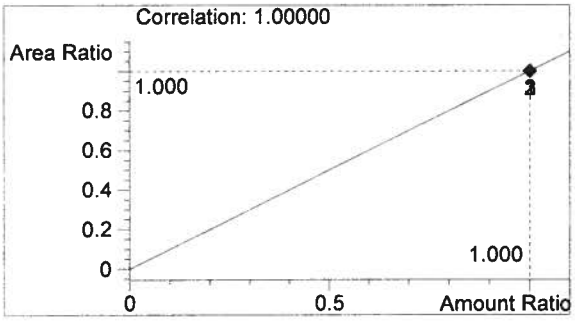
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.017
2	n-Propanol	1558	1.742



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

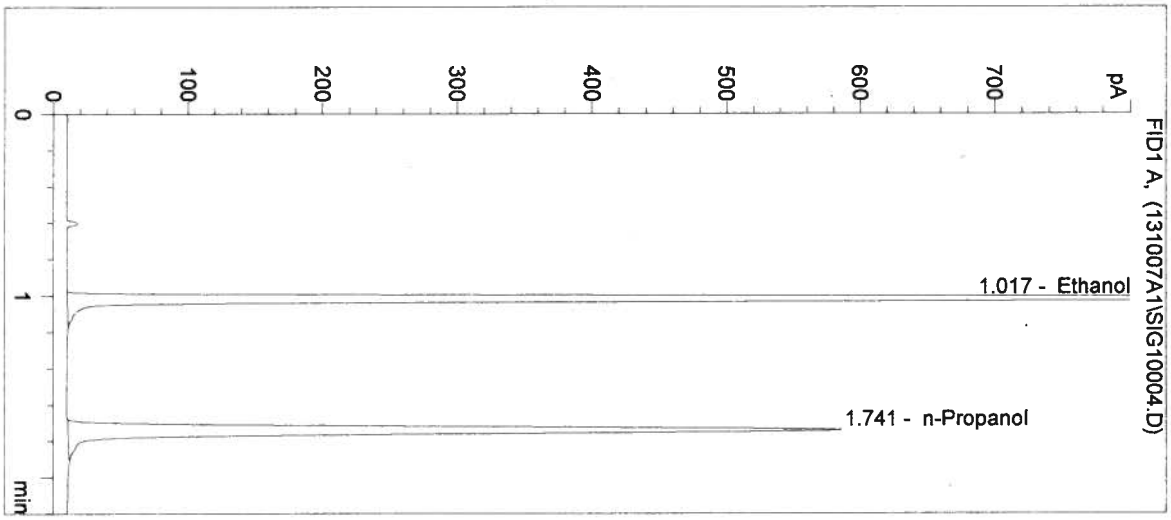
13048

2

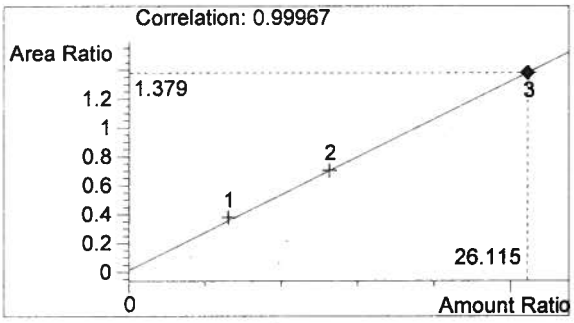
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:19:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

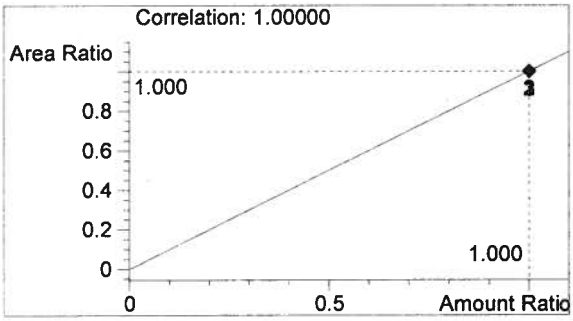
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2135	1.017
2	n-Propanol	1549	1.741



Ethanol 0.313 g/100mL



n-Propanol 0.012 g/100mL

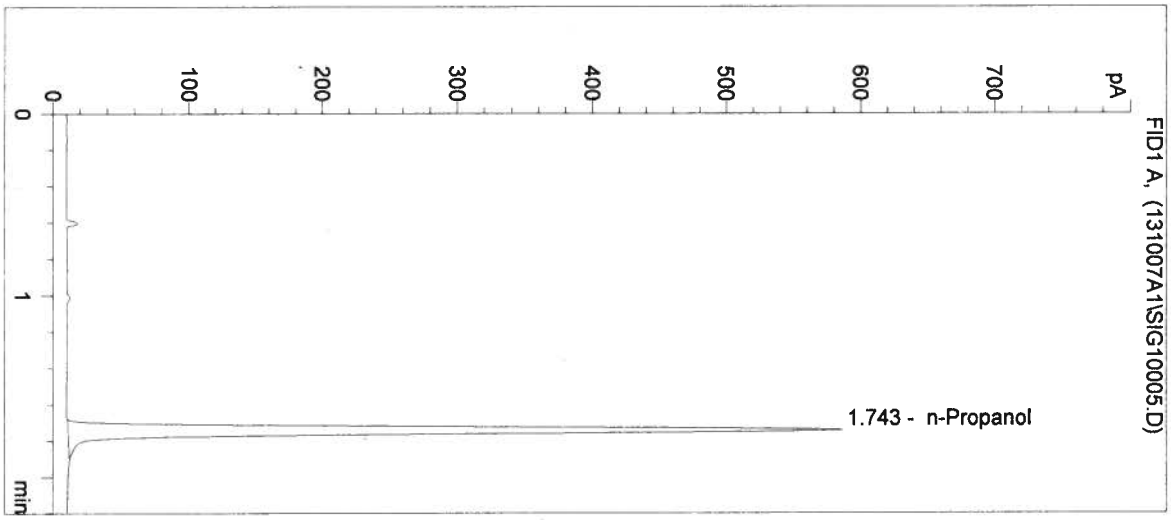
13048

Data File: C:\HPCHEM\2\DATA\131007A1\SIG10004.D

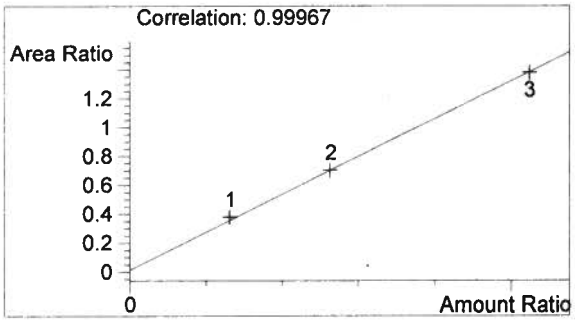
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:22:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

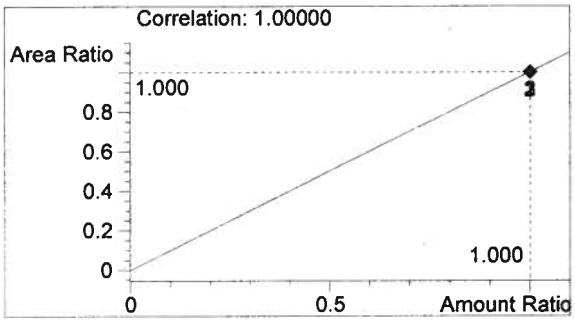
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1549	1.743



Ethanol 0.000 g/100mL



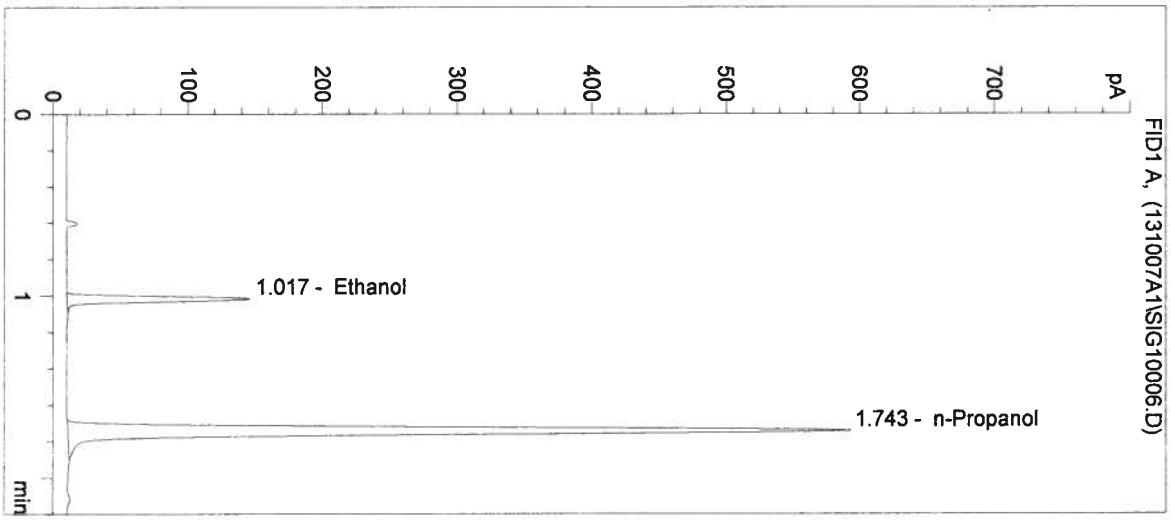
n-Propanol 0.012 g/100mL

13048

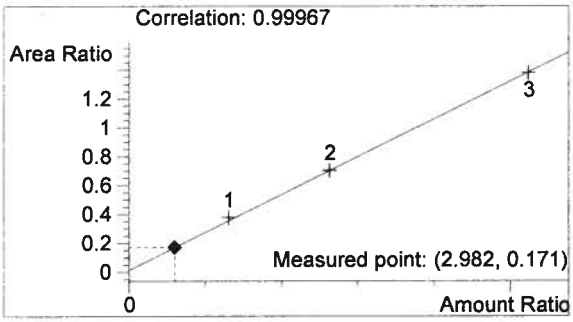
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:25:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

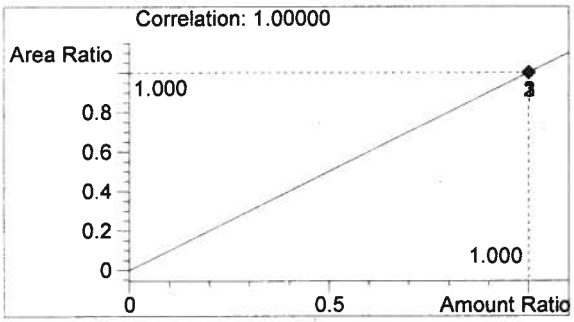
Sample Name: 0.04 ctrl - al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	267	1.017
2	n-Propanol	1566	1.743



Ethanol 0.036 g/100mL



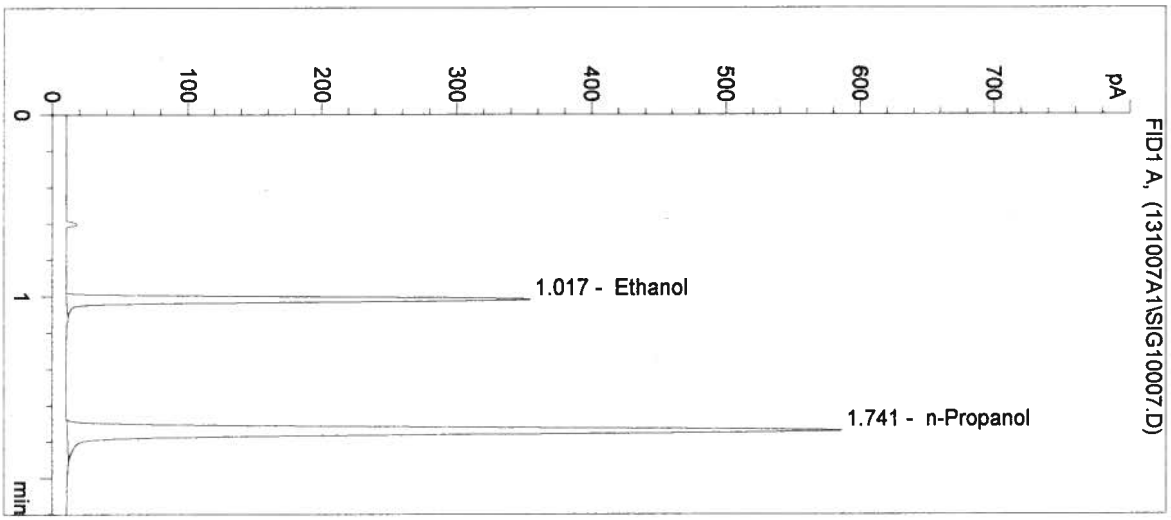
n-Propanol 0.012 g/100mL

13048

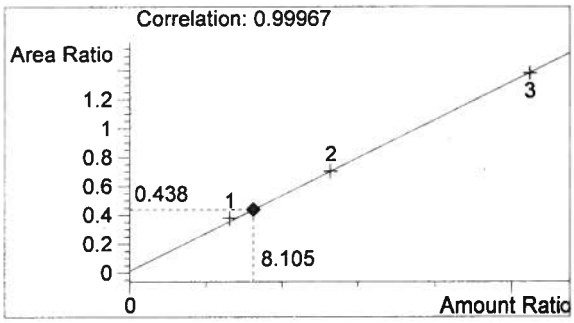
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:28:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

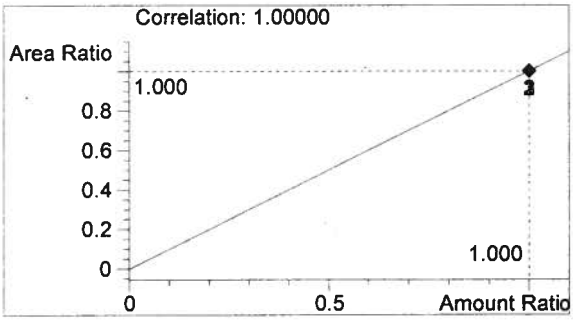
Sample Name: 0.10 ctrl - al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	678	1.017
2	n-Propanol	1548	1.741



Ethanol 0.097 g/100mL



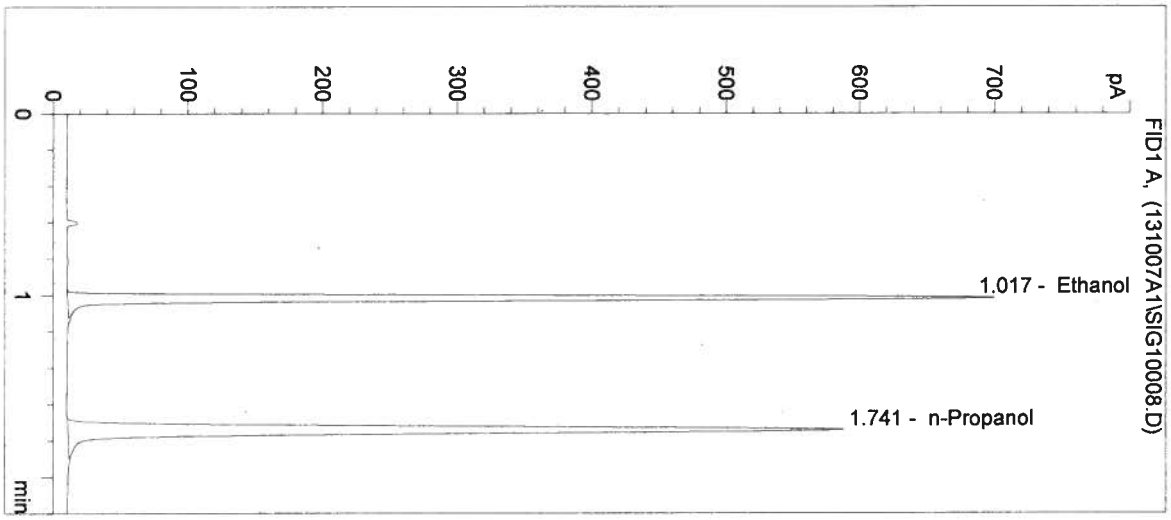
n-Propanol 0.012 g/100mL

13048

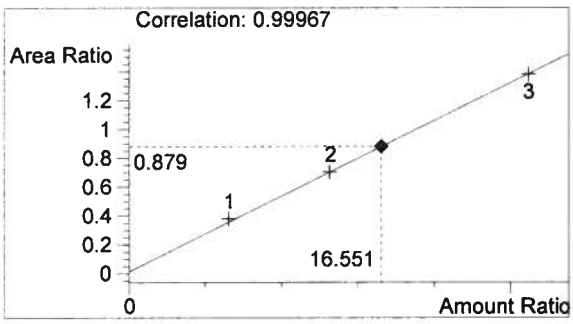
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:31:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

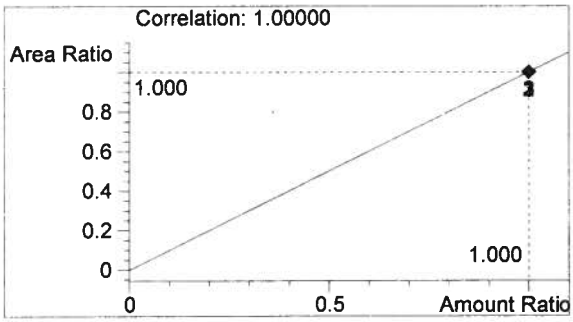
Sample Name: 0.20 ctrl - al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1366	1.017
2	n-Propanol	1554	1.741



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13048

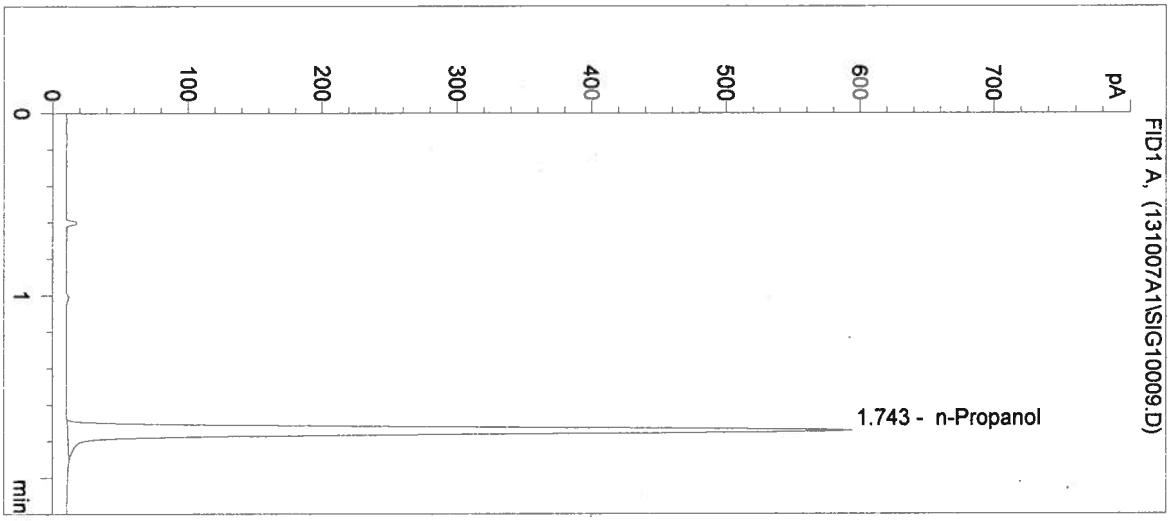
al

Data File: C:\HPCHEM\2\DATA\131007A1\SIG10008.D

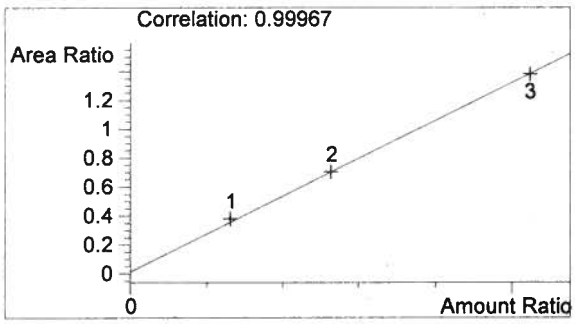
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:35:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

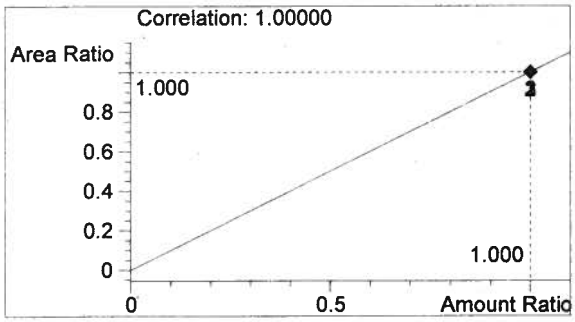
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1570	1.743



Ethanol 0.000 g/100mL



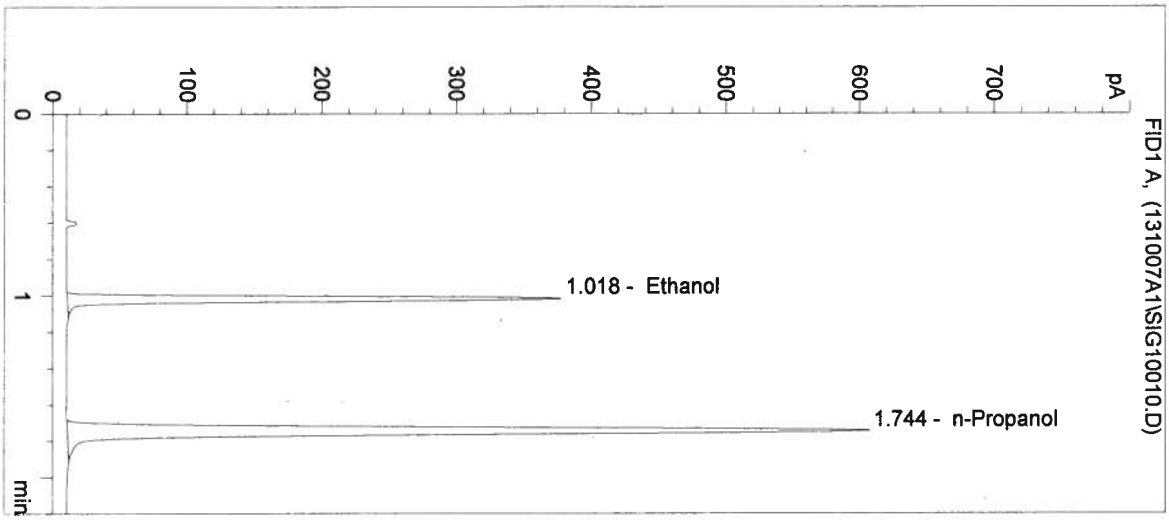
n-Propanol 0.012 g/100mL

13048

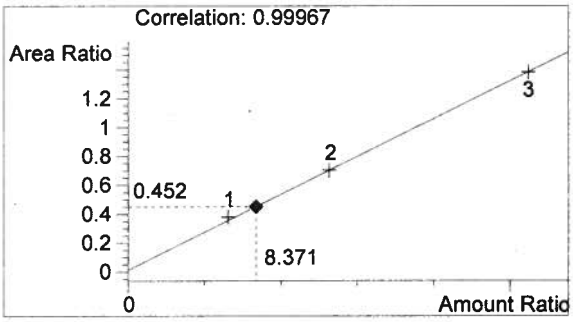
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:38:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

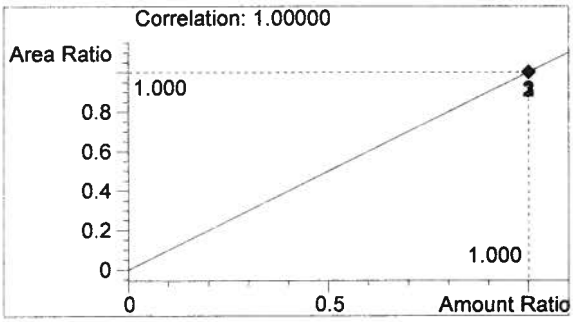
Sample Name: 13048 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	725	1.018
2	n-Propanol	1604	1.744



Ethanol 0.100 g/100mL



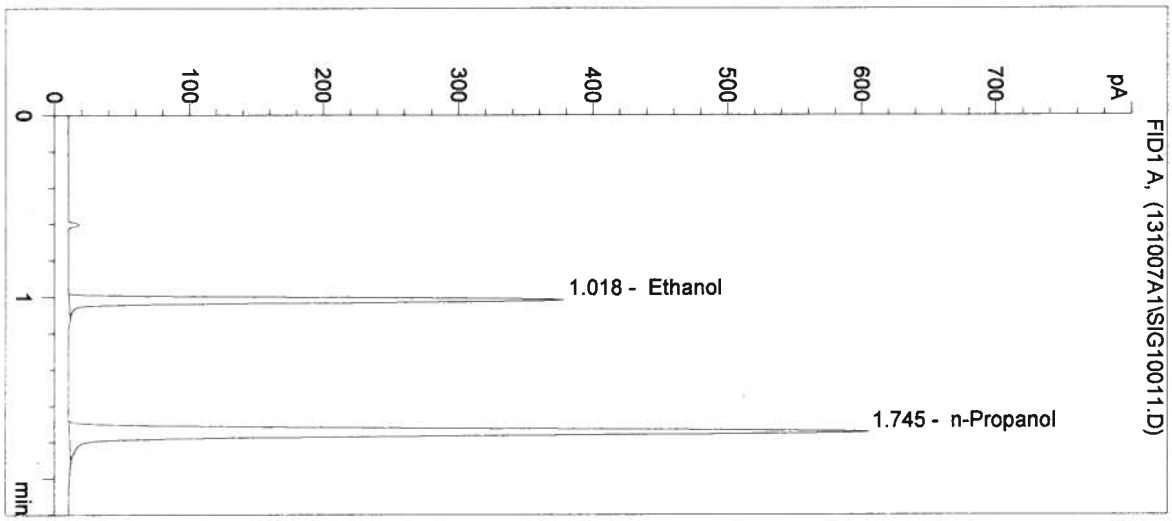
n-Propanol 0.012 g/100mL

AL

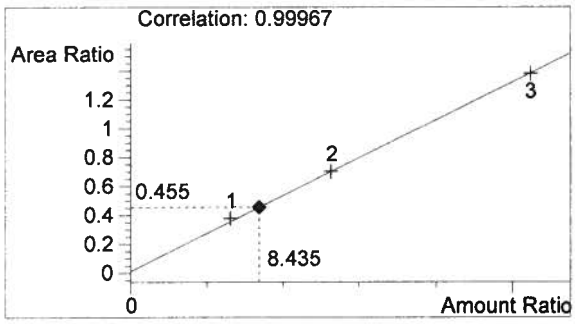
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:41:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

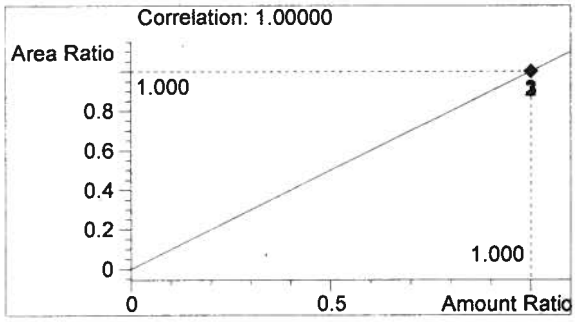
Sample Name: 13048 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	727	1.018
2	n-Propanol	1596	1.745



Ethanol 0.101 g/100mL

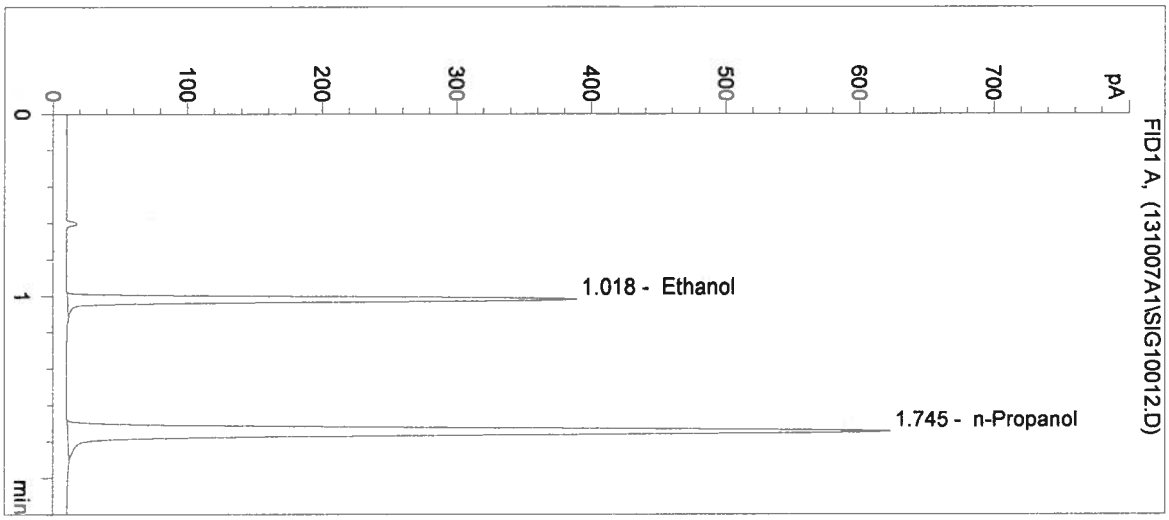


n-Propanol 0.012 g/100mL

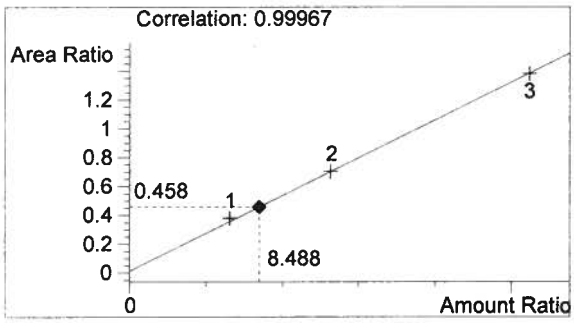
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:44:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

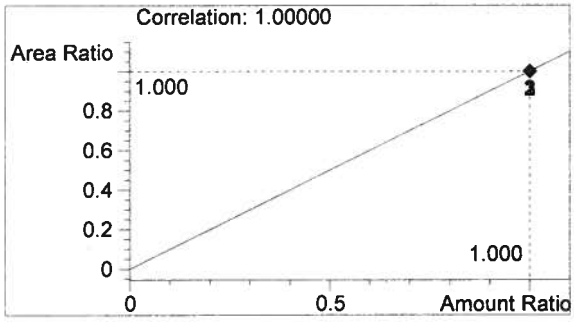
Sample Name: 13048 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	755	1.018
2	n-Propanol	1647	1.745



Ethanol 0.102 g/100mL



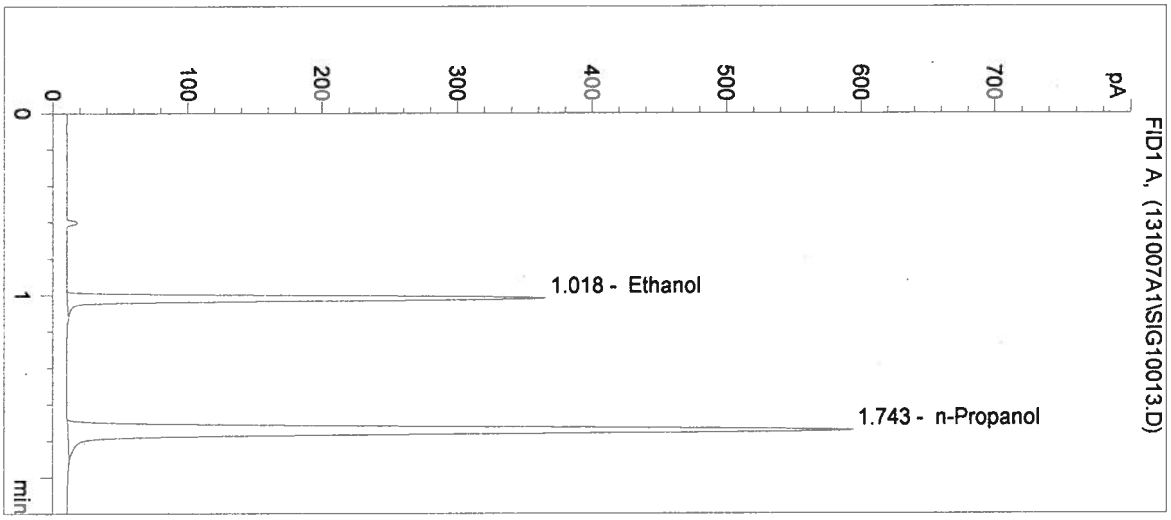
n-Propanol 0.012 g/100mL

AL

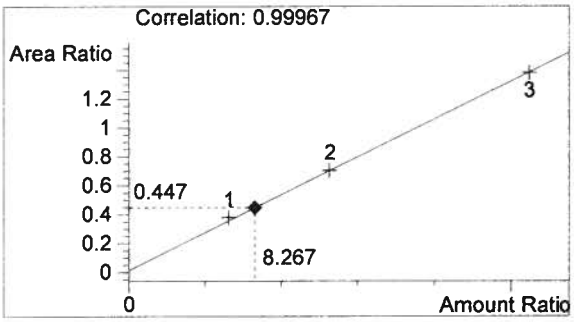
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:47:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

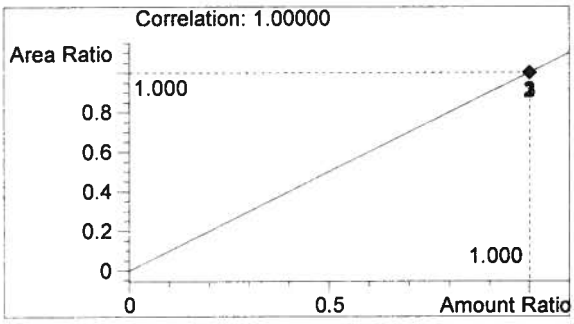
Sample Name: 13048 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.018
2	n-Propanol	1570	1.743



Ethanol 0.099 g/100mL

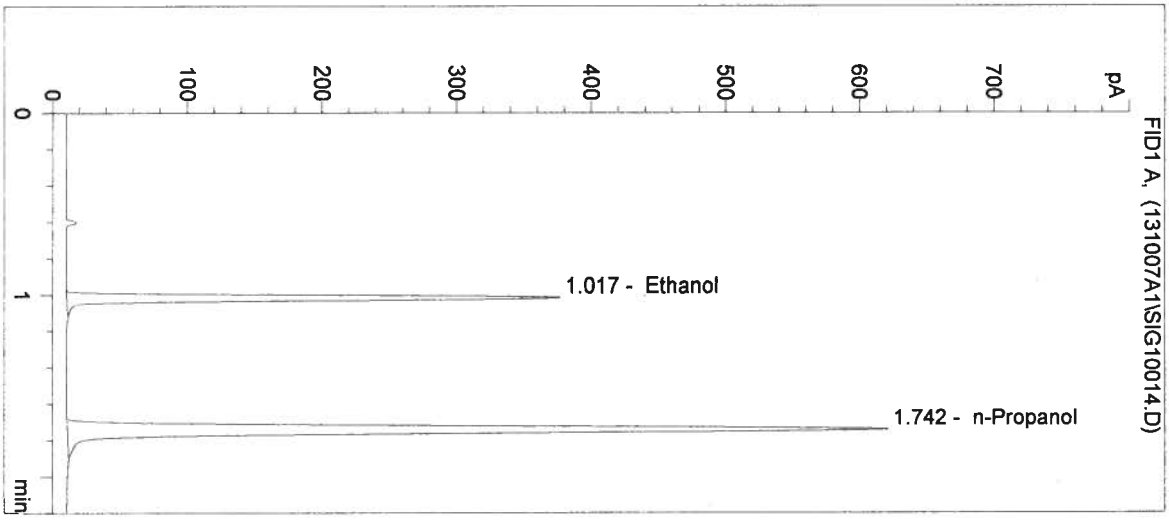


n-Propanol 0.012 g/100mL

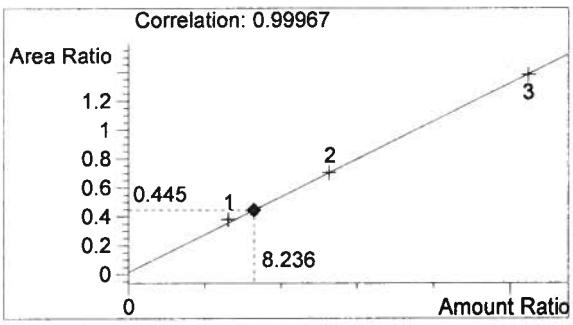
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:50:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

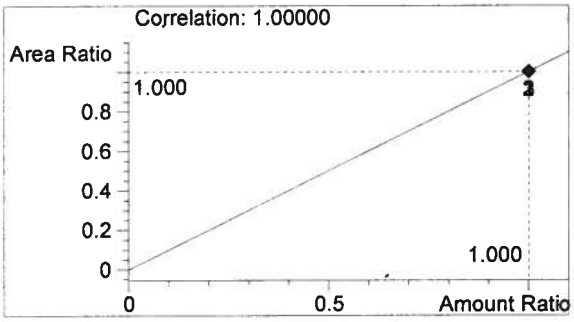
Sample Name: 13048 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	733	1.017
2	n-Propanol	1648	1.742



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

AL

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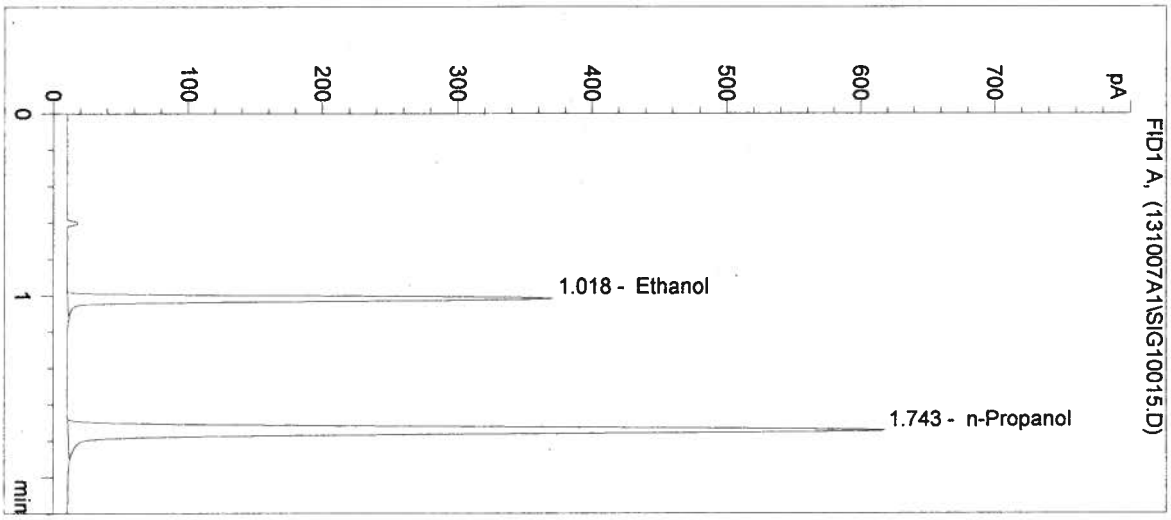
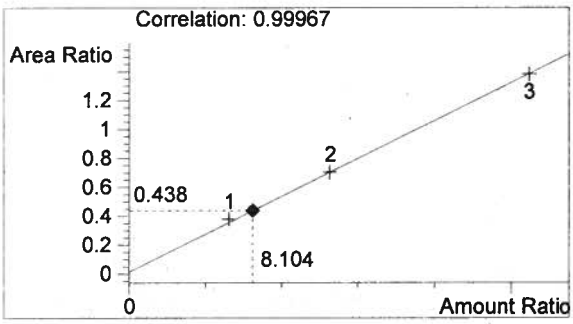
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:53:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

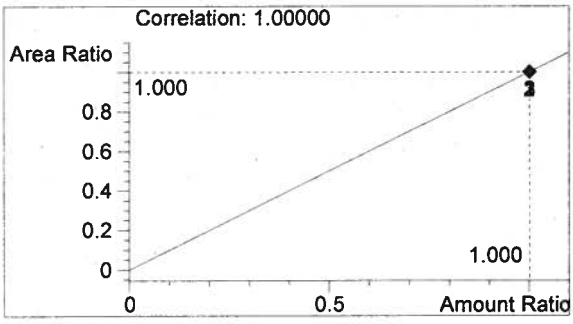
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	715	1.018
2	n-Propanol	1632	1.743



Ethanol 0.097 g/100mL



n-Propanol 0.012 g/100mL

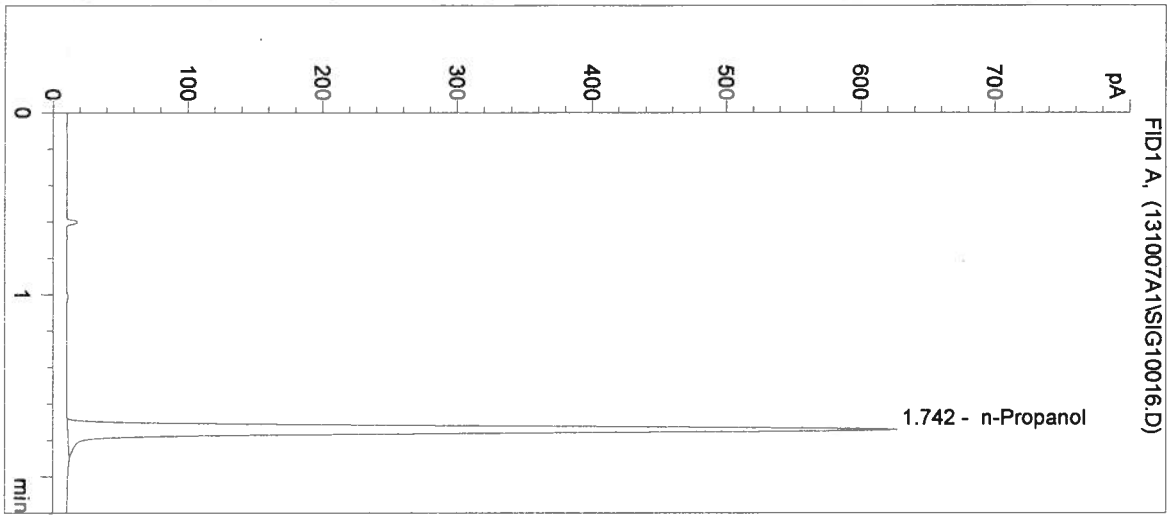
713048

Data File: C:\HPCHEM\2\DATA\131007A1\SIG10015.D

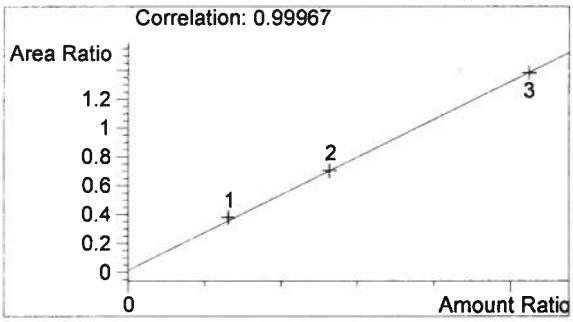
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 8:56:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

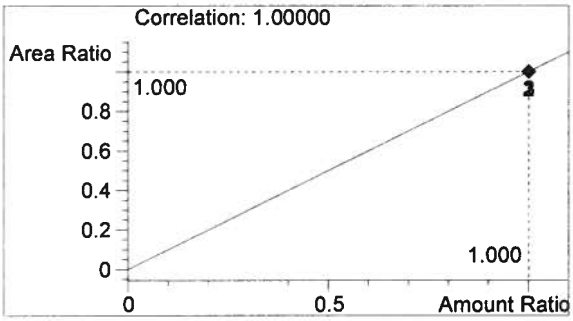
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1662	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

AL

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

Sequence Parameters:

Operator:	Andrew Gingras
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	131007A2
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

CTRL 1 (0.04 g/100mL) - Lot#A096181 - Exp 10/2017
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#A093219 - Exp 05/2017

n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

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	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13048 #1	SIMALC3	1	Sample		
11	Vial 11	13048 #2	SIMALC3	1	Sample		
12	Vial 12	13048 #3	SIMALC3	1	Sample		
13	Vial 13	13048 #4	SIMALC3	1	Sample		
14	Vial 14	13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	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: C:\HPCHEM\2\SEQUENCE\AGESS.S

Sequence Table (Back Injector):

No entries - empty table!

13048

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

Calibration Table

Calib. Data Modified : Monday, October 07, 2013 11:03:45 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.019	1	1	7.87500e-2	555.25891	1.41826e-4	1		Ethanol
		2	1.58140e-1	1201.46069	1.31623e-4			
		3	3.14420e-1	2419.23218	1.29967e-4			
1.743	1	1	1.20000e-2	1734.84924	6.91703e-6	I1		n-Propanol
		2	1.20000e-2	1749.98486	6.85720e-6			
		3	1.20000e-2	1763.37683	6.80513e-6			

Peak Sum Table

No Entries in table

13048

131007AG

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Calibration Curves

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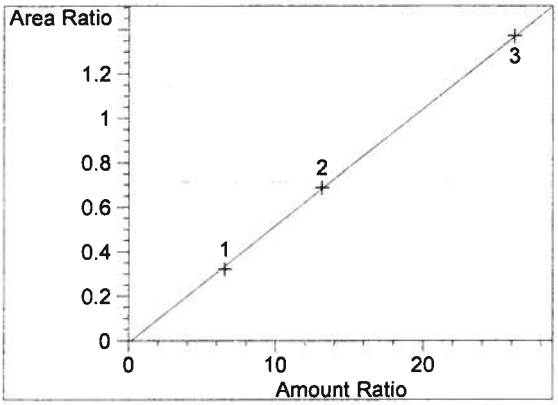
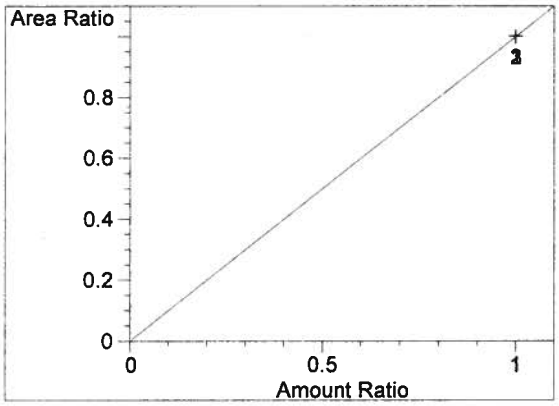


Ethanol at exp. RT: 1.019
FID1 A,
Correlation: 0.99983
Residual Std. Dev.: 0.01327
Formula: y = mx + b
m: 5.26536e-2
b: -1.01222e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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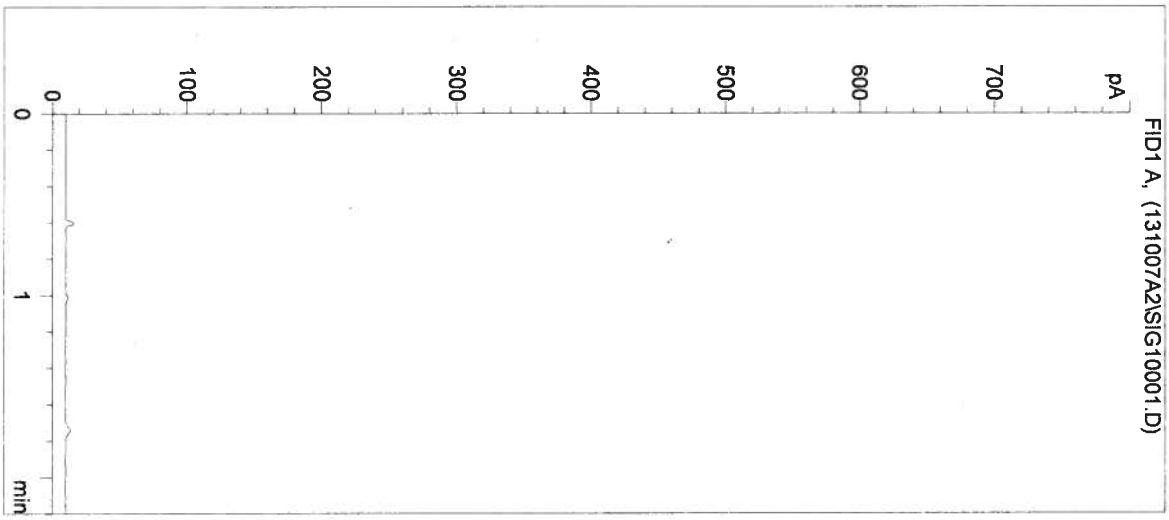
13048

131007A1

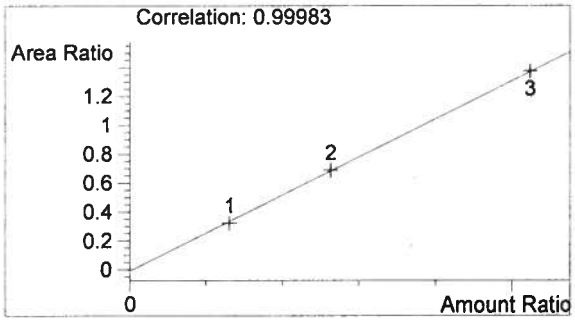
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 10:52:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

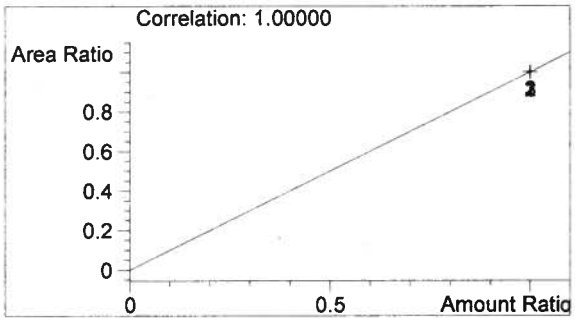
Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

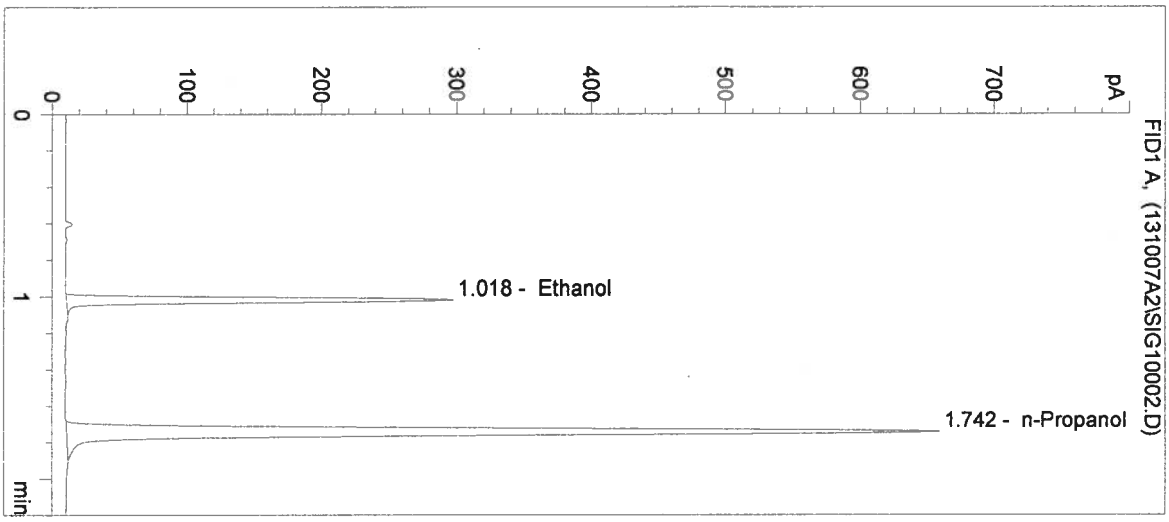
13048

Data File: C:\HPCHEM\2\DATA\131007A2\SIG10001.D

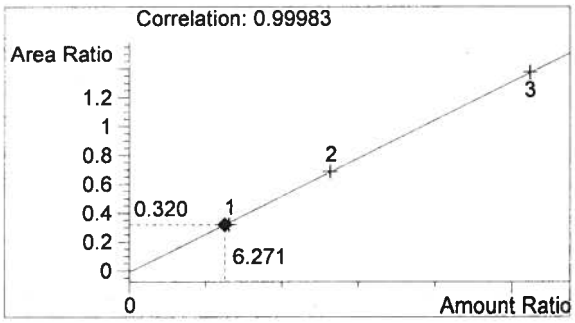
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 10:55:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

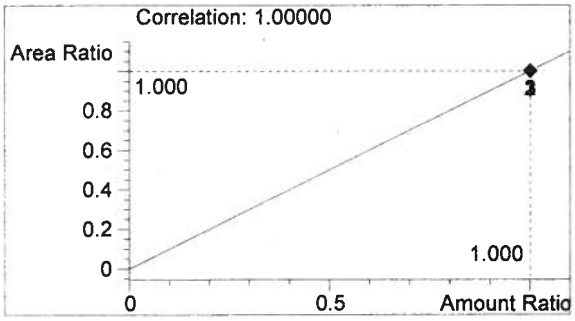
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	555	1.018
2	n-Propanol	1735	1.742



Ethanol 0.075 g/100mL



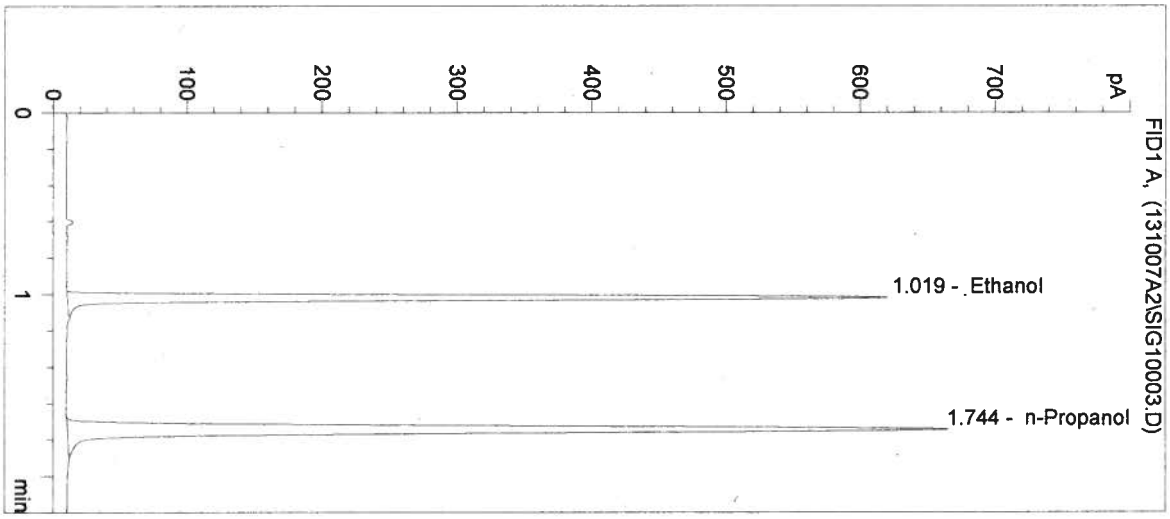
n-Propanol 0.012 g/100mL

13048

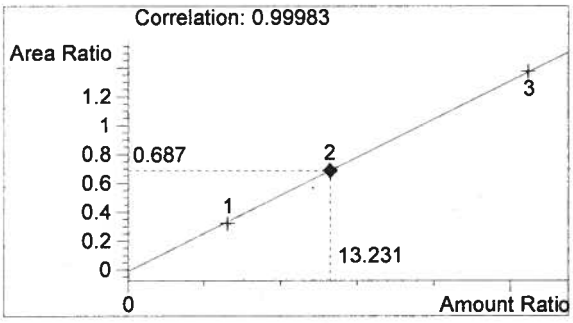
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 10:58:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

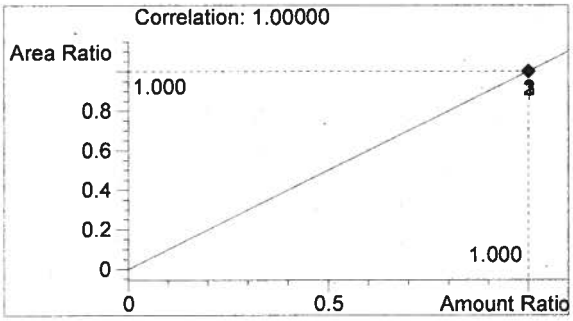
Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1201	1.019
2	n-Propanol	1750	1.744



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

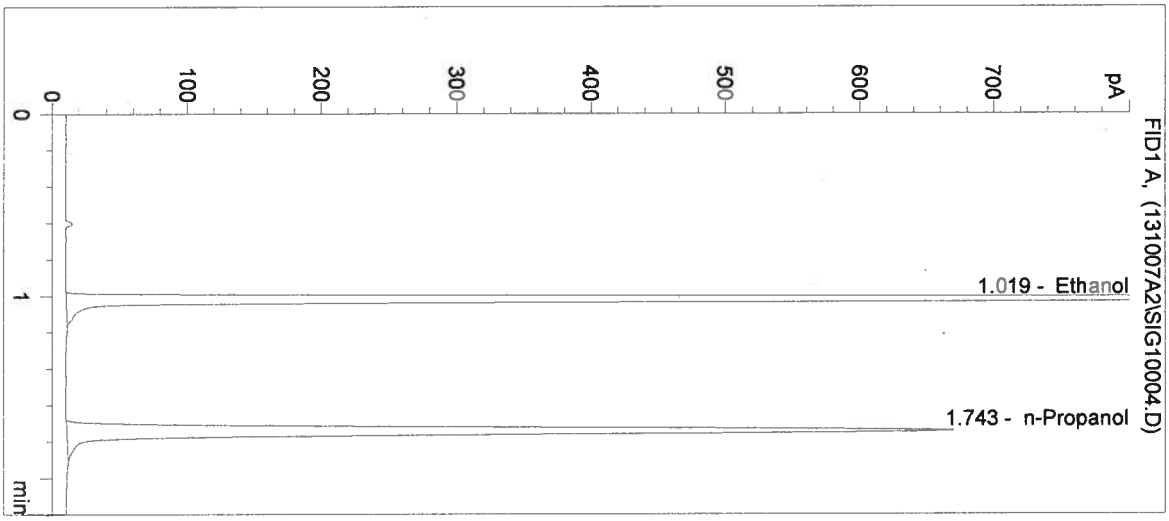
13048

Data File: C:\HPCHEM\2\DATA\131007A2\SIG10003.D

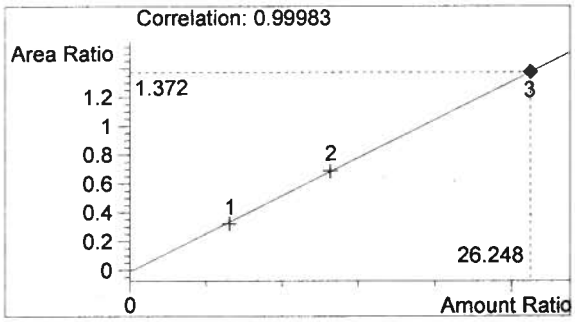
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:01:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

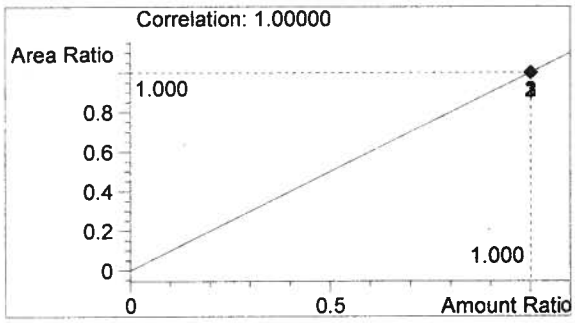
Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2419	1.019
2	n-Propanol	1763	1.743



Ethanol 0.315 g/100mL



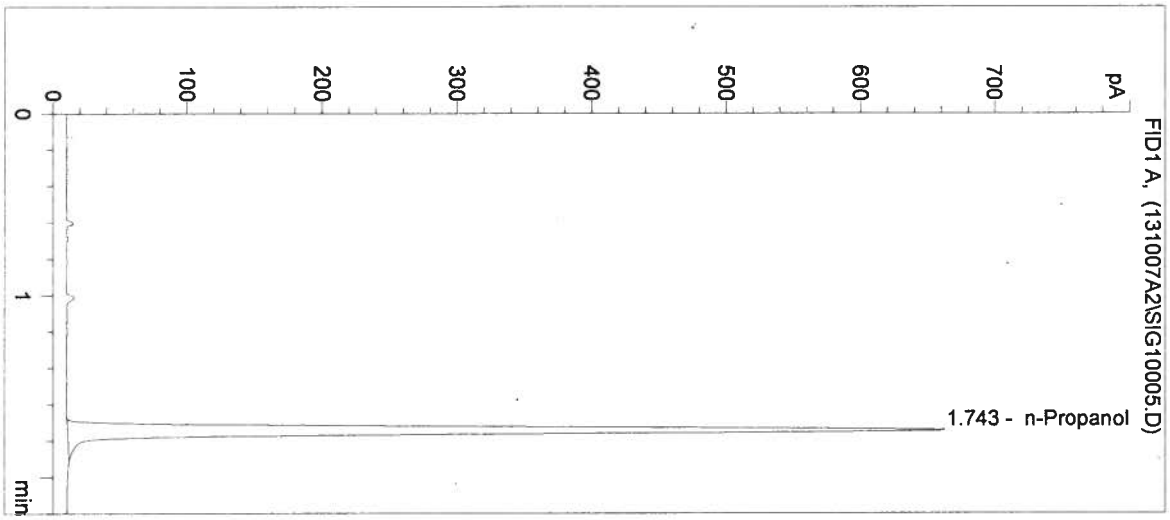
n-Propanol 0.012 g/100mL

13048

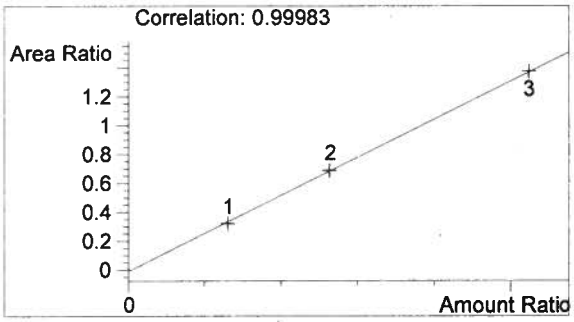
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:04:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

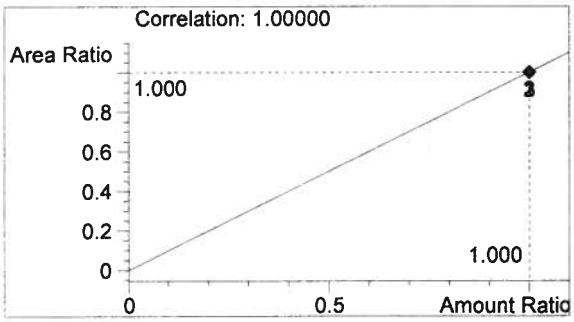
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1741	1.743



Ethanol 0.000 g/100mL



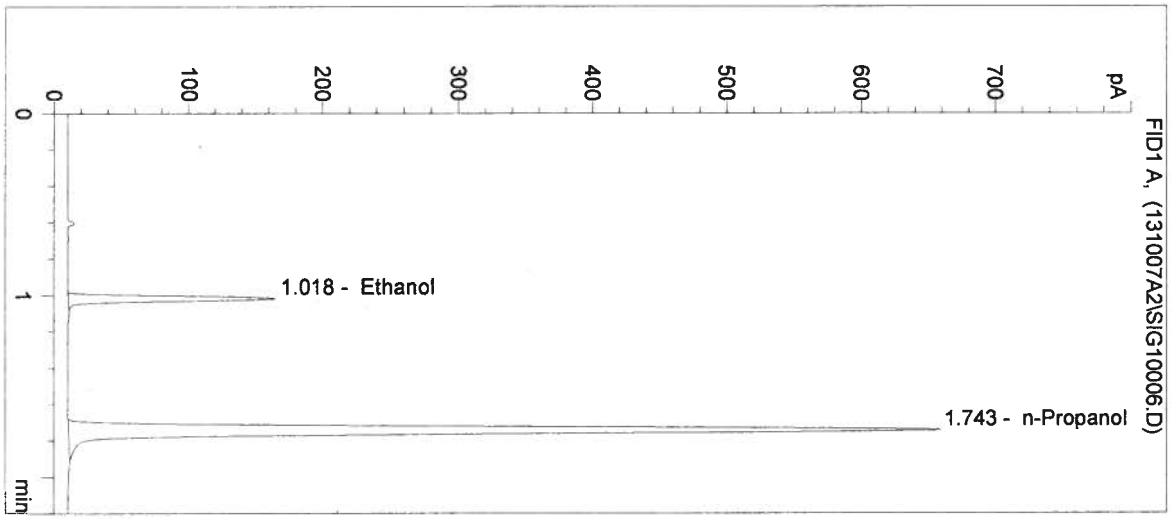
n-Propanol 0.012 g/100mL

13048

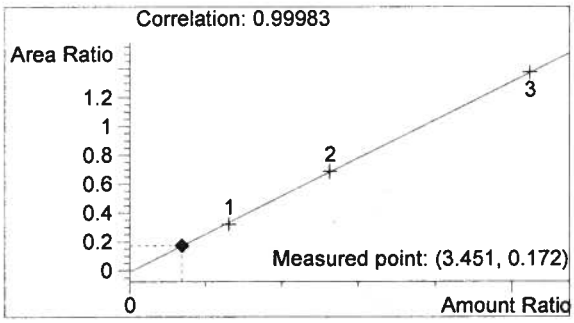
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:07:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

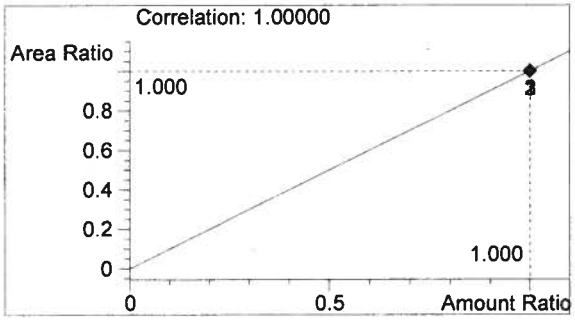
Sample Name: 0.04 CTRL
Operator: Andrew Gingras
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	296	1.018
2	n-Propanol	1726	1.743



Ethanol 0.041 g/100mL



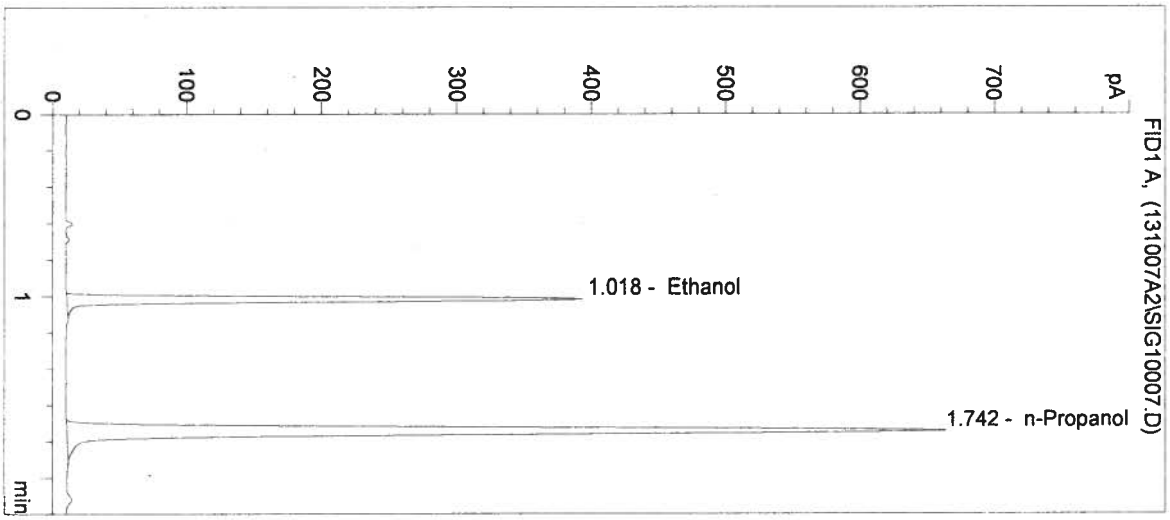
n-Propanol 0.012 g/100mL

13048

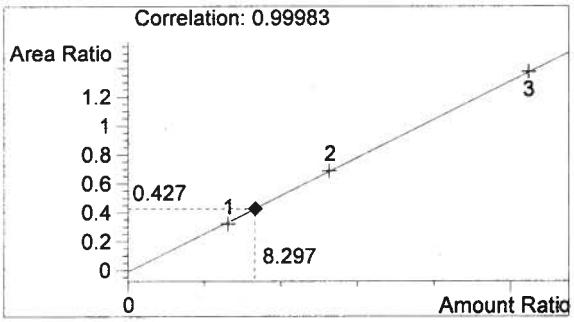
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:10:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

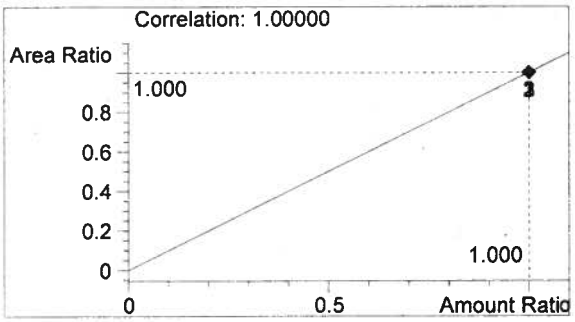
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	748	1.018
2	n-Propanol	1753	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

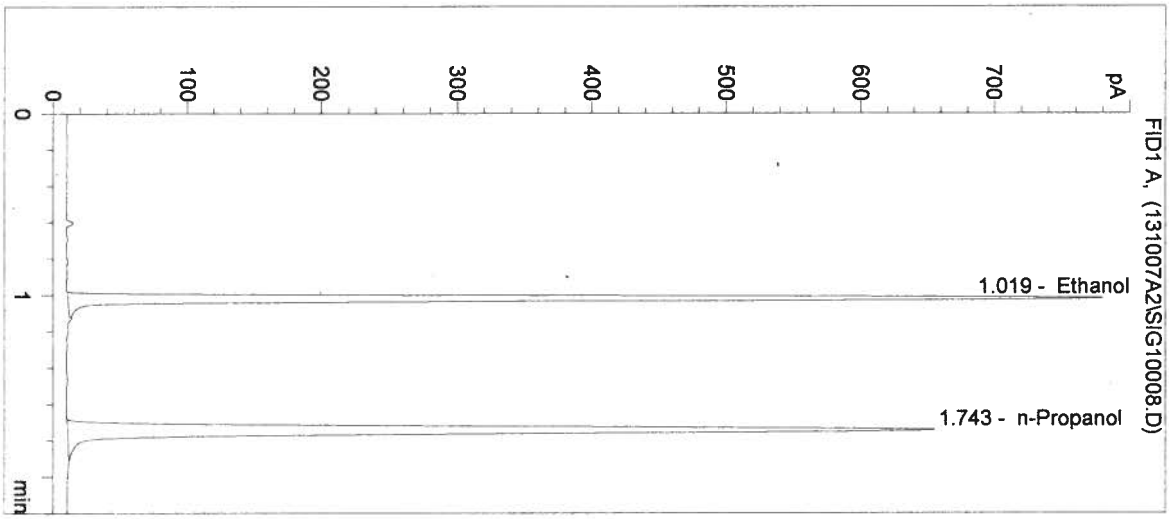
13048

Data File: C:\HPCHEM\2\DATA\131007A2\SIG10007.D

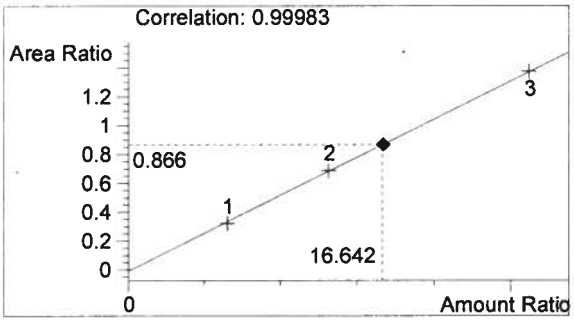
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:14:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

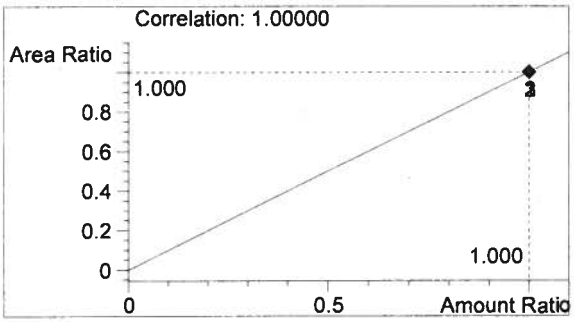
Sample Name: 0.20 CTRL
Operator: Andrew Gingras
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1493	1.019
2	n-Propanol	1724	1.743



Ethanol 0.200 g/100mL



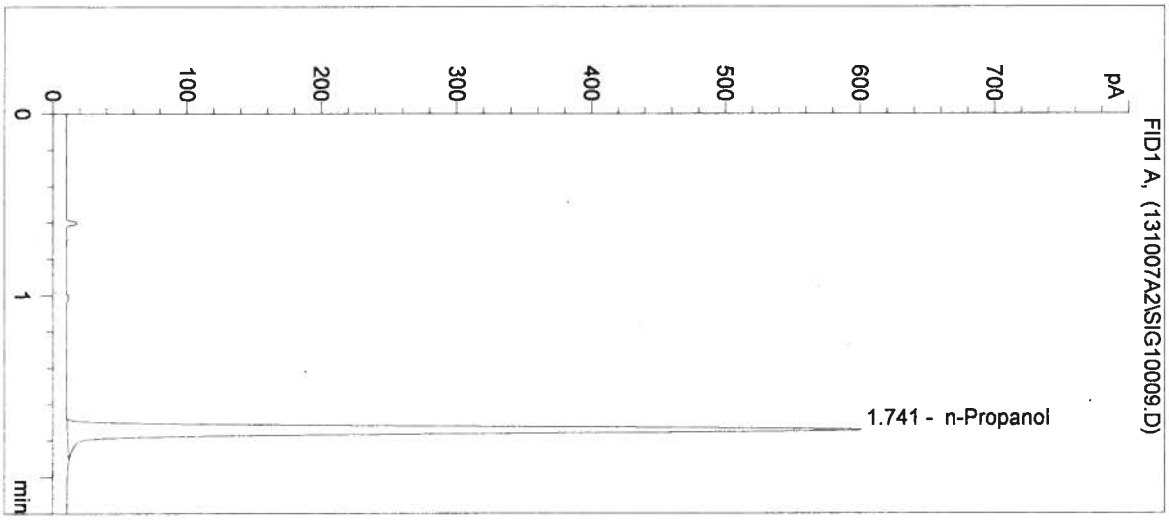
n-Propanol 0.012 g/100mL

13048

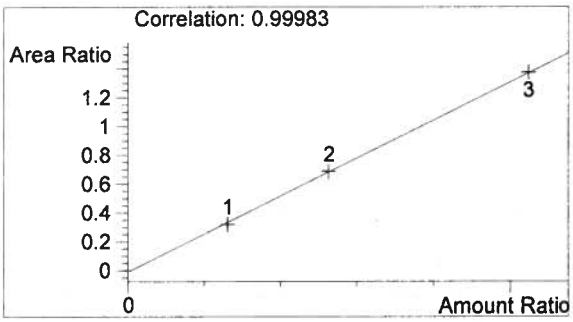
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:17:10 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

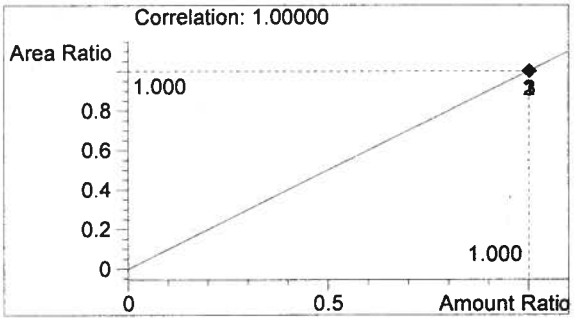
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1587	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

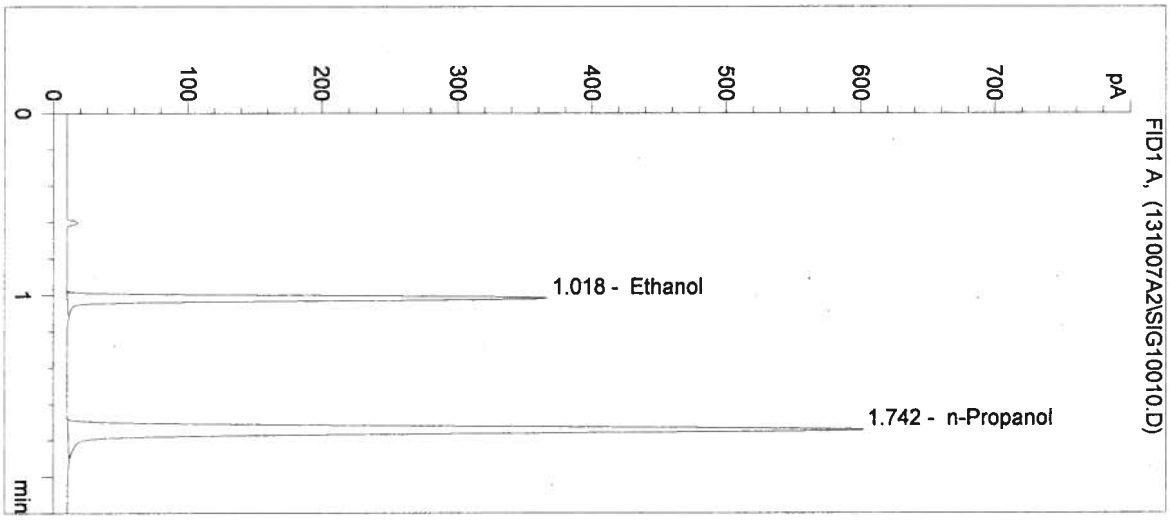
13048

Data File: C:\HPCHEM\2\DATA\131007A2\SIG10009.D

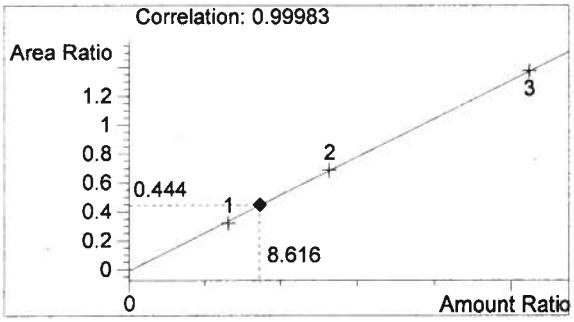
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:20:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

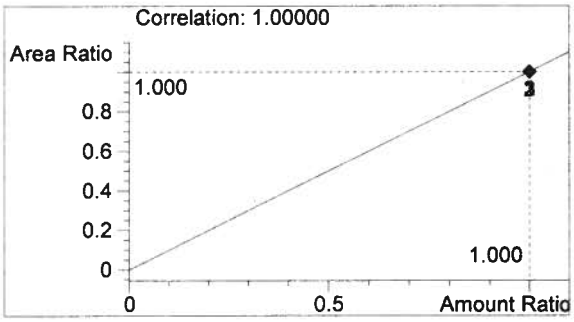
Sample Name: 13048 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	706	1.018
2	n-Propanol	1592	1.742



Ethanol 0.103 g/100mL

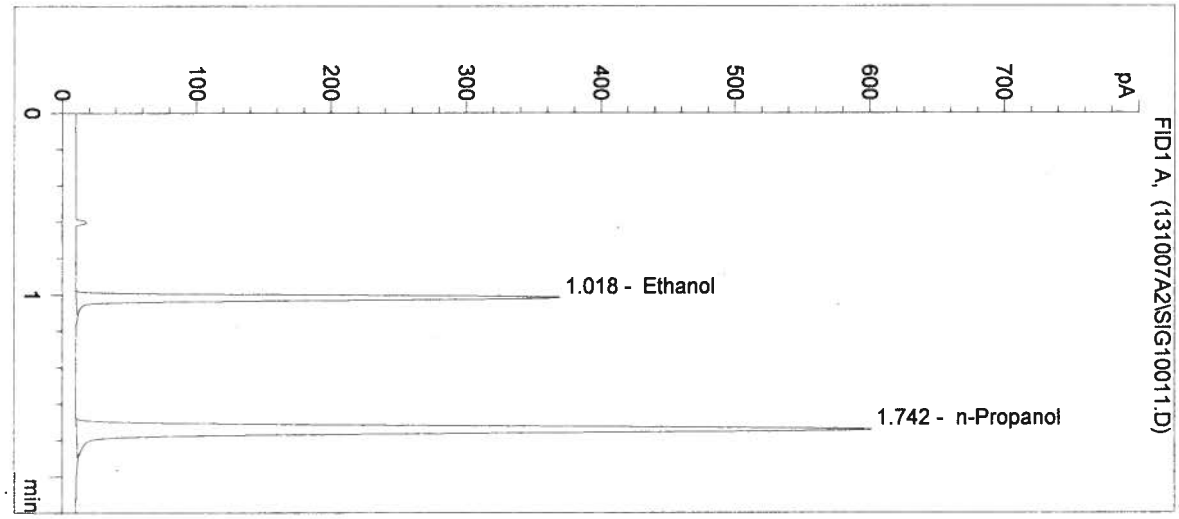


n-Propanol 0.012 g/100mL

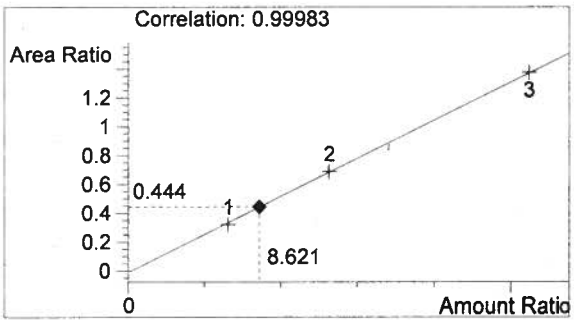
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:23:25 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

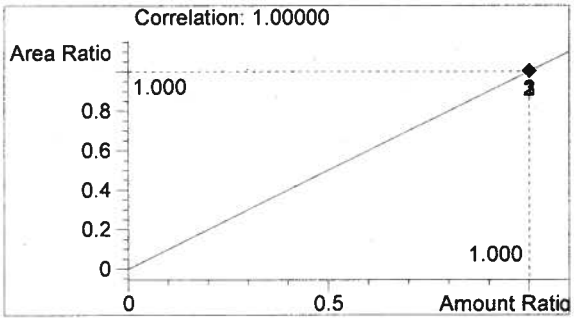
Sample Name: 13048 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.018
2	n-Propanol	1585	1.742



Ethanol 0.103 g/100mL

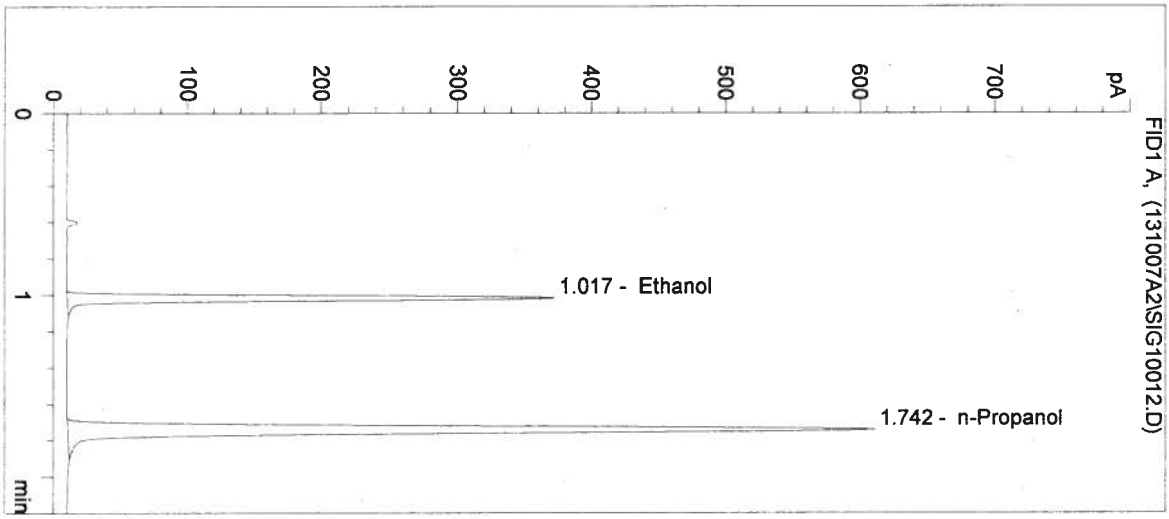


n-Propanol 0.012 g/100mL

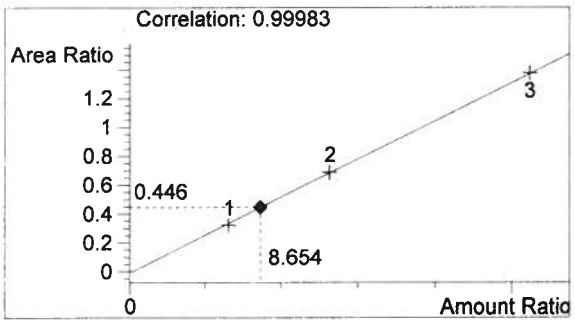
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:26:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

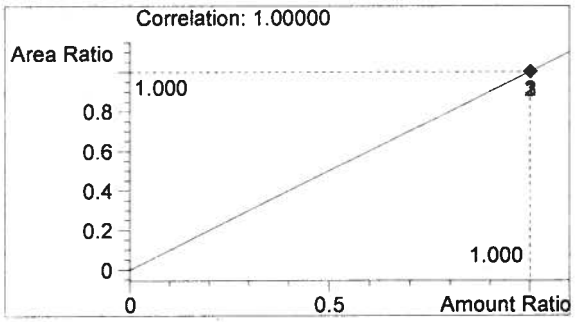
Sample Name: 13048 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.017
2	n-Propanol	1612	1.742



Ethanol 0.104 g/100mL

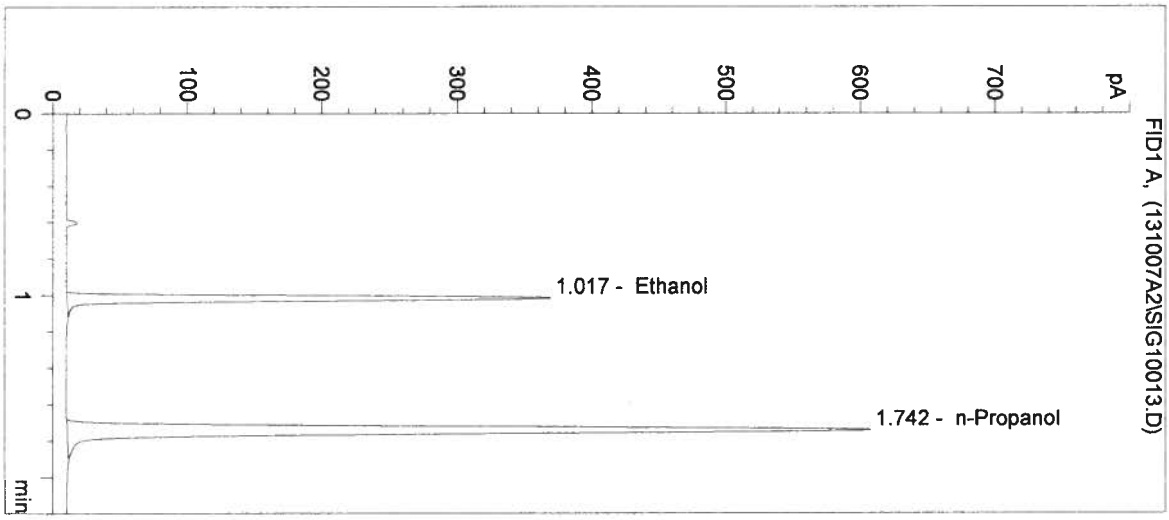


n-Propanol 0.012 g/100mL

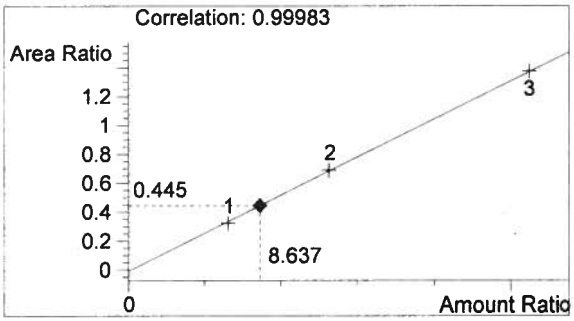
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:29:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

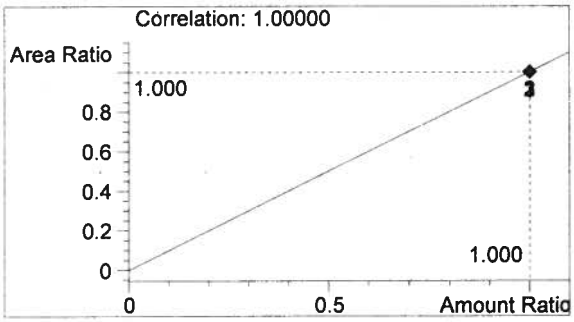
Sample Name: 13048 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	712	1.017
2	n-Propanol	1602	1.742



Ethanol 0.104 g/100mL

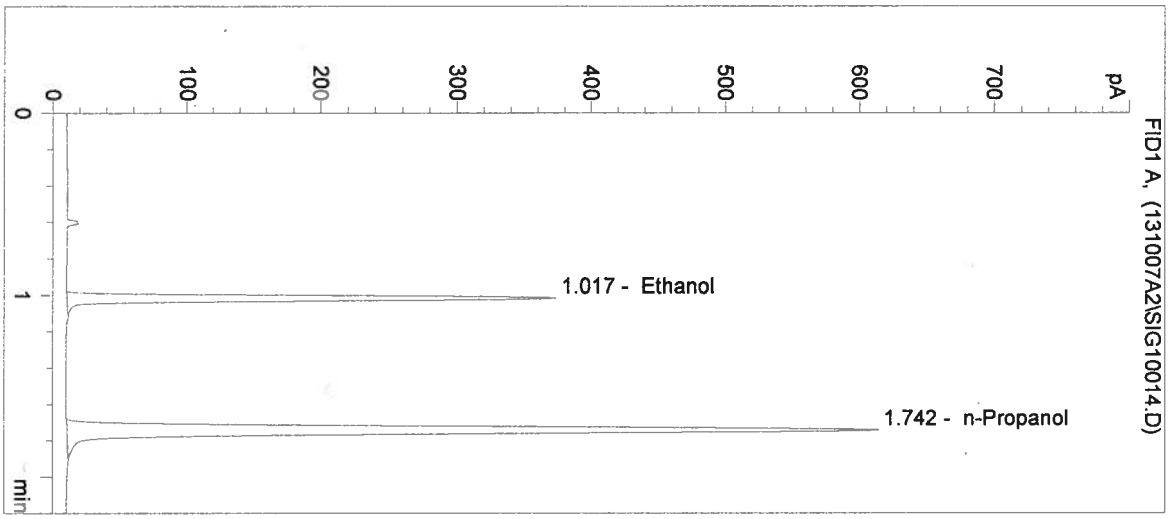


n-Propanol 0.012 g/100mL

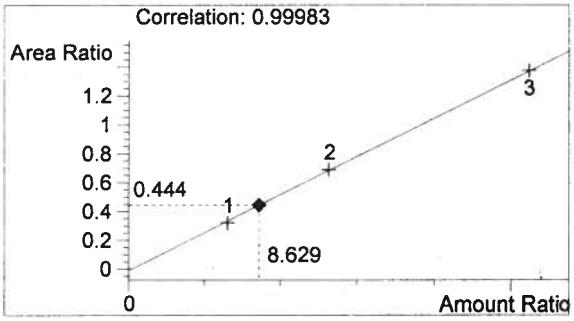
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:32:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

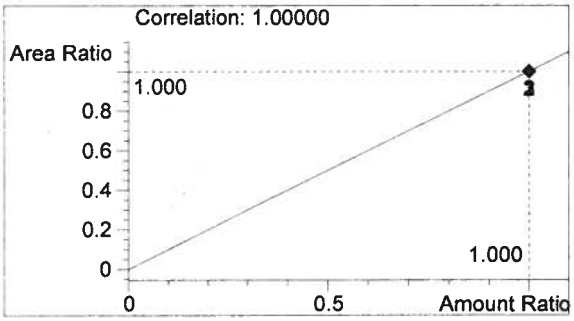
Sample Name: 13048 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	721	1.017
2	n-Propanol	1623	1.742



Ethanol 0.104 g/100mL

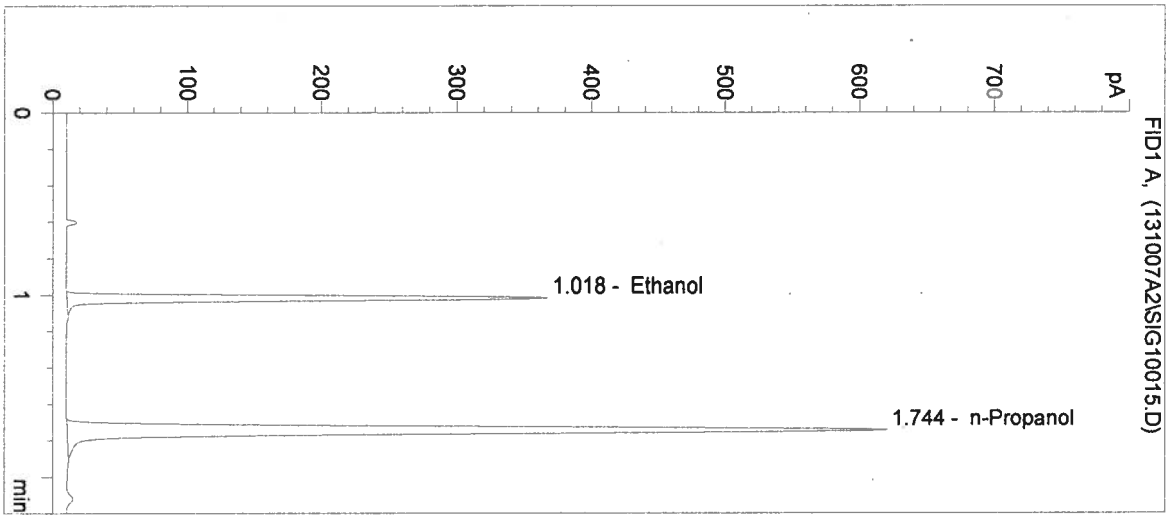


n-Propanol 0.012 g/100mL

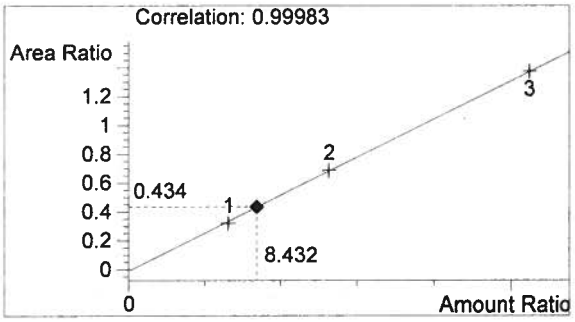
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:35:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

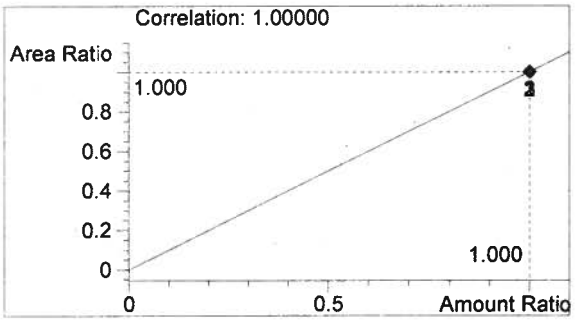
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.018
2	n-Propanol	1640	1.744



Ethanol 0.101 g/100mL



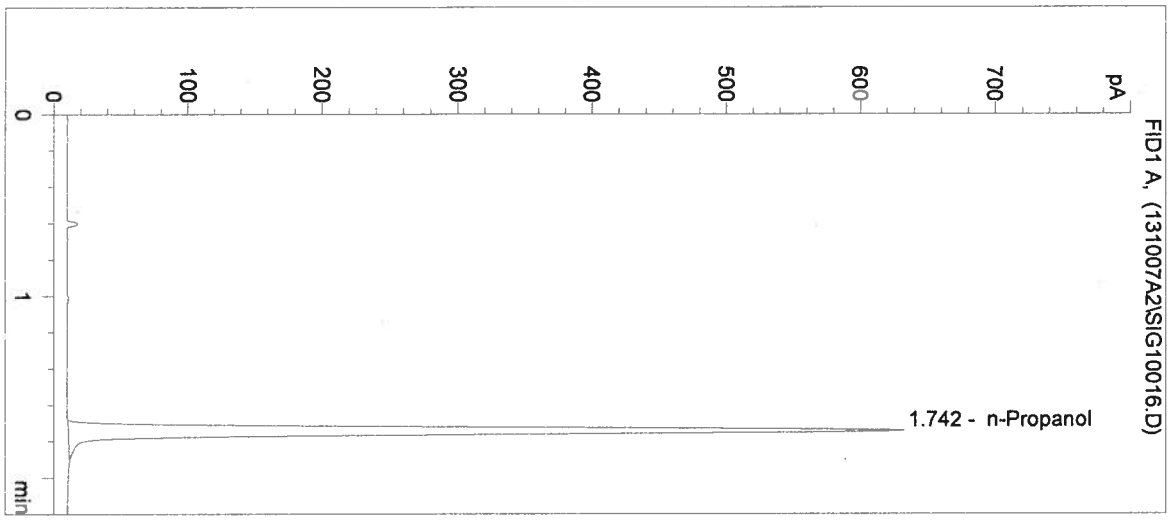
n-Propanol 0.012 g/100mL

13048

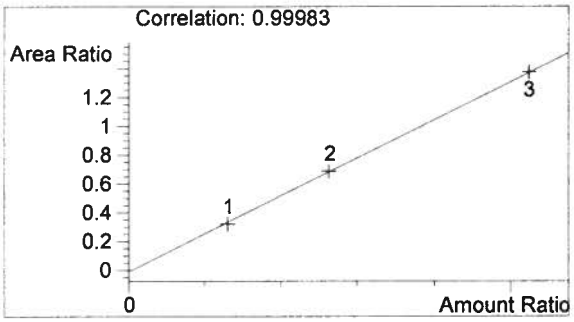
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/7/2013 11:39:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

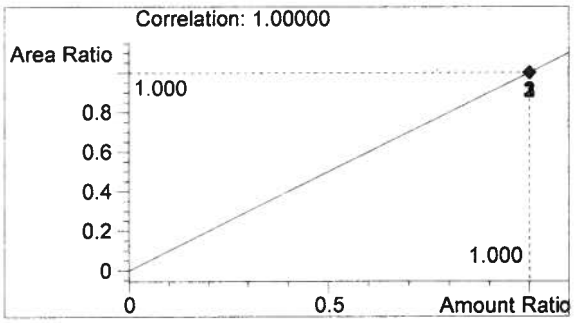
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1667	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

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

Sequence Parameters:

Operator:	Katie Knorr
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:	131010KK
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#E0713-01 - Exp 01/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 01/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 01/24/14

CTRL 1 (0.04 g/100mL) - Lot#A096181 - Exp 10/2017
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#A093219 - Exp 05/2017

n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	Neg Control	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Control	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Control	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Control	SIMALC3	1	Ctrl Samp		
9	Vial 9	Neg Control	SIMALC3	1	Ctrl Samp		
10	Vial 10	~~13049-01~~ KK	SIMALC3	1	Sample		
11	Vial 11	~~13049-02~~ 10/10/13	SIMALC3	1	Sample		
12	Vial 12	~~13049-03~~	SIMALC3	1	Sample		
13	Vial 13	~~13049-04~~	SIMALC3	1	Sample		
14	Vial 14	~~13049-05~~	SIMALC3	1	Sample		
15	Vial 15	0.10 Control	SIMALC3	1	Ctrl Samp		
16	Vial 16	Neg Control	SIMALC3	1	Ctrl Samp		
17	Vial 17	13050-01	SIMALC3	1	Sample		
18	Vial 18	13050-02	SIMALC3	1	Sample		
19	Vial 19	13050-03	SIMALC3	1	Sample		
20	Vial 20	13050-04	SIMALC3	1	Sample		
21	Vial 21	13050-05	SIMALC3	1	Sample		
22	Vial 22	0.10 Control	SIMALC3	1	Ctrl Samp		
23	Vial 23	Neg Control	SIMALC3	1	Ctrl Samp		
24	Vial 24	13051-01	SIMALC3	1	Sample		
25	Vial 25	13051-02	SIMALC3	1	Sample		
26	Vial 26	13051-03	SIMALC3	1	Sample		

13048

KK

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	13051-04	SIMALC3	1	Sample		
28	Vial 28	13051-05	SIMALC3	1	Sample		
29	Vial 29	0.10 Control	SIMALC3	1	Ctrl Samp		
30	Vial 30	Neg Control	SIMALC3	1	Ctrl Samp		
31	Vial 31	13052-01	SIMALC3	1	Sample		
32	Vial 32	13052-02	SIMALC3	1	Sample		
33	Vial 33	13052-03	SIMALC3	1	Sample		
34	Vial 34	13052-04	SIMALC3	1	Sample		
35	Vial 35	13052-05	SIMALC3	1	Sample		
36	Vial 36	0.10 Control	SIMALC3	1	Ctrl Samp		
37	Vial 37	Neg Control	SIMALC3	1	Ctrl Samp		
38	Vial 38	13048-01	SIMALC3	1	Sample		
39	Vial 39	13048-02	SIMALC3	1	Sample		
40	Vial 40	13048-03	SIMALC3	1	Sample		
41	Vial 41	13048-04	SIMALC3	1	Sample		
42	Vial 42	13048-05	SIMALC3	1	Sample		
43	Vial 43	0.10 Control	SIMALC3	1	Ctrl Samp		
44	Vial 44	Neg Control	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):

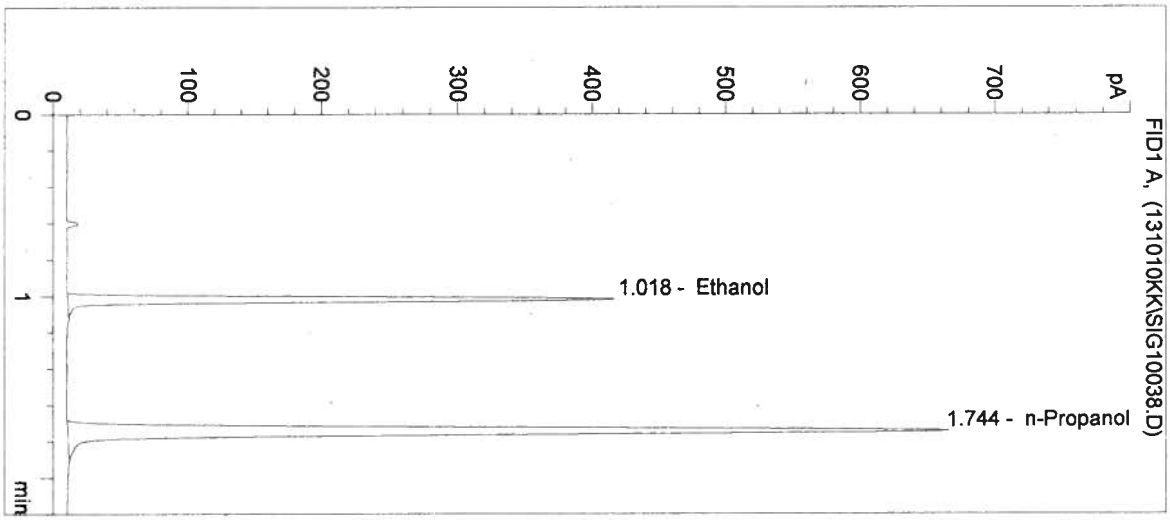
No entries - empty table!

131010KK
KK 10/10/13

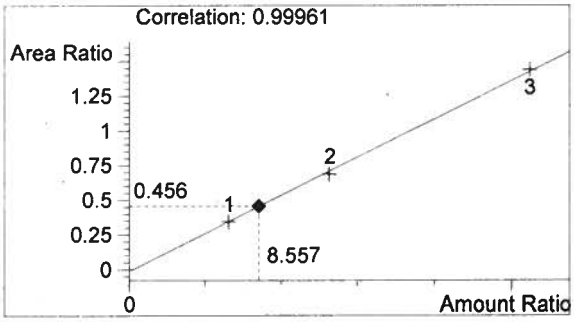
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:03:26 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

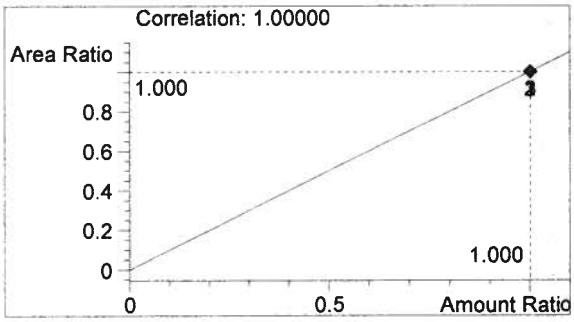
Sample Name: 13048-01
Operator: Katie Knorr
Location: Vial 38



#	Compound	Peak Area	RT (min)
1	Ethanol	797	1.018
2	n-Propanol	1749	1.744



Ethanol 0.103 g/100mL



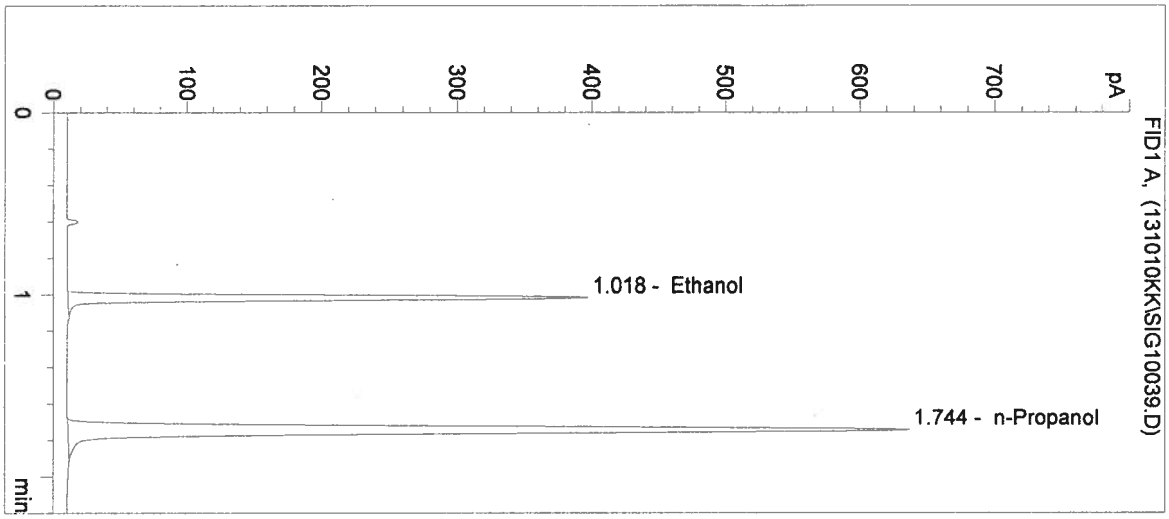
n-Propanol 0.012 g/100mL

KK

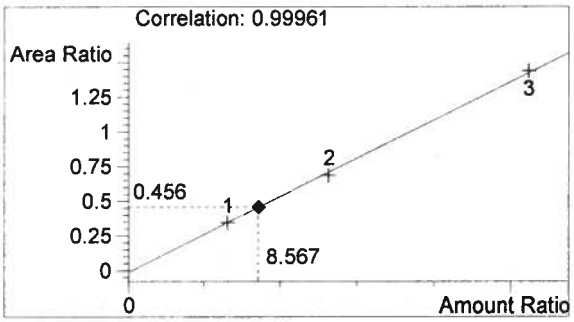
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:06:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

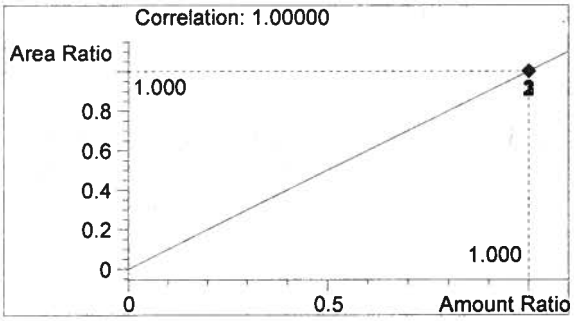
Sample Name: 13048-02
Operator: Katie Knorr
Location: Vial 39



#	Compound	Peak Area	RT (min)
1	Ethanol	764	1.018
2	n-Propanol	1675	1.744



Ethanol 0.103 g/100mL



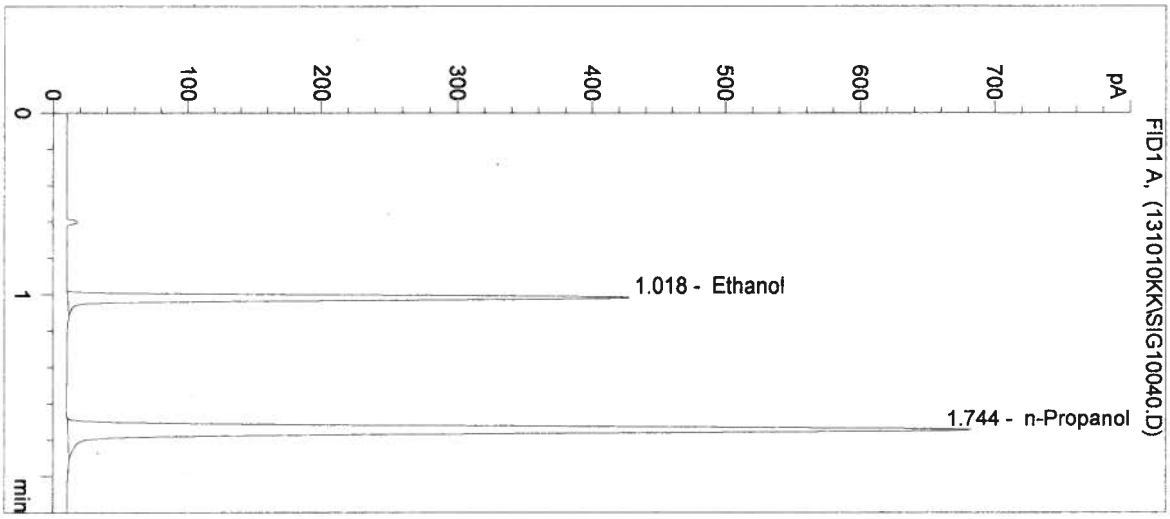
n-Propanol 0.012 g/100mL

KK

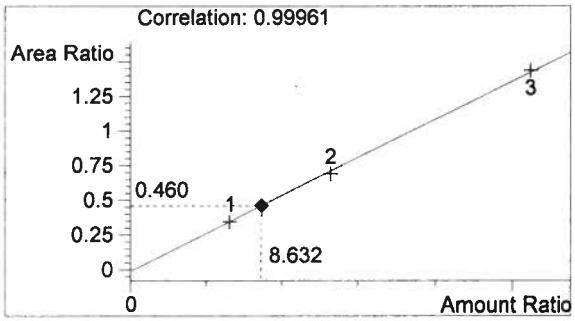
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:09:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

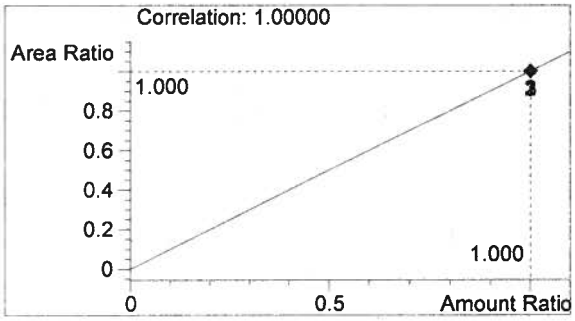
Sample Name: 13048-03
Operator: Katie Knorr
Location: Vial 40



#	Compound	Peak Area	RT (min)
1	Ethanol	827	1.018
2	n-Propanol	1798	1.744



Ethanol 0.104 g/100mL



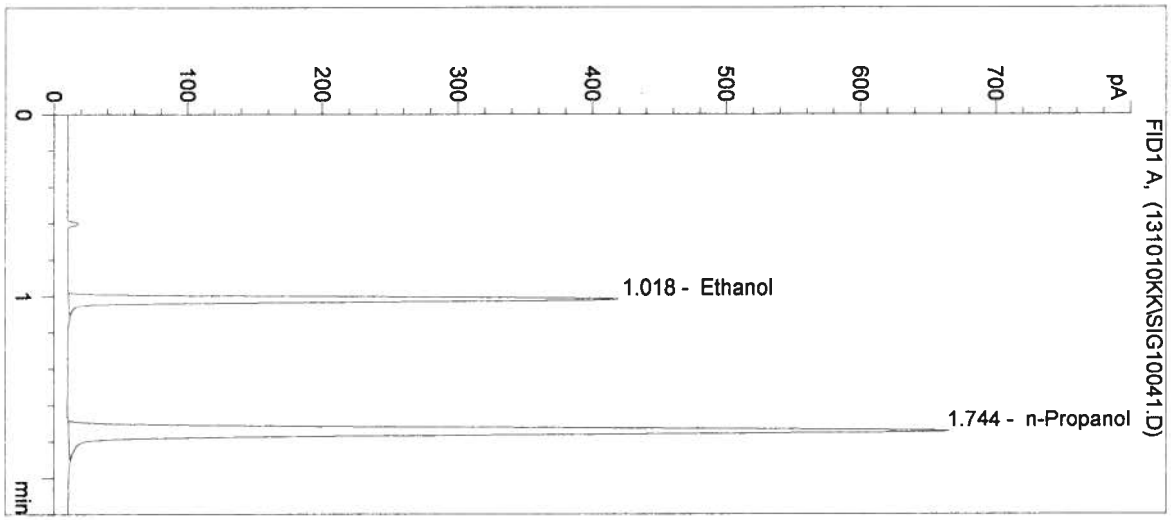
n-Propanol 0.012 g/100mL

KK

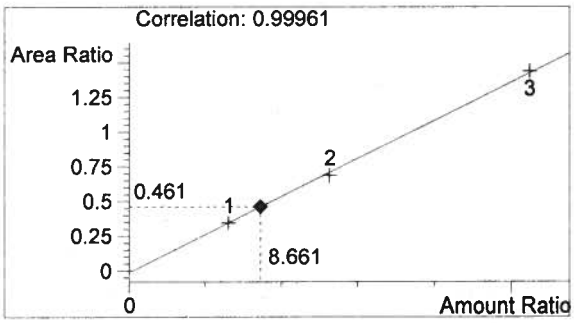
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:12:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

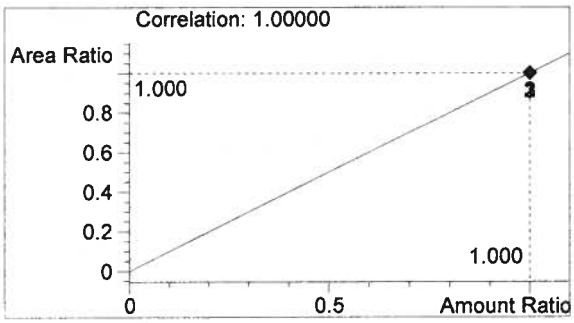
Sample Name: 13048-04
Operator: Katie Knorr
Location: Vial 41



#	Compound	Peak Area	RT (min)
1	Ethanol	807	1.018
2	n-Propanol	1750	1.744



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

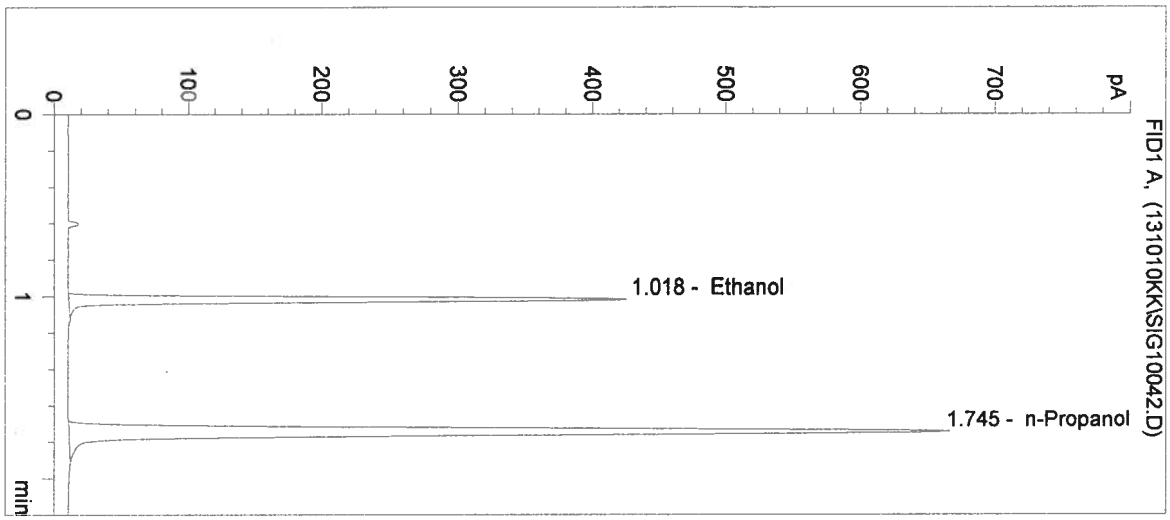
Data File: C:\HPCHEM\2\DATA\131010KK\SIG10041.D

KK

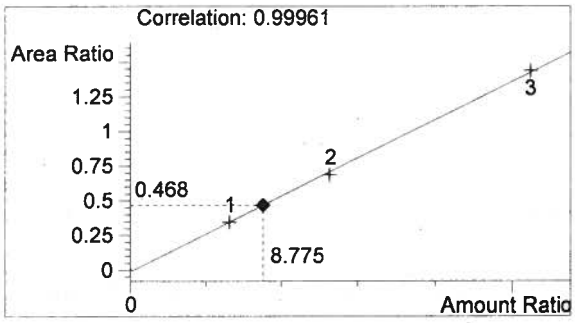
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:15:56 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

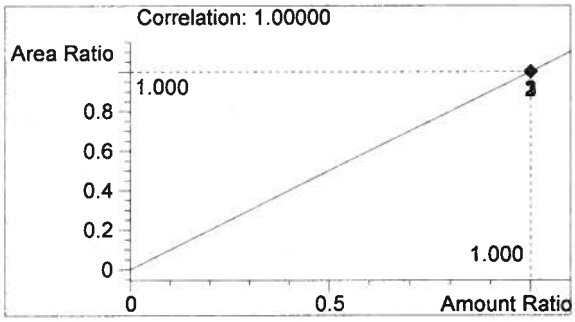
Sample Name: 13048-05
Operator: Katie Knorr
Location: Vial 42



#	Compound	Peak Area	RT (min)
1	Ethanol	821	1.018
2	n-Propanol	1757	1.745



Ethanol 0.105 g/100mL



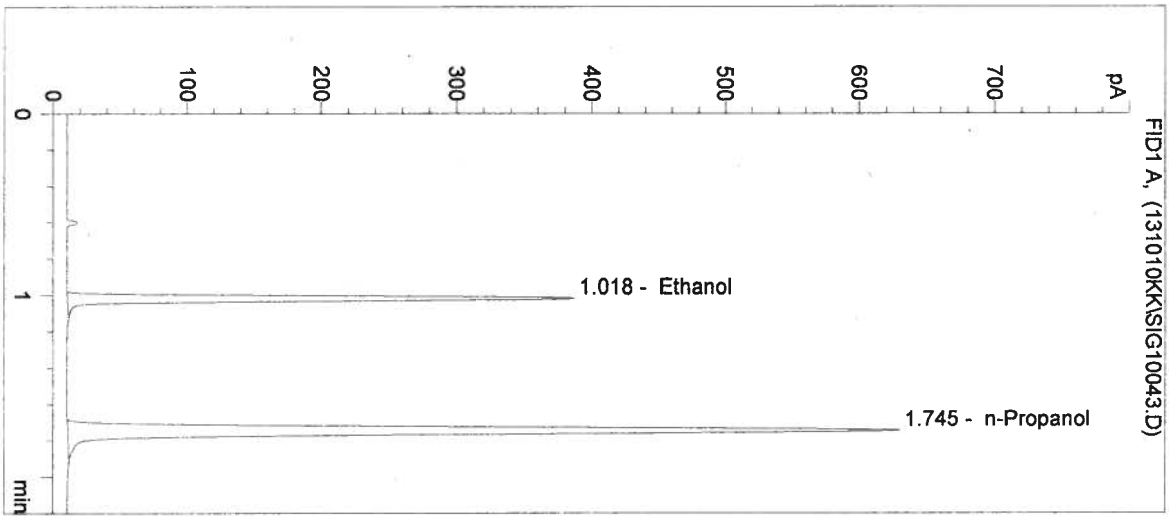
n-Propanol 0.012 g/100mL

KK

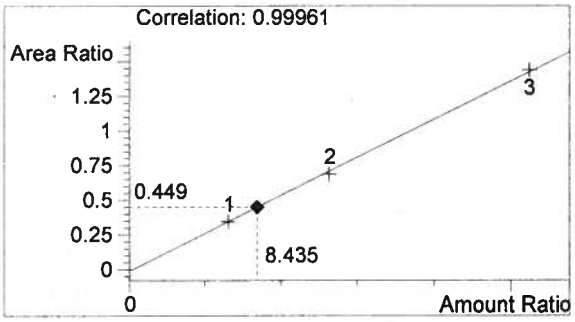
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:19:03 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

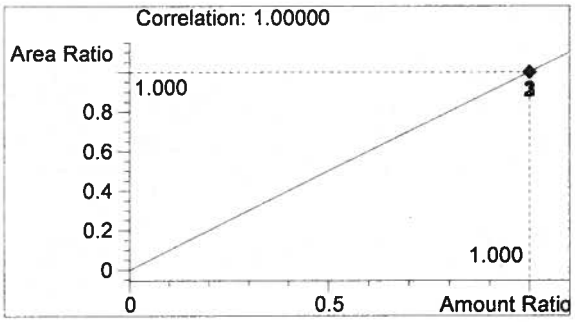
Sample Name: 0.10 Control
Operator: Katie Knorr
Location: Vial 43



#	Compound	Peak Area	RT (min)
1	Ethanol	741	1.018
2	n-Propanol	1650	1.745



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13048

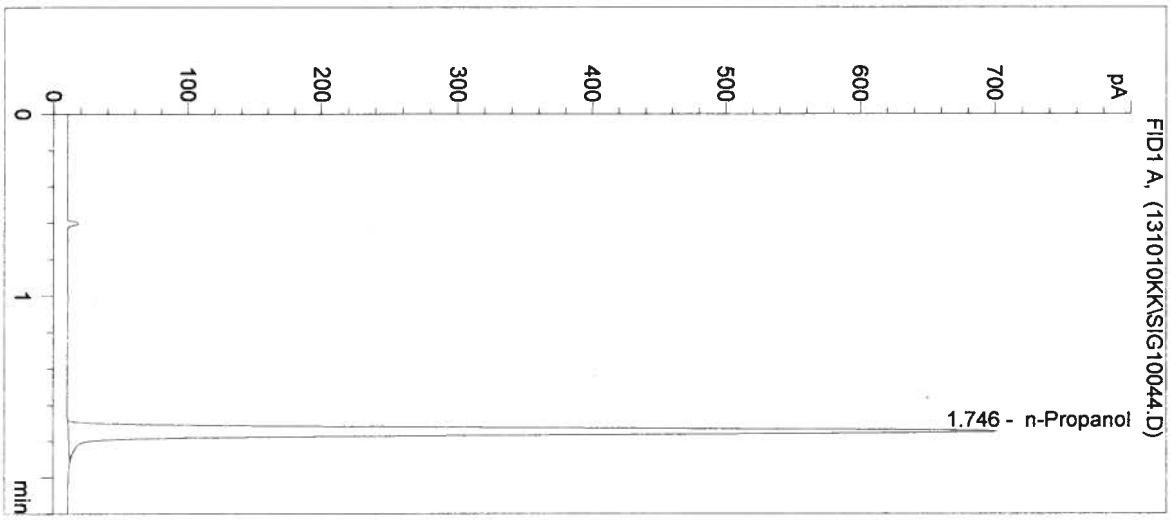
KK

Data File: C:\HPCHEM\2\DATA\131010KK\SIG10043.D

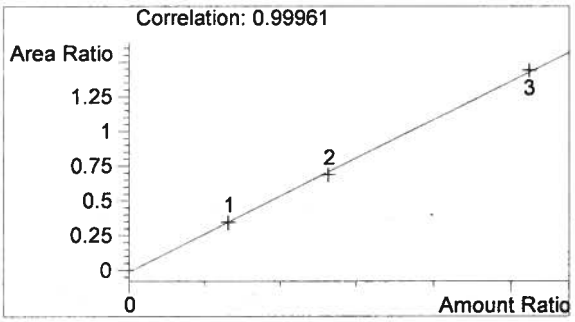
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 2:22:11 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

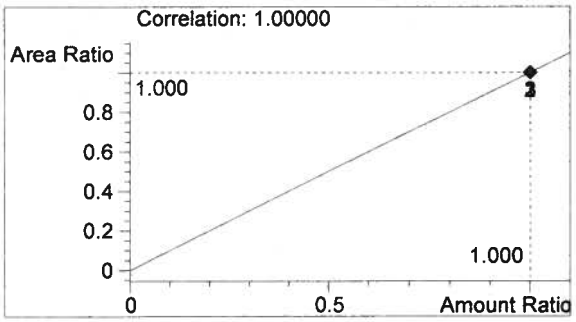
Sample Name: Neg Control
Operator: Katie Knorr
Location: Vial 44



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1848	1.746



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

113048

KK

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

Sequence Parameters:

Operator:	Christie Mitchell-Mata
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:	131010CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.079 Calibrator Lot#E0713-01 Exp. 1/24/14
0.158 Calibrator Lot#E0713-02 Exp. 1/24/14
0.316 Calibrator Lot#E0713-03 Exp. 1/24/14
0.04 control lot# A096181 Exp. 10/2017
0.10 control lot# A095230 Exp. 09/2017
0.20 control lot# A093219 Exp. 05/2017
n-propanol ISTD Lot#P0913 Exp. 12/10/13

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	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		
10	Vial 10	13048 #1	SIMALC3	1	Sample		
11	Vial 11	13048 #2	SIMALC3	1	Sample		
12	Vial 12	13048 #3	SIMALC3	1	Sample		
13	Vial 13	13048 #4	SIMALC3	1	Sample		
14	Vial 14	13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

CM

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

Sequence Table (Back Injector):

No entries - empty table!

13048

CM

Calibration Table

Calib. Data Modified : Thursday, October 10, 2013 10:51:23 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	7.87500e-2	557.75720	1.41190e-4	1		Ethanol
		2	1.58140e-1	1117.16541	1.41555e-4			
		3	3.14420e-1	2042.30127	1.53954e-4			
1.741	1	1	1.20000e-2	1592.94263	7.53323e-6	I1		n-Propanol
		2	1.20000e-2	1588.34265	7.55504e-6			
		3	1.20000e-2	1601.79993	7.49157e-6			

Peak Sum Table

No Entries in table

13048

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Calibration Curves

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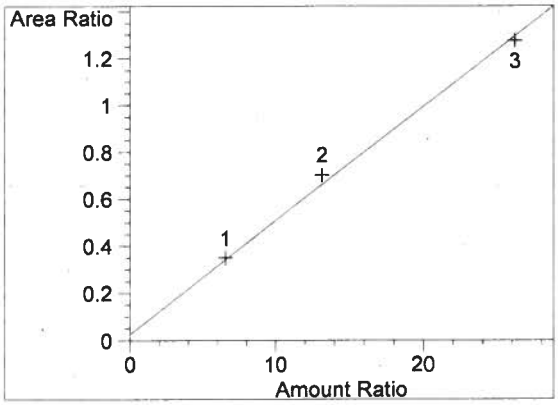
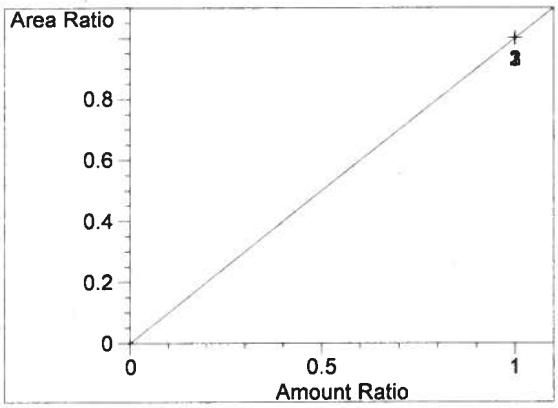


Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99851
Residual Std. Dev.: 0.03633
Formula: y = mx + b
m: 4.85372e-2
b: 2.46449e-2
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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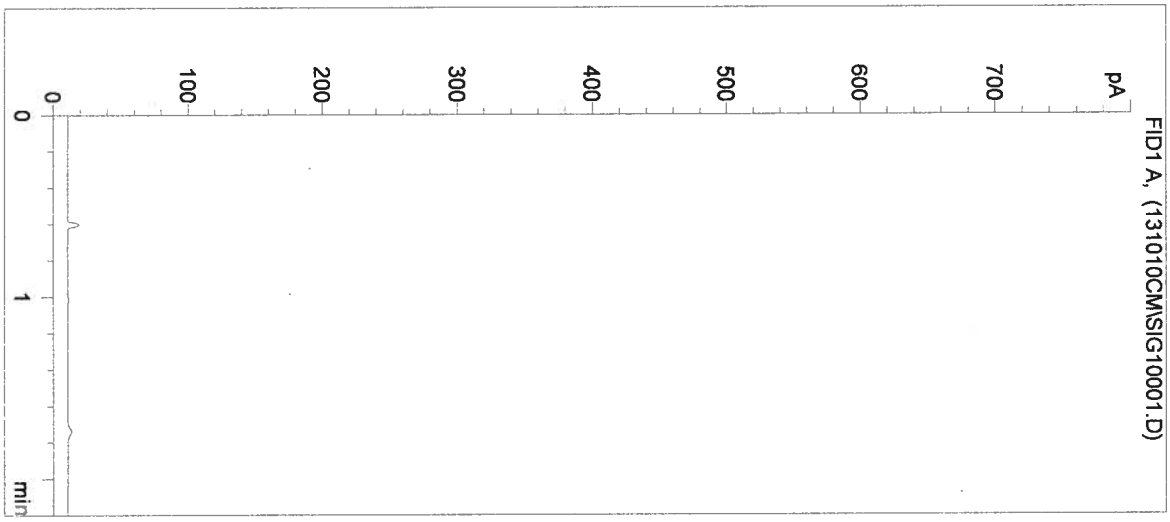
13048

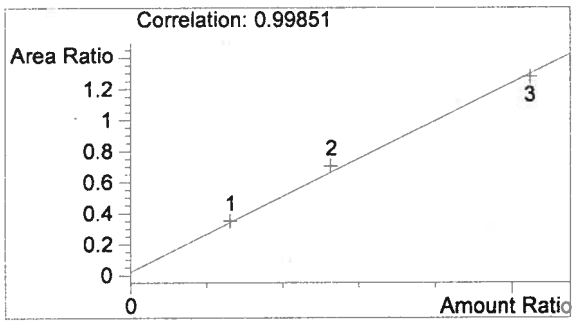
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:39:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

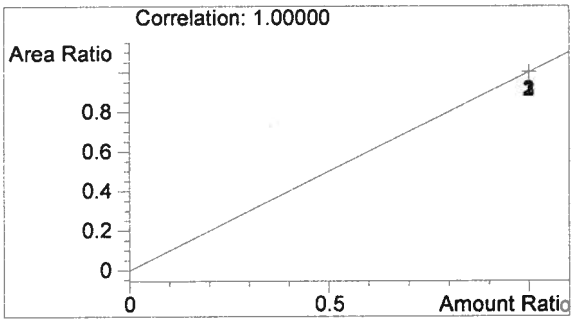
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

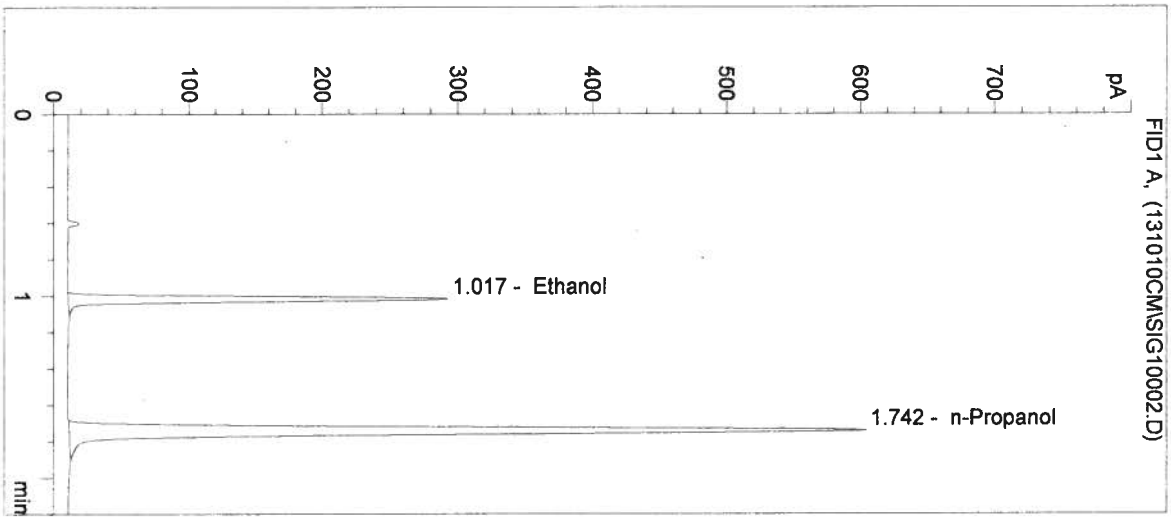
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10001.D

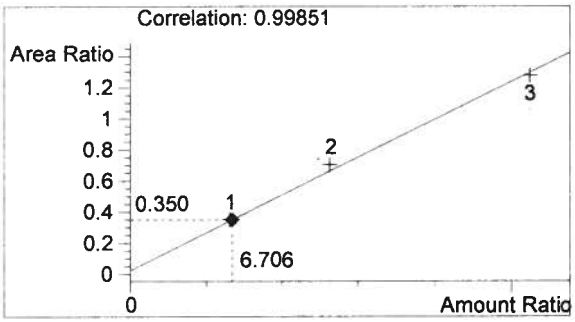
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:42:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

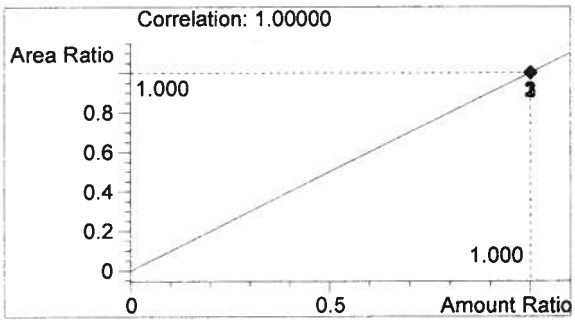
Sample Name: 0.079 CAL
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	558	1.017
2	n-Propanol	1593	1.742



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

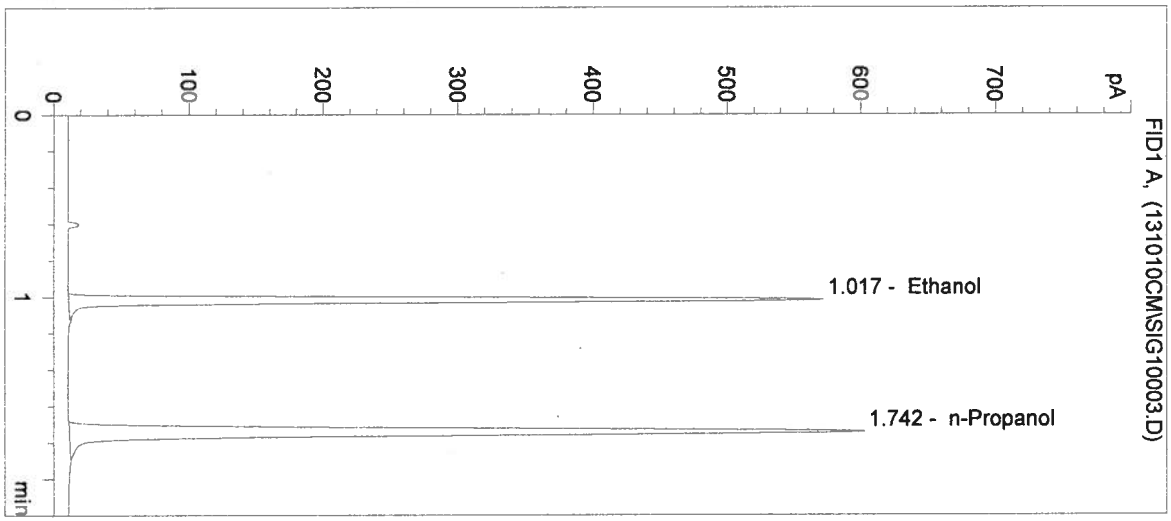
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10002.D

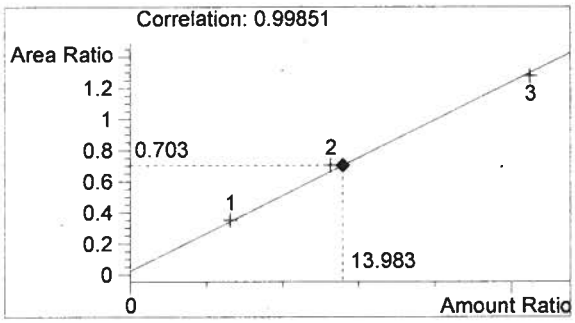
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:46:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

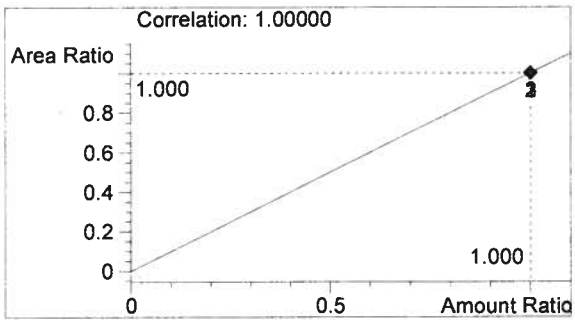
Sample Name: 0.158 CAL
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.017
2	n-Propanol	1588	1.742



Ethanol 0.168 g/100mL



n-Propanol 0.012 g/100mL

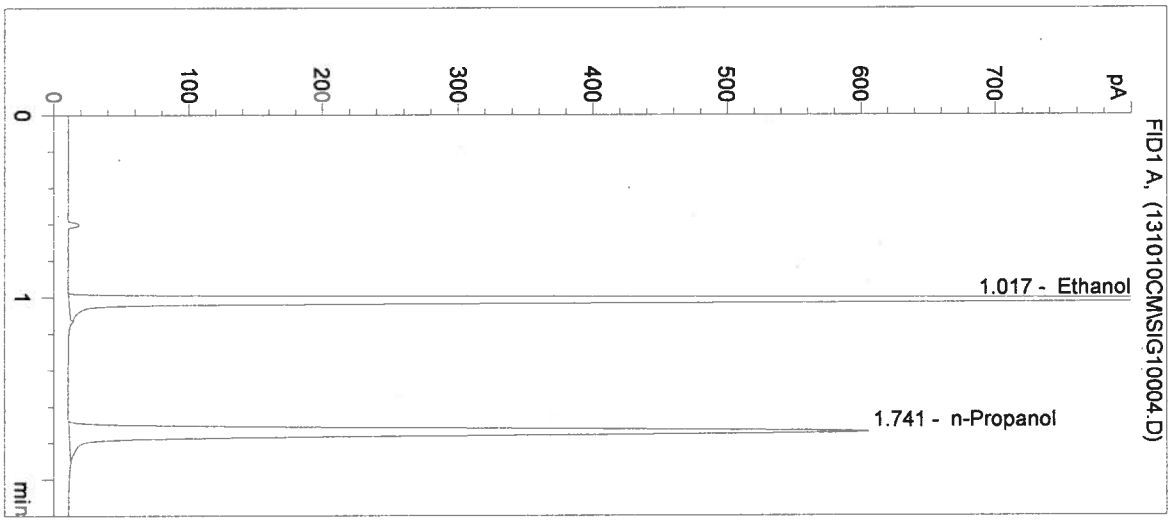
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10003.D

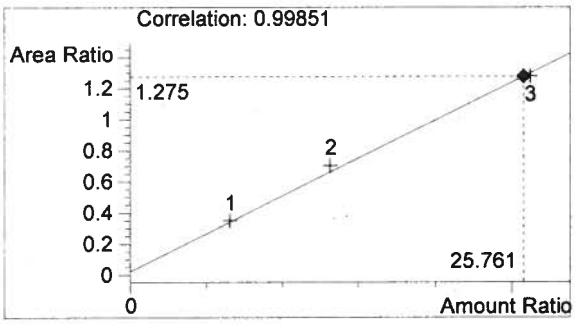
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:49:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

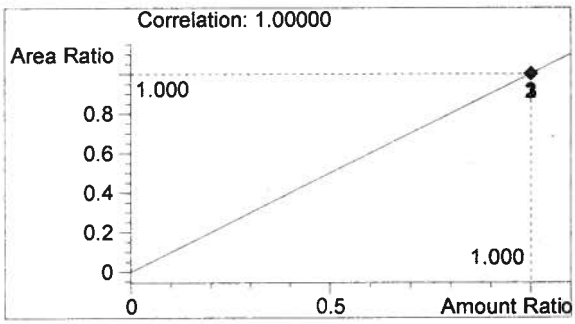
Sample Name: 0.316 CAL
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2042	1.017
2	n-Propanol	1602	1.741



Ethanol 0.309 g/100mL



n-Propanol 0.012 g/100mL

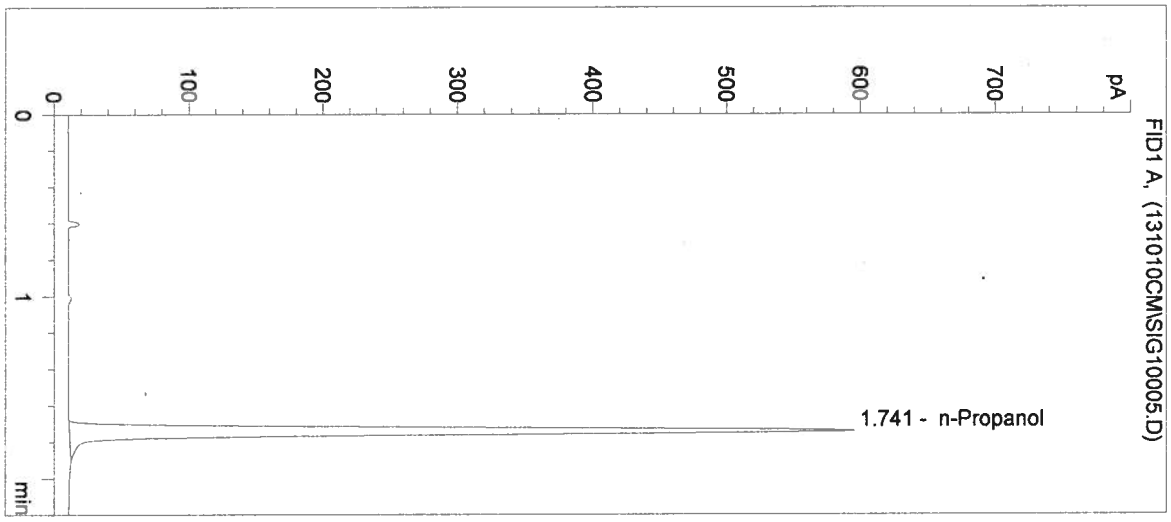
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10004.D

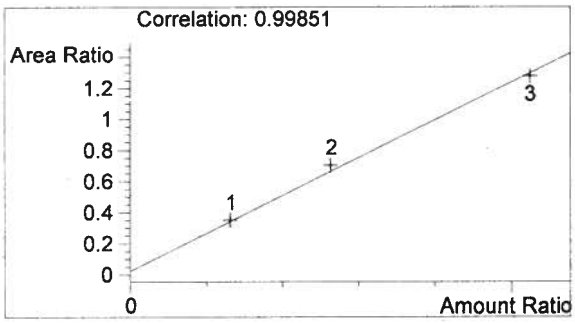
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:52:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

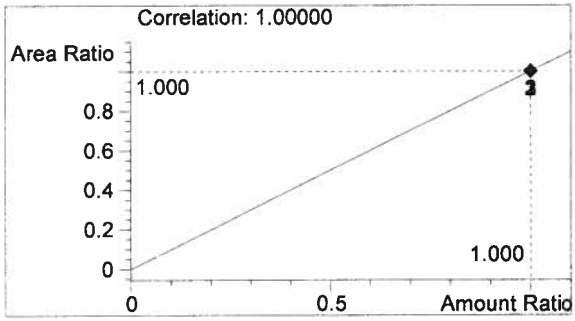
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1566	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

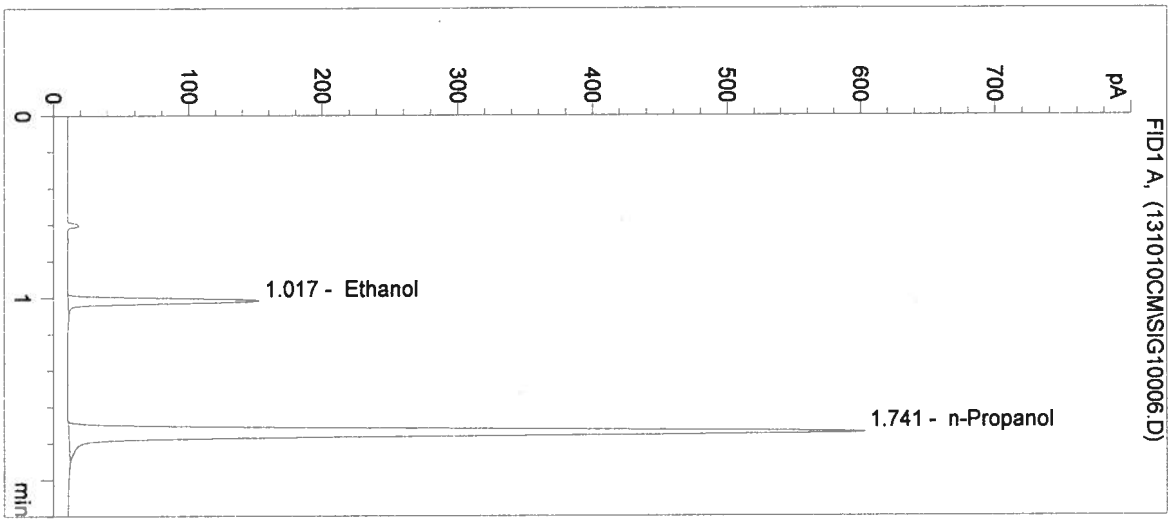
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10005.D

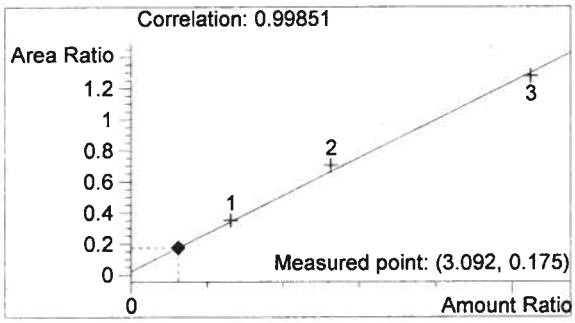
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:55:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

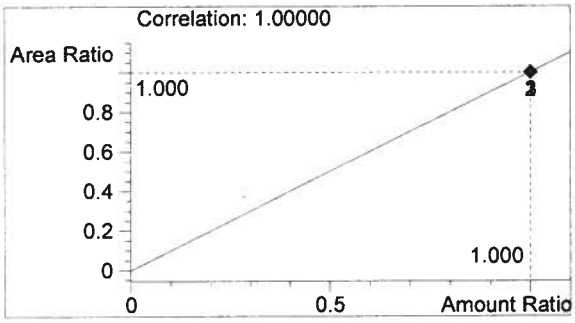
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	278	1.017
2	n-Propanol	1592	1.741



Ethanol 0.037 g/100mL



n-Propanol 0.012 g/100mL

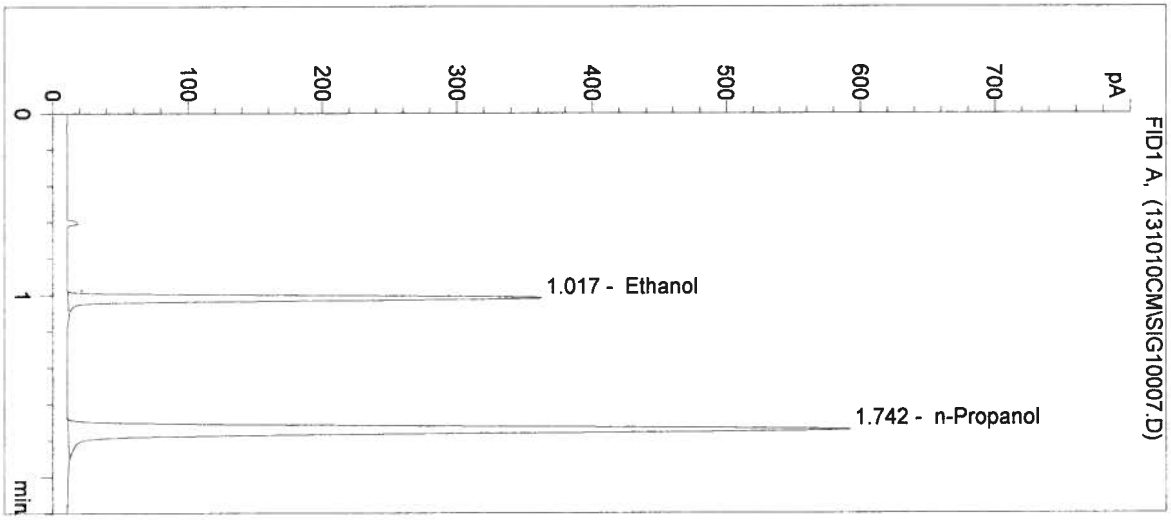
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10006.D

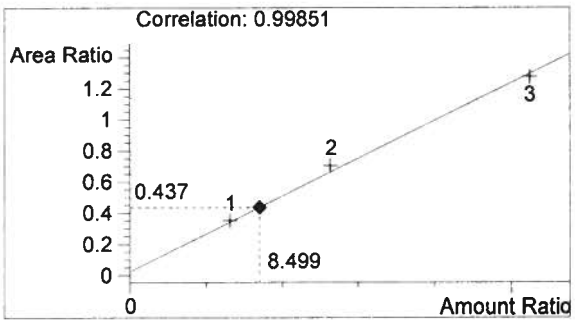
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 10:58:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

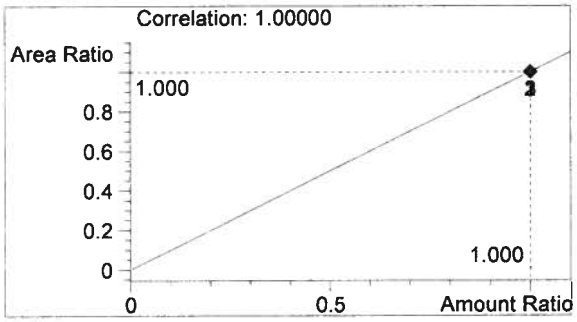
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.017
2	n-Propanol	1557	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

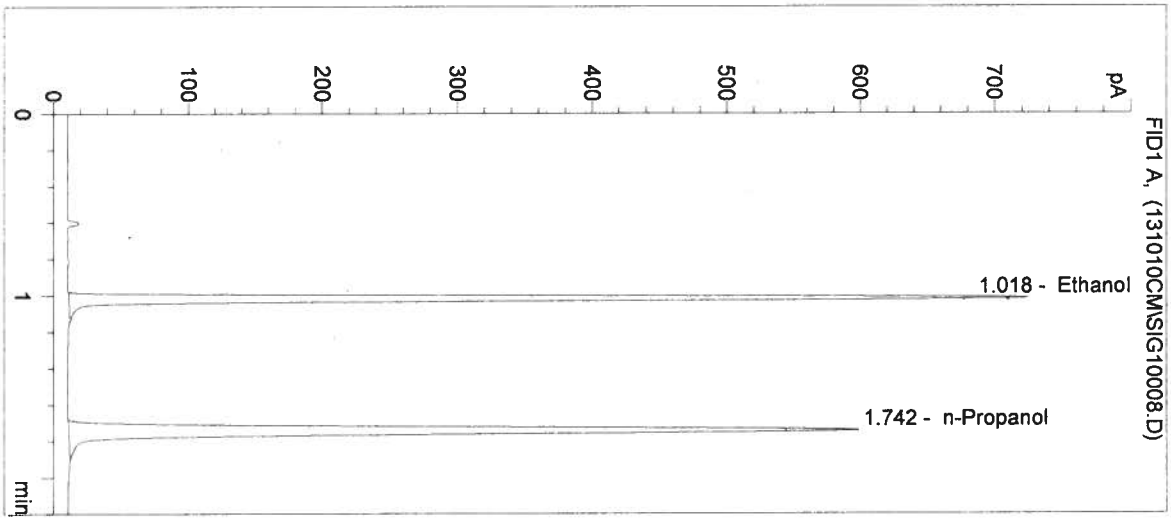
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10007.D

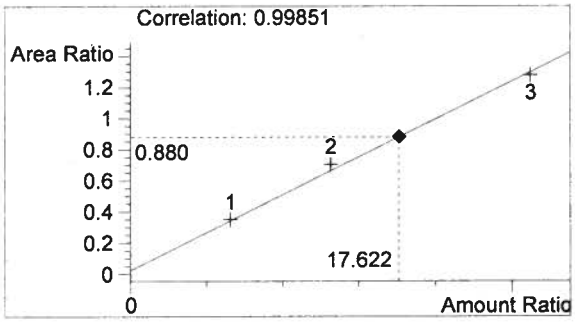
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:01:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

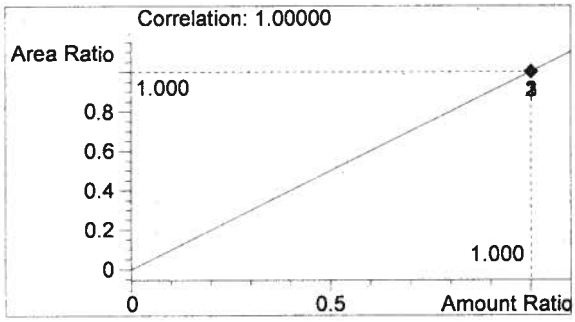
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1384	1.018
2	n-Propanol	1573	1.742



Ethanol 0.211 g/100mL



n-Propanol 0.012 g/100mL

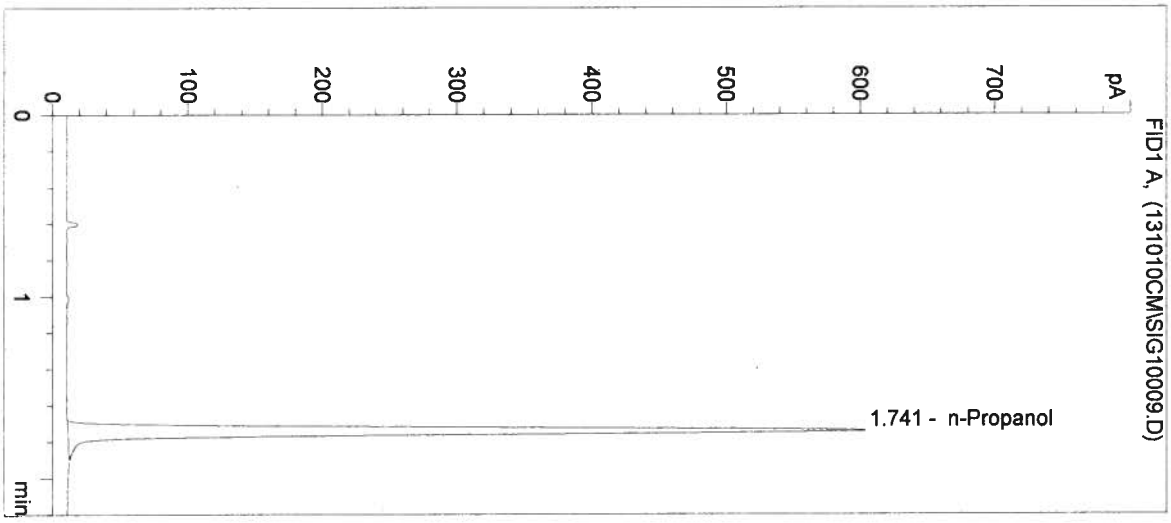
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10008.D

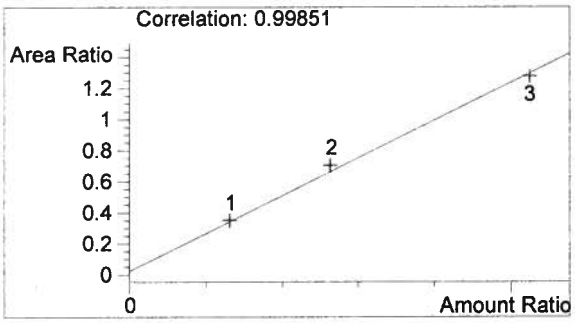
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:04:48 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

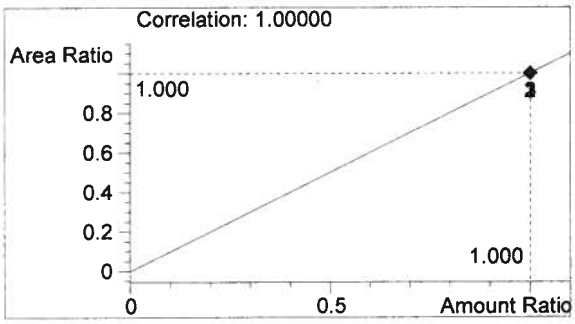
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1590	1.741



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

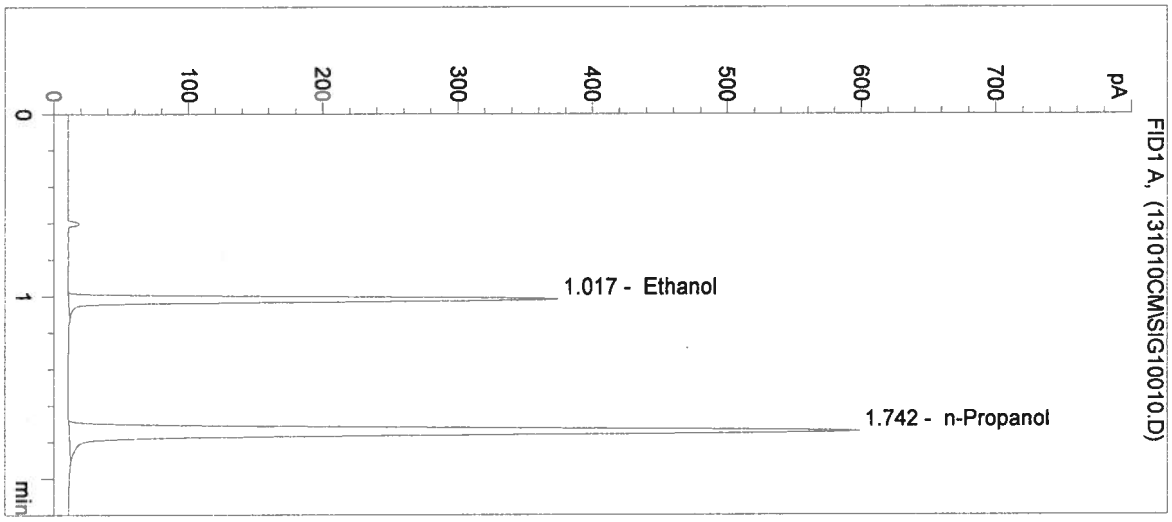
13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10009.D

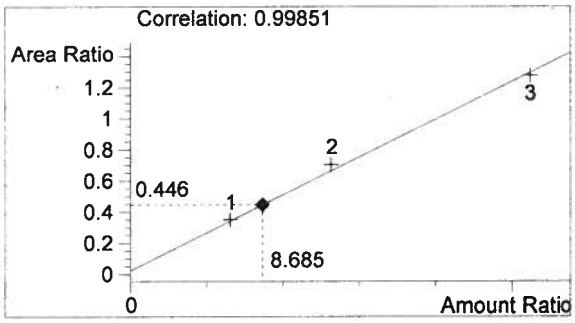
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:07:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

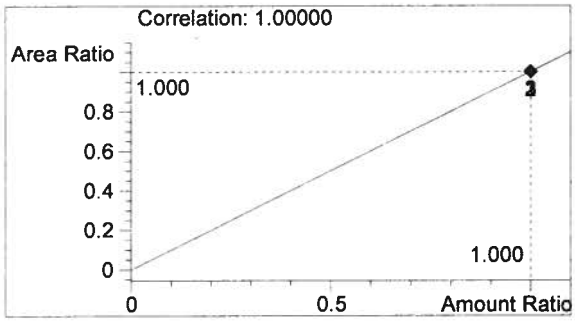
Sample Name: 13048 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.017
2	n-Propanol	1572	1.742



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

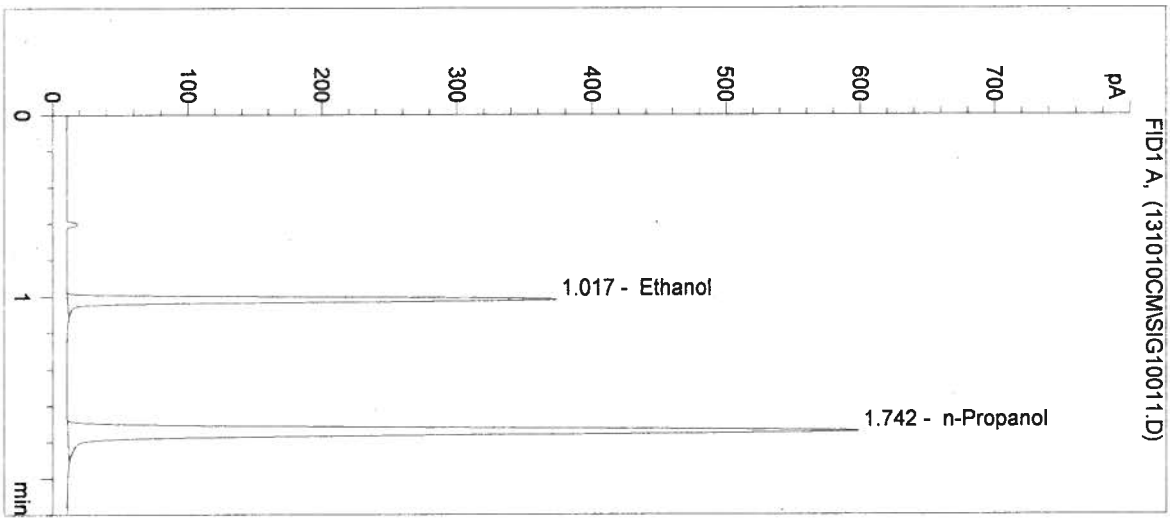
Data File: C:\HPCHEM\2\DATA\131010CM\SIG10010.D

CM

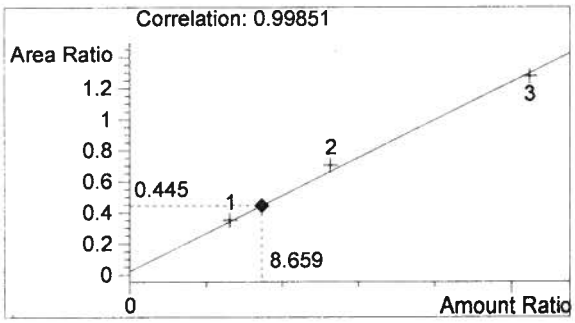
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:11:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

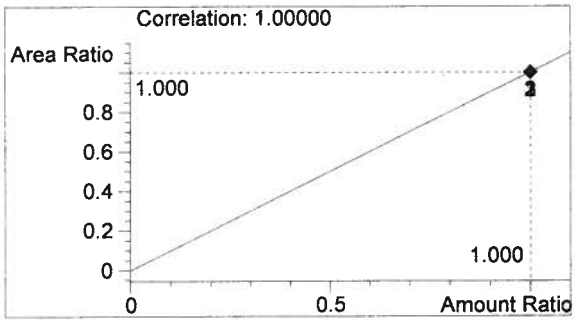
Sample Name: 13048 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1575	1.742



Ethanol 0.104 g/100mL



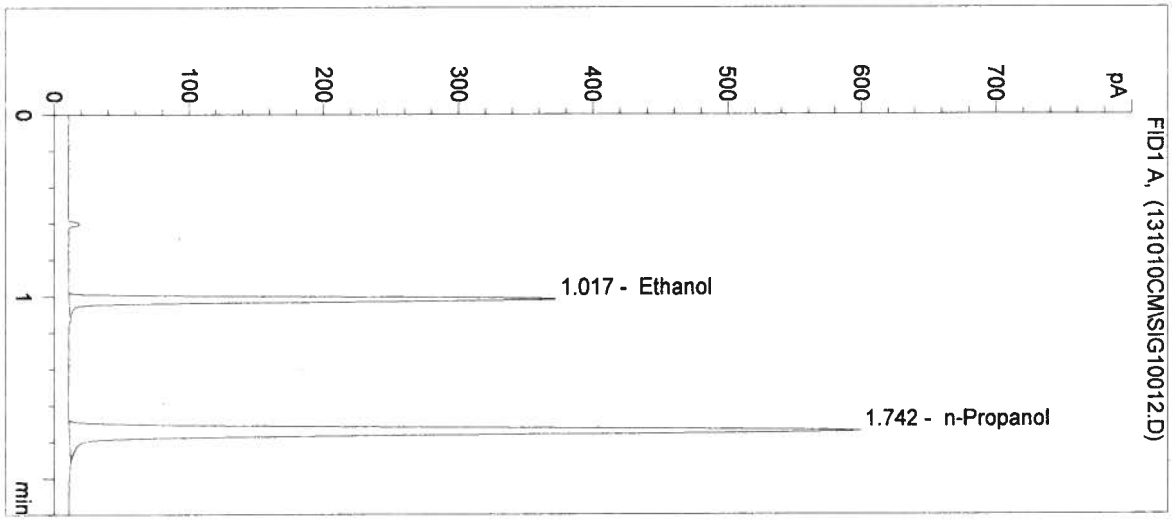
n-Propanol 0.012 g/100mL

CM

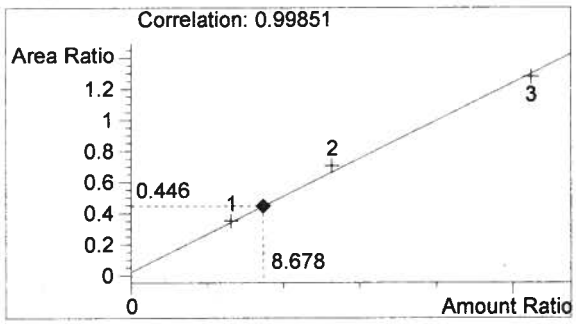
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:14:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

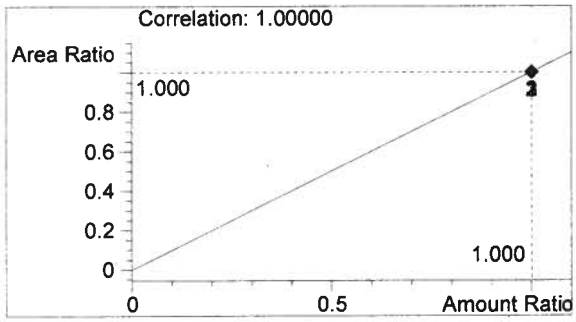
Sample Name: 13048 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	703	1.017
2	n-Propanol	1576	1.742



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

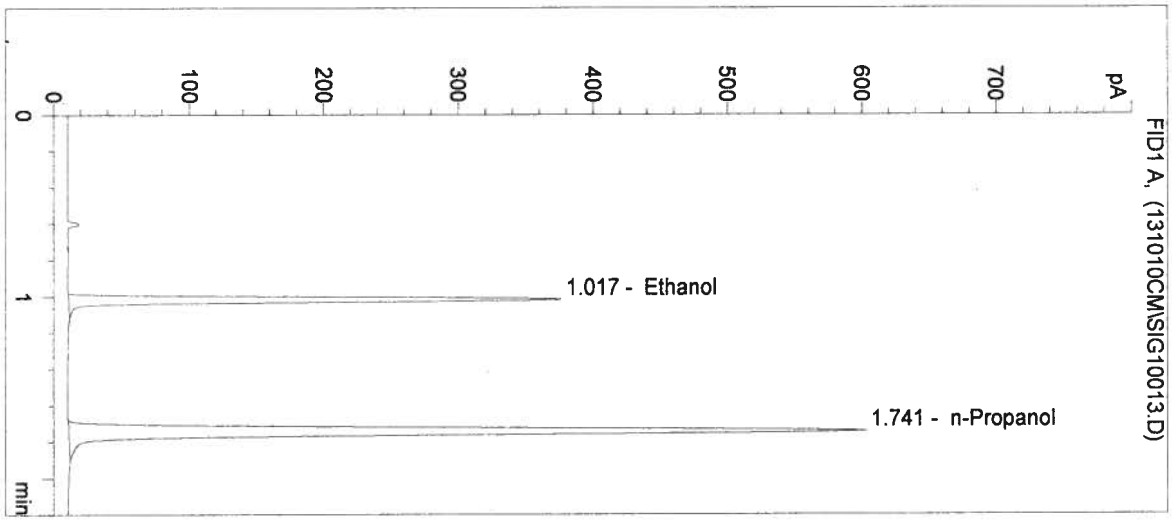
Data File: C:\HPCHEM\2\DATA\131010CM\SIG10012.D

CM

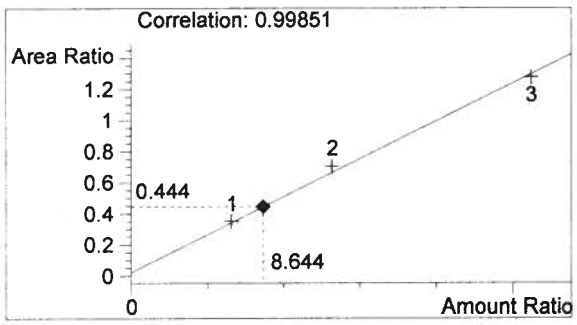
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:17:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

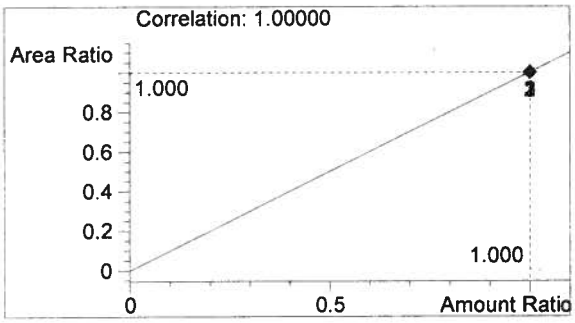
Sample Name: 13048 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	702	1.017
2	n-Propanol	1581	1.741



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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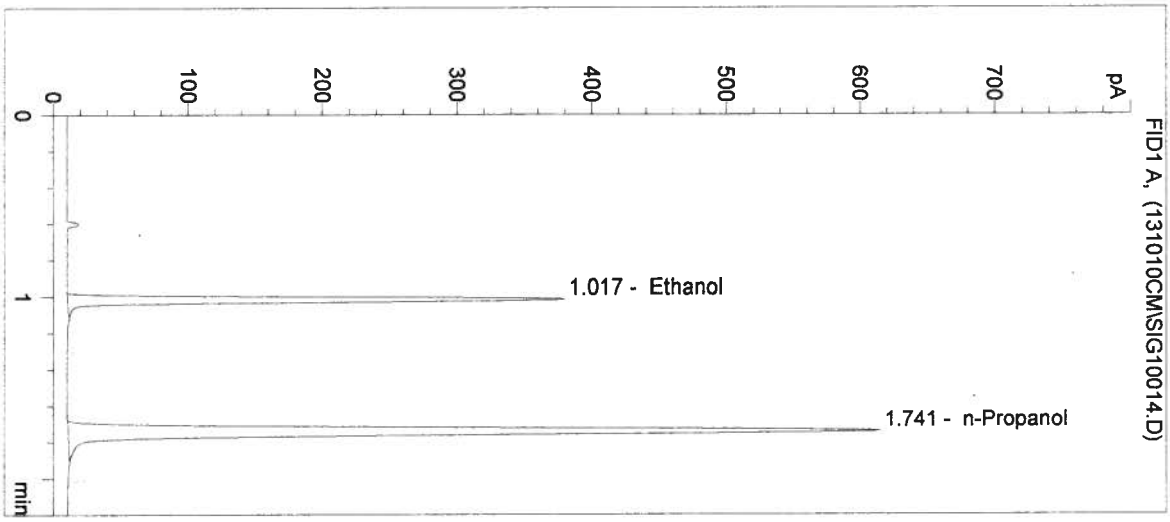
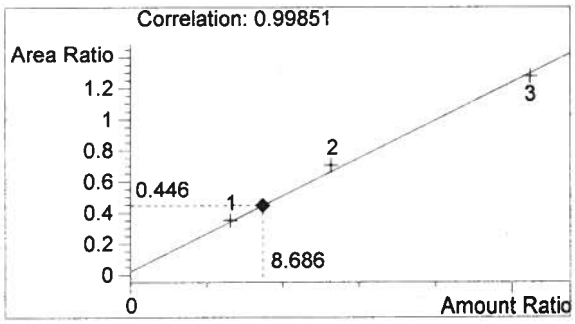
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:20:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

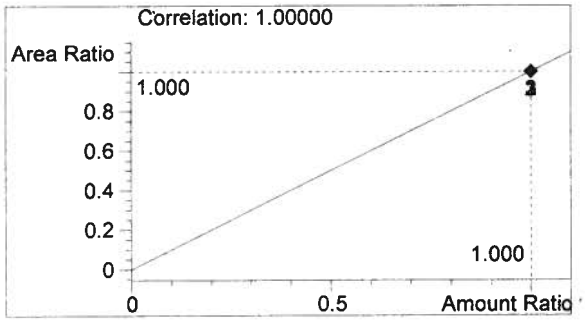
Sample Name: 13048 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	722	1.017
2	n-Propanol	1619	1.741



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

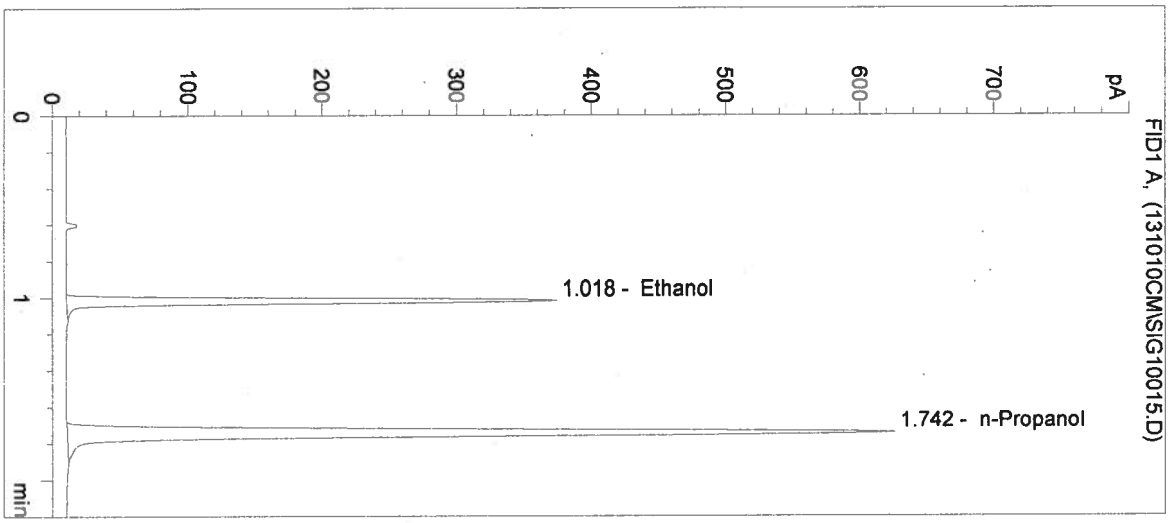
Data File: C:\HPCHEM\2\DATA\131010CM\SIG10014.D

CM

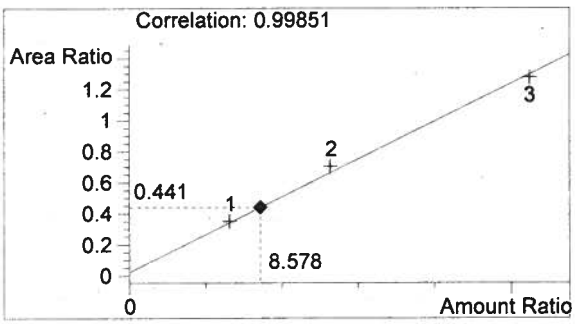
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:23:33 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

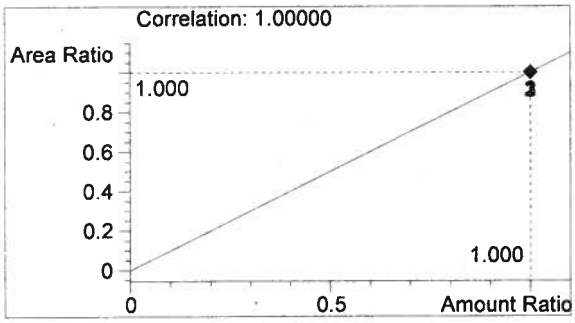
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	730	1.018
2	n-Propanol	1655	1.742



Ethanol 0.103 g/100mL



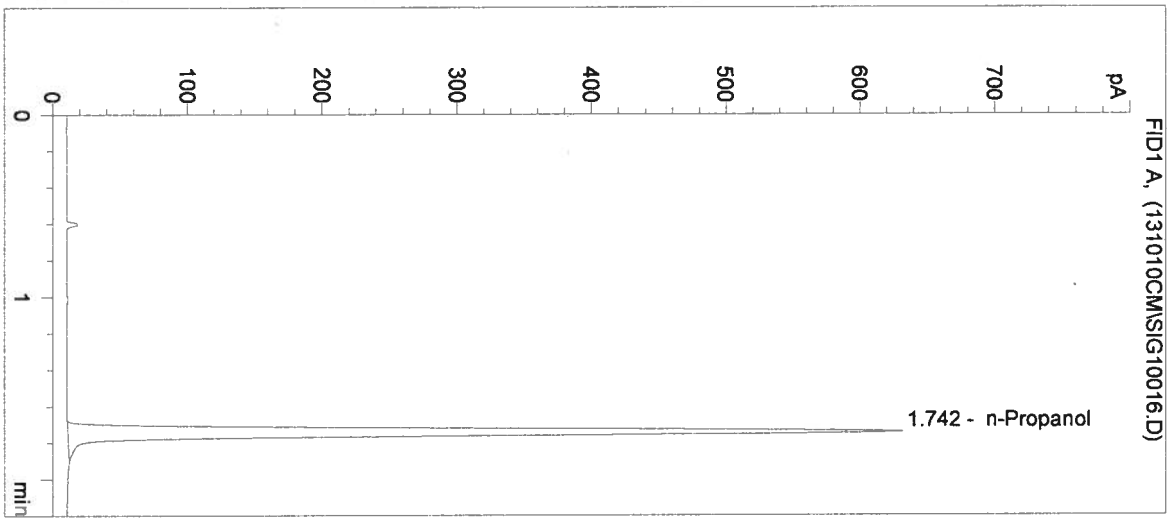
n-Propanol 0.012 g/100mL

13048

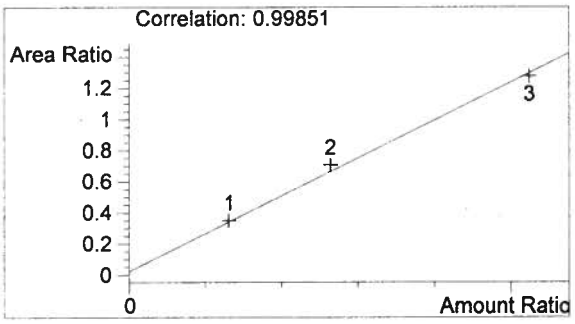
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 11:26:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

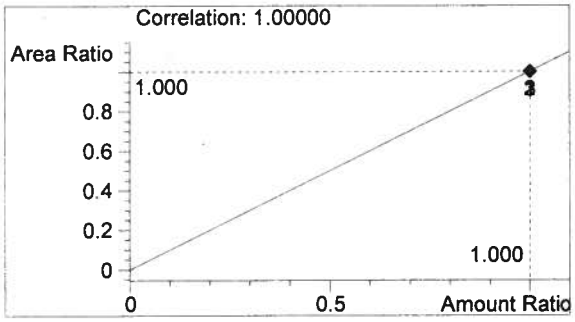
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1669	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

Data File: C:\HPCHEM\2\DATA\131010CM\SIG10016.D

Sequence: C:\HPCHEM\2\SEQUENCE\CJEXTST3.S

Sequence Parameters:

Operator:	Chris Johnston
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:	131010CJ
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#E0713-01 - Exp 01/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 01/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 01/24/14

CTRL 1 (0.04 g/100mL) - Lot#A096181 - Exp 10/2017
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#A093219 - Exp 05/2017

n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	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-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 13048 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 13048 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 13048 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 13048 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	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	

cl

Sequence Table (Back Injector):

No entries - empty table!

13048

Calibration Table

Calib. Data Modified : Thursday, October 10, 2013 4:26:36 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	7.87500e-2	543.85675	1.44799e-4	1		Ethanol
		2	1.58140e-1	1098.31189	1.43985e-4			
		3	3.14420e-1	2171.10791	1.44820e-4			
1.741	1	1	1.20000e-2	1572.05640	7.63331e-6	I1		n-Propanol
		2	1.20000e-2	1600.33704	7.49842e-6			
		3	1.20000e-2	1580.58862	7.59211e-6			

Peak Sum Table

No Entries in table

13048

CJ

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Calibration Curves

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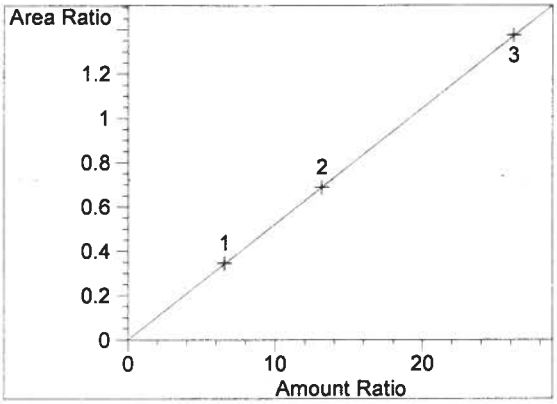
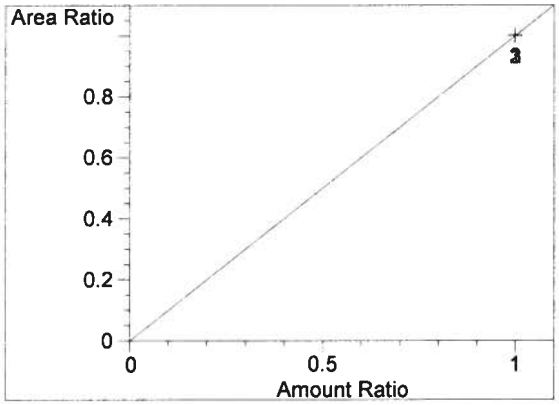


Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00332
Formula: y = mx + b
m: 5.23787e-2
b: -1.37238e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.741
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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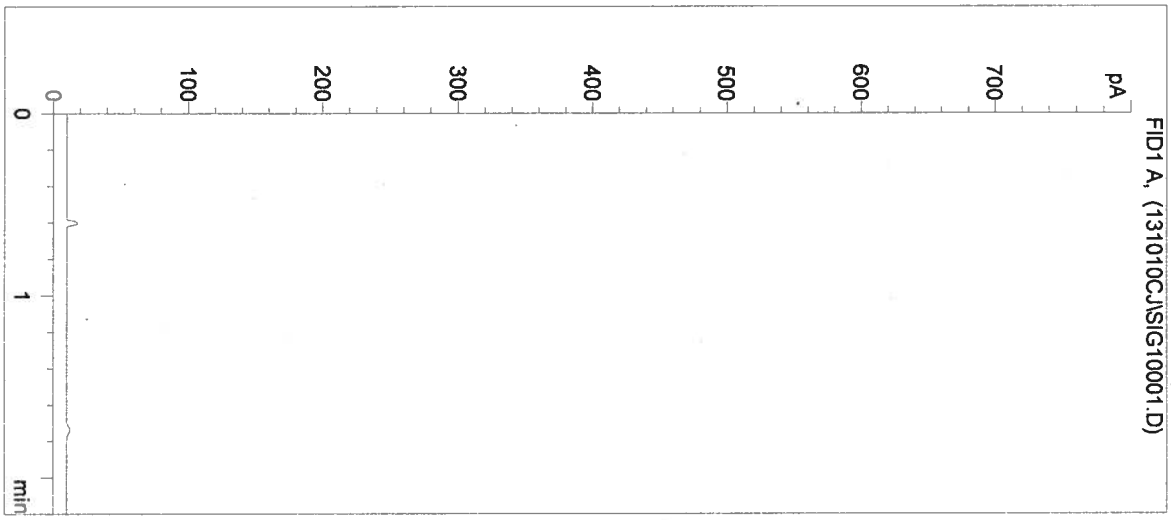
13048

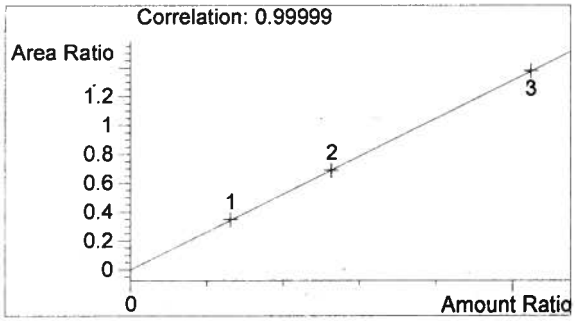
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:15:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

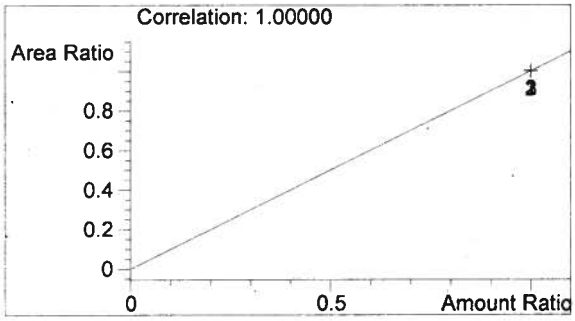
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

13048

CJ

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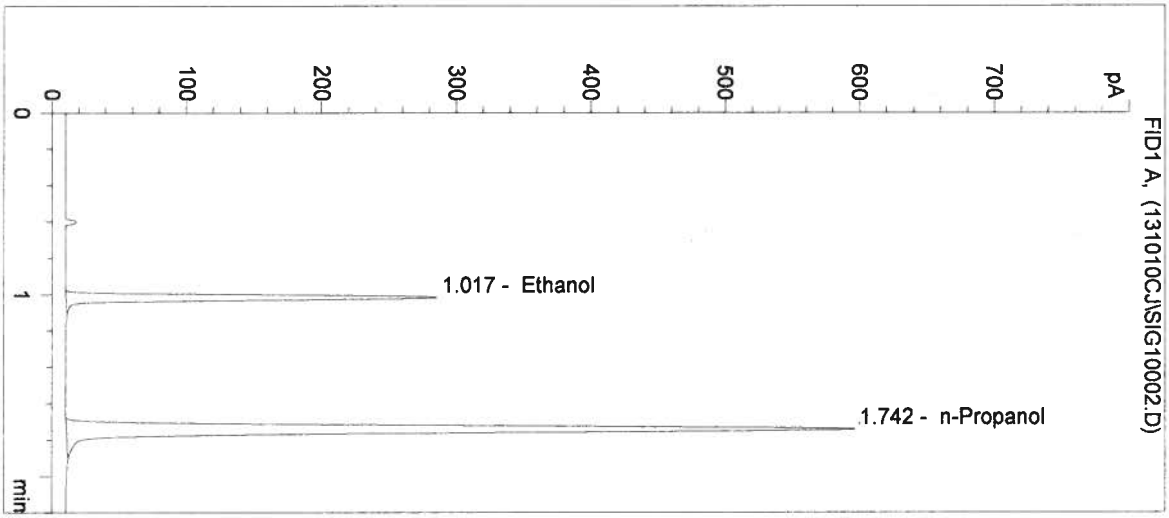
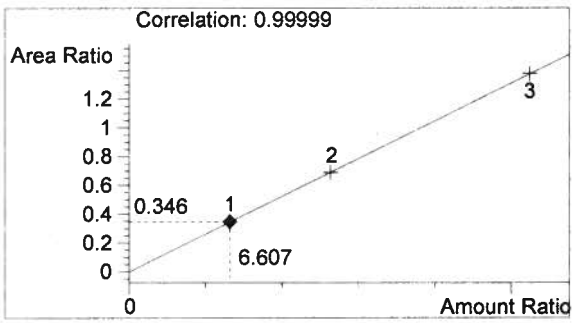
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:18:08 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

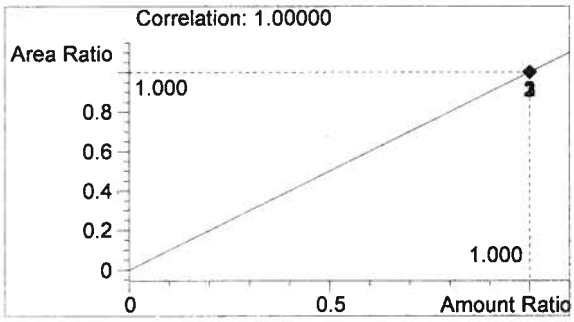
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	544	1.017
2	n-Propanol	1572	1.742



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

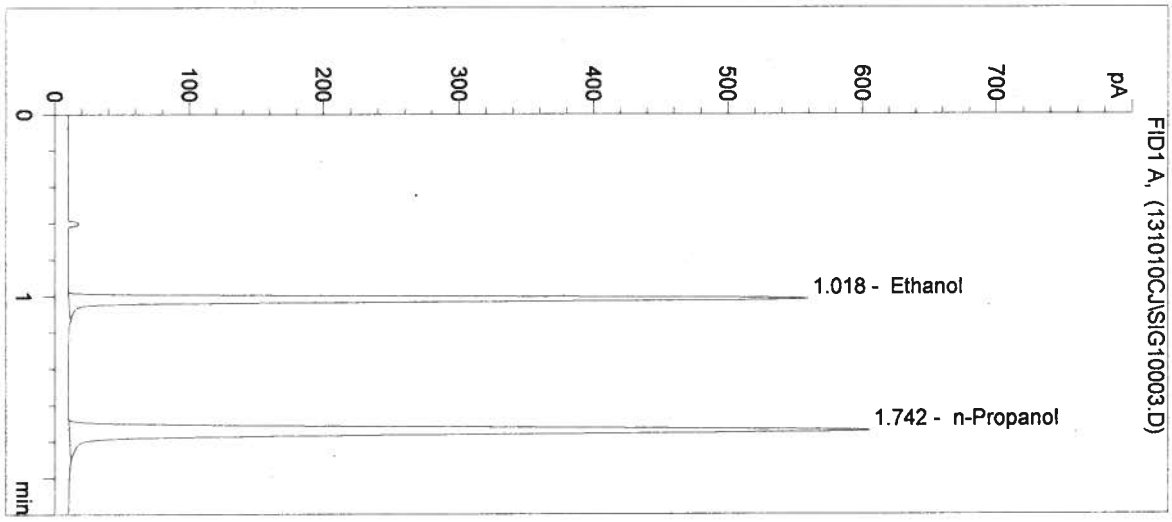
13048

W

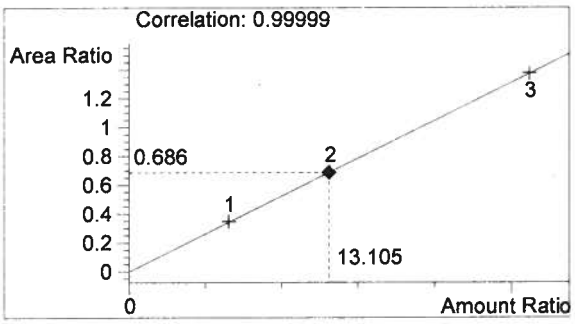
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:21:16 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

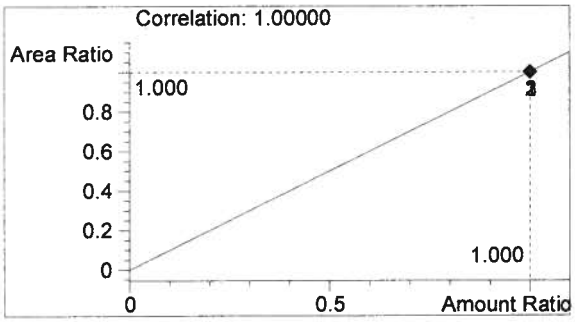
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.018
2	n-Propanol	1600	1.742



Ethanol 0.157 g/100mL



n-Propanol 0.012 g/100mL

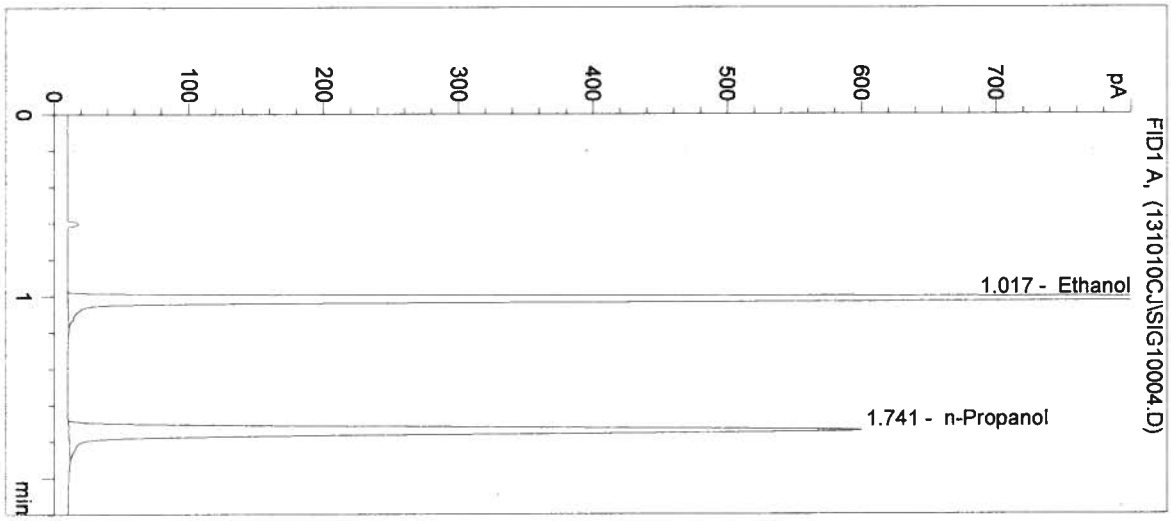
13048

W

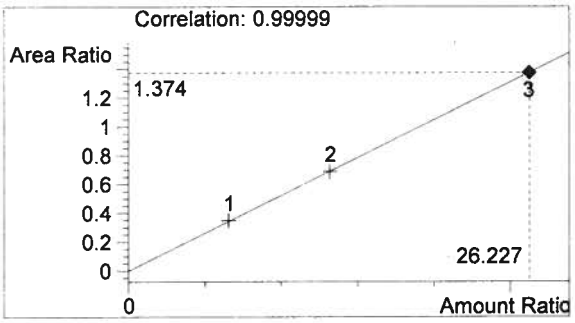
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:24:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

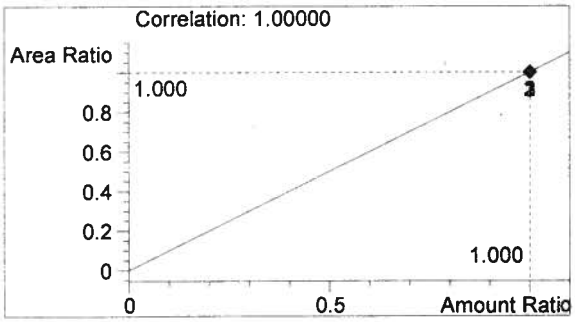
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2171	1.017
2	n-Propanol	1581	1.741



Ethanol 0.315 g/100mL



n-Propanol 0.012 g/100mL

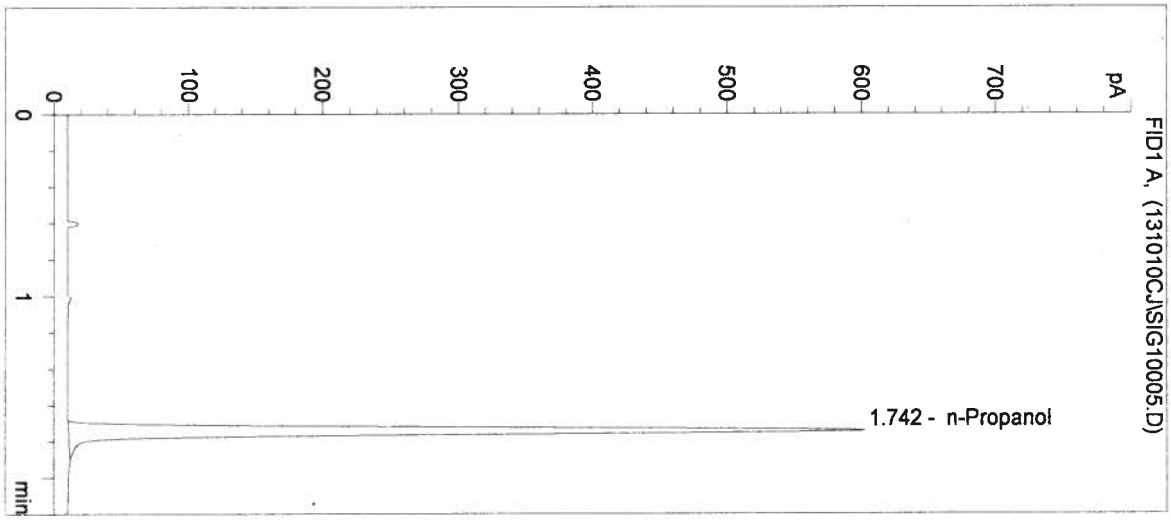
13048

Data File: C:\HPCHEM\2\DATA\131010CJ\SIG10004.D

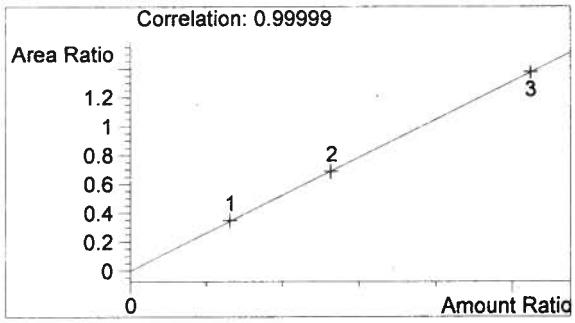
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:27:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

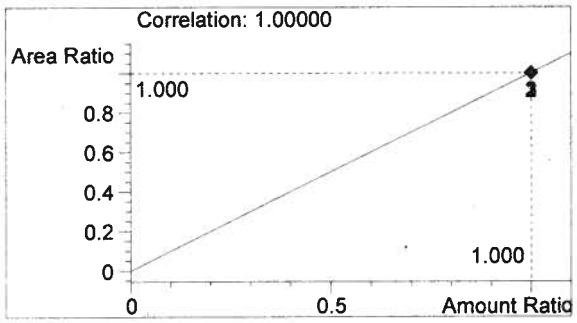
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1590	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

U 13048

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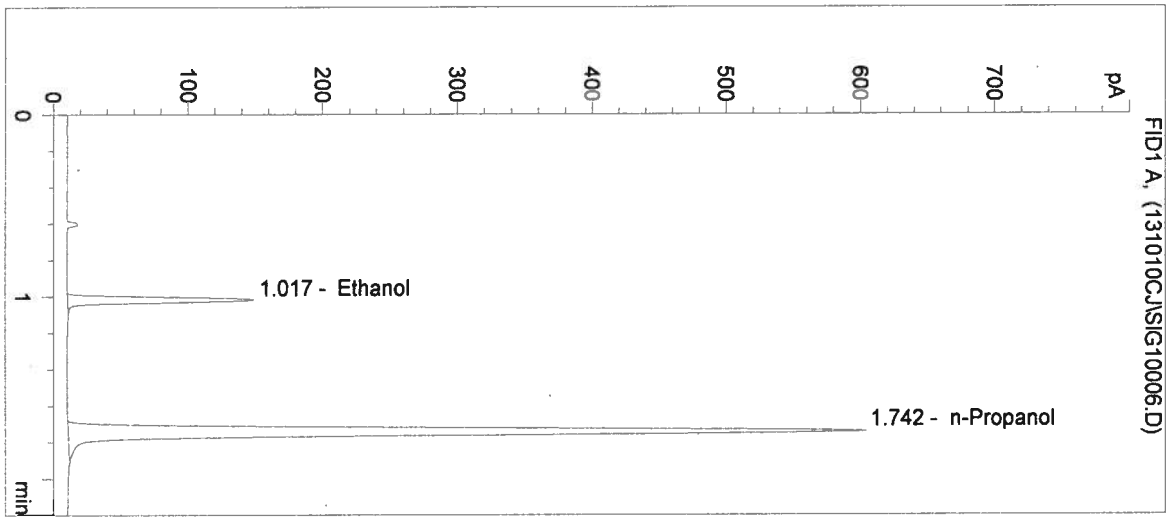
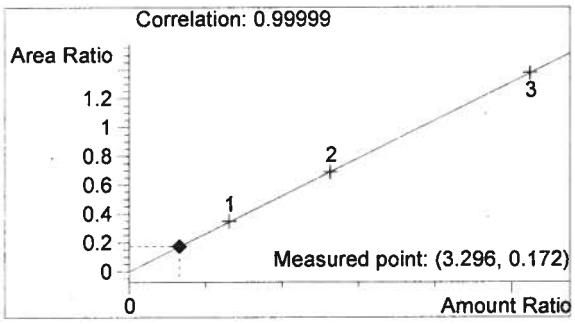
Inj. Date: 10/10/2013 4:30:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6

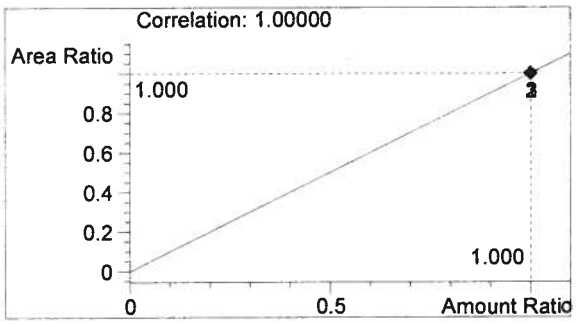
->



#	Compound	Peak Area	RT (min)
1	Ethanol	275	1.017
2	n-Propanol	1594	1.742



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

CJ

13048

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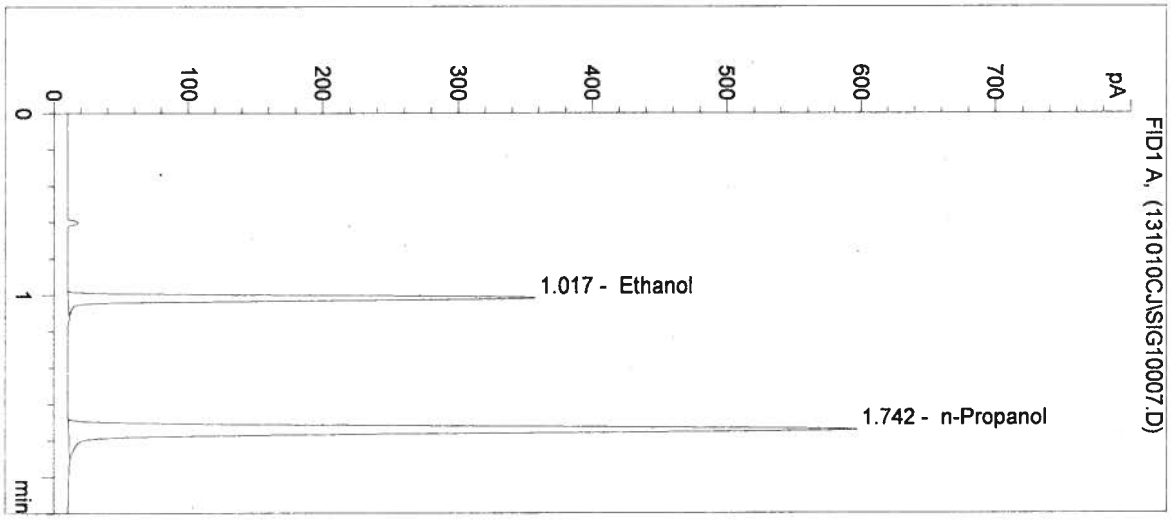
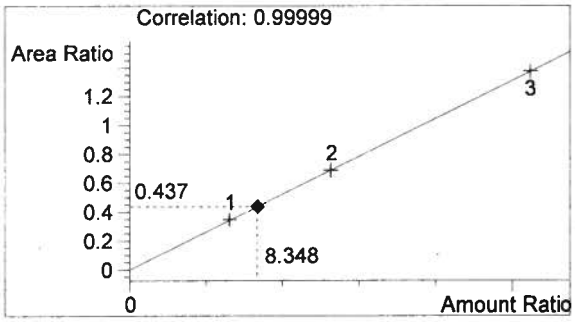
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:33:46 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

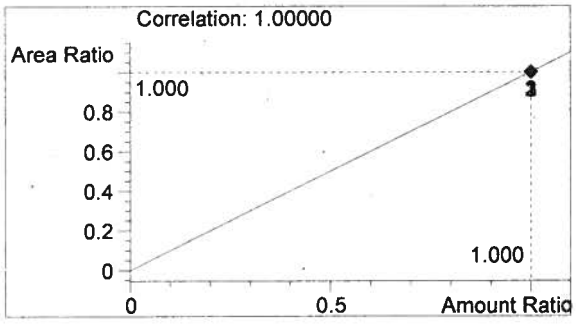
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	686	1.017
2	n-Propanol	1569	1.742



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13048

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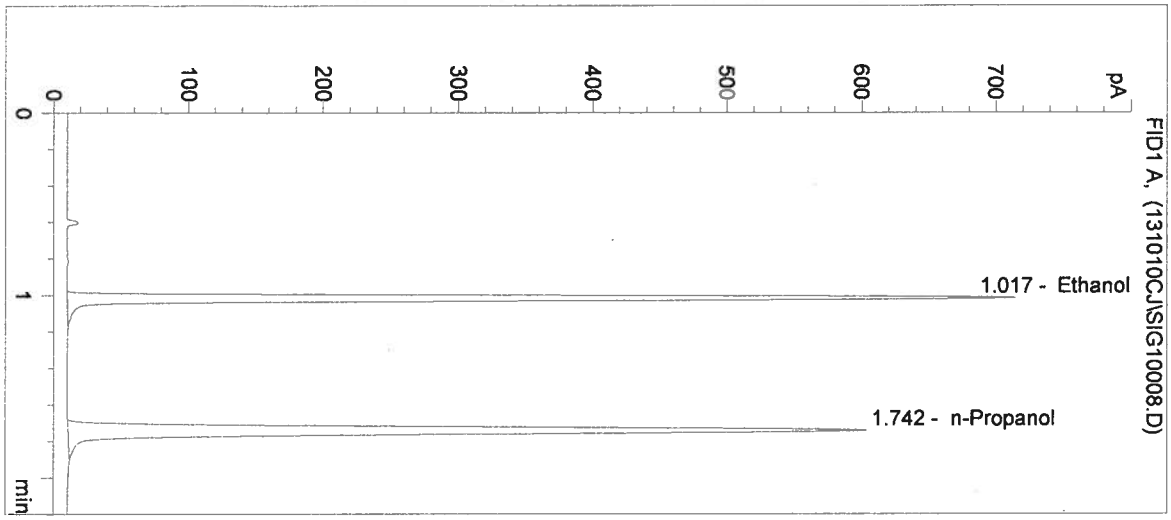
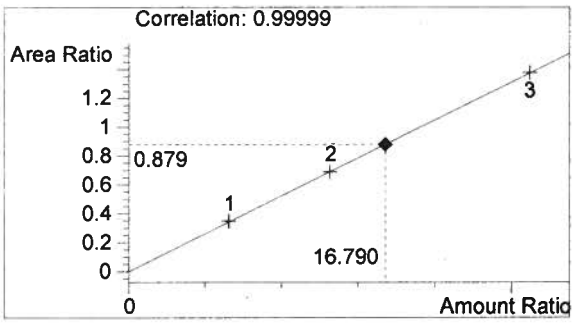
Inj. Date: 10/10/2013 4:36:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

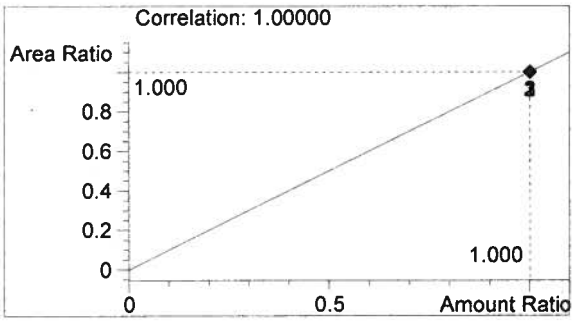
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1395	1.017
2	n-Propanol	1586	1.742



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

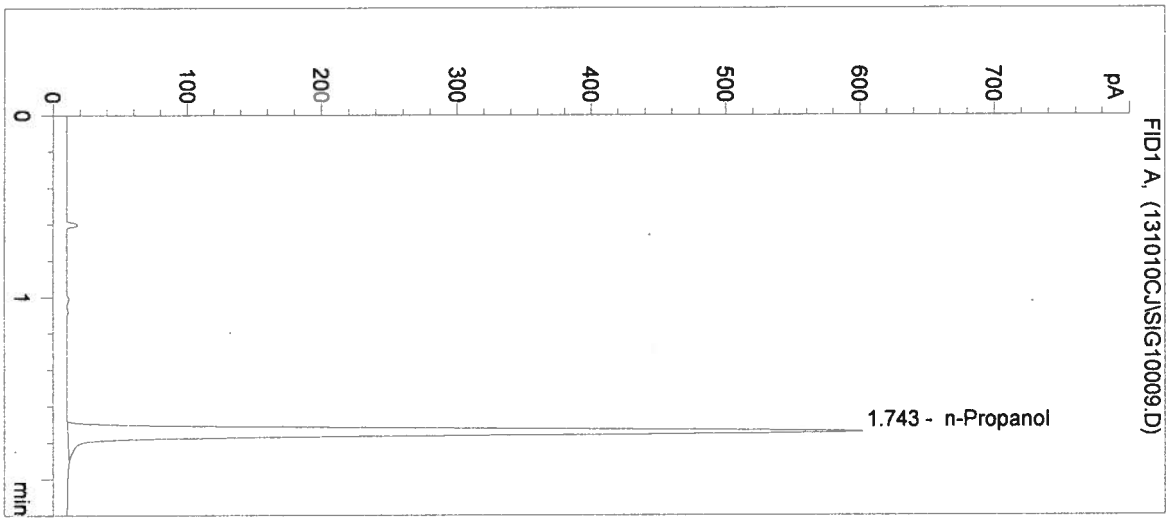
CJ

13048

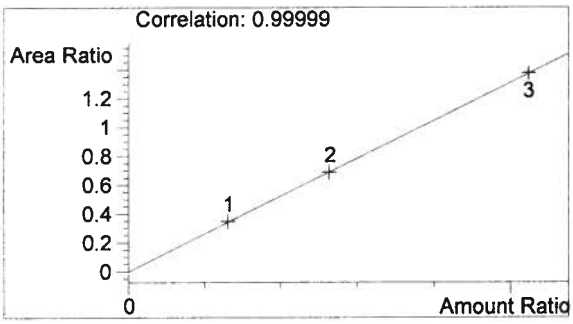
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:40:01 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

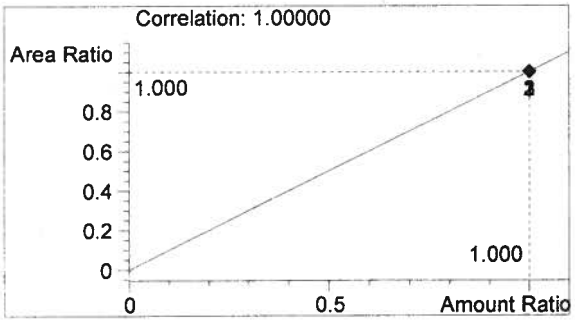
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1581	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

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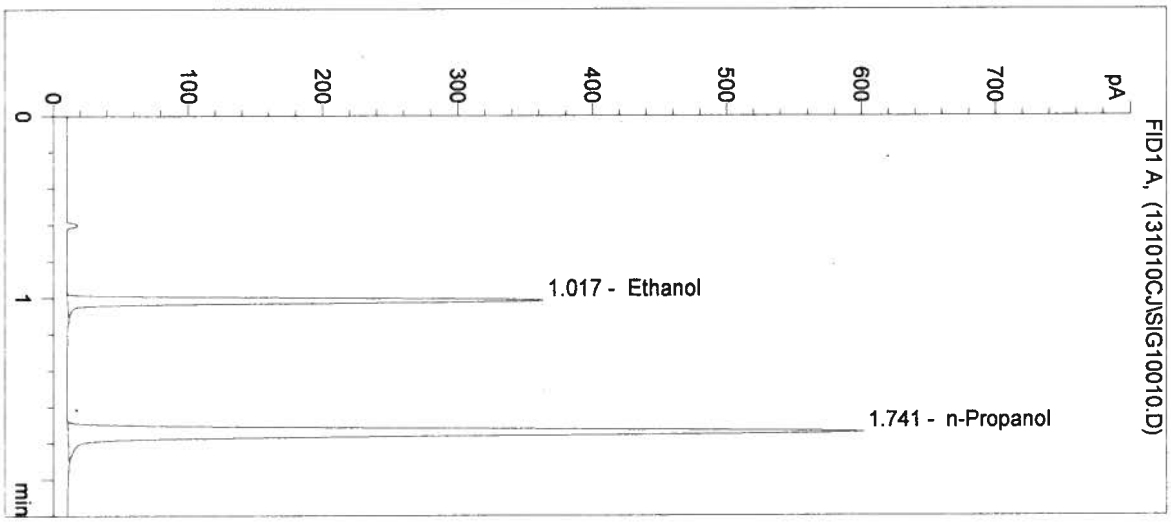
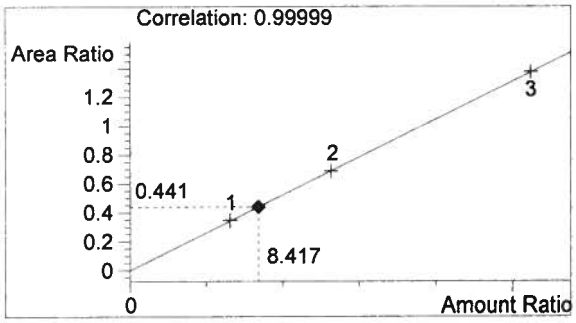
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:43:09 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

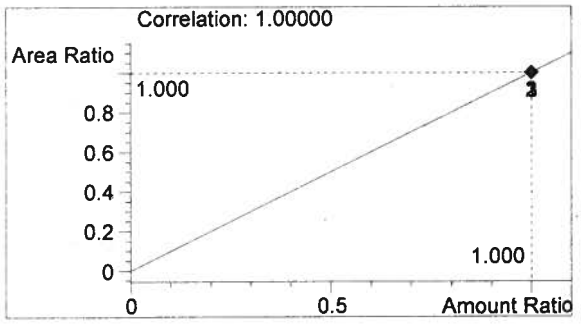
Sample Name: ESS 13048 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	698	1.017
2	n-Propanol	1584	1.741



Ethanol 0.101 g/100mL

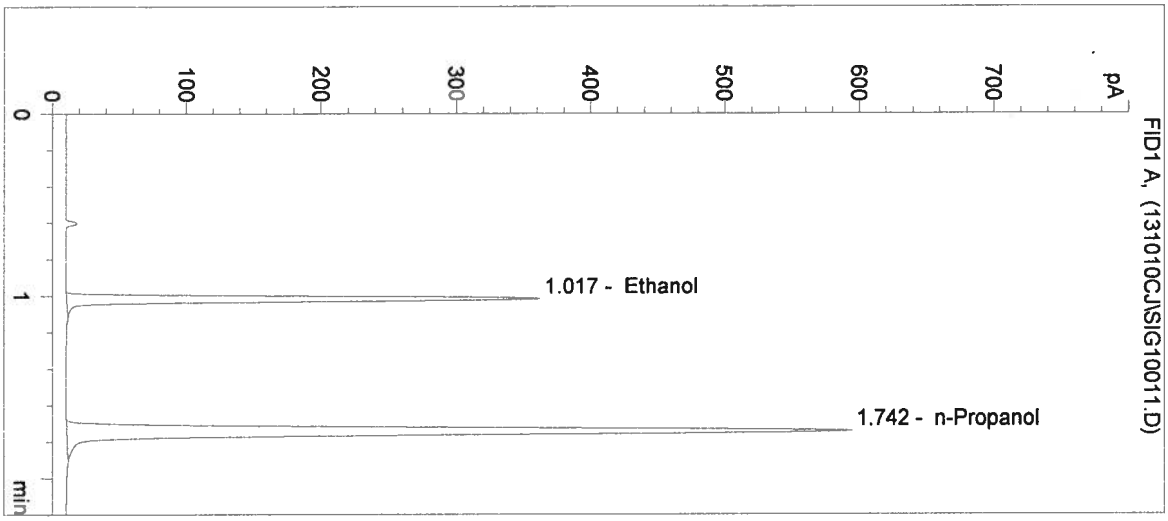


n-Propanol 0.012 g/100mL

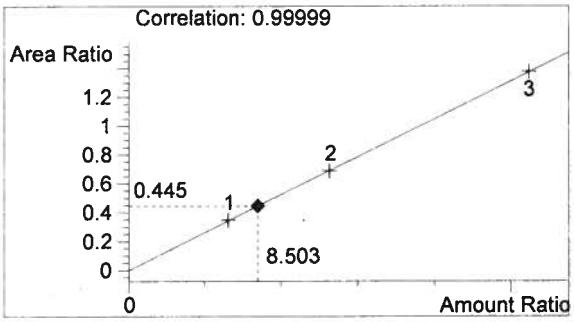
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:46:17 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

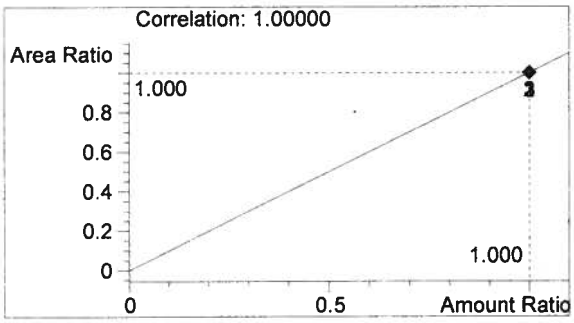
Sample Name: ESS 13048 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.017
2	n-Propanol	1564	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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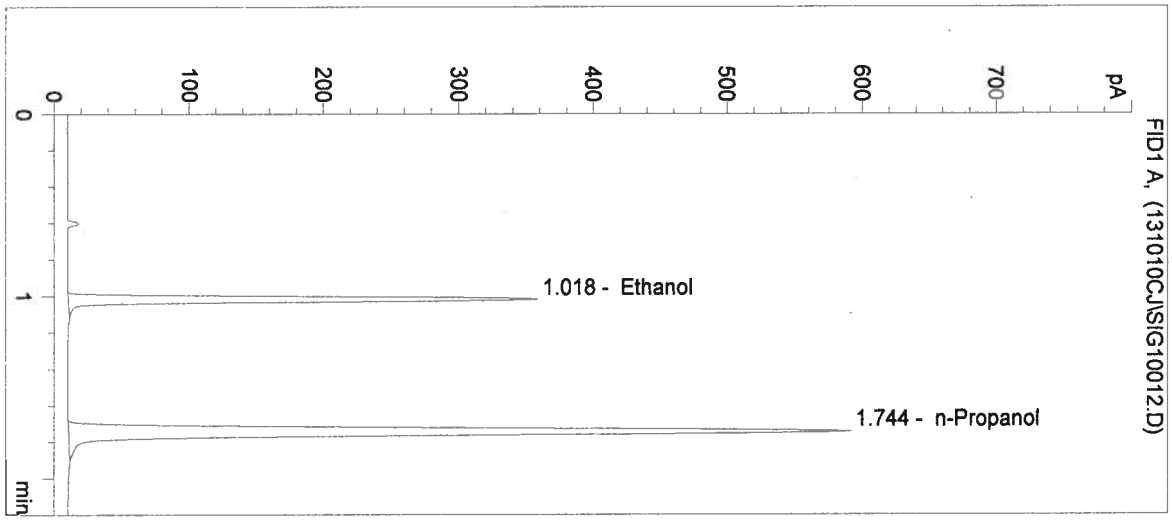
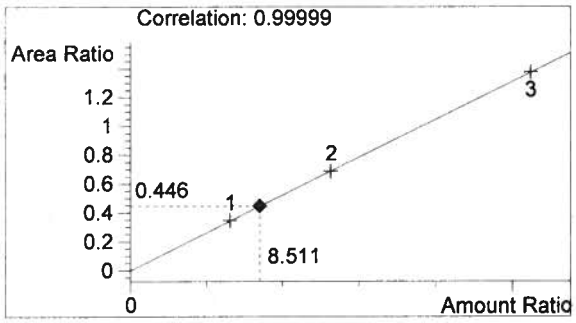
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:49:24 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

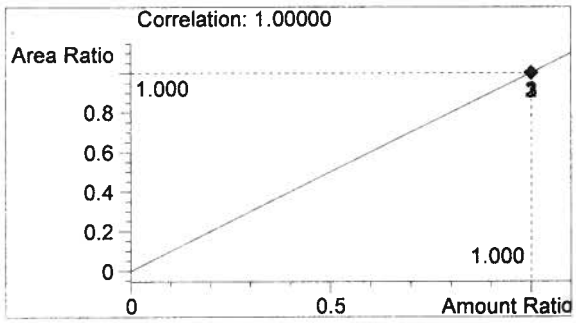
Sample Name: ESS 13048 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	697	1.018
2	n-Propanol	1564	1.744



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

CJ

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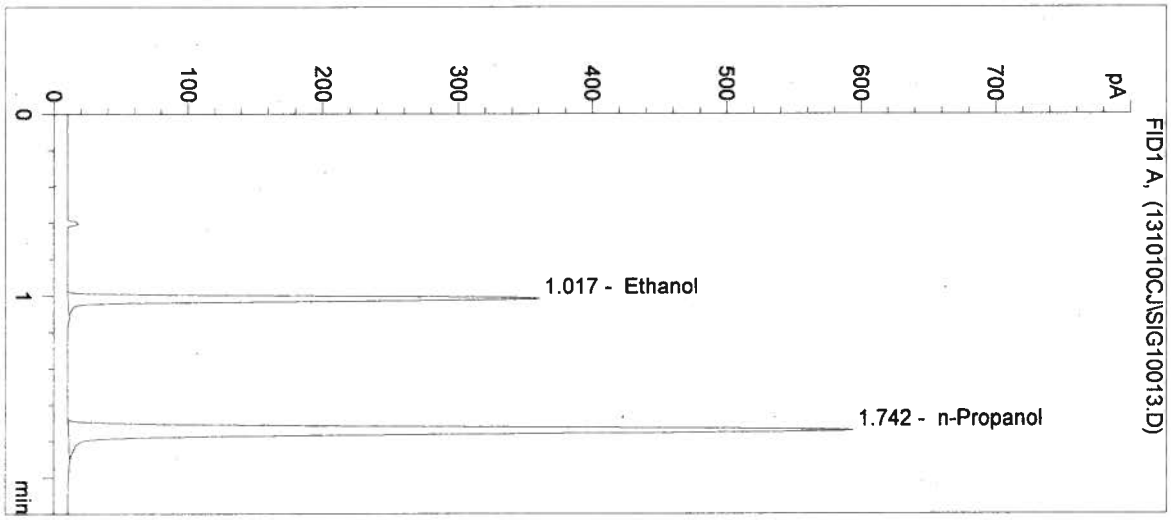
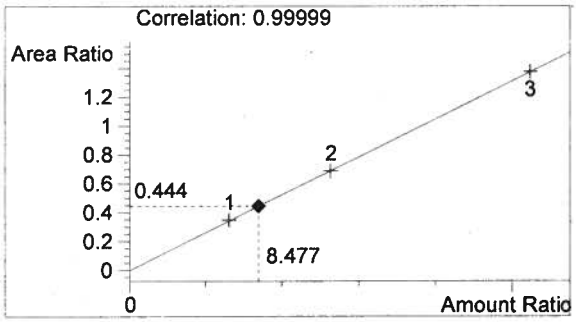
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:52:31 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

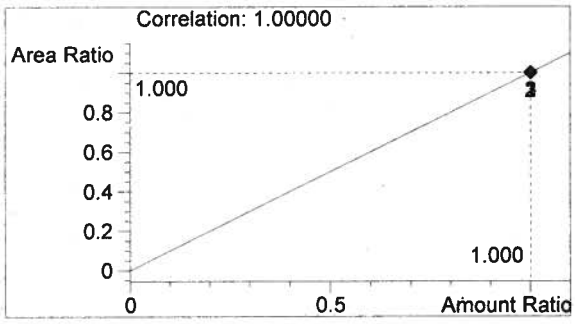
Sample Name: ESS 13048 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.017
2	n-Propanol	1564	1.742



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

W

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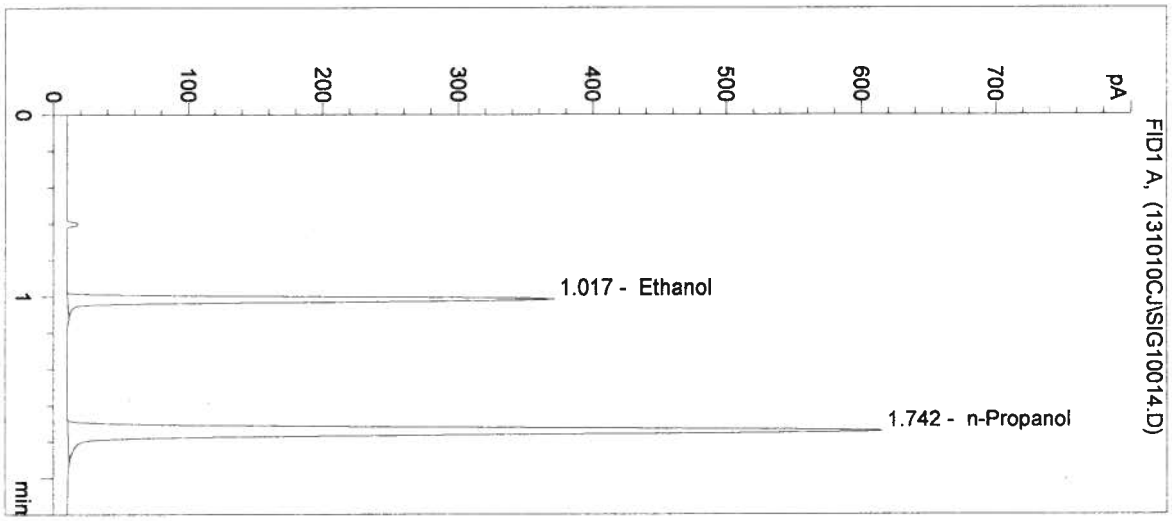
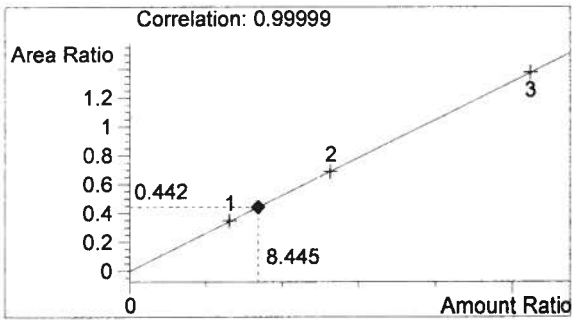
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:55:39 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

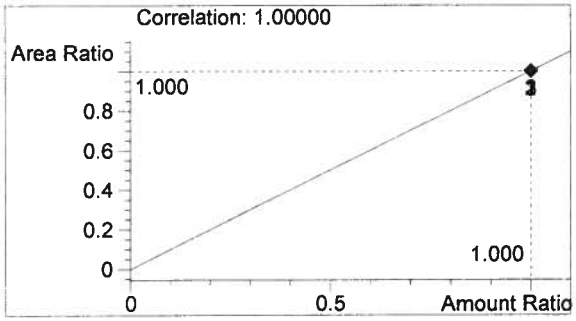
Sample Name: ESS 13048 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	718	1.017
2	n-Propanol	1623	1.742



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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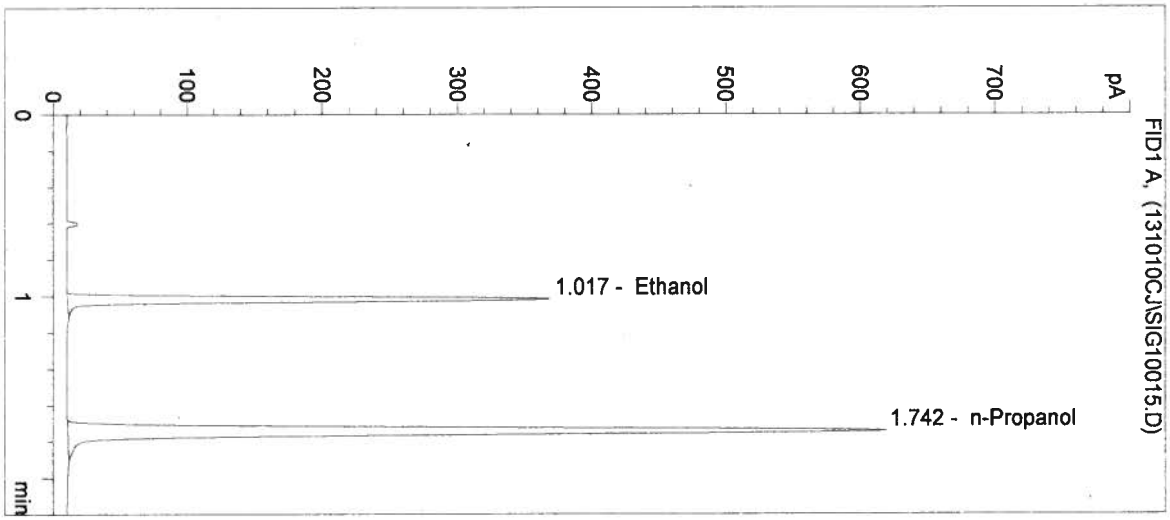
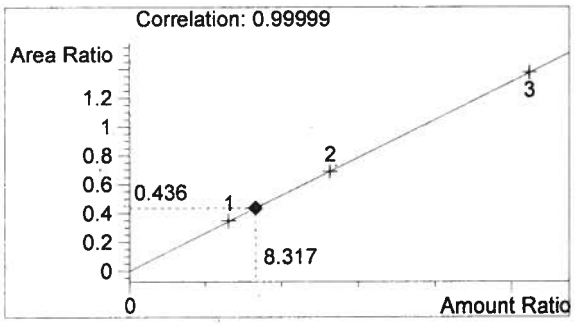
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 4:58:47 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

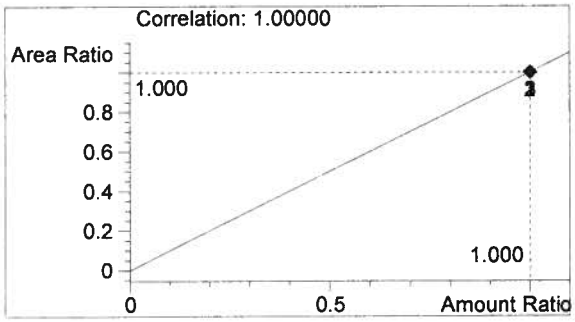
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	711	1.017
2	n-Propanol	1632	1.742



Ethanol 0.100 g/100mL



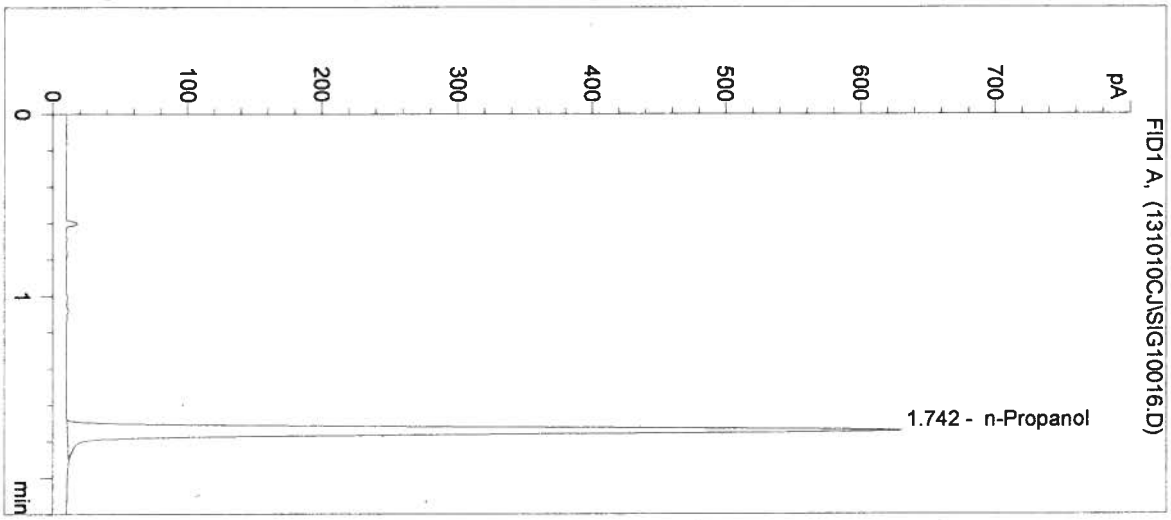
n-Propanol 0.012 g/100mL

13048

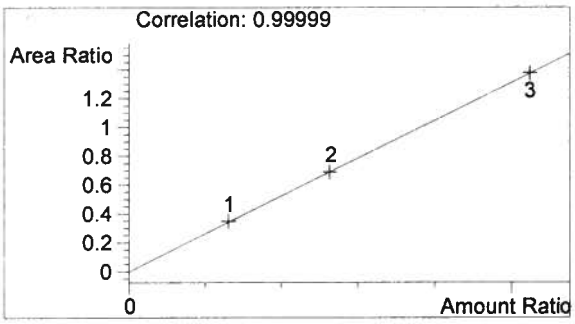
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2013 5:01:54 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

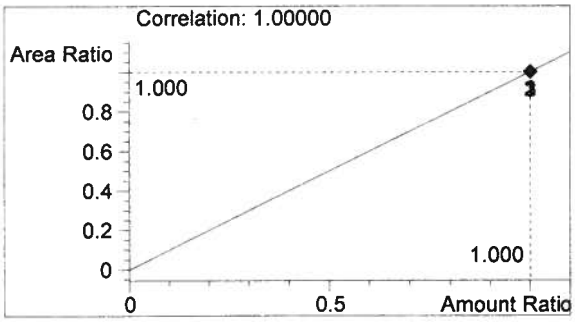
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1662	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

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:	131011JU
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/2014
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/2014
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/2014
CTRL1 (0.04g/100mL), Lot # A096181 - Exp. 10/2017
CTRL2 (0.10g/100mL), Lot # A095230 - Exp. 09/2017
CTRL3 (0.20g/100mL), Lot # A093219 - Exp. 05/2017

Internal Standard Lot#P0913 - Exp. 12/10/13

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	13048-1	SIMALC3	1	Sample		
11	Vial 11	13048-2	SIMALC3	1	Sample		
12	Vial 12	13048-3	SIMALC3	1	Sample		
13	Vial 13	13048-4	SIMALC3	1	Sample		
14	Vial 14	13048-5	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	13050-1	SIMALC3	1	Sample		
18	Vial 18	13050-2	SIMALC3	1	Sample		
19	Vial 19	13050-3	SIMALC3	1	Sample		
20	Vial 20	13050-4	SIMALC3	1	Sample		
21	Vial 21	13050-5	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	13051-1	SIMALC3	1	Sample		
25	Vial 25	13051-2	SIMALC3	1	Sample		
26	Vial 26	13051-3	SIMALC3	1	Sample		
27	Vial 27	13051-4	SIMALC3	1	Sample		

13052

JK

Sequence: C:\HPCHEM\2\SEQUENCE\JKEQ3.S

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
28	Vial 28	13051-5	SIMALC3	1	Sample		
29	Vial 29	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC3	1	Ctrl Samp		
31	Vial 31	13052-1	SIMALC3	1	Sample		
32	Vial 32	13052-2	SIMALC3	1	Sample		
33	Vial 33	13052-3	SIMALC3	1	Sample		
34	Vial 34	13052-4	SIMALC3	1	Sample		
35	Vial 35	13052-5	SIMALC3	1	Sample		
36	Vial 36	CTRL2 (0.10)	SIMALC3	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC3	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

13051

13048

13050

Calibration Table

Calib. Data Modified : Friday, October 11, 2013 5:13:01 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.017	1	1	7.87500e-2	542.94794	1.45042e-4	1		Ethanol
		2	1.58140e-1	1067.63159	1.48122e-4			
		3	3.14420e-1	2127.48120	1.47790e-4			
1.742	1	1	1.20000e-2	1577.76660	7.60569e-6	I1		n-Propanol
		2	1.20000e-2	1545.58716	7.76404e-6			
		3	1.20000e-2	1546.85376	7.75768e-6			

Peak Sum Table

No Entries in table

13052
13051
13050
13048

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Calibration Curves

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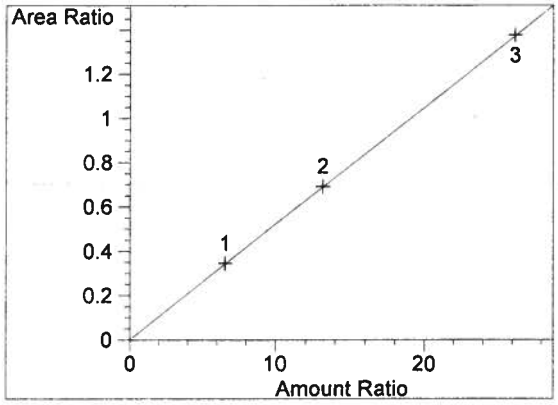
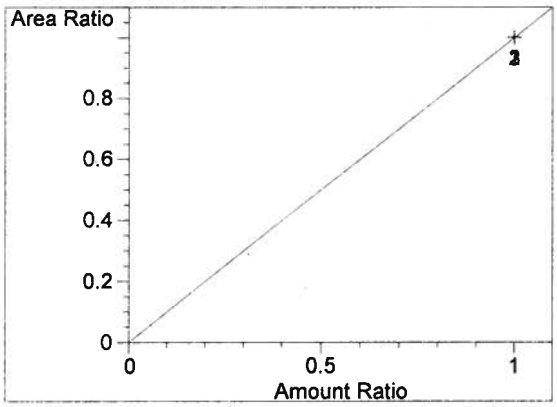


Ethanol at exp. RT: 1.017
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00057
Formula: y = mx + b
m: 5.24915e-2
b: -3.35848e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.742
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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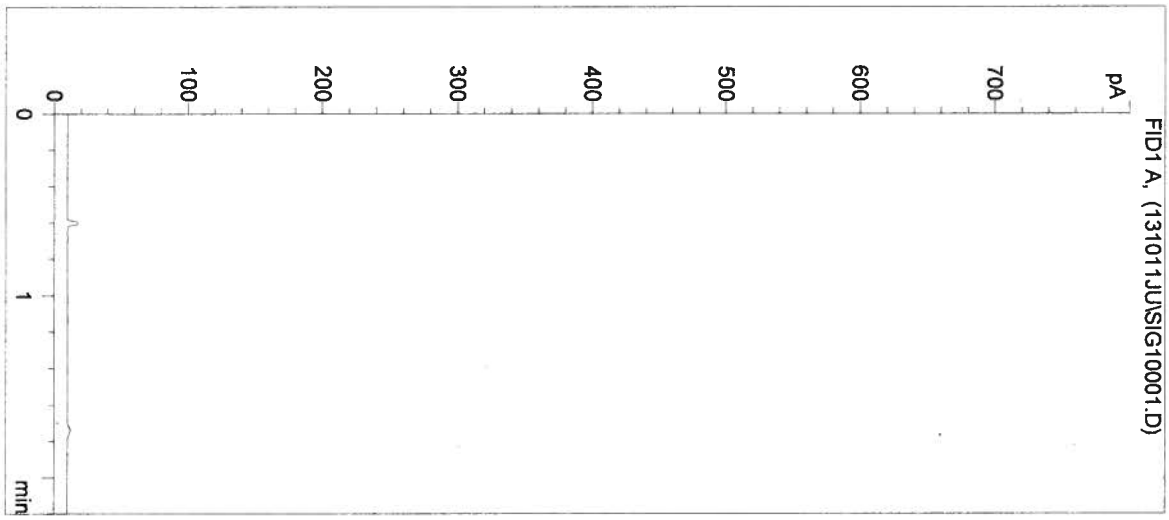
13052
13051
13050
13048

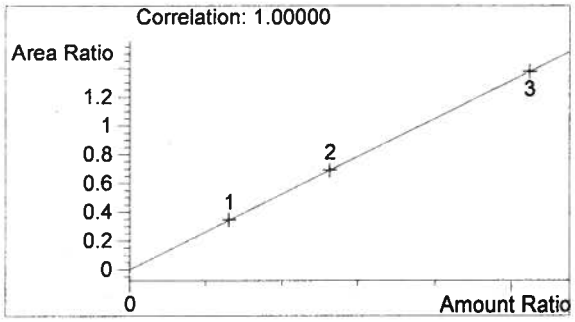
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:01:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

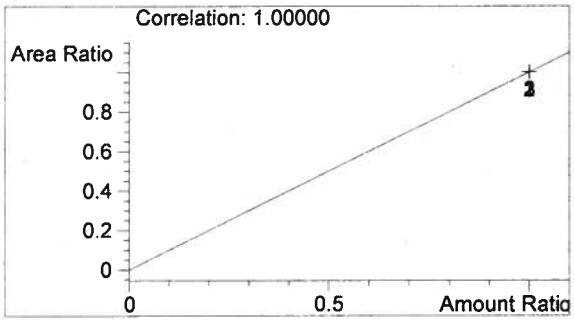
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



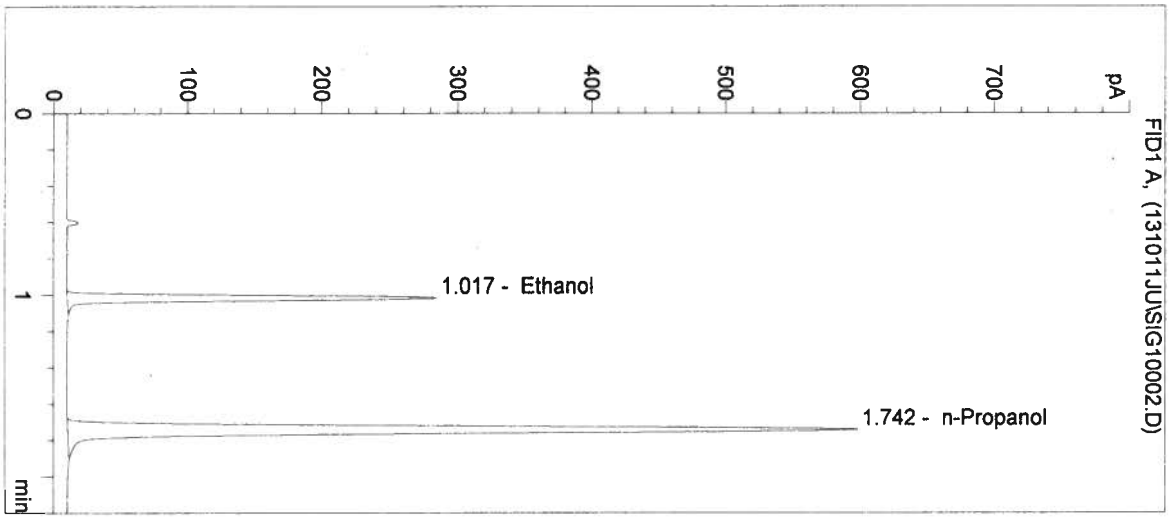
n-Propanol 0.000 g/100mL

13052
13051
13050
13048

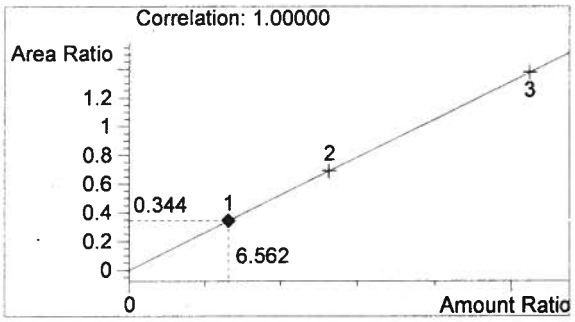
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:04:34 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-01 - (0.079g/100mL)

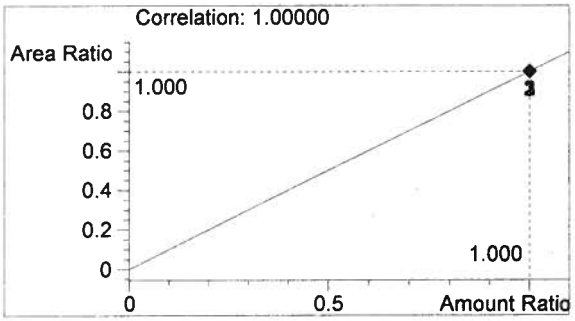
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	543	1.017
2	n-Propanol	1578	1.742



Ethanol 0.079 g/100mL



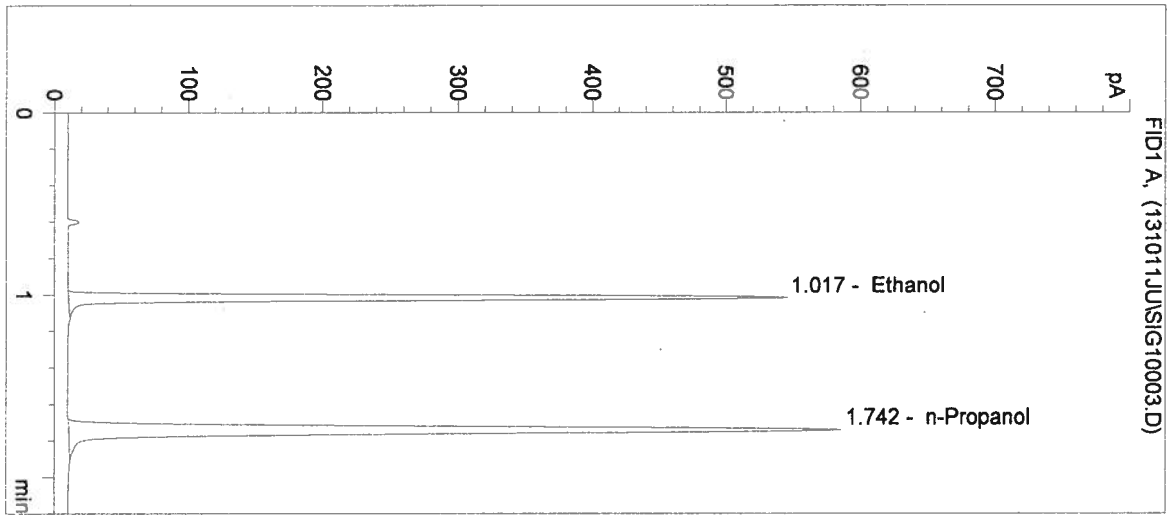
n-Propanol 0.012 g/100mL

13048
13050
13051
13052

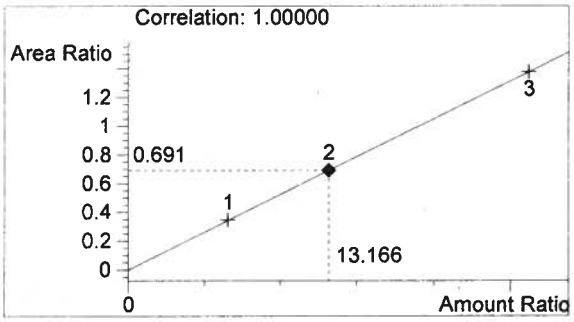
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:07:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-02 - (0.158g/100mL)

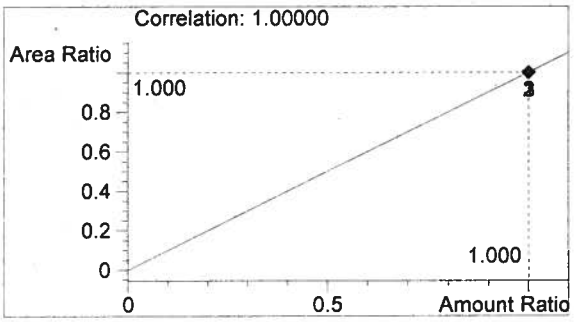
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1068	1.017
2	n-Propanol	1546	1.742



Ethanol 0.158 g/100mL



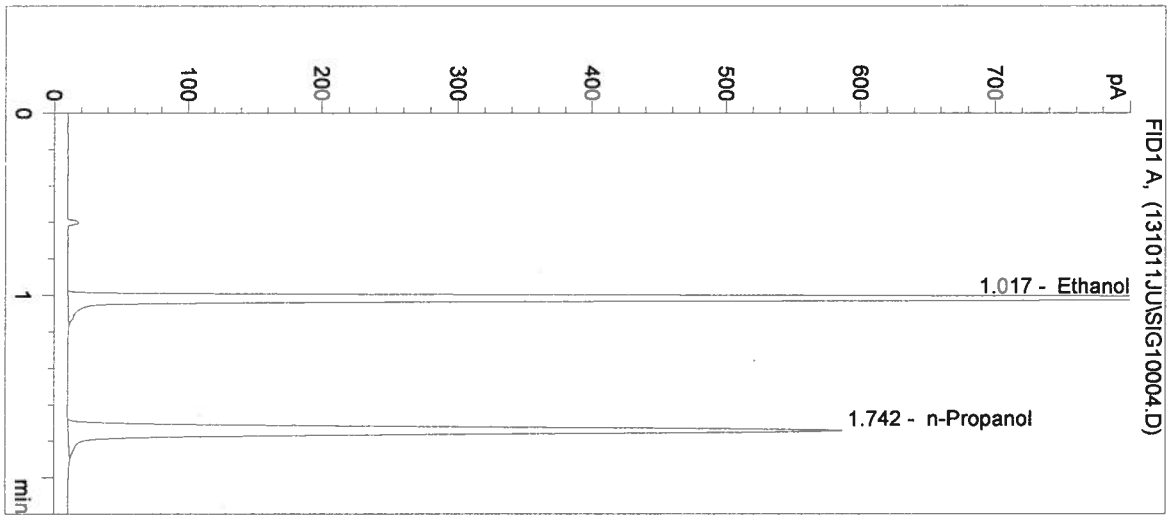
n-Propanol 0.012 g/100mL

13048
13050
13051
13052

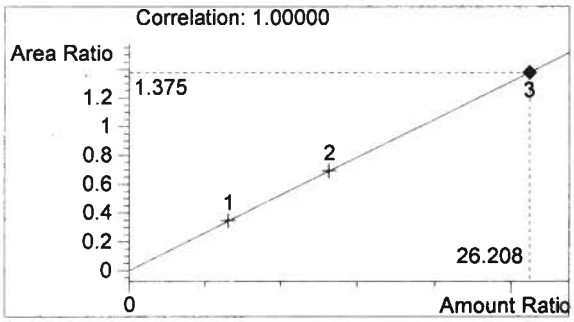
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:10:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: E0713-03 - (0.316g/100mL)

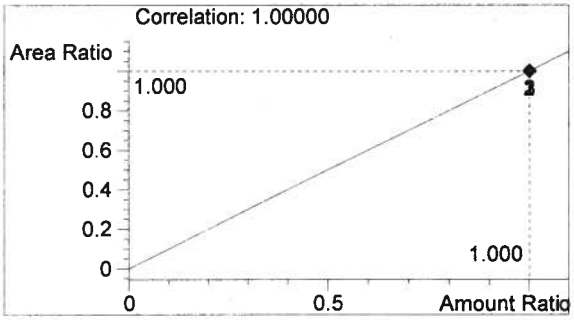
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2127	1.017
2	n-Propanol	1547	1.742



Ethanol 0.314 g/100mL



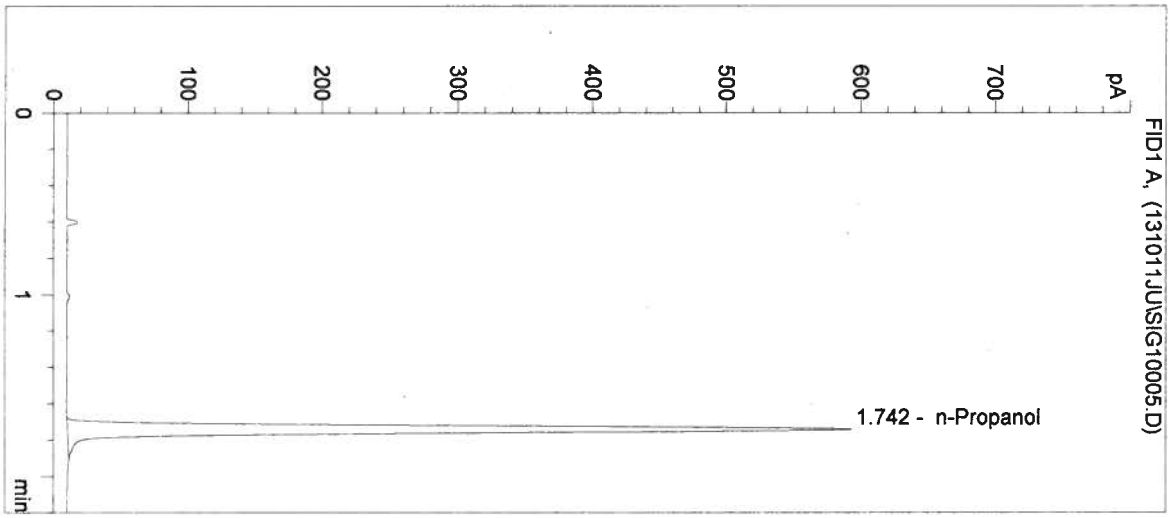
n-Propanol 0.012 g/100mL

13048
13050
13051
13052

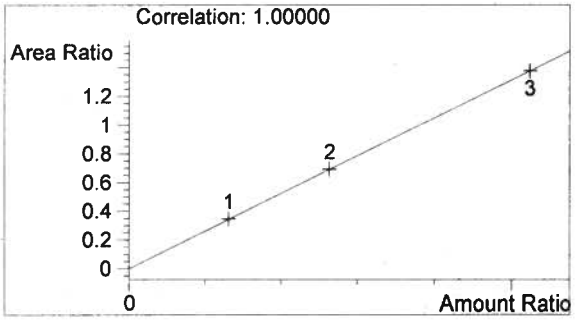
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:13:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

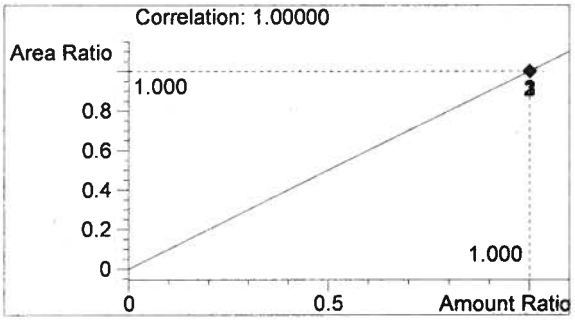
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1563	1.742



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

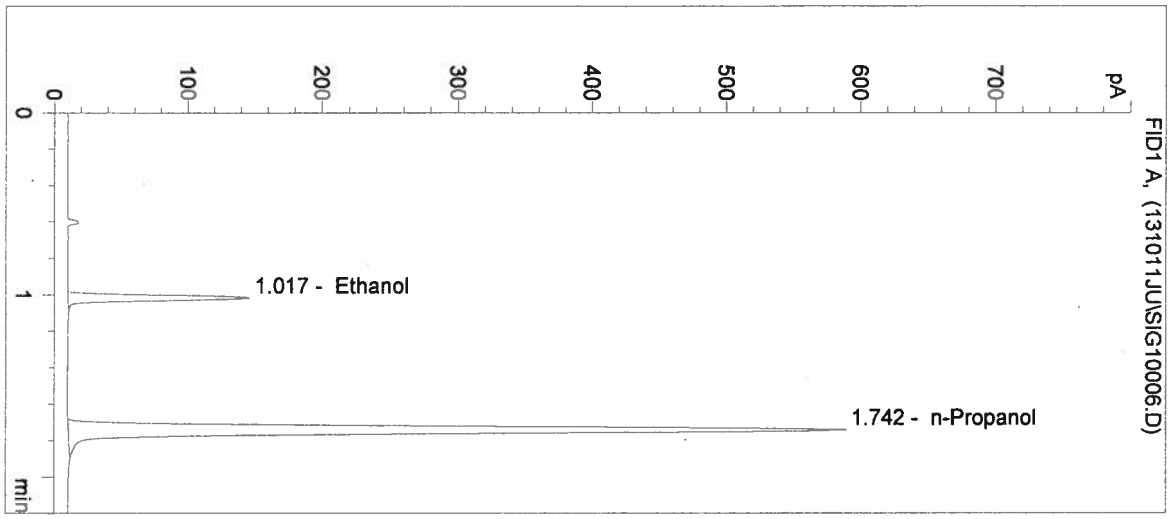
13048
13050
13051
13052

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10005.D

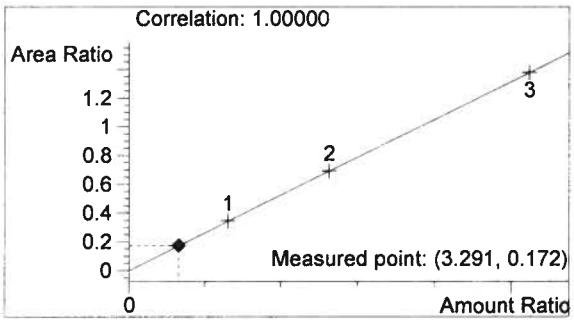
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:17:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.04g/100mL

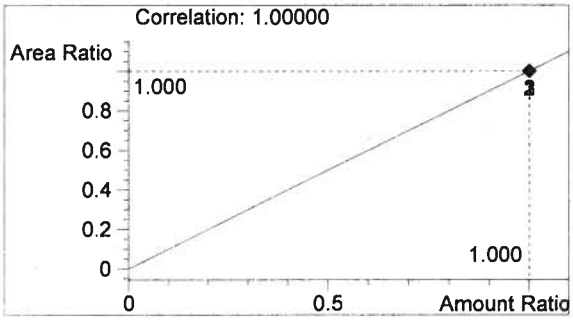
Sample Name: CTRL1 (0.04)
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	268	1.017
2	n-Propanol	1554	1.742



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

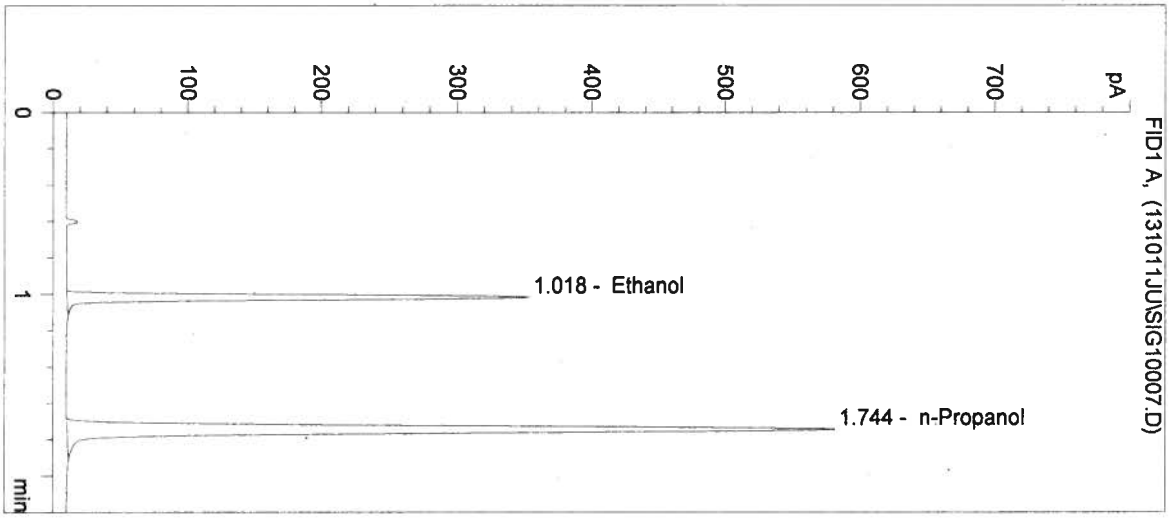
13048
13050
13051
13052

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10006.D

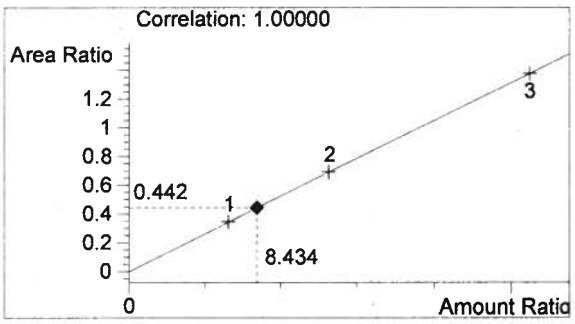
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:20:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

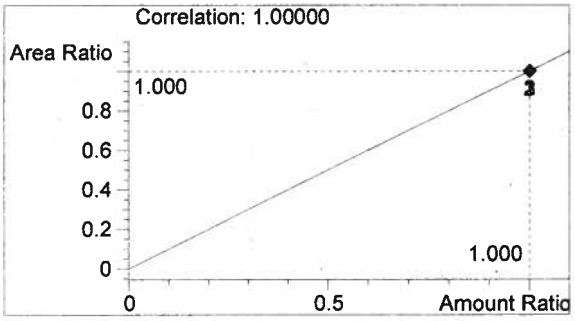
Sample Name: CTRL2 (0.10)
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	675	1.018
2	n-Propanol	1526	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

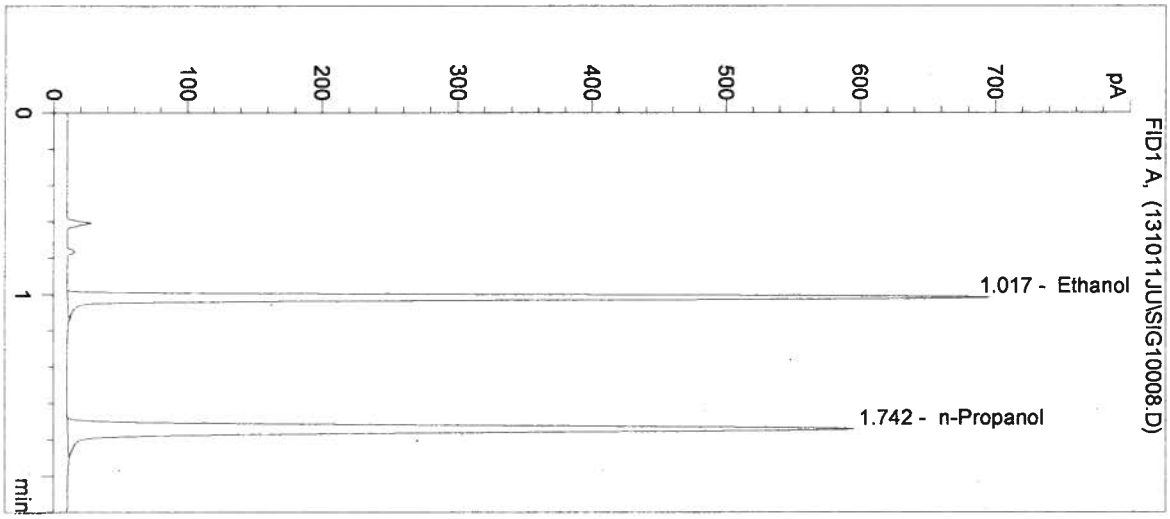
13048
13050
13051
13052

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10007.D

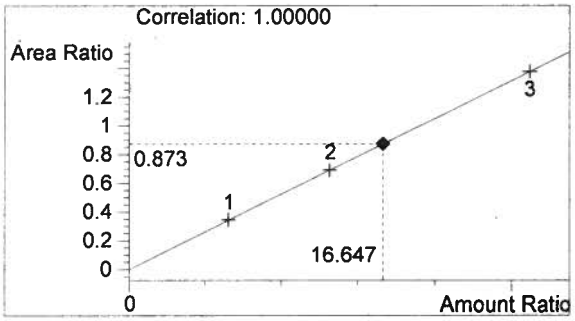
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:23:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.20g/100mL

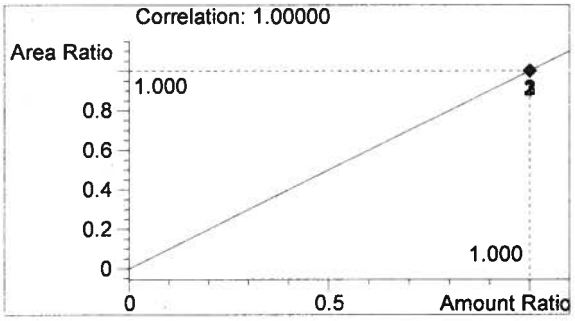
Sample Name: CTRL3 (0.20)
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1374	1.017
2	n-Propanol	1574	1.742



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

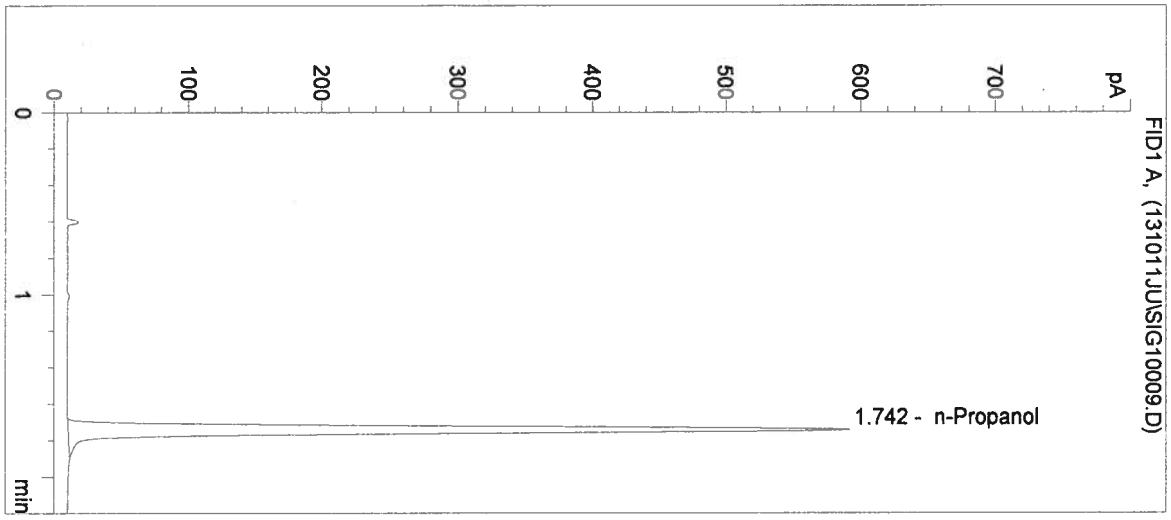
13048
13050
13051
13052

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10008.D

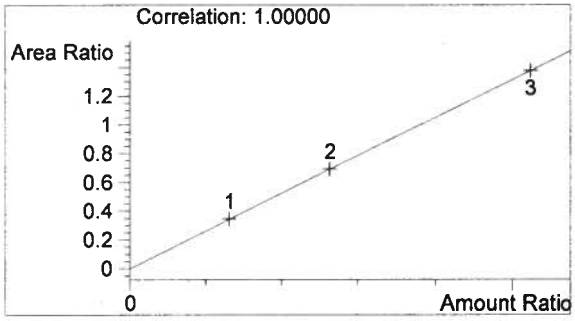
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:26:27 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

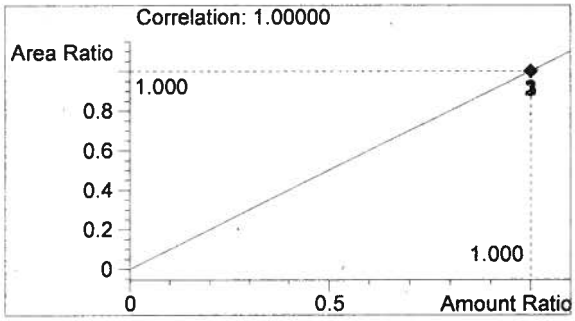
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1561	1.742



Ethanol 0.000 g/100mL



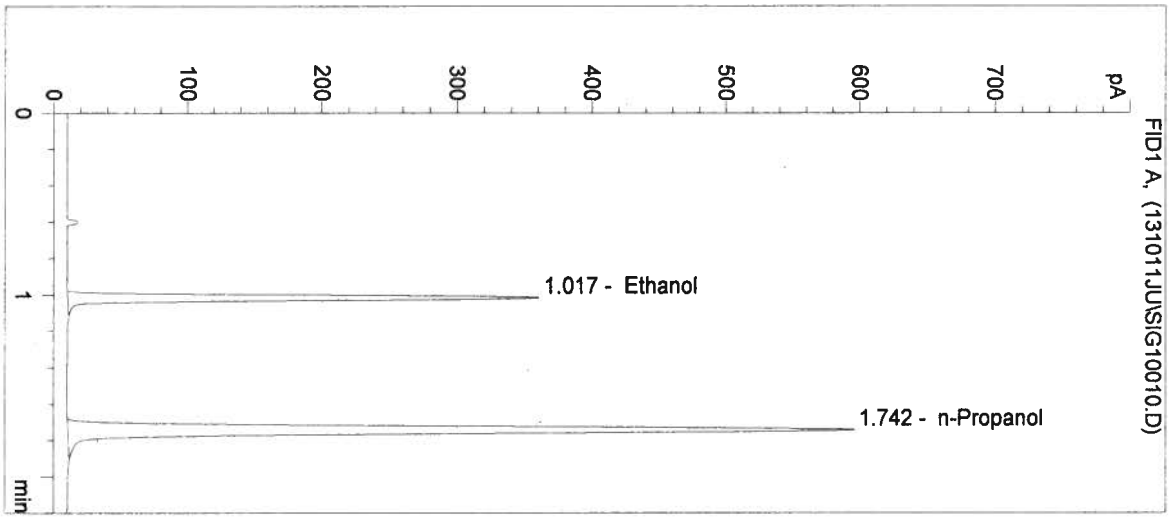
n-Propanol 0.012 g/100mL

13048
13050
13051
13052

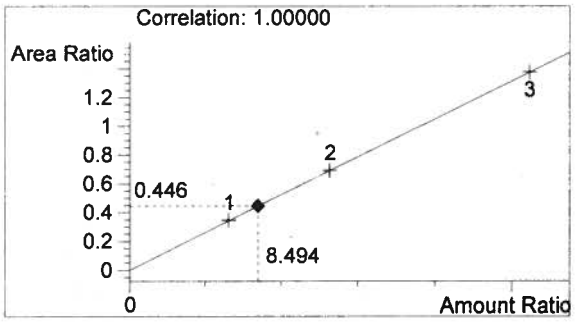
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:29:35 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

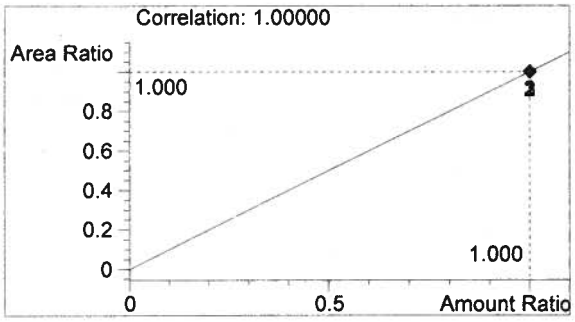
Sample Name: 13048-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	701	1.017
2	n-Propanol	1574	1.742



Ethanol 0.102 g/100mL

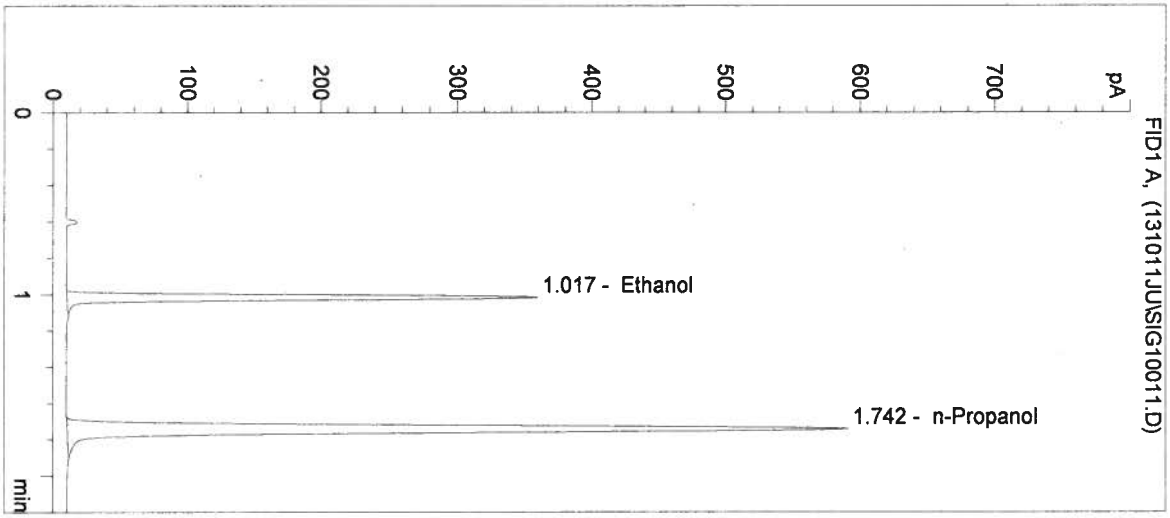


n-Propanol 0.012 g/100mL

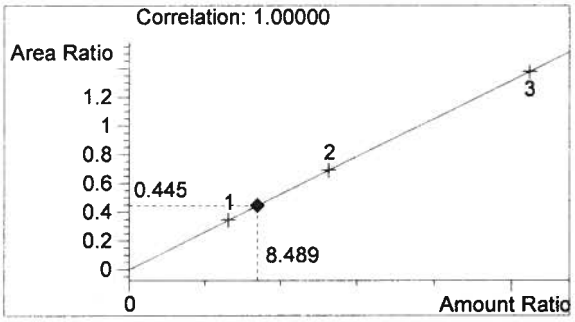
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:32:42 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

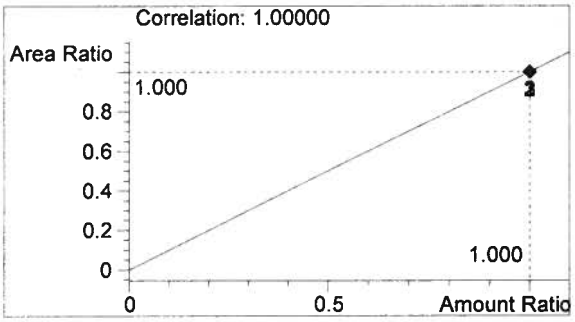
Sample Name: 13048-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.017
2	n-Propanol	1557	1.742



Ethanol 0.102 g/100mL



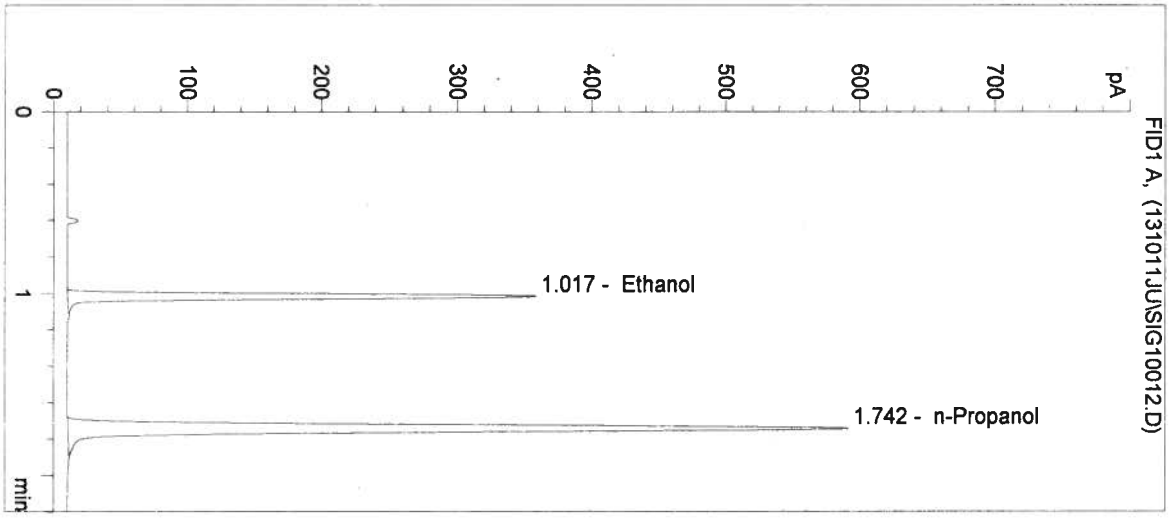
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10011.D

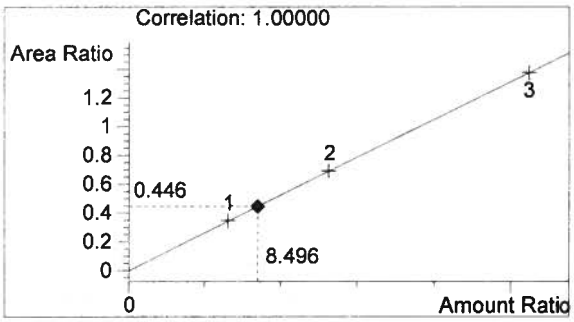
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:35:49 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

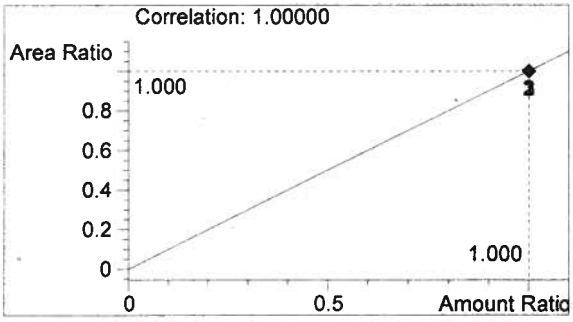
Sample Name: 13048-3
Operator: Justin Khoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	695	1.017
2	n-Propanol	1560	1.742



Ethanol 0.102 g/100mL



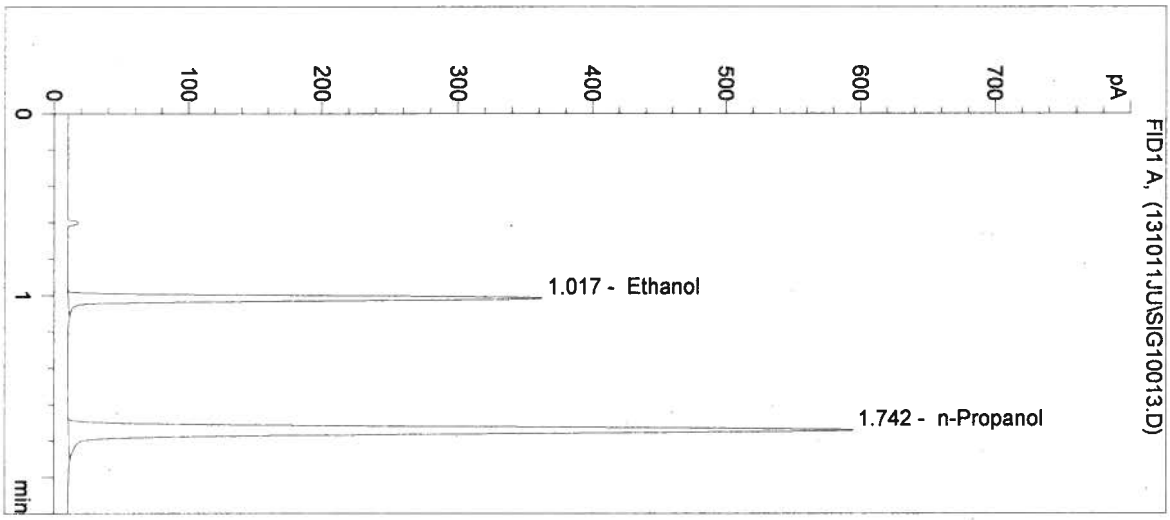
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10012.D

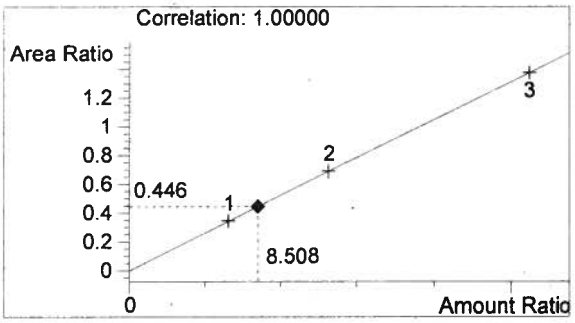
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:38:57 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

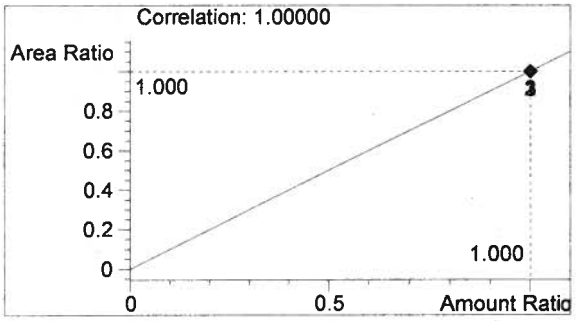
Sample Name: 13048-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	699	1.017
2	n-Propanol	1565	1.742



Ethanol 0.102 g/100mL



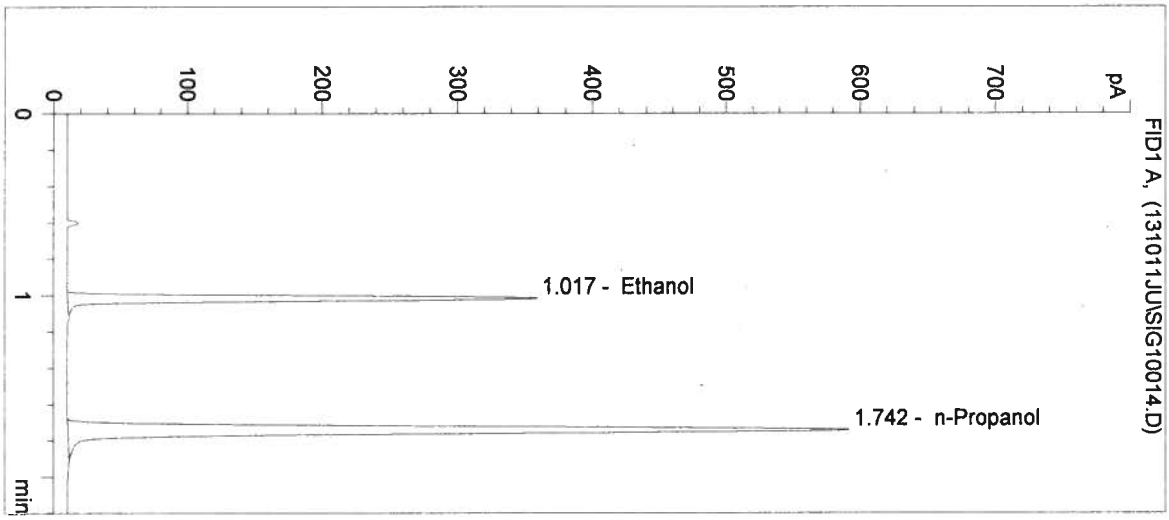
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10013.D

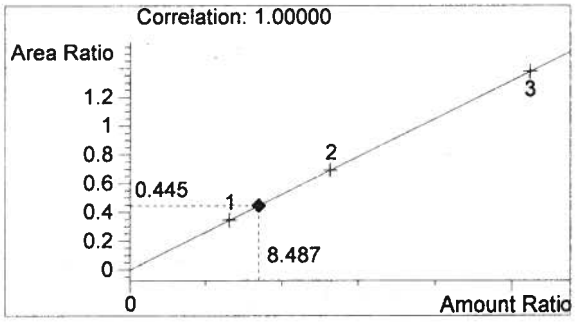
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:42:04 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

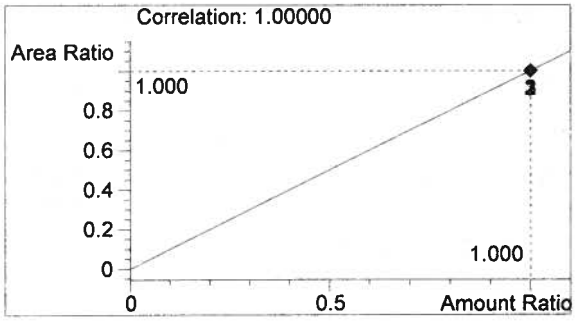
Sample Name: 13048-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.017
2	n-Propanol	1559	1.742



Ethanol 0.102 g/100mL

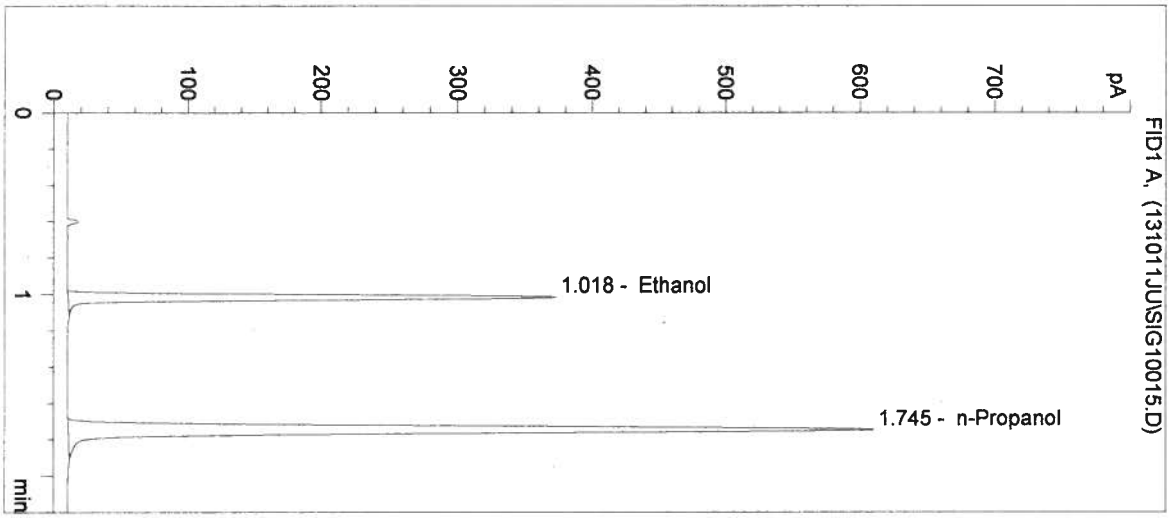


n-Propanol 0.012 g/100mL

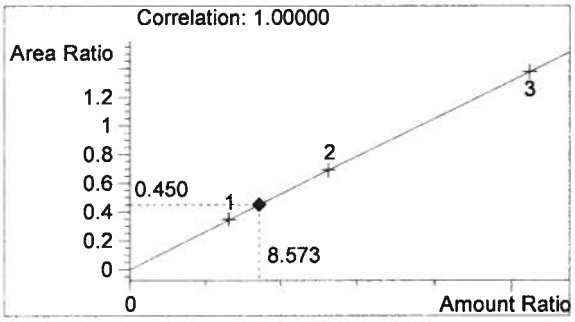
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:45:12 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 0.10g/100mL

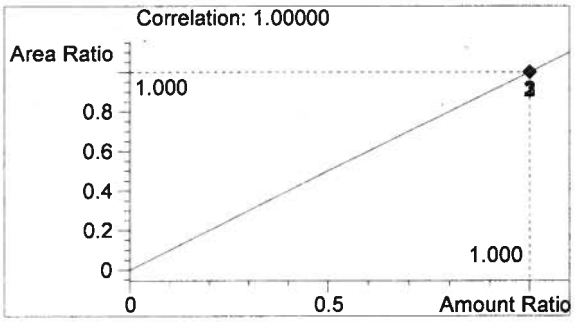
Sample Name: CTRL2 (0.10)
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	724	1.018
2	n-Propanol	1610	1.745



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

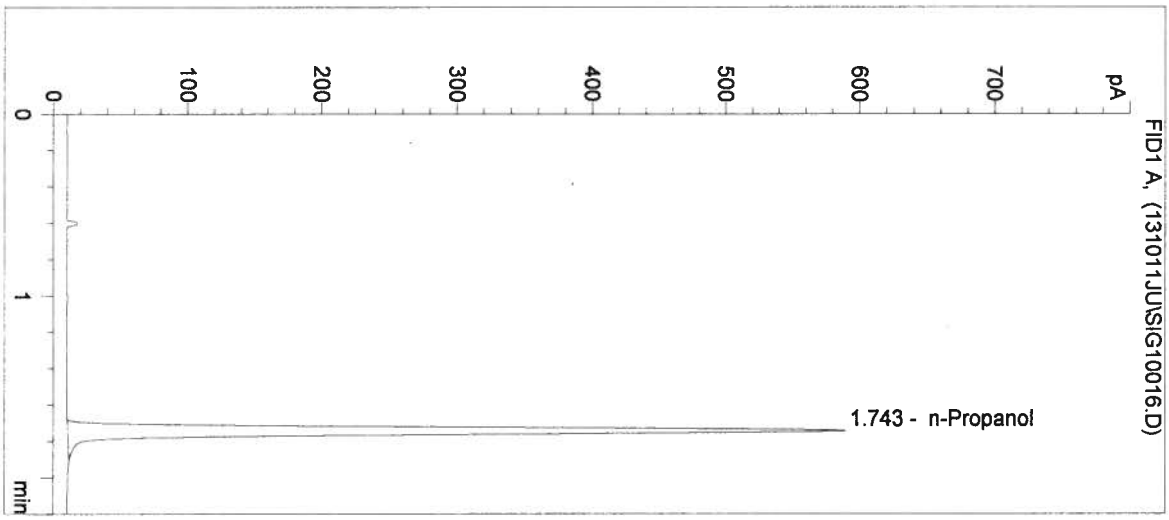
13048

Data File: C:\HPCHEM\2\DATA\131011JU\SIG10015.D

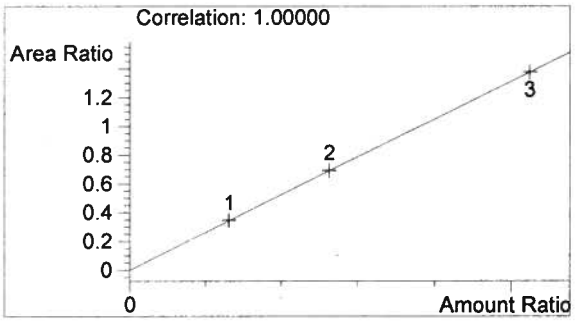
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2013 5:48:19 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

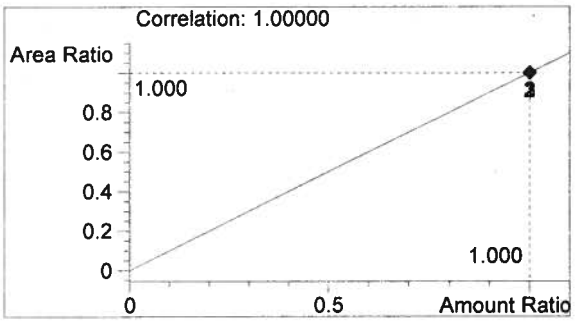
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1550	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

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

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:	131017LL
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#E0713-01 - Exp 1/24/14
Cal 2 (0.158 g/100mL) - Lot#E0713-02 - Exp 1/24/14
Cal 3 (0.316 g/100mL) - Lot#E0713-03 - Exp 1/24/14

CTRL 1 (0.04 g/100mL) - Lot#FN120110-04 - Exp 12/2015
CTRL 2 (0.10 g/100mL) - Lot#A095230 - Exp 09/2017
CTRL 3 (0.20 g/100mL) - Lot#A093219 - Exp 05/2017

n-Propanol ISTD - Lot# P0913 - Exp 12/10/13

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	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC3	1	Ctrl Samp		
10	Vial 10	13048 #1	SIMALC3	1	Sample		
11	Vial 11	13048 #2	SIMALC3	1	Sample		
12	Vial 12	13048 #3	SIMALC3	1	Sample		
13	Vial 13	13048 #4	SIMALC3	1	Sample		
14	Vial 14	13048 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL	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: C:\HPCHEM\2\SEQUENCE\LLESS.S

Sequence Table (Back Injector):

No entries - empty table!

131017LL

13048

LL

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

Calibration Table

Calib. Data Modified : Friday, October 18, 2013 8:35:34 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

ISTD #	ISTD Amount [g/100mL]	Name
1	1.20000e-2	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.018	1	1	7.87500e-2	525.72113	1.49794e-4	1		Ethanol
		2	1.58140e-1	1058.09827	1.49457e-4			
		3	3.14420e-1	2140.45190	1.46894e-4			
1.743	1	1	1.20000e-2	1499.03784	8.00513e-6	I1		n-Propanol
		2	1.20000e-2	1520.43262	7.89249e-6			
		3	1.20000e-2	1521.11011	7.88898e-6			

Peak Sum Table

No Entries in table

13048

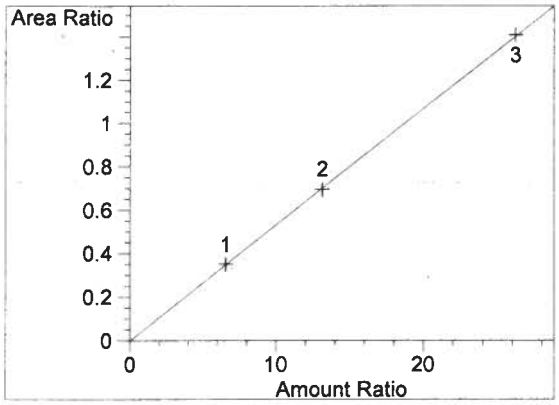
* Calibration reloaded and calibrated 10.18.13; did not print after run on 10.17.13

LL 10.18.13

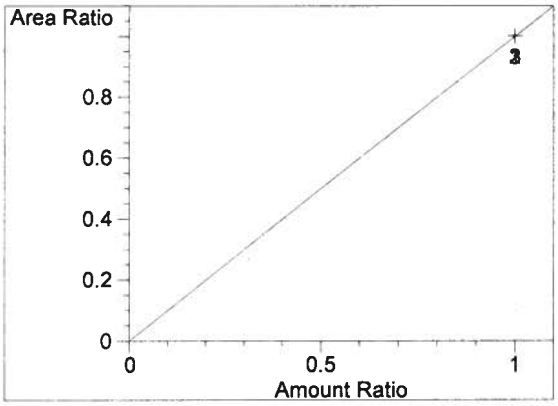
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.018
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00695
Formula: y = mx + b
m: 5.36746e-2
b: -3.03884e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.743
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

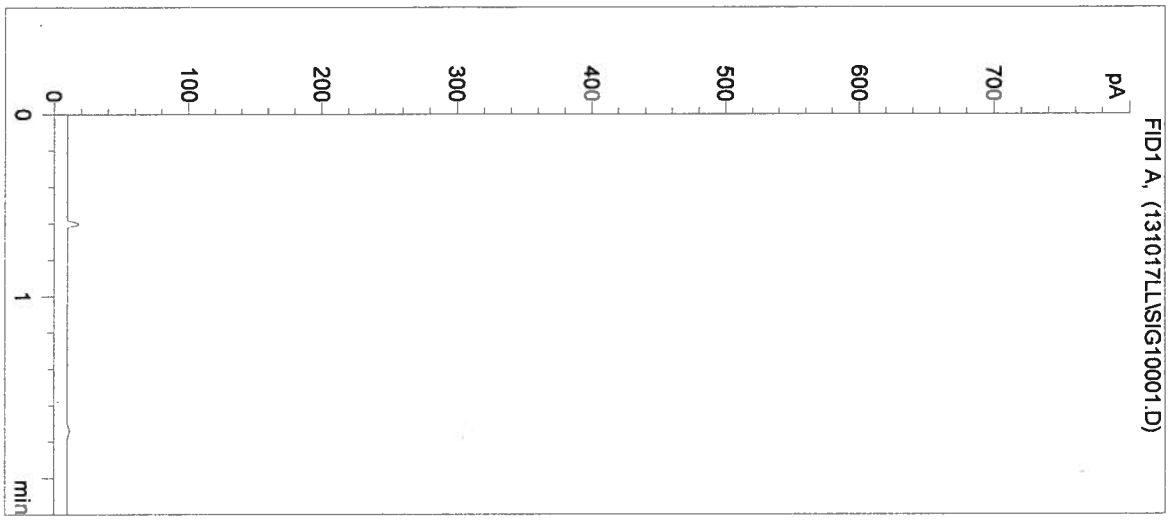
==========

13048

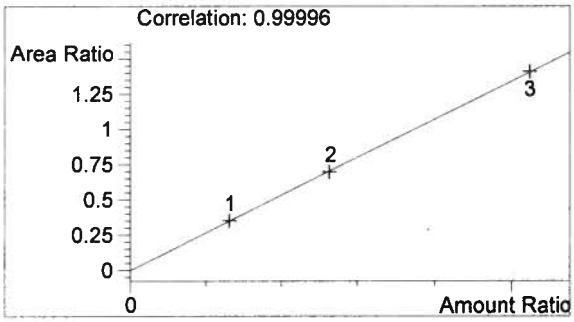
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/17/2013 11:20:57 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

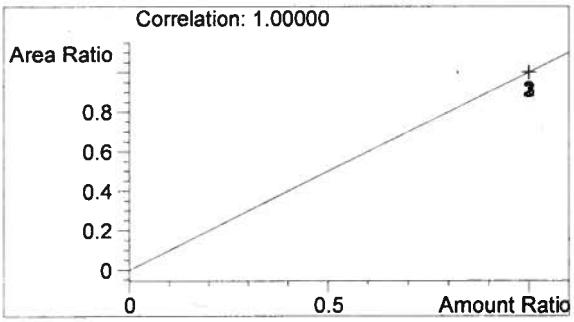
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL



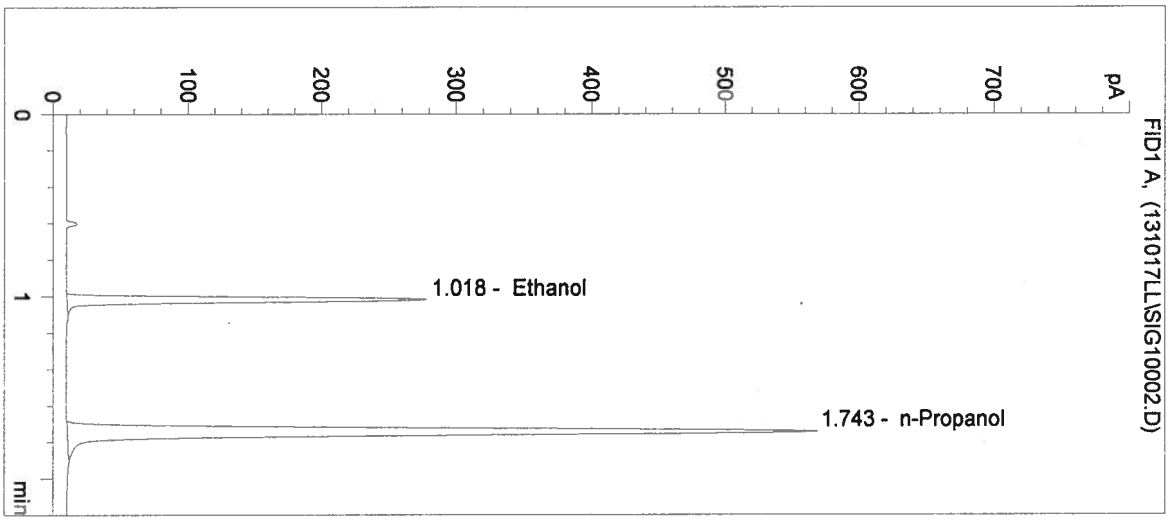
n-Propanol 0.000 g/100mL

13048

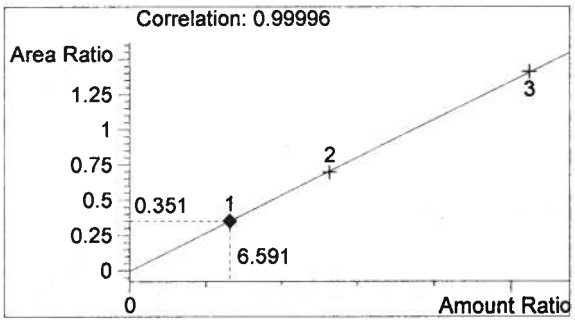
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/17/2013 11:24:04 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

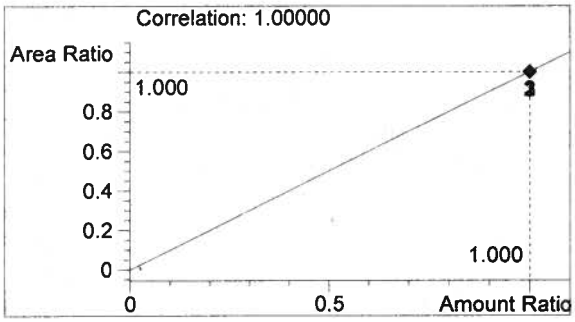
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	526	1.018
2	n-Propanol	1499	1.743



Ethanol 0.079 g/100mL



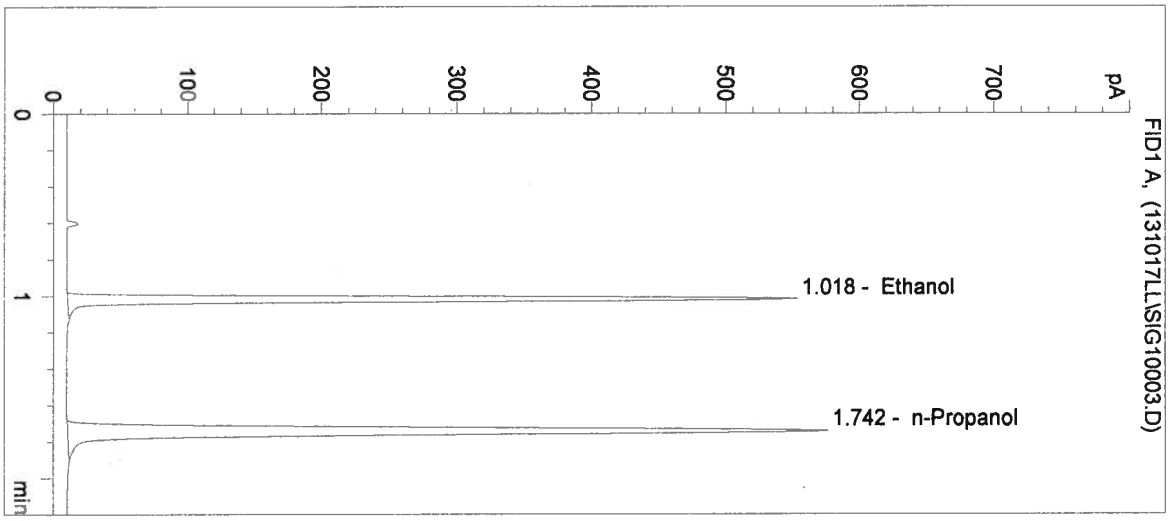
n-Propanol 0.012 g/100mL

13048

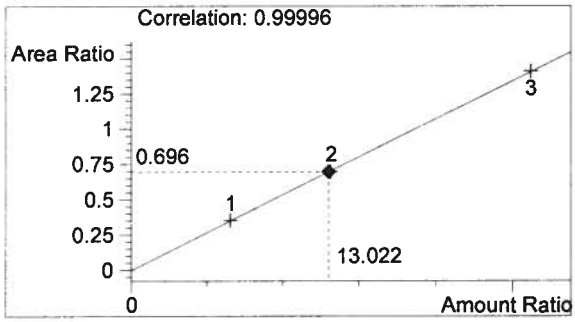
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/17/2013 11:27:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

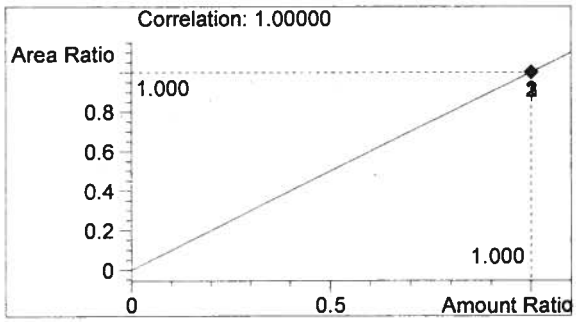
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1058	1.018
2	n-Propanol	1520	1.742



Ethanol 0.156 g/100mL



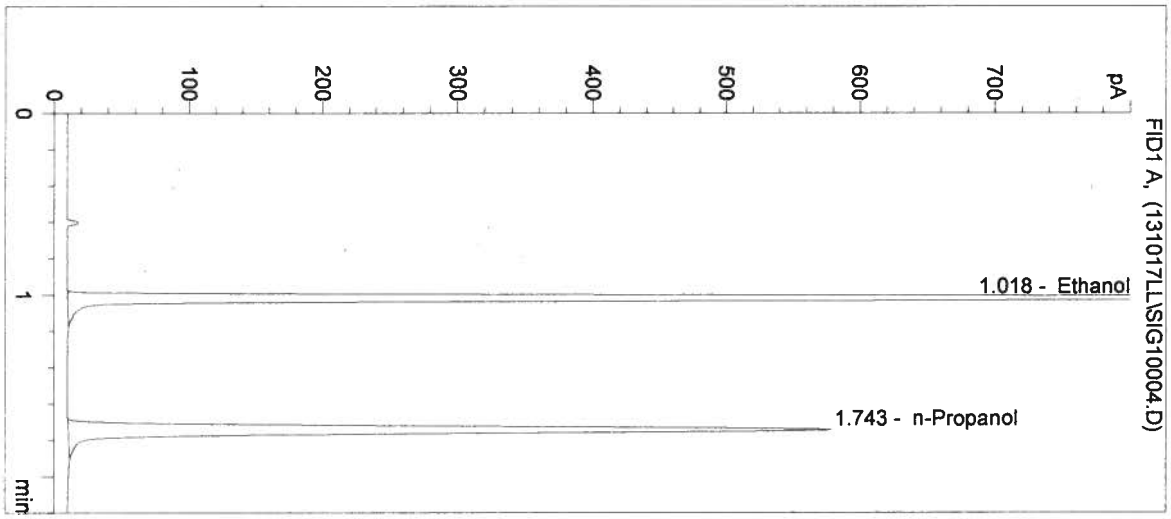
n-Propanol 0.012 g/100mL

13048

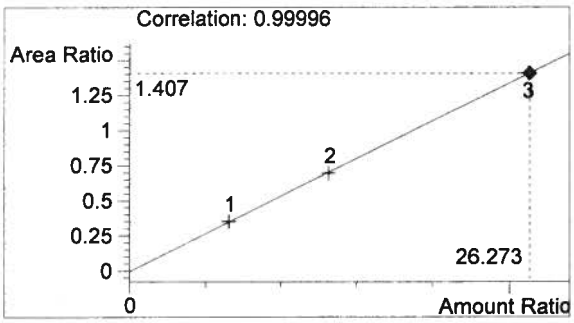
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/17/2013 11:30:19 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

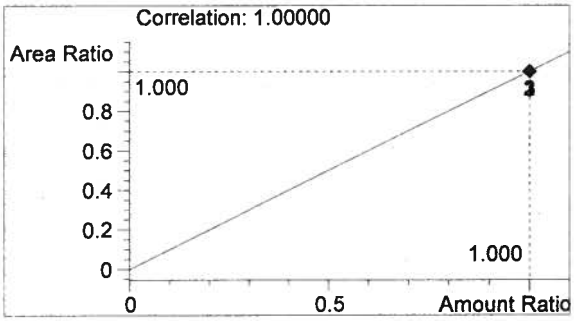
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	2140	1.018
2	n-Propanol	1521	1.743



Ethanol 0.315 g/100mL



n-Propanol 0.012 g/100mL

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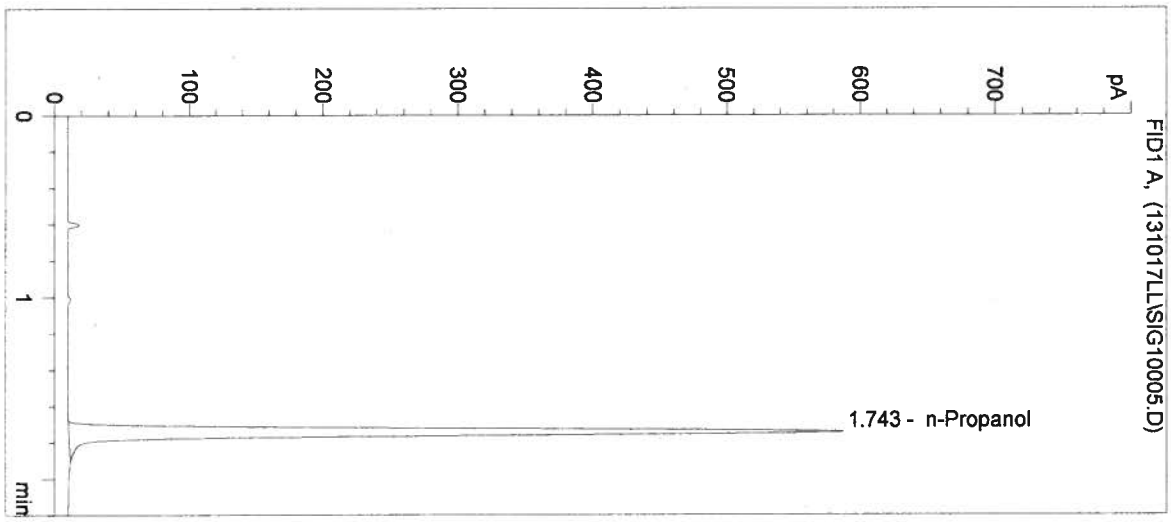
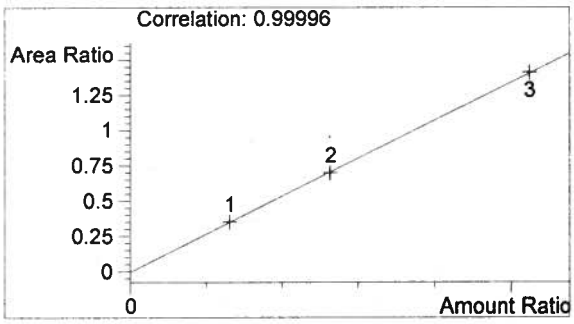
Inj. Date: 10/17/2013 11:33:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

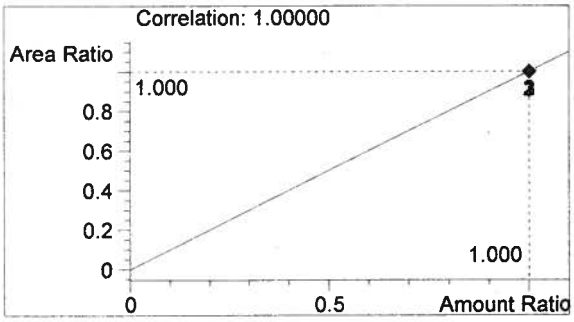
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1556	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

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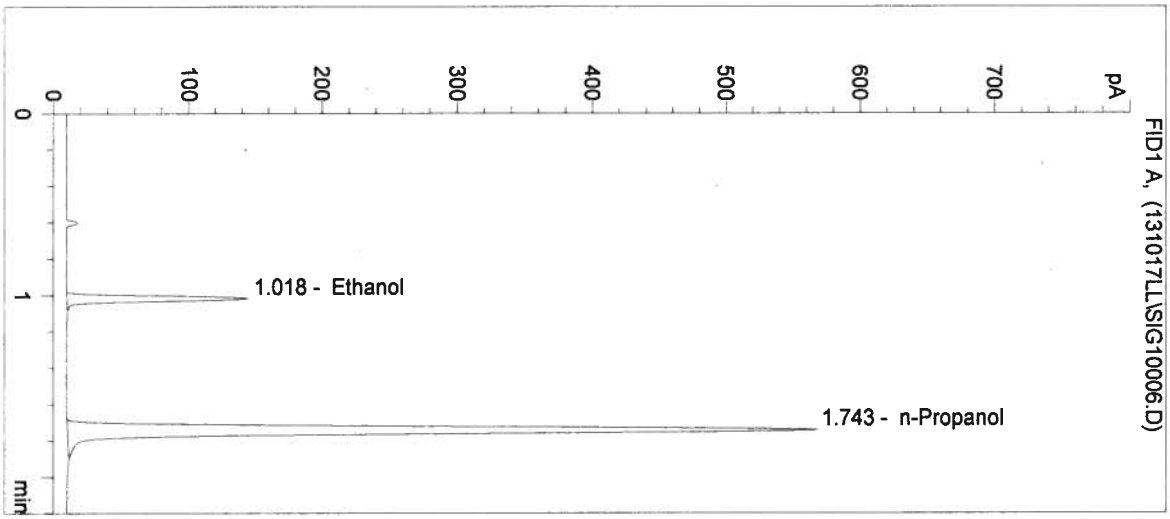
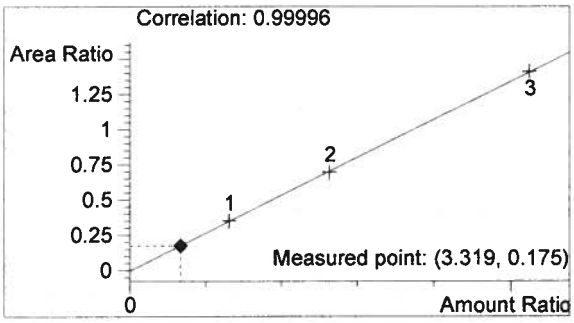
Inj. Date: 10/17/2013 11:36:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

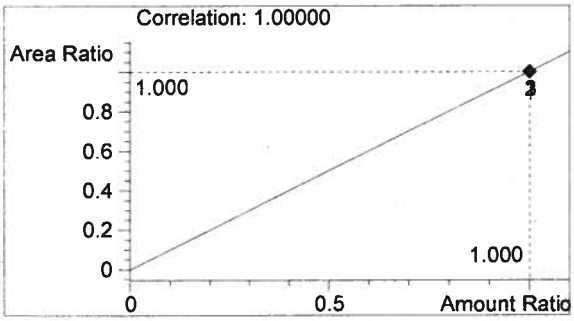
Sample Name: 0.04 CTRL
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	262	1.018
2	n-Propanol	1498	1.743



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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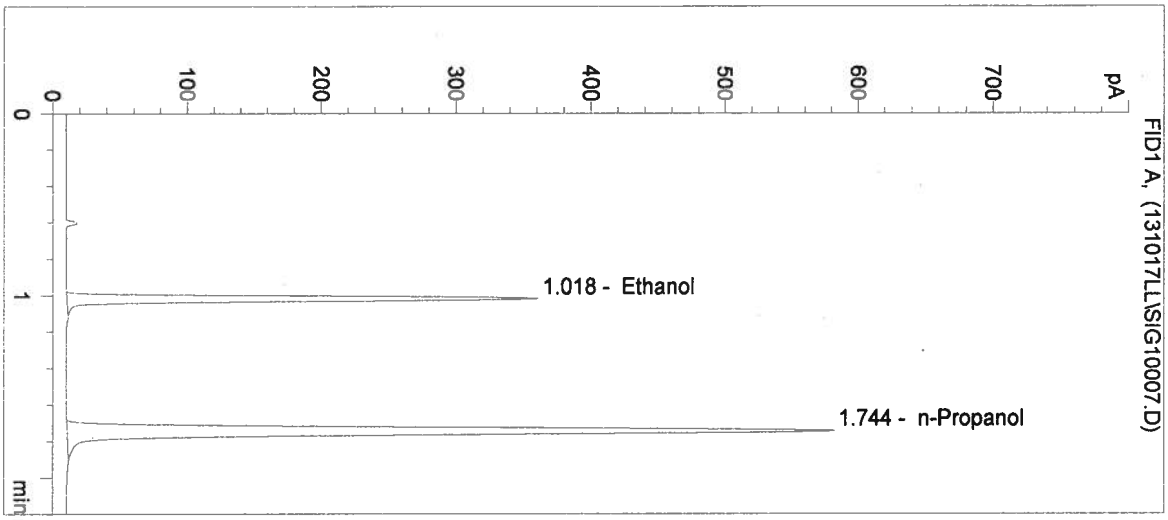
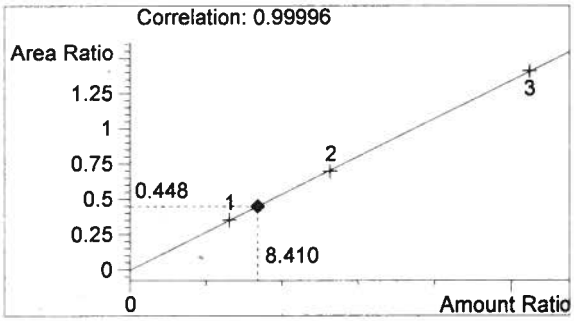
Inj. Date: 10/17/2013 11:39:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

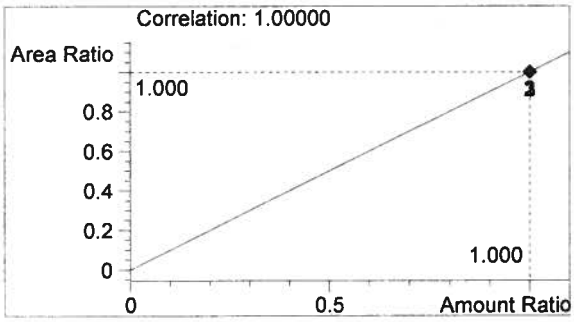
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	688	1.018
2	n-Propanol	1534	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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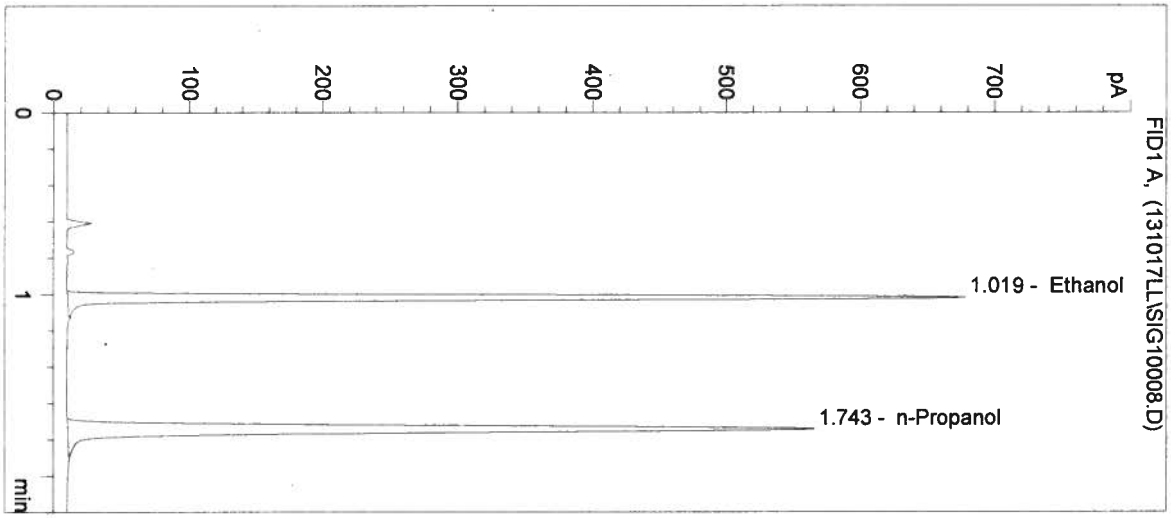
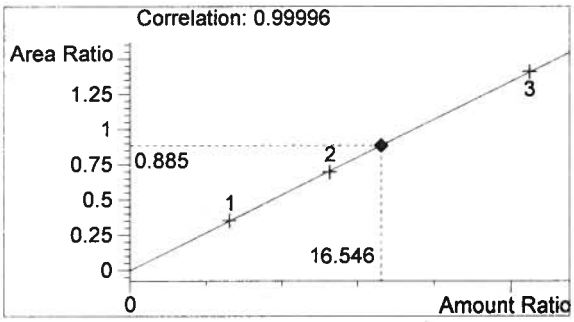
Inj. Date: 10/17/2013 11:42:49 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

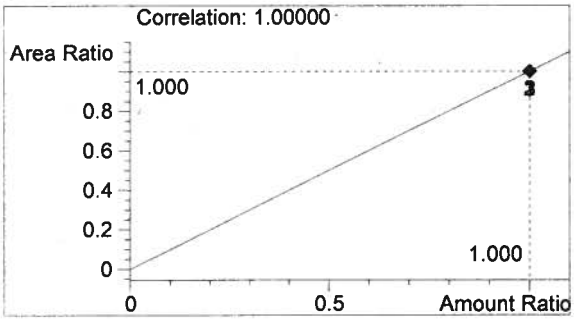
Sample Name: 0.20 CTRL
Operator: Lyndsey Lowe
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	1316	1.019
2	n-Propanol	1487	1.743



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13048

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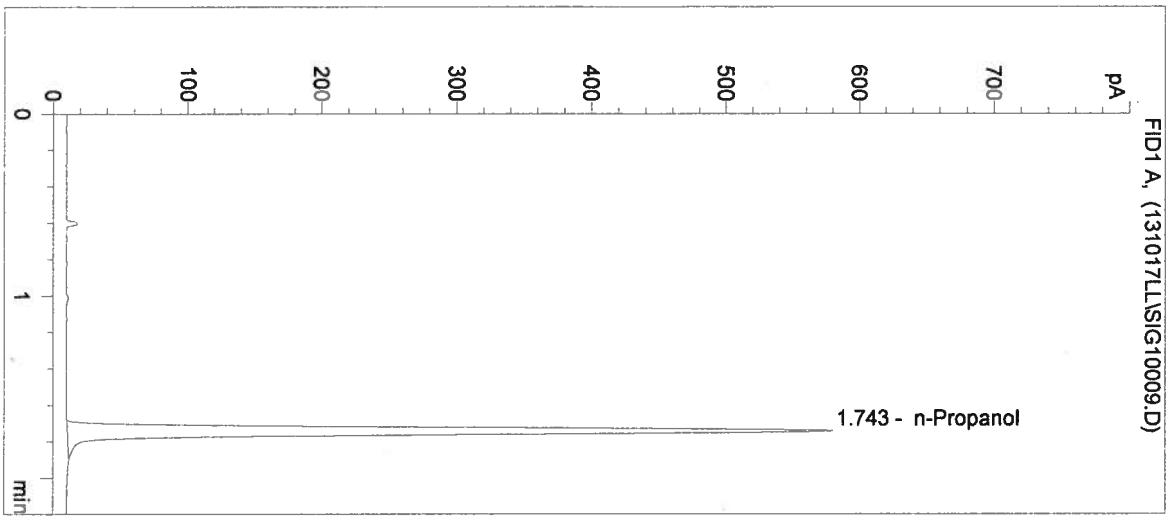
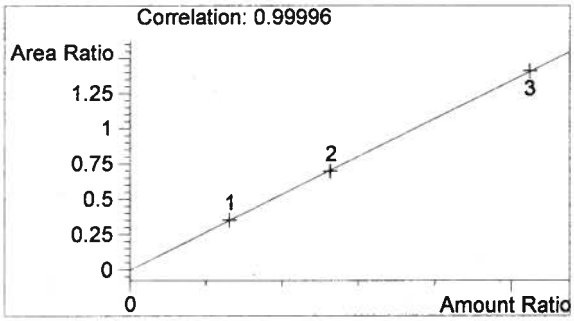
Inj. Date: 10/17/2013 11:45:56 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

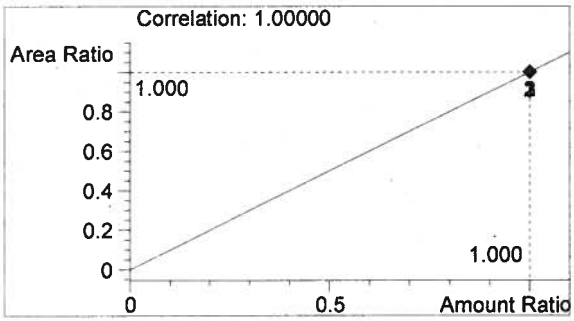
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1532	1.743



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13048

Data File: C:\HPCHEM\2\DATA\131017LL\SIG10009.D

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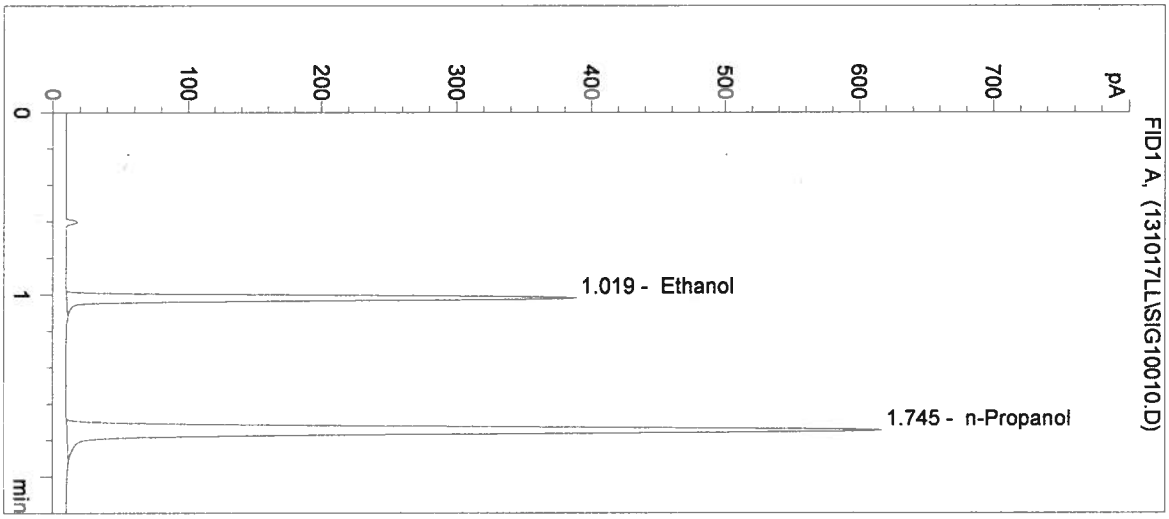
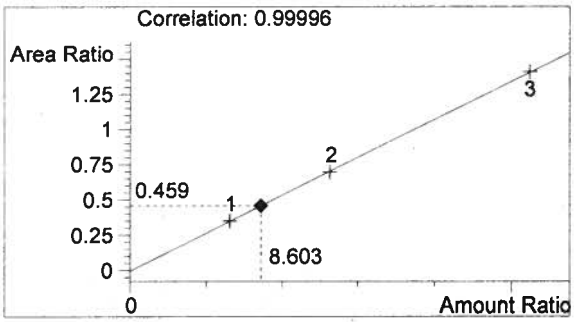
Inj. Date: 10/17/2013 11:49:03 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

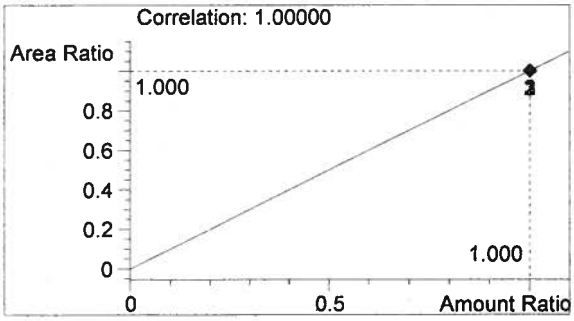
Sample Name: 13048 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	748	1.019
2	n-Propanol	1630	1.745



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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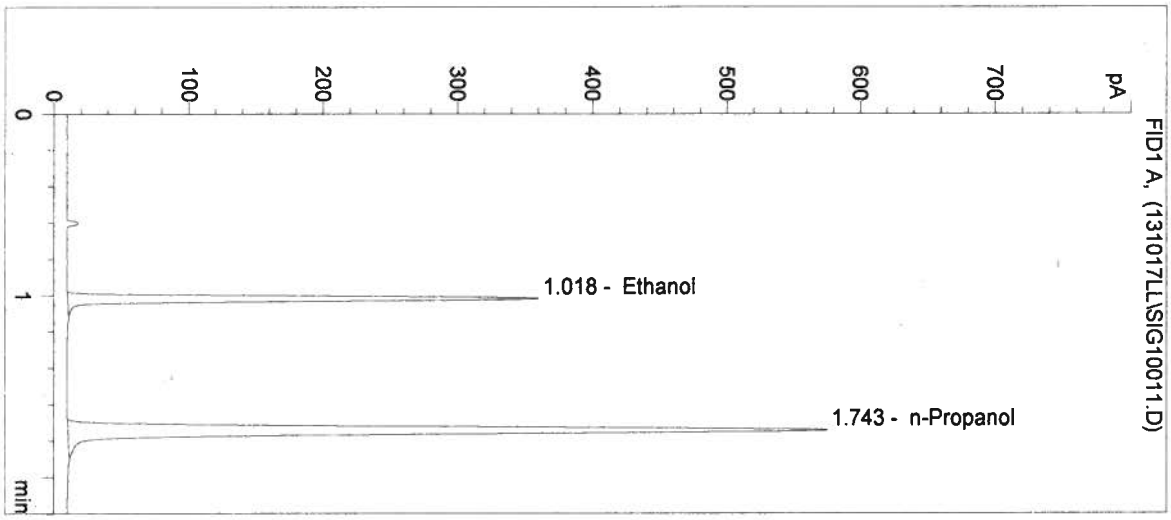
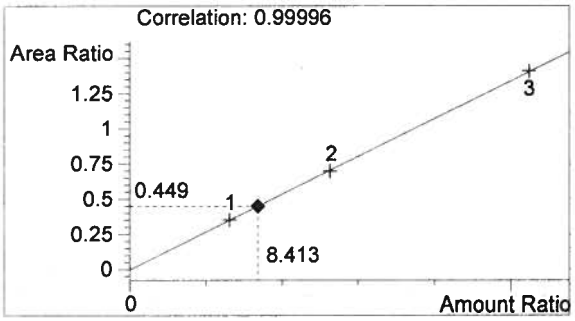
Inj. Date: 10/17/2013 11:52:11 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

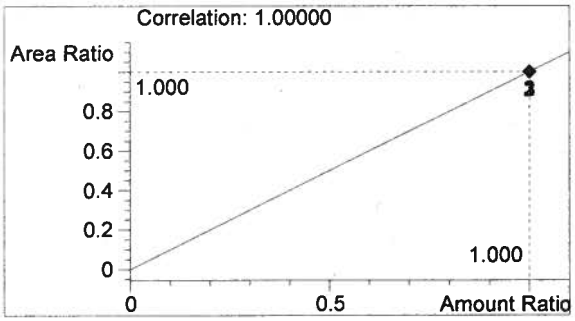
Sample Name: 13048 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	681	1.018
2	n-Propanol	1519	1.743



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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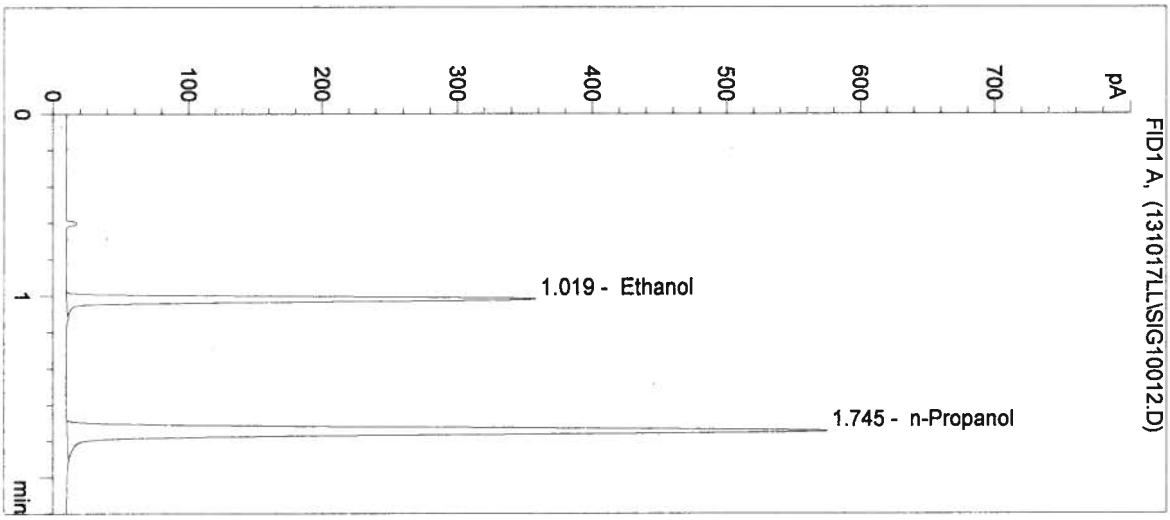
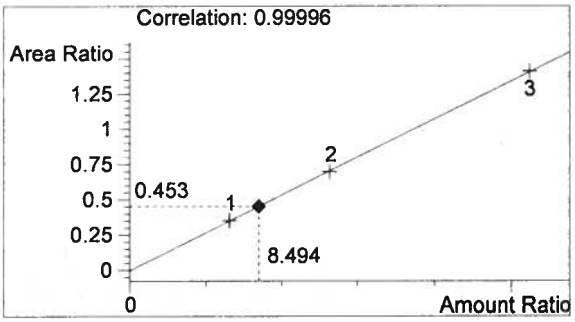
Inj. Date: 10/17/2013 11:55:18 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

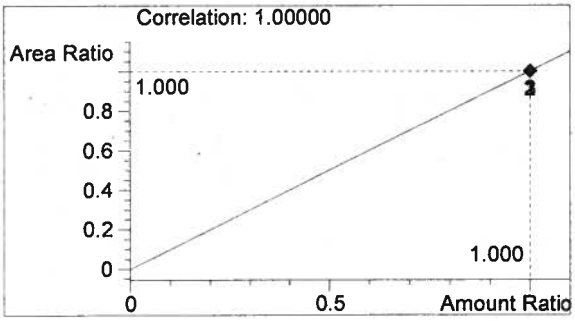
Sample Name: 13048 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	687	1.019
2	n-Propanol	1517	1.745



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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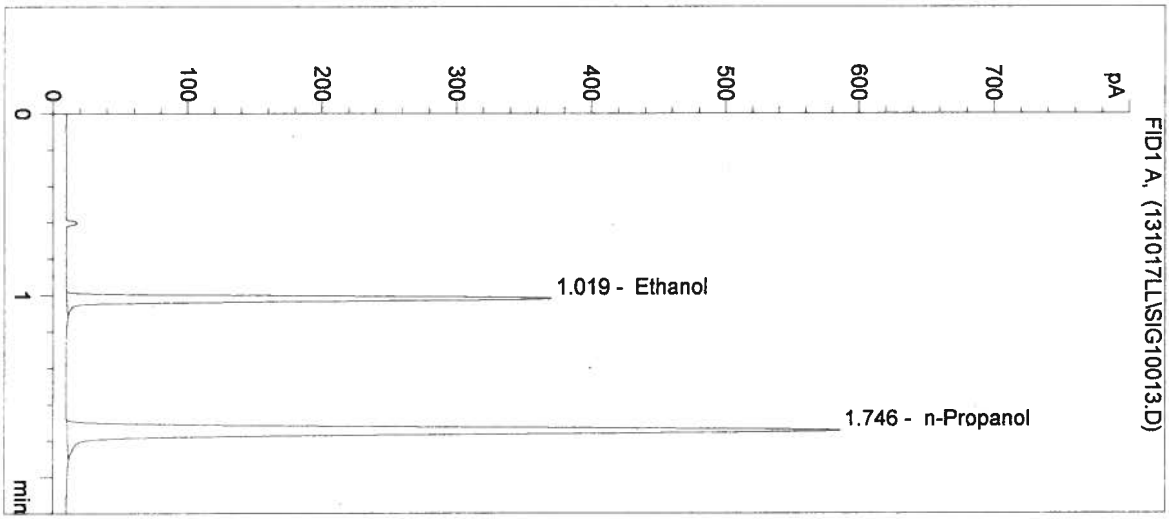
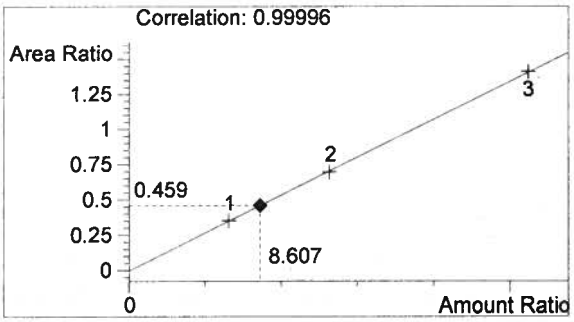
Inj. Date: 10/17/2013 11:58:26 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

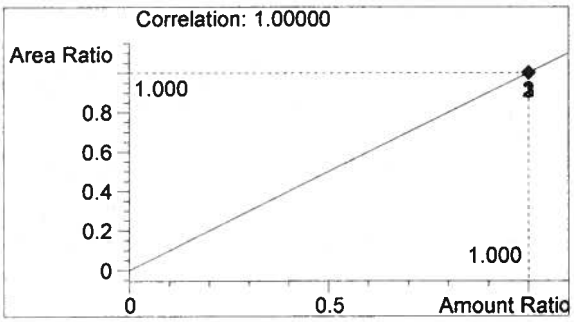
Sample Name: 13048 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	708	1.019
2	n-Propanol	1543	1.746



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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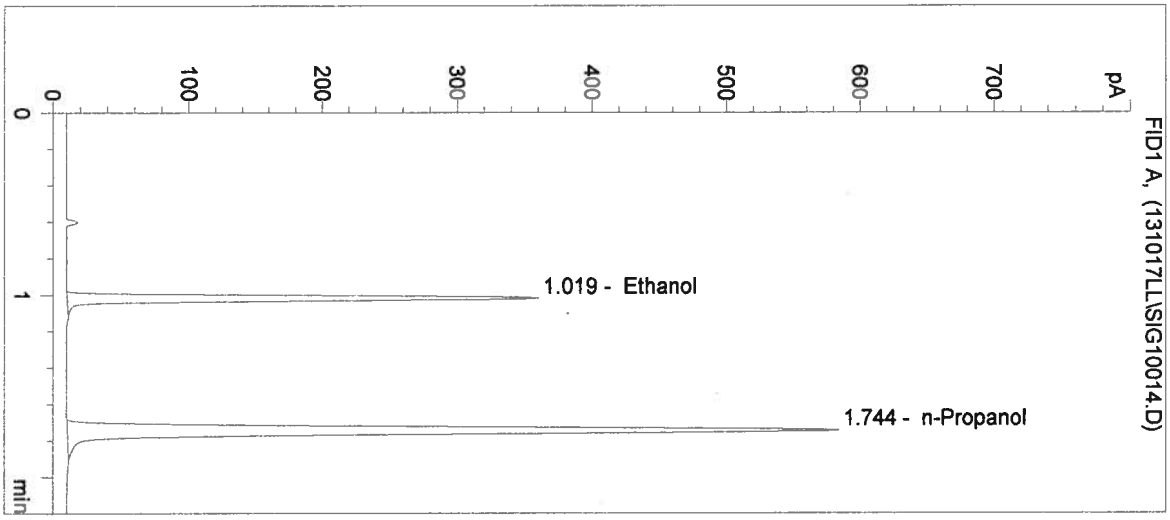
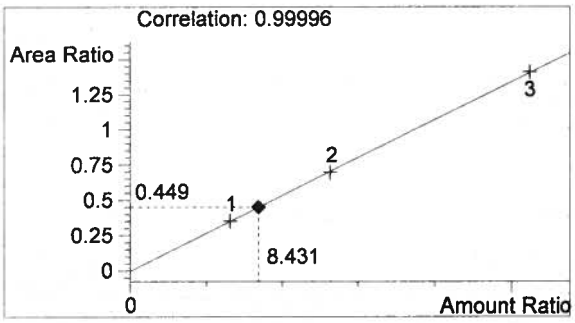
Inj. Date: 10/17/2013 12:01:33 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

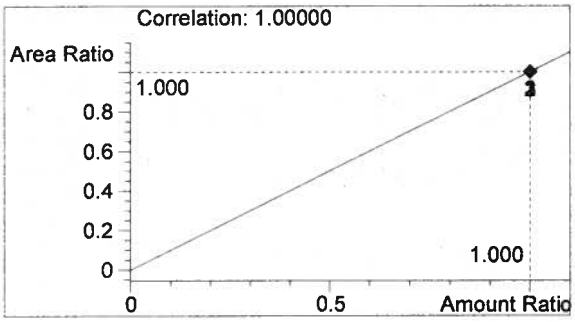
Sample Name: 13048 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	694	1.019
2	n-Propanol	1543	1.744



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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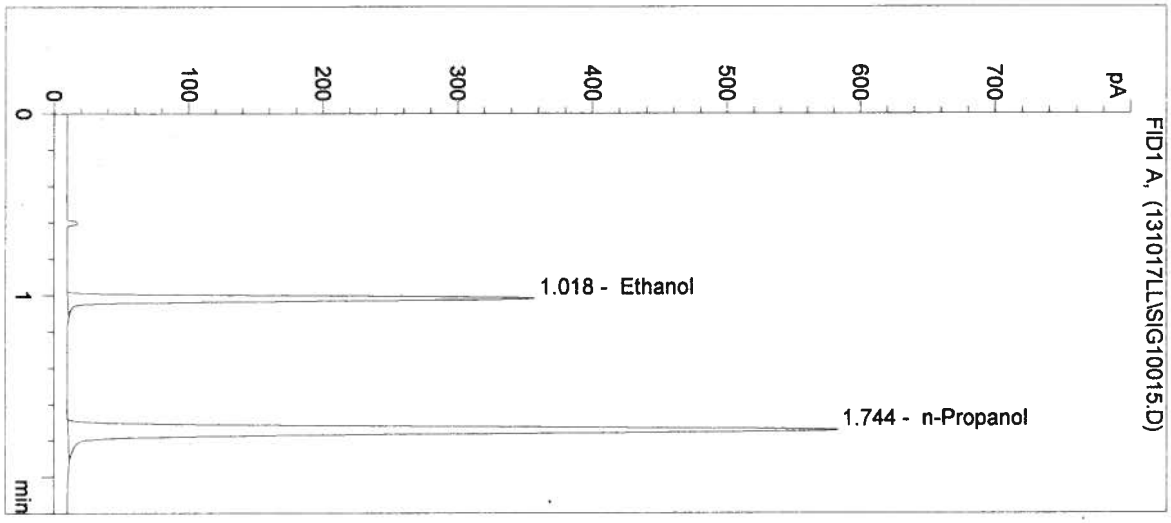
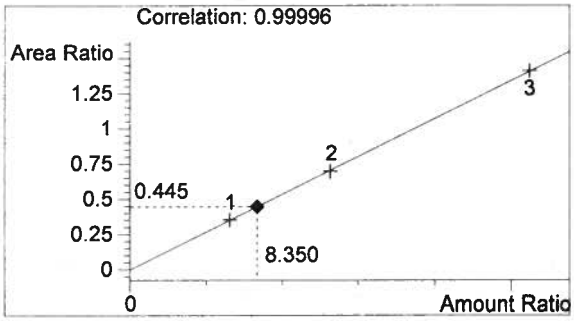
Inj. Date: 10/17/2013 12:04:41 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

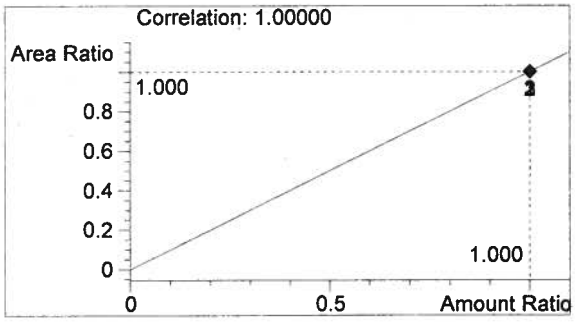
Sample Name: 0.10 CTRL
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	685	1.018
2	n-Propanol	1539	1.744



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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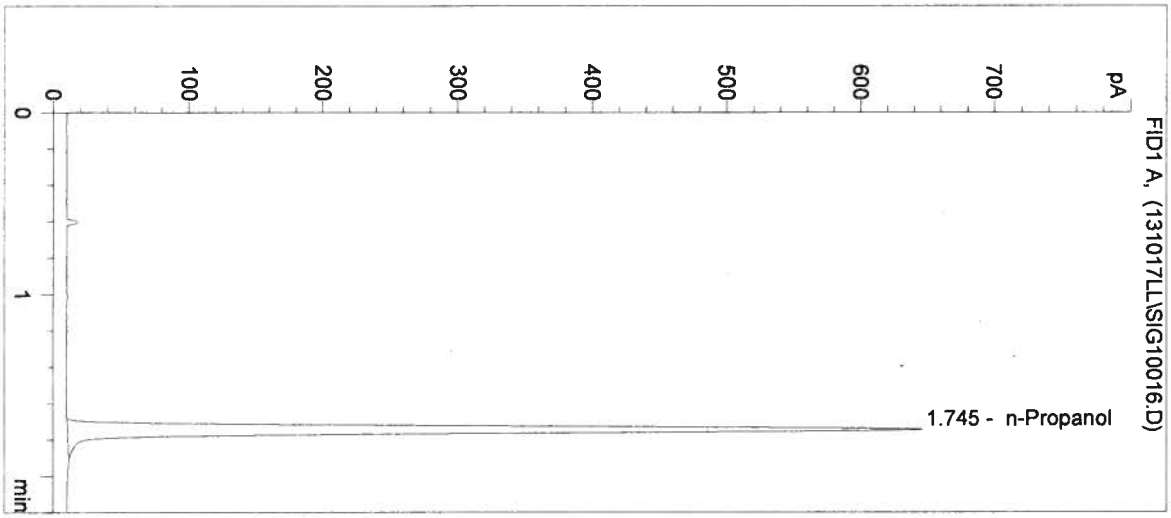
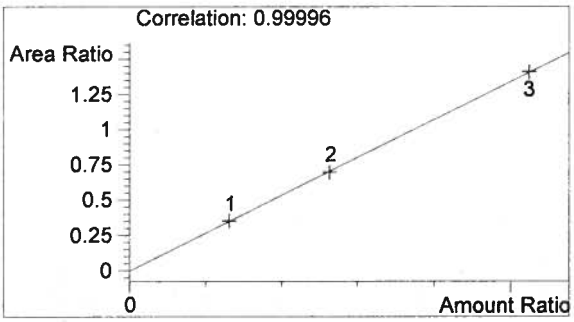
Inj. Date: 10/17/2013 12:07:48 PM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

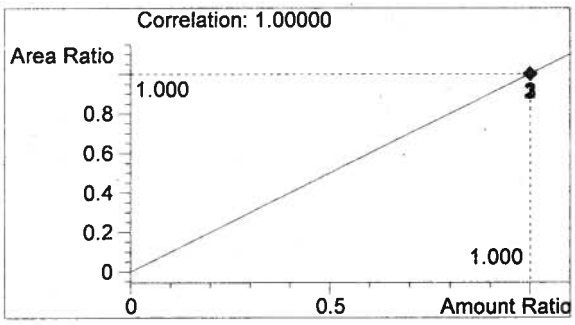
Sample Name: NEG CTRL
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	1707	1.745



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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