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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12045

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: 10/10/2012
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Justin L. Knoy

	JLK	AJL	BP	RF	LN	BEO	BB	CJ
1	0.104	0.102	0.103	0.105	0.104	0.102	0.103	0.103
2	0.104	0.102	0.104	0.105	0.104	0.102	0.104	0.103
3	0.104	0.102	0.103	0.105	0.104	0.102	0.103	0.102
4	0.104	0.104	0.105	0.105	0.104	0.103	0.103	0.103
5	0.104	0.102	0.105	0.103	0.103	0.104	0.104	0.103
C	0.102	0.101	0.101	0.103	0.103	0.102	0.102	0.101

ETHANOL CONTROL INFORMATION
LOT NUMBER: A083355 EXPIRATION: 12/2015 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1035 g/100mL
STANDARD DEVIATION: 0.00099
PRECISION CV (%): 0.95
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0841 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — FS-5 — 11-13-2012
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy	Justin L Knoy	10/10/2012
AJL	Asa J. Louis	[illegible]	10/10/2012
BP	Brianna Peterson	Brianna Peterson	10/11/2012
RF	Rebecca Flaherty	[illegible]	10/19/2012
LN	Lisa Noble	Lisa Noble	10/23/2012
BEO	Brianne O'Reilly	Brianne O'Reilly	10/25/2012
BB	Brittany Ball	Brittany Ball	10/25/2012
CJ	Christopher S. Johnston	[illegible]	11/06/2012

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 #: **12045** **Date Prepared:** **10/10/2012**

Analyst:	JLK	AJL	BP	RF	LN	BEO	BB	CSJ
Date Tested:	10/10/2012	10/10/2012	10/11/2012	10/19/2012	10/23/2012	10/25/2012	10/25/2012	11/6/2012
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.104	0.102	0.103	0.105	0.104	0.102	0.103	0.103
2	0.104	0.102	0.104	0.105	0.104	0.102	0.104	0.103
3	0.104	0.102	0.103	0.105	0.104	0.102	0.103	0.102
4	0.104	0.104	0.105	0.105	0.104	0.103	0.103	0.103
5	0.104	0.102	0.105	0.103	0.103	0.104	0.104	0.103
C	0.102	0.101	0.101	0.103	0.103	0.102	0.102	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000908058	0.0000671029	0.0001016326

Ethanol Control Lot #: A083355
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1035 g/100mL
Standard Deviation: 0.00099 g/100mL
Precision CV (%): 0.95
Equivalent Vapor Concentration: 0.0841 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 11.6.2012
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 11-8-2012 Method: Hand calculation
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton Melissa L. Pemberton 11.8.2012
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 11-8-2012

Location: WSP-FLSB Seattle, WA Solution Batch Number: 12045

	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: 11-8-2012

Reviewer Signature: N/A OB 11-8-12 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 Black		
Asa Louis	AL	2012 Nov 07
Brian Capron		
Brianna Peterson	BP	11/7/12
Brianne O'Reilly	BMO	11.6.12
Brittany Ball	BB	11/6/12
Christie Mitchell-Mata		
Christopher Johnston	CJ	11/6/12
Dawn Sklerov		
Justin Knoy	JK	11.7.12
Lisa Noble	LN	11/6/12
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	11-7-12
Sarah Swenson		

Batch # 12045

CHRISTINE O. GREGOIRE
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 12045

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 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

Justin L. Knoy 11-7-12

Justin L. Knoy — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

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 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

2012 Nov 07

Asa J. Louis
Forensic Toxicologist

Date

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

I, Brianna Peterson, 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, MS degree in Forensic Science, and Ph.D. degree in Toxicology.

The external standard solution, Lot Number 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

Brianna Peterson 11/7/12

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The external standard solution, Lot Number 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

11-7-12

Rebecca Flaherty — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

I, Lisa Noble, 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 and six years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

Lisa Noble 11/6/12

Lisa Noble — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

I, Brianne E. O'Reilly, 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 Veterinary Medical Sciences.

The external standard solution, Lot Number 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

Brianne E O'Reilly 11·6·2012

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

I, Brittany Ball, 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 a Masters in Forensic Science.

The external standard solution, Lot Number 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

Brittany Ball 11/6/12

Brittany Ball — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12045

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 12045, was prepared in the Washington State Toxicology Laboratory on 10/10/2012. 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 10/10/2013.

Seattle, WA

11/6/2012

Christopher S. Johnston — 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: 10-10-12 Initials of Preparer: JK

Expiration Date: 10-10-13

Lot # of 200-proof Ethanol used in preparation: 2AJ0691

Date the 200-proof Ethanol bottle was opened: 7-13-12

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	☑	12045

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 10-10-12 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:

Analyst Signature 10-10-12 Date

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\1\DATA\
Data Subdirectory:	121010JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0912-01 - Exp. 03/06/2013
Ethanol Calibrator 2, E0912-02 - Exp. 03/06/2013
Ethanol Calibrator 3, E0912-03 - Exp. 03/06/2013

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016

Internal Standard: Lot#P0812 - Exp. 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC1	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC1	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045-1	SIMALC1	1	Sample		
11	Vial 11	12045-2	SIMALC1	1	Sample		
12	Vial 12	12045-3	SIMALC1	1	Sample		
13	Vial 13	12045-4	SIMALC1	1	Sample		
14	Vial 14	12045-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

12045

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC1	3	Replace	Replace	

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

Sequence Table (Back Injector):

No entries - empty table!

= 12040

JK

Calibration Table

Calib. Data Modified : Wednesday, October 10, 2012 11:07:51 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
1.041	1	1	7.98400e-2	860.05078	9.28317e-5	1		Ethanol
		2	1.59780e-1	1730.24866	9.23451e-5			
		3	3.19310e-1	3369.49414	9.47650e-5			
1.705	1	1	1.20000e-2	2360.41626	5.08385e-6	I1		n-Propanol
		2	1.20000e-2	2382.76489	5.03617e-6			
		3	1.20000e-2	2336.08594	5.13680e-6			

Peak Sum Table

No Entries in table

12045

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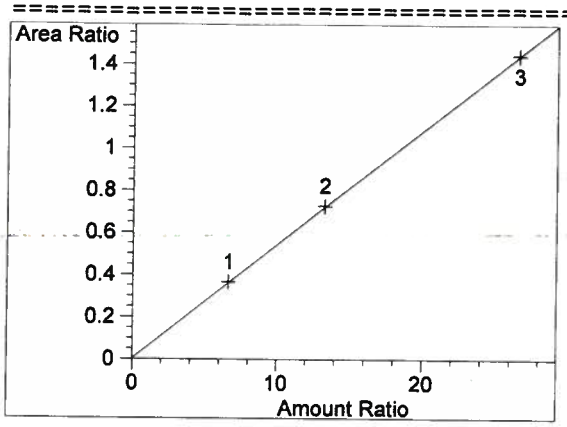
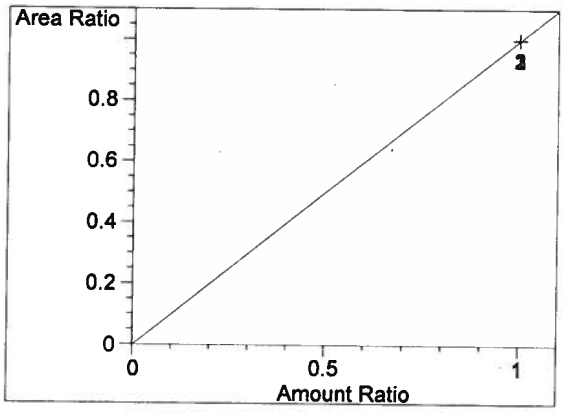
Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00286
Formula: y = mx + b
m: 5.41768e-2
b: 2.36622e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
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

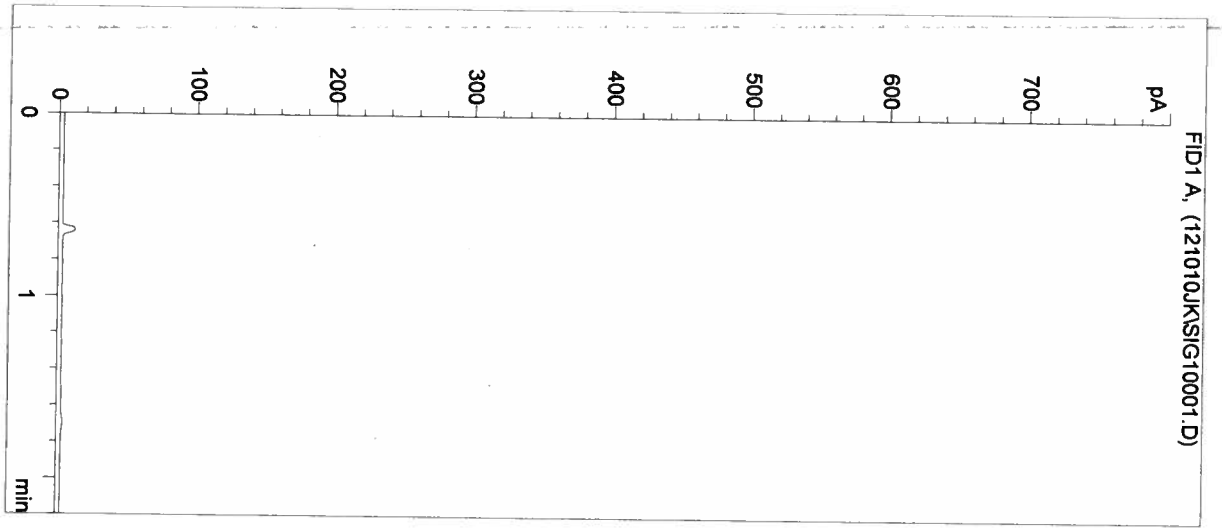
==========

12045

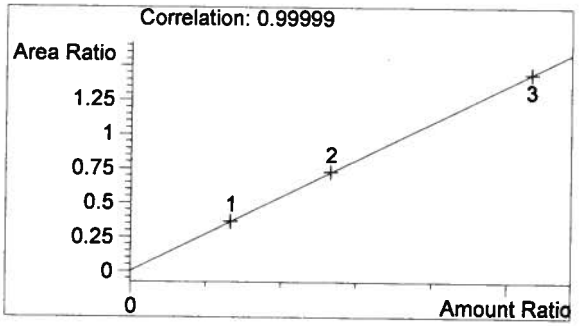
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 10:56:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

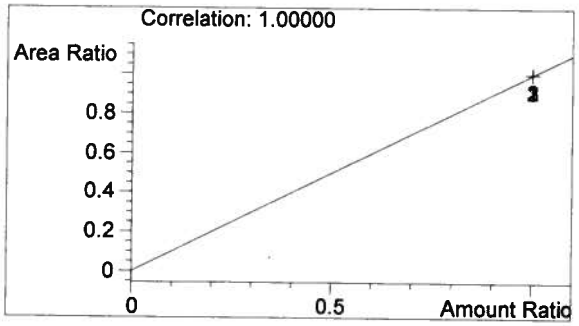
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



#	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

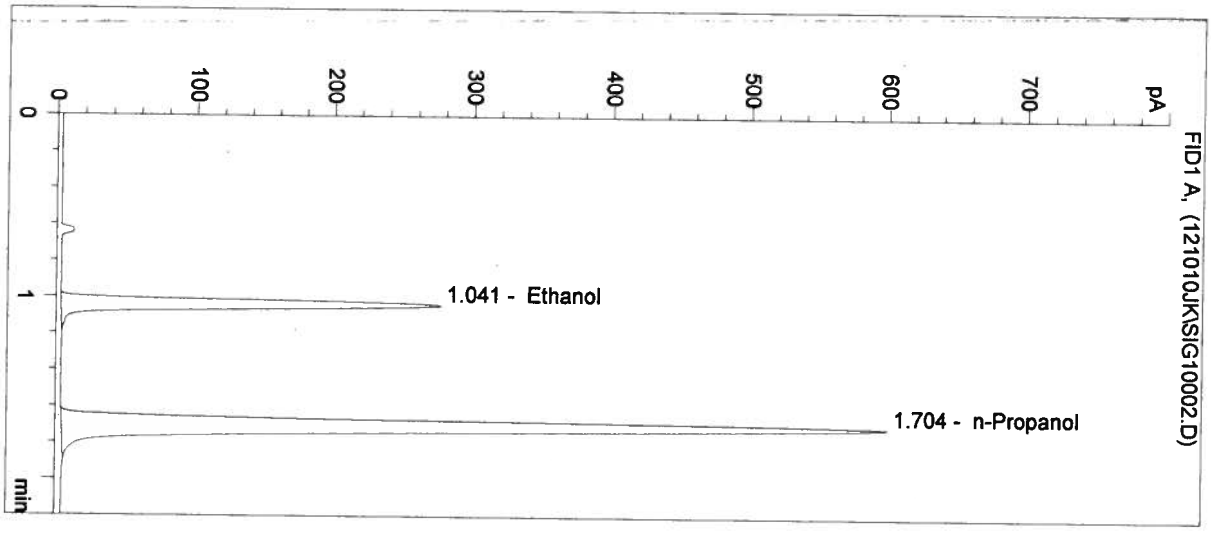
12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10001.D

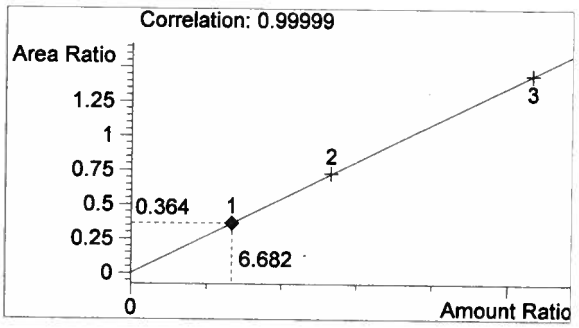
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 10:59:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-01 - (0.079g/100mL)

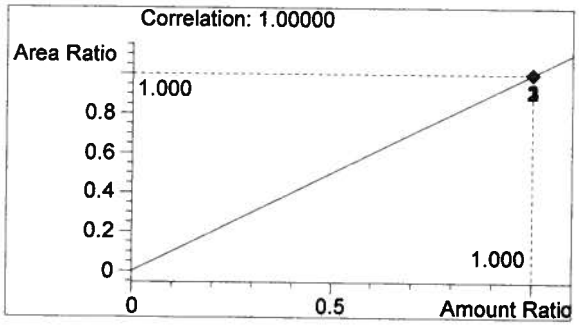
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	860	1.041
2	n-Propanol	2360	1.704



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12045

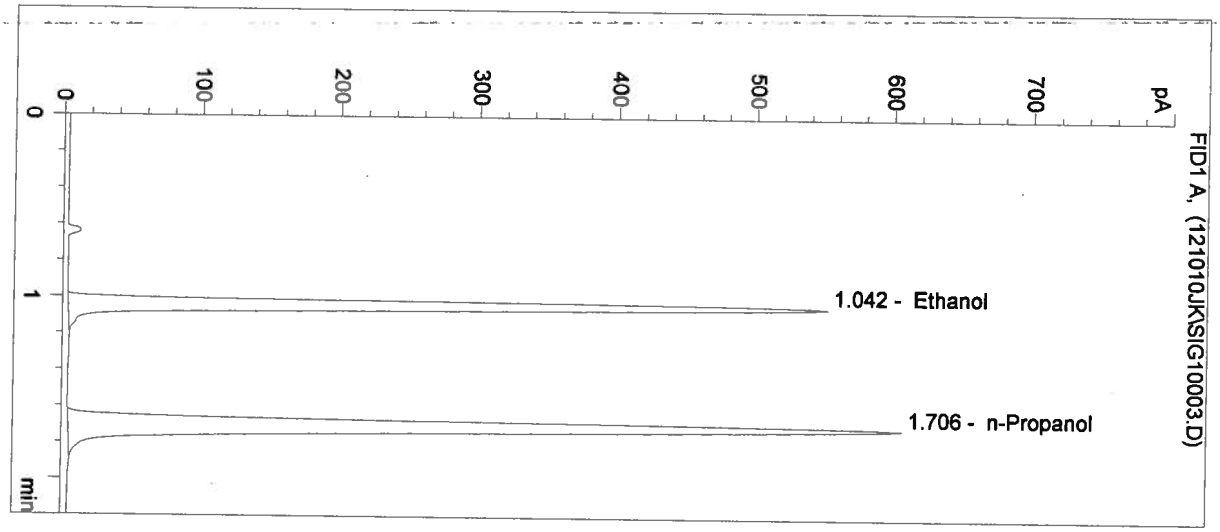
Data File: C:\HPCHEM\1\DATA\121010JK\SIG10002.D

JK

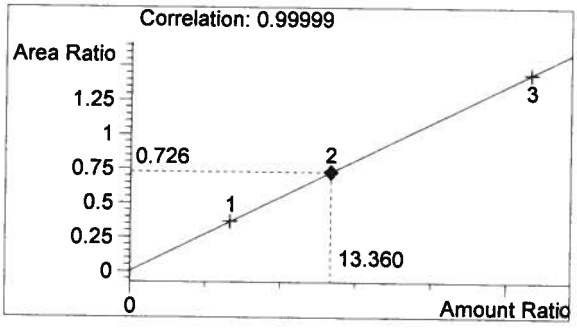
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:02:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-02 - (0.158g/100mL)

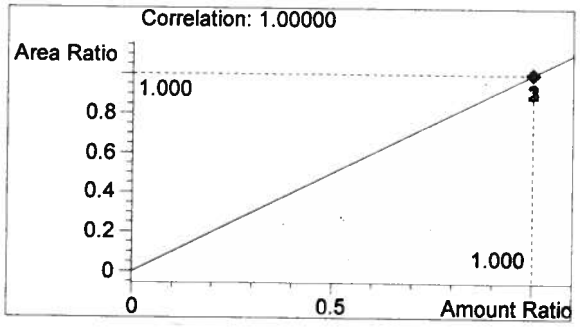
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1730	1.042
2	n-Propanol	2383	1.706



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

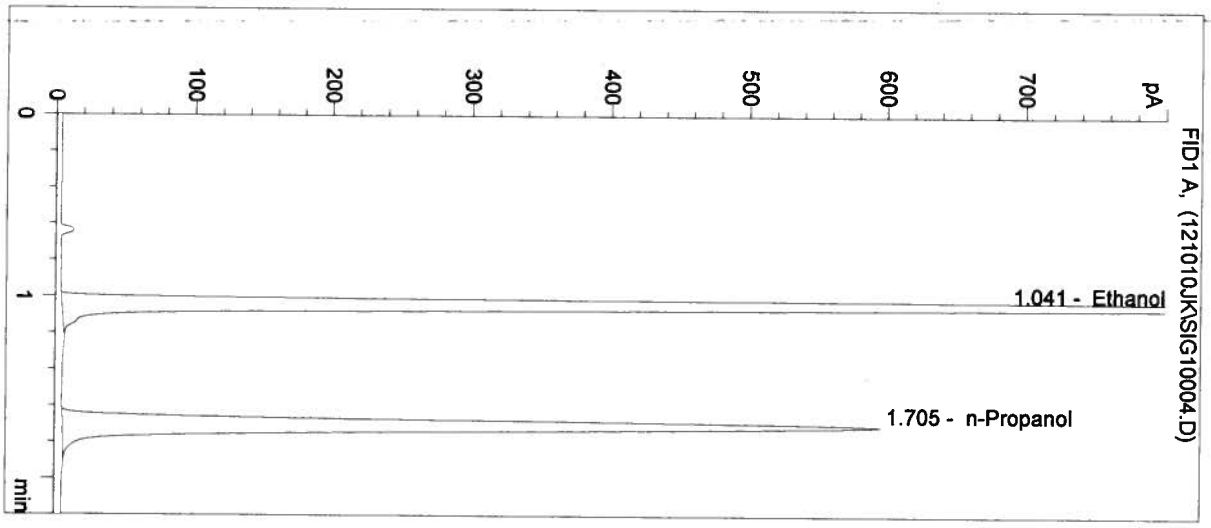
12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10003.D

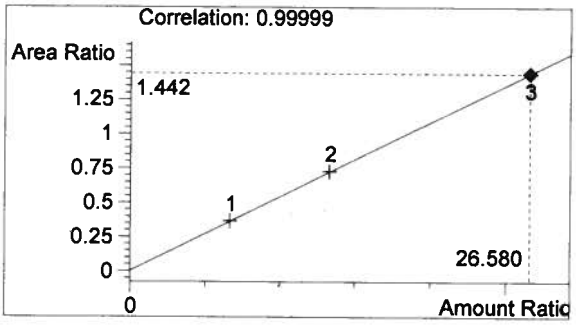
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:05:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-03 - (0.316g/100mL)

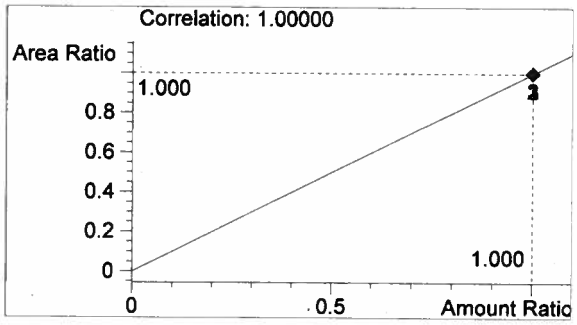
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3369	1.041
2	n-Propanol	2336	1.705



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

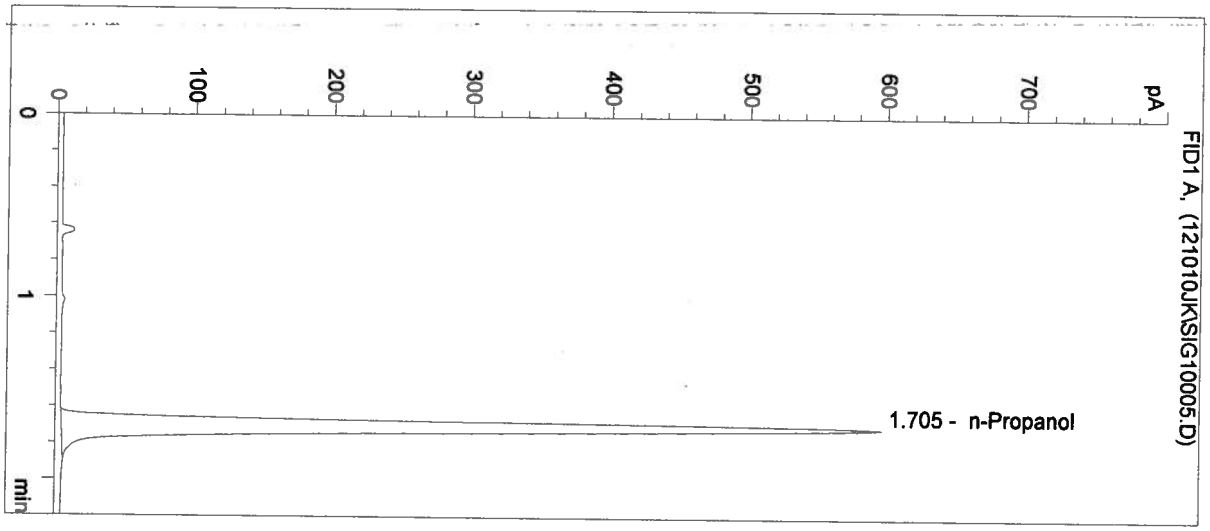
12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10004.D

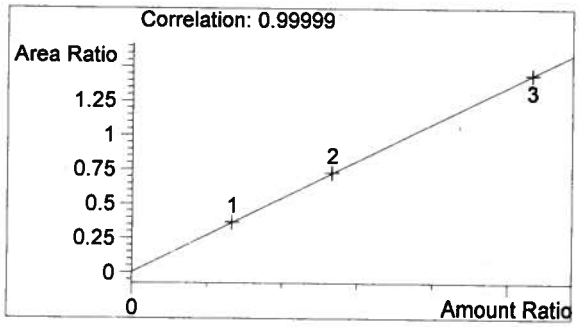
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:08:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

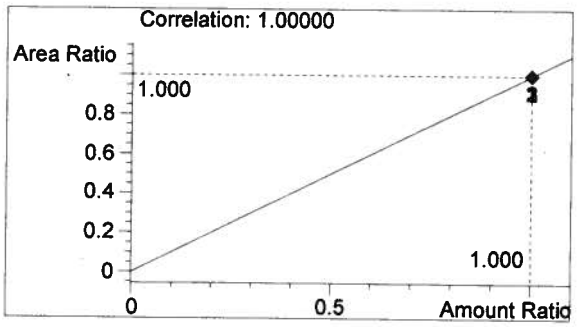
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2350	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10005.D

JK

Washington State Patrol Toxicology Laboratory
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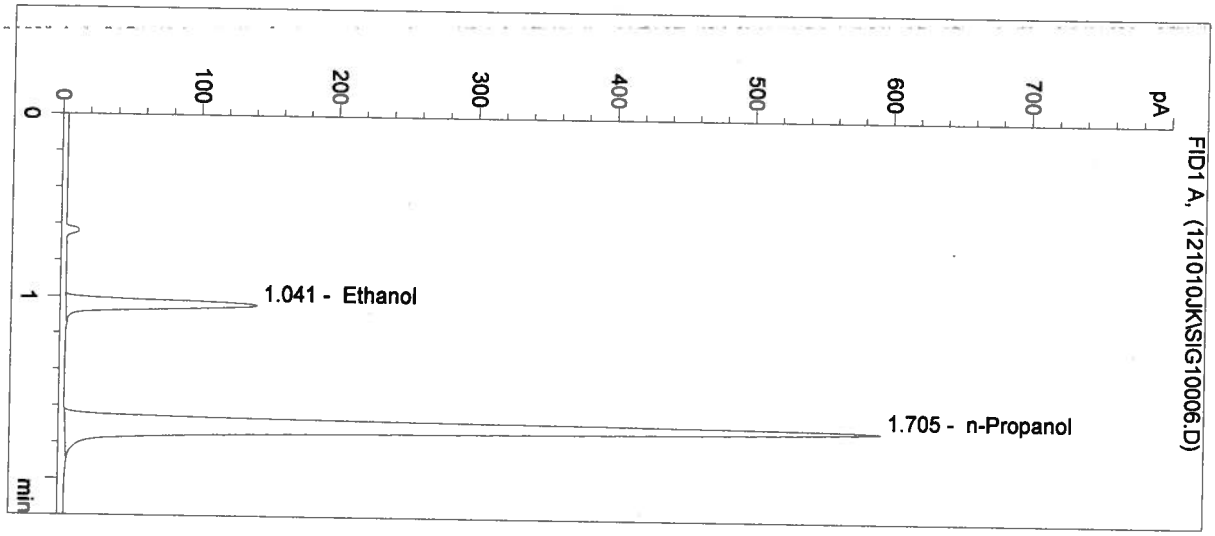
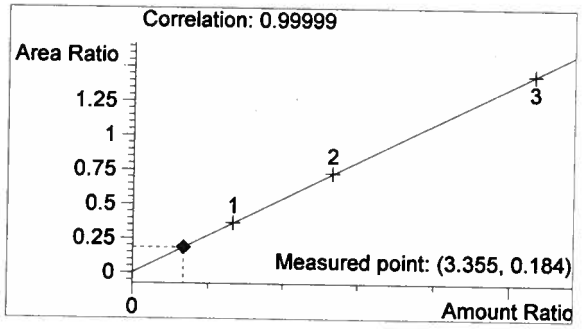
Inj. Date: 10/10/2012 11:11:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

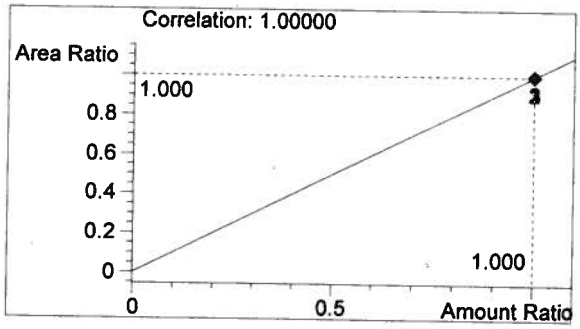
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.041
2	n-Propanol	2330	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10006.D

Washington State Patrol Toxicology Laboratory
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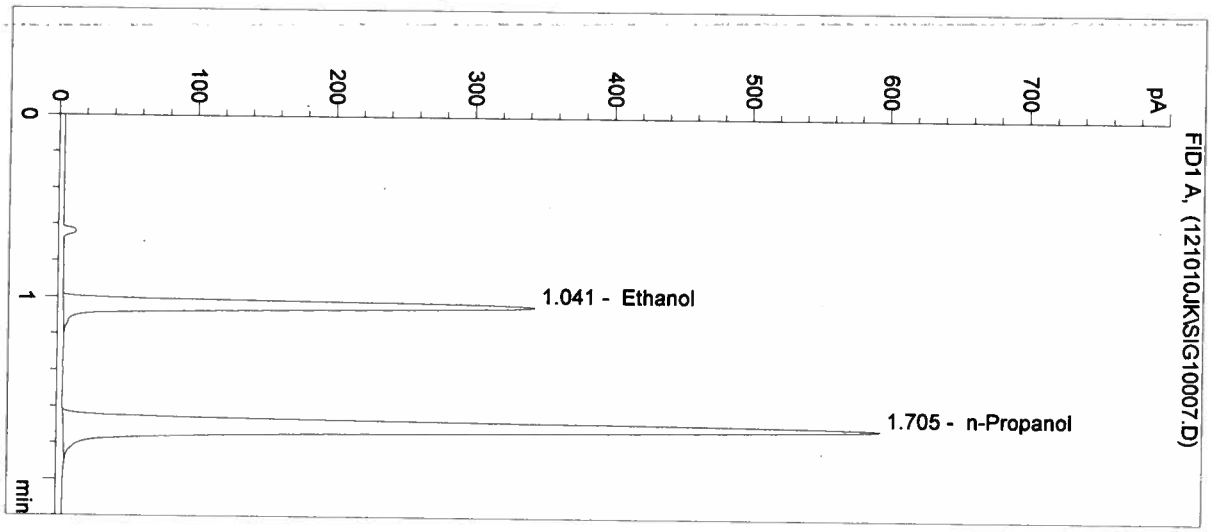
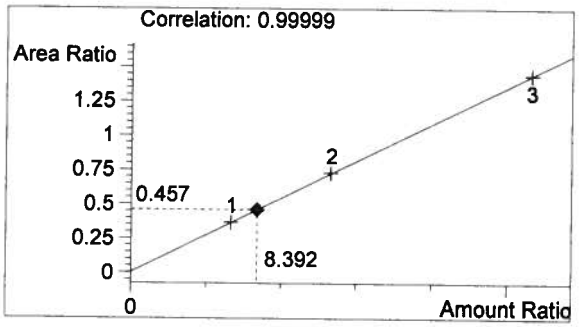
Inj. Date: 10/10/2012 11:14:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

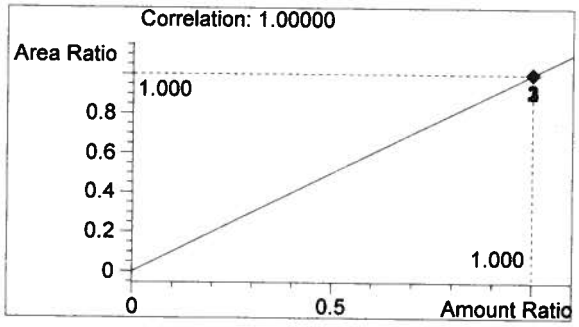
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1069	1.041
2	n-Propanol	2338	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10007.D

Washington State Patrol Toxicology Laboratory
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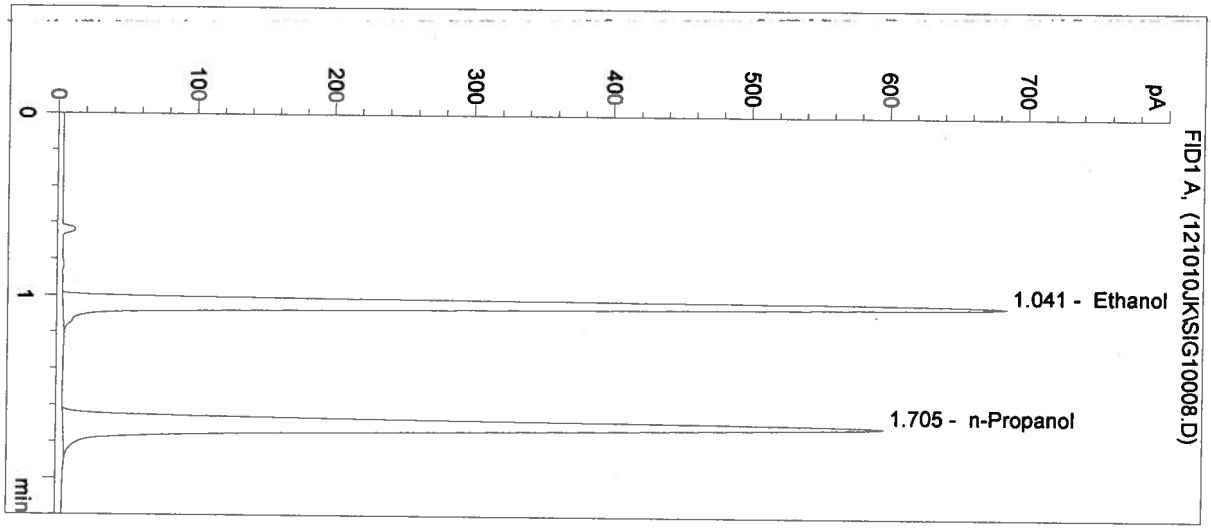
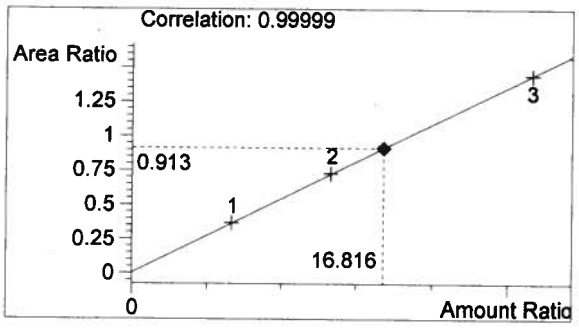
Inj. Date: 10/10/2012 11:17:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

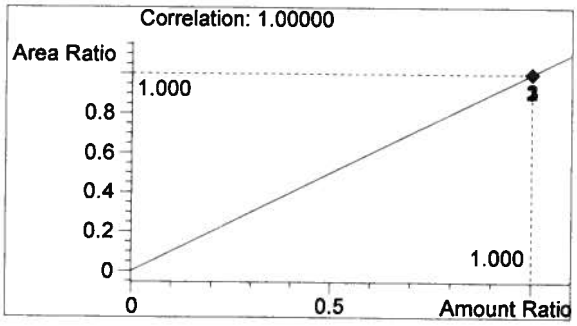
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2138	1.041
2	n-Propanol	2341	1.705



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

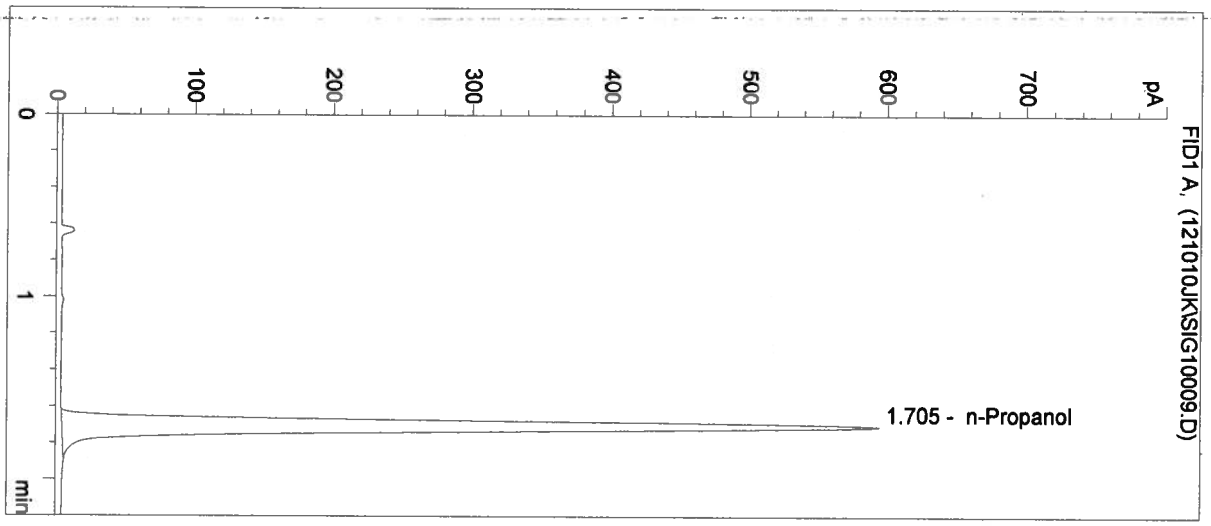
12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10008.D

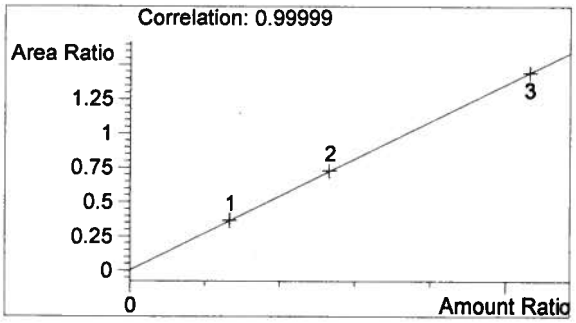
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:21:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

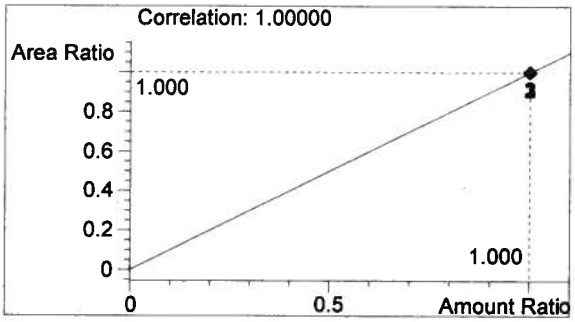
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2336	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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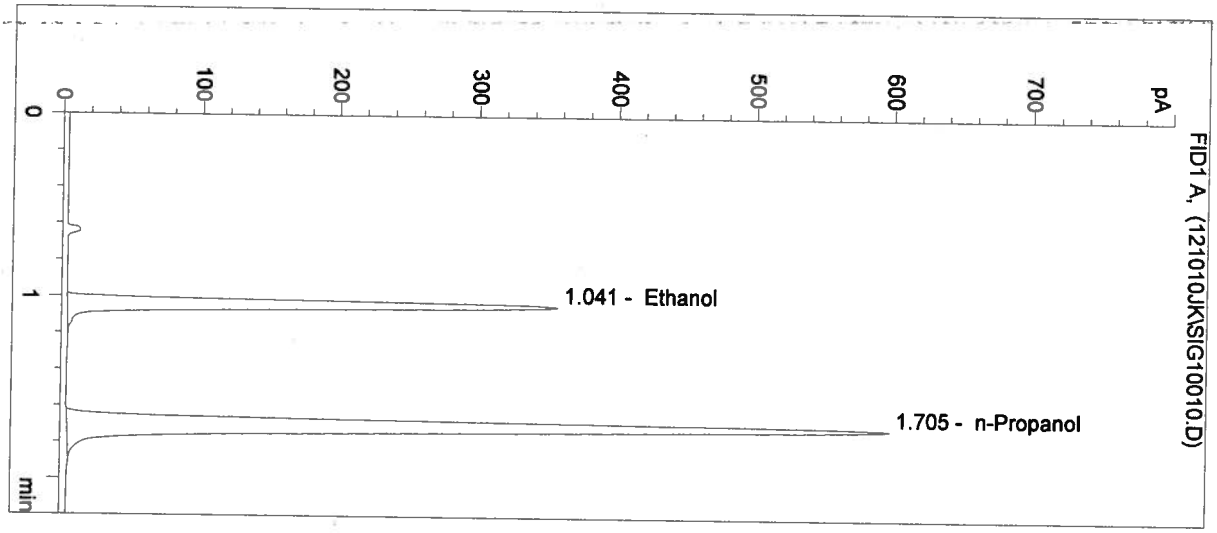
Data File: C:\HPCHEM\1\DATA\121010JK\SIG10009.D

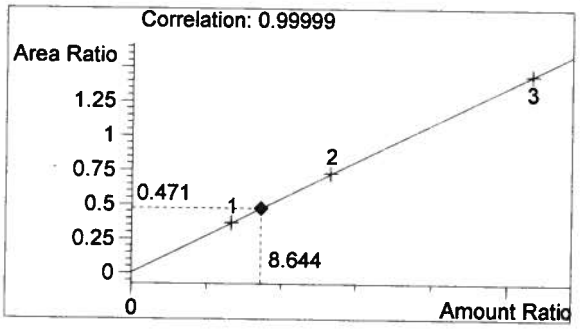
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:24:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

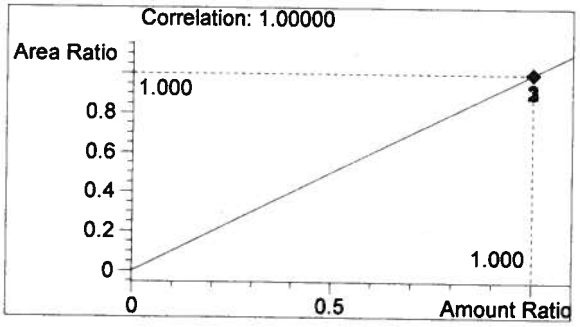
Sample Name: 12045-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2354	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

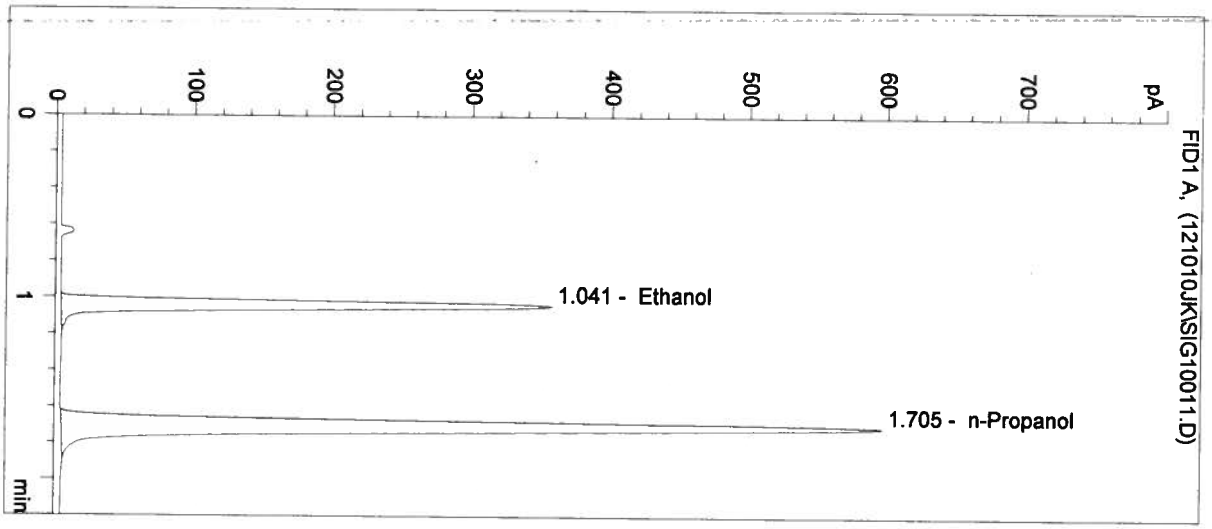
Data File: C:\HPCHEM\1\DATA\121010JK\SIG10010.D

JK

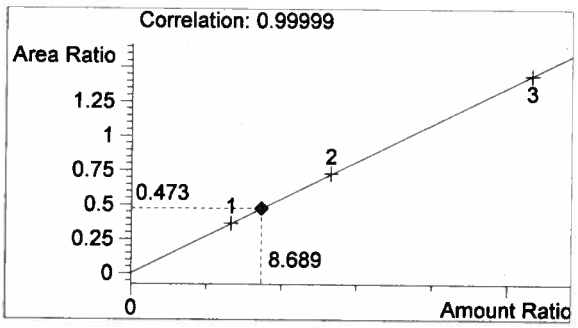
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:27:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

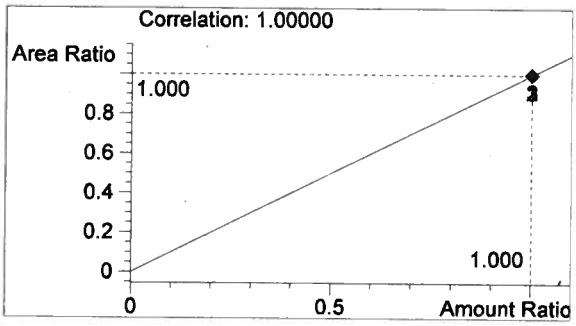
Sample Name: 12045-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2347	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

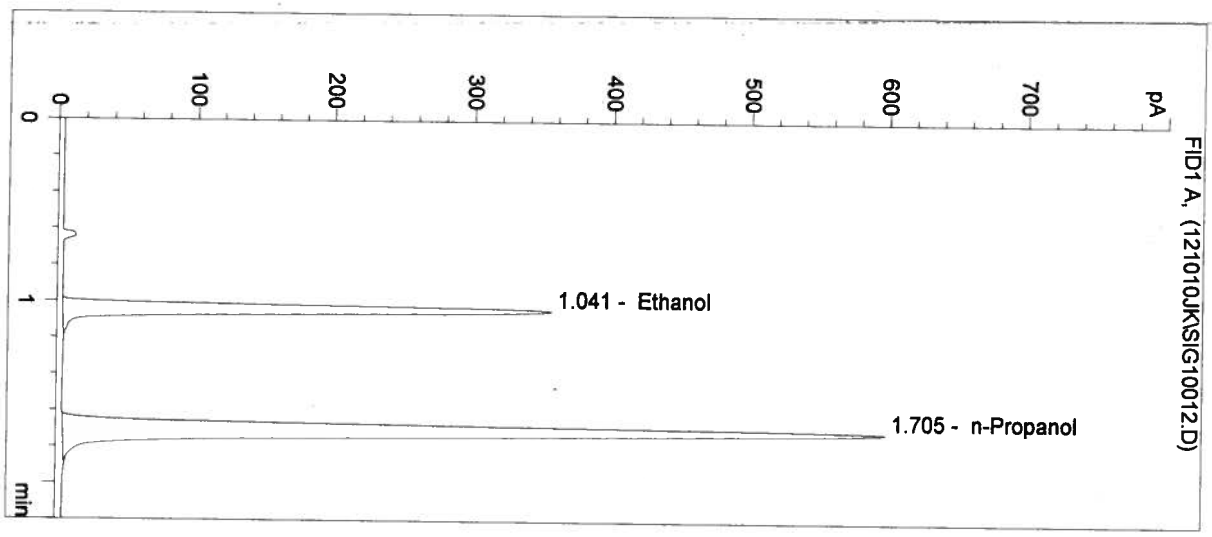
Data File: C:\HPCHEM\1\DATA\121010JK\SIG10011.D

JK

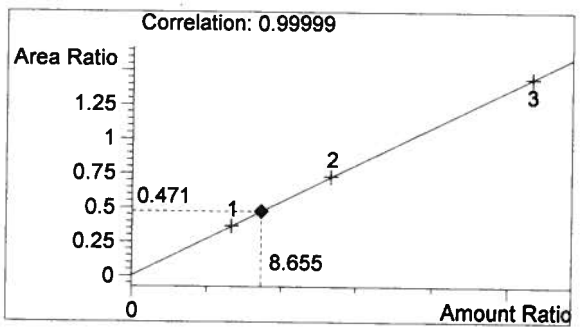
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:30:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

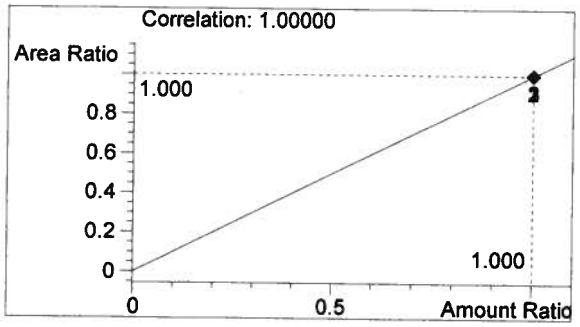
Sample Name: 12045-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2351	1.705



Ethanol 0.104 g/100mL



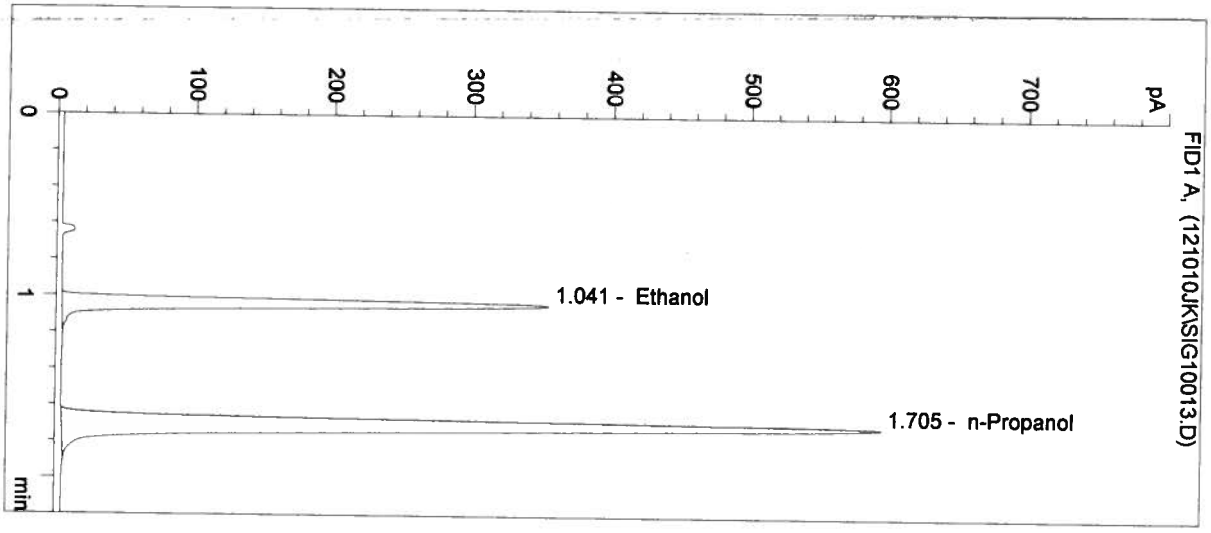
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10012.D

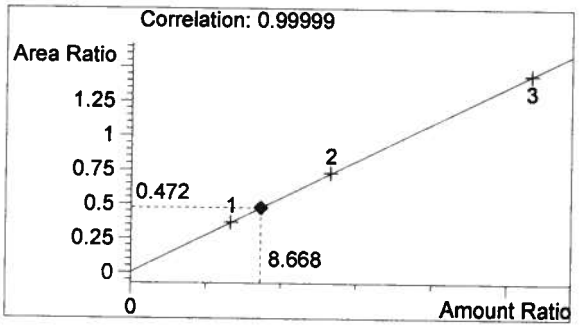
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:33:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

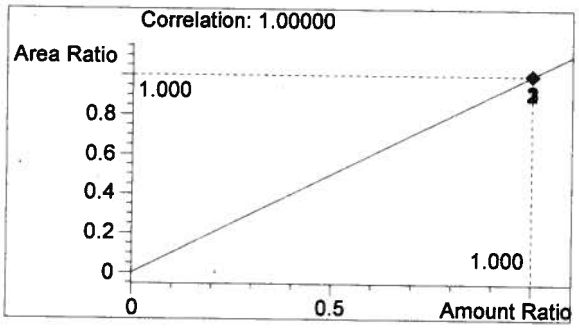
Sample Name: 12045-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.041
2	n-Propanol	2342	1.705



Ethanol 0.104 g/100mL



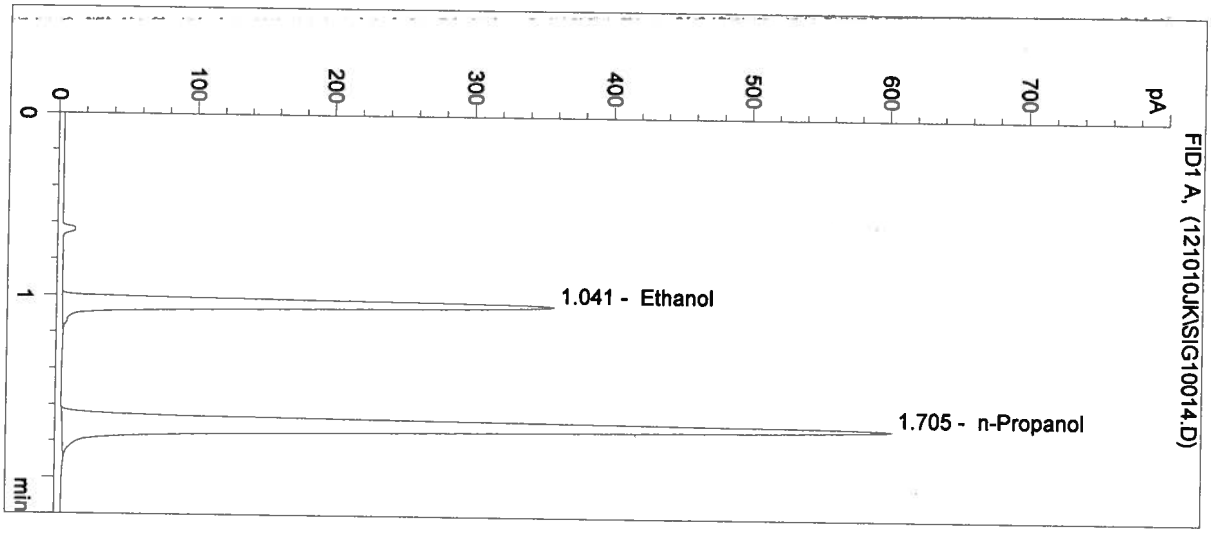
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10013.D

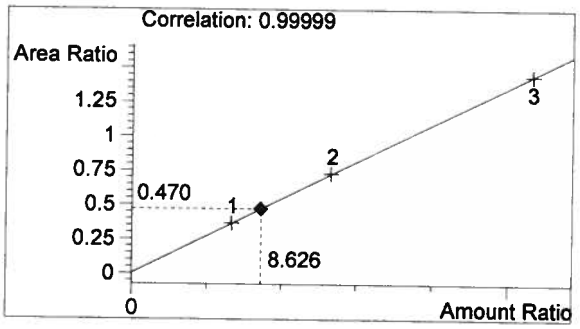
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:36:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

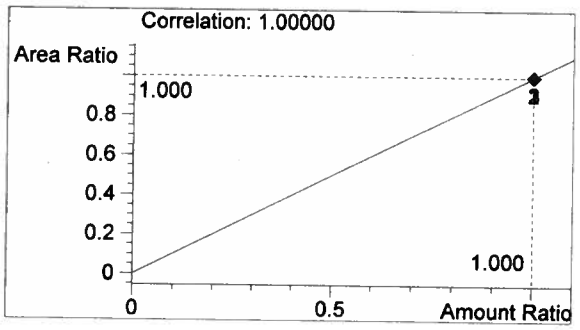
Sample Name: 12045-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.041
2	n-Propanol	2372	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

4 5

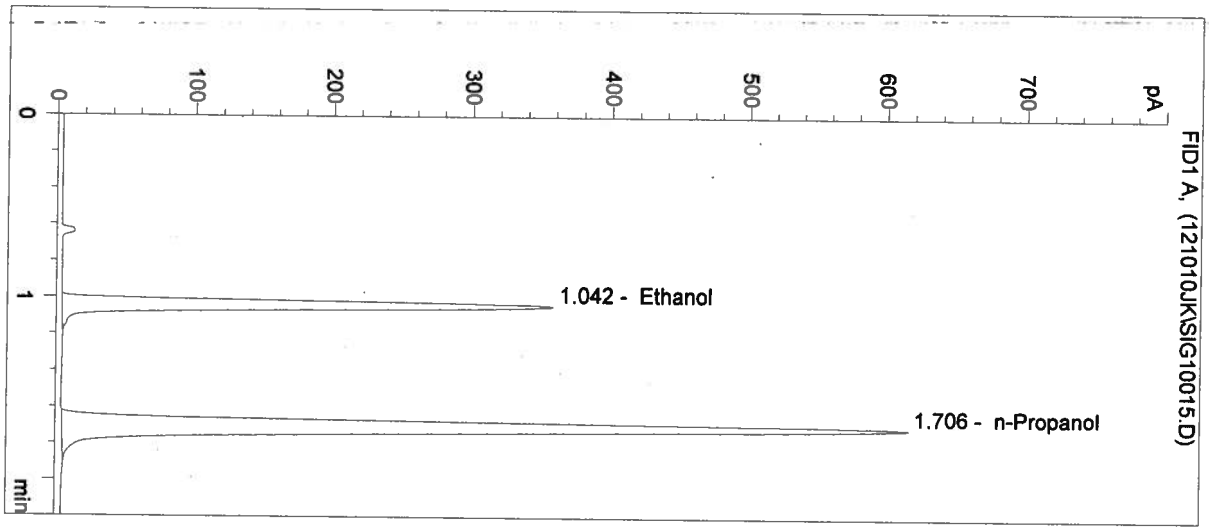
Data File: C:\HPCHEM\1\DATA\121010JK\SIG10014.D

JK

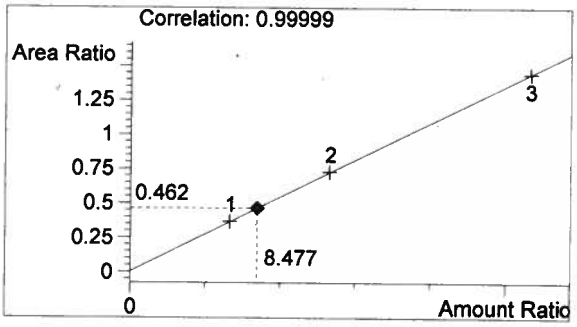
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:39:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

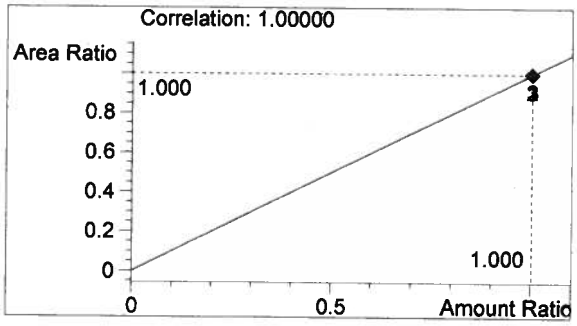
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.042
2	n-Propanol	2419	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12045

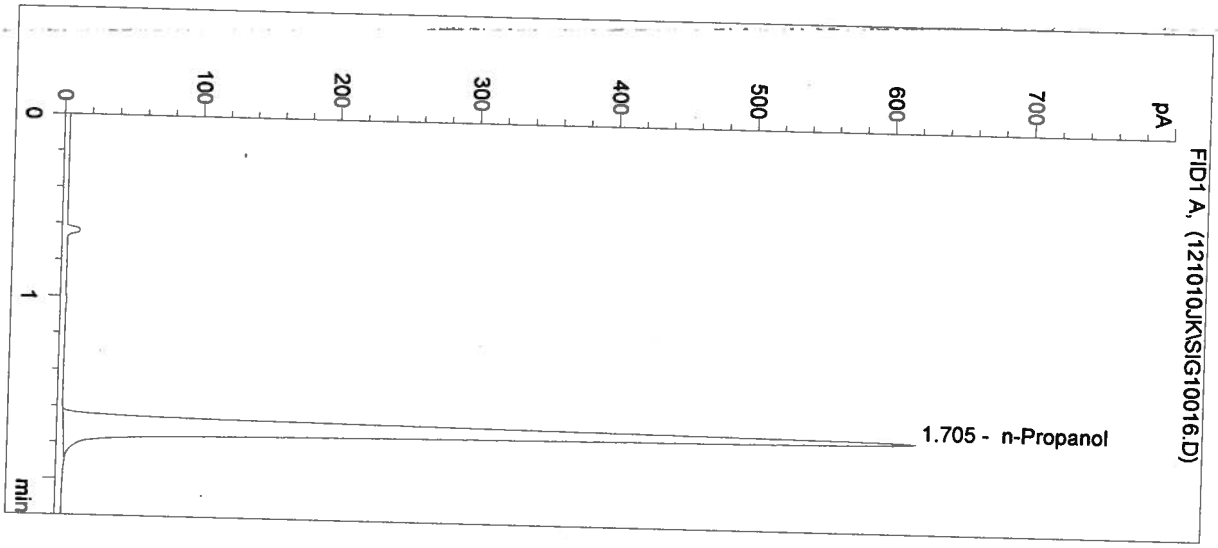
JK

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10015.D

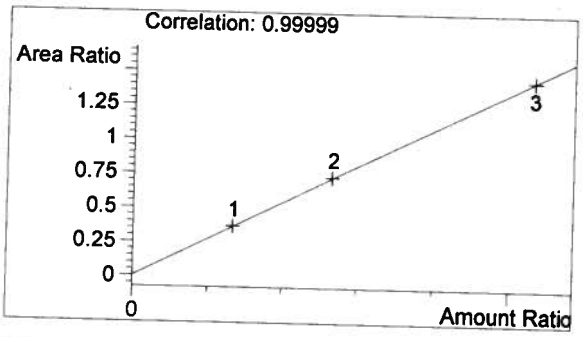
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 11:42:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

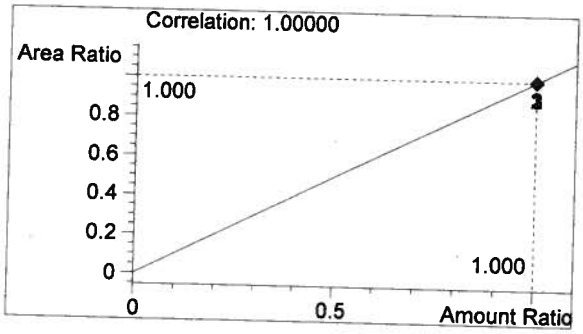
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2435	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121010JK\SIG10016.D

JK

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\1\DATA\
Data Subdirectory:	121010AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0912-01 exp 03/06/2013
cal 2 e0912-02 exp 03/06/2013
cal 3 e0912-03 exp 03/06/2013
0.04 control lot# a077459 exp 02/2015
0.10 control lot# a083355 exp 12/2015
0.20 control lot# a084657 exp 02/2016
istd p0812 exp 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045 #1	SIMALC1	1	Sample		
11	Vial 11	12045 #2	SIMALC1	1	Sample		
12	Vial 12	12045 #3	SIMALC1	1	Sample		
13	Vial 13	12045 #4	SIMALC1	1	Sample		
14	Vial 14	12045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

12045

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC1	3	Replace	Replace	

AL
2012OCT11

Sequence: C:\HPCHEM\1\SEQUENCE\AL-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

12045

BATCH 12045

AL

2012OCT 11

Calibration Table

Calib. Data Modified : Wednesday, October 10, 2012 2:40:12 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
1.042	1	1	7.98400e-2	873.30719	9.14226e-5	1		Ethanol
		2	1.59780e-1	1793.61084	8.90829e-5			
		3	3.19310e-1	3667.27856	8.70700e-5			
1.706	1	1	1.20000e-2	2368.88403	5.06568e-6	I1		n-Propanol
		2	1.20000e-2	2445.83301	4.90630e-6			
		3	1.20000e-2	2501.39380	4.79733e-6			

Peak Sum Table

12045

No Entries in table

BATCH 12045

AK
20120CT11

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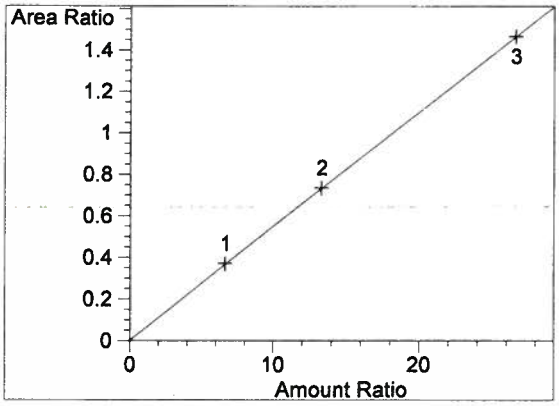
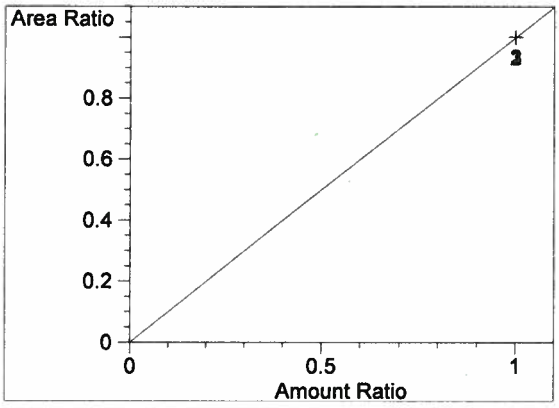
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00128
Formula: y = mx + b
m: 5.50693e-2
b: 7.73404e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
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

==========

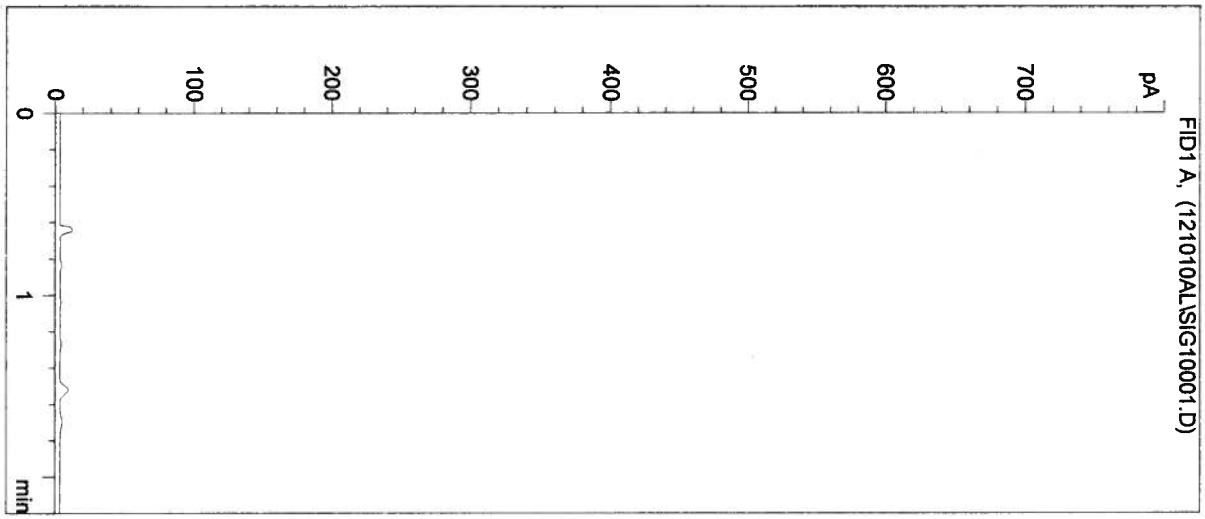
12045

BATCH 12045
AL 20:20CT 11

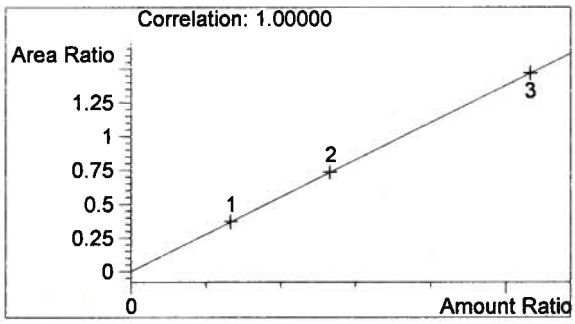
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:28:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

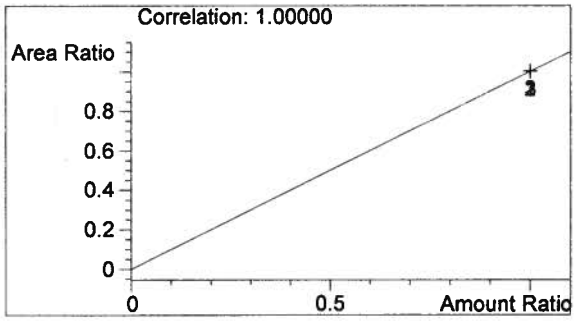
Sample Name: blank
Operator: asa louis
Location: Vial 1



#	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

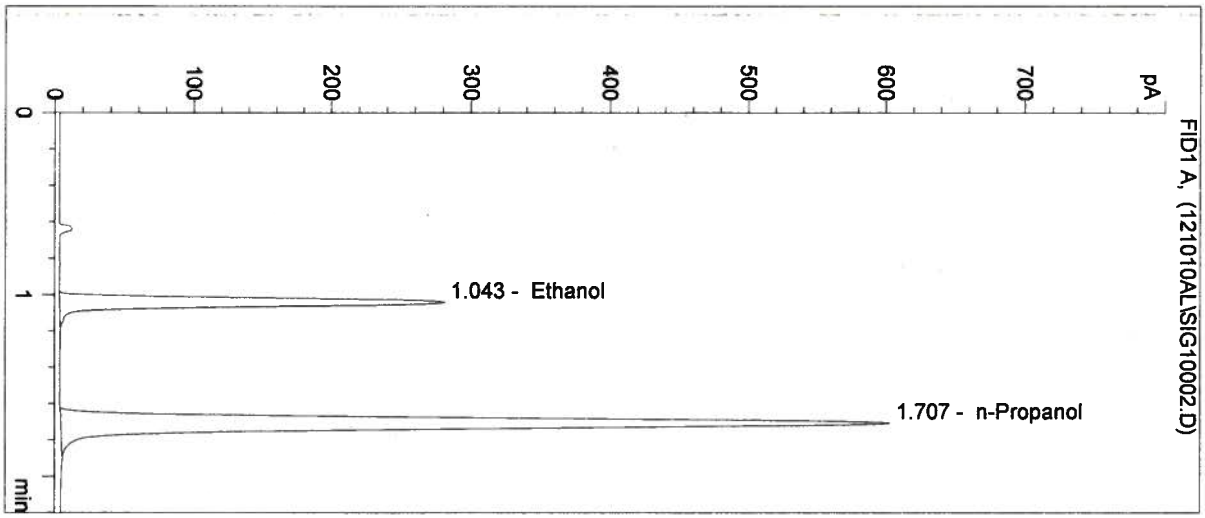
12045

BATCH 12045
AL 2012OCT11

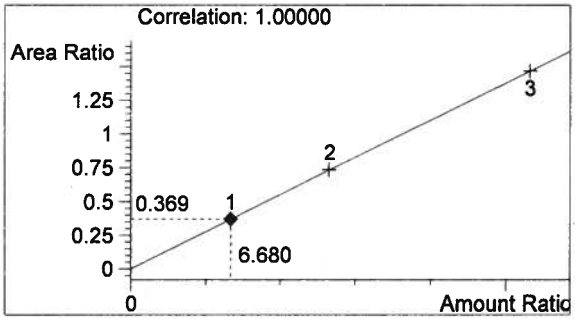
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:31:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

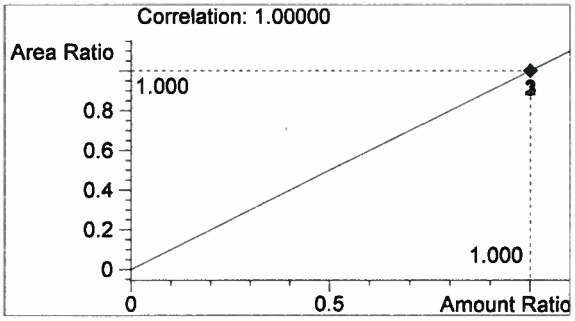
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	873	1.043
2	n-Propanol	2369	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12045

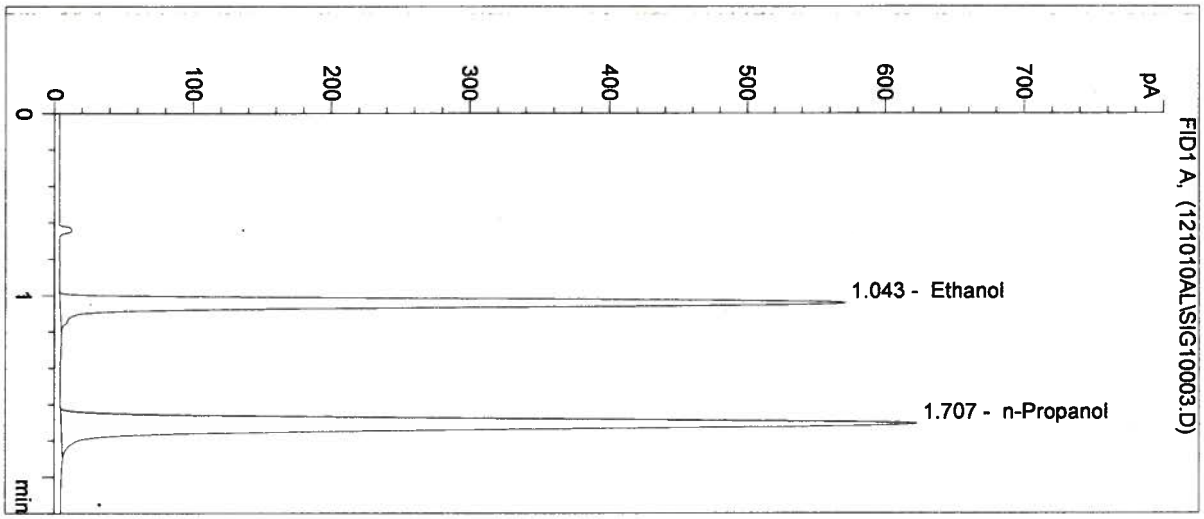
BATCH 12045
AL 2012OCT11

Data File: C:\HPCHEM\1\DATA\121010AL\SIG10002.D

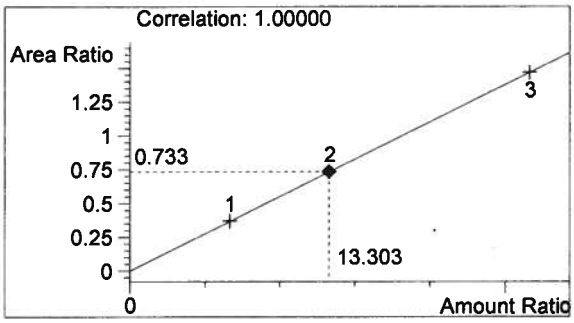
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:34:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

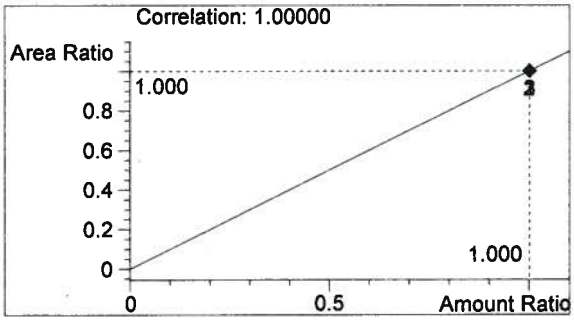
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1794	1.043
2	n-Propanol	2446	1.707



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

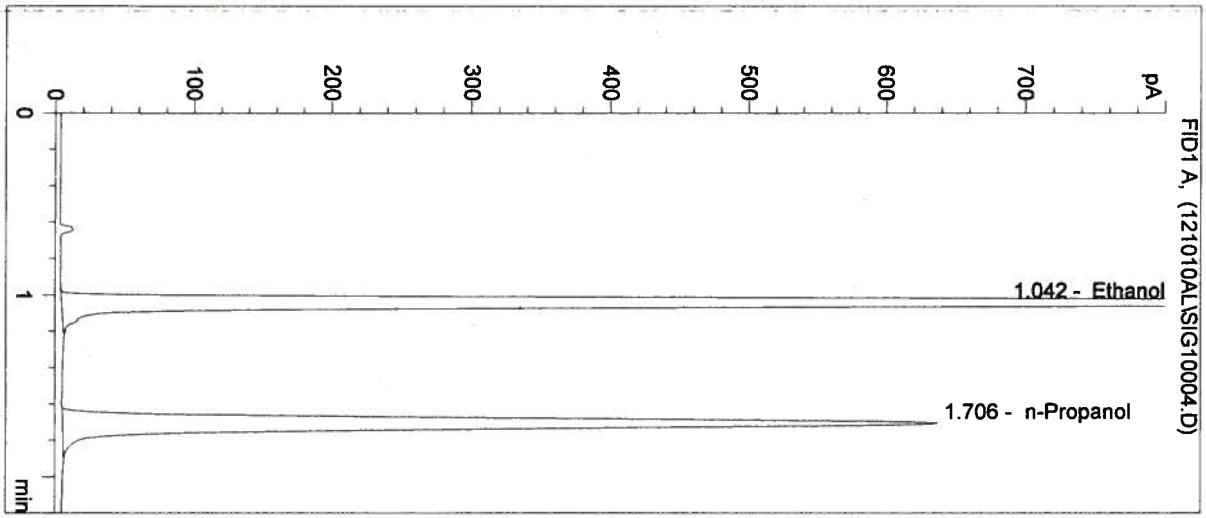
12045

BATCH 12045
AL 2012OCT11

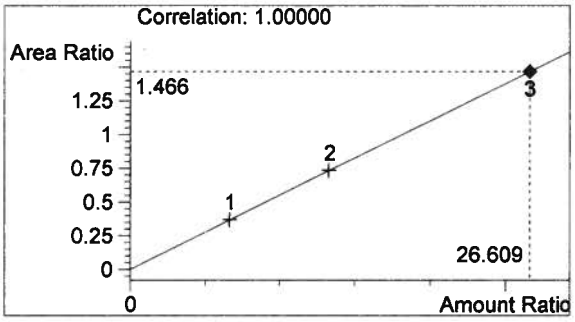
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:37:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

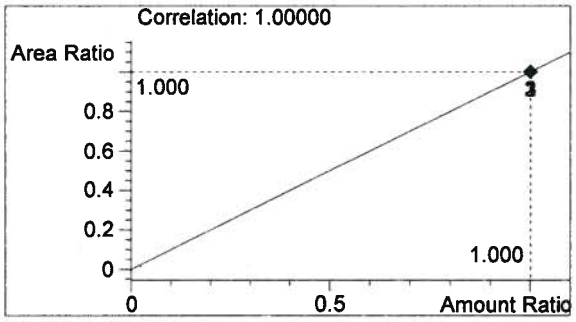
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3667	1.042
2	n-Propanol	2501	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12045

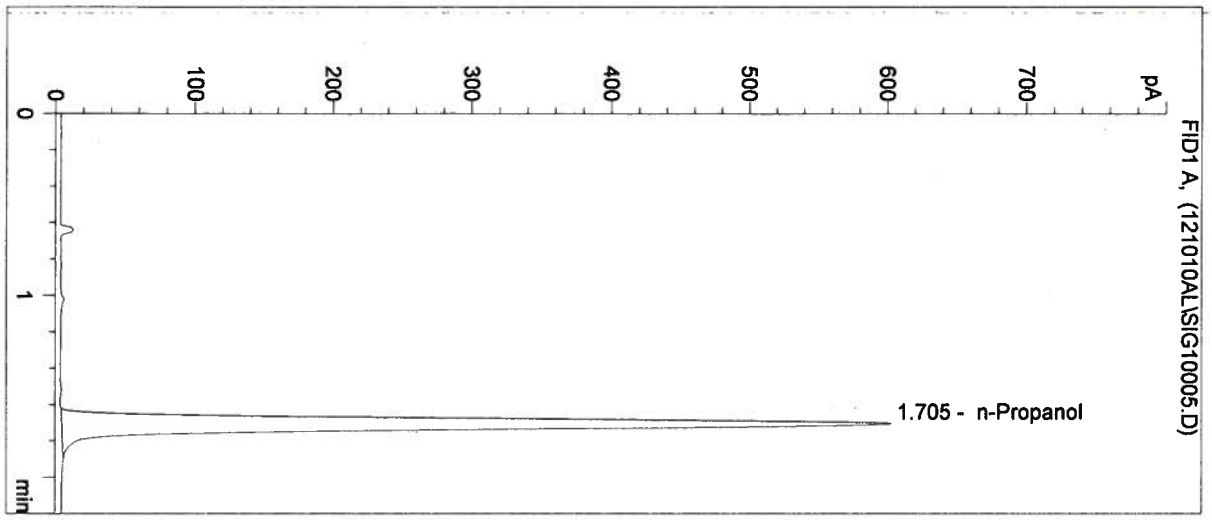
BATCH 12045
AL 20120CT 11

Data File: C:\HPCHEM\1\DATA\121010AL\SIG10004.D

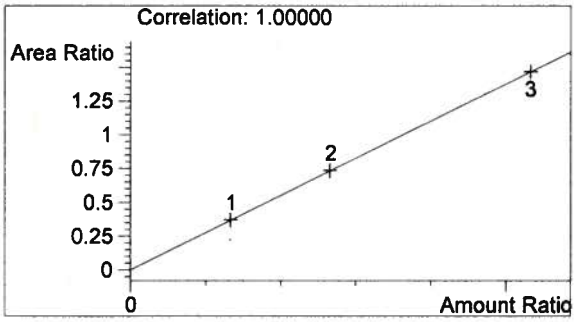
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:41:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

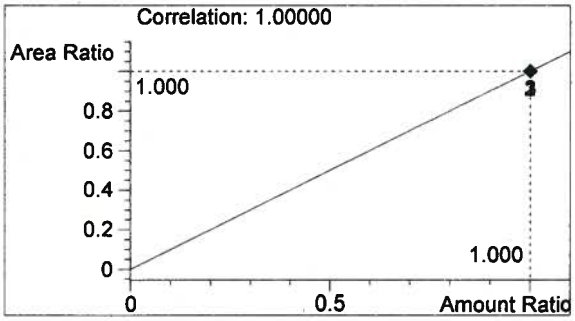
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2373	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

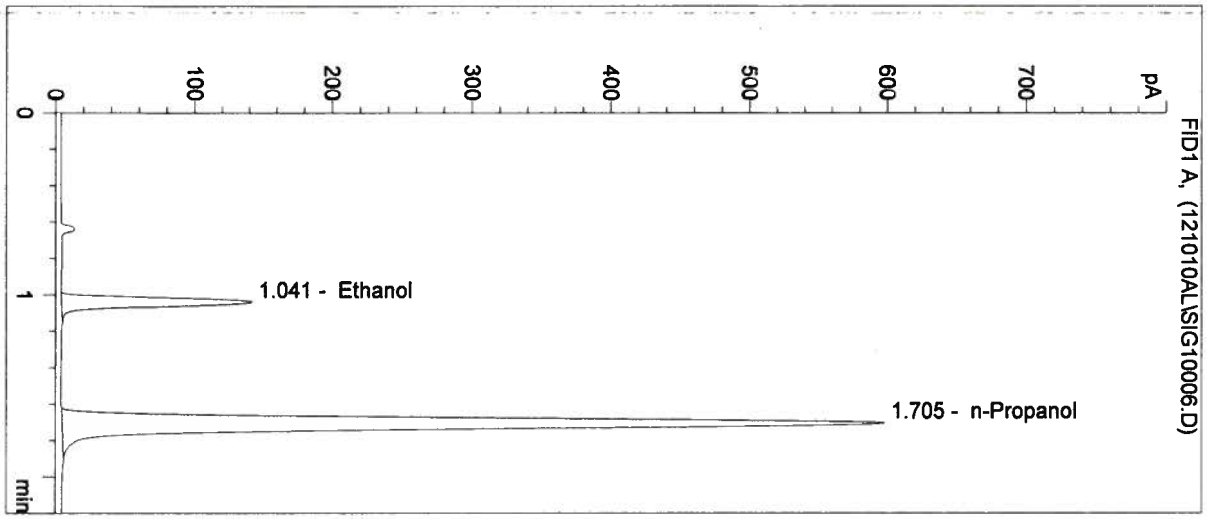
12045

BATCH 12045
DL 2012OCT11

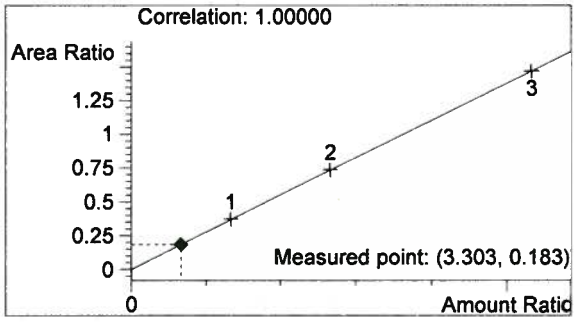
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:44:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

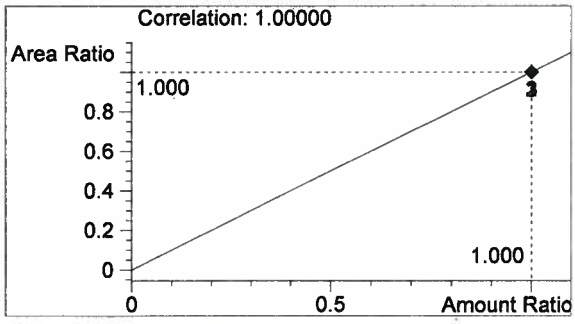
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.041
2	n-Propanol	2350	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

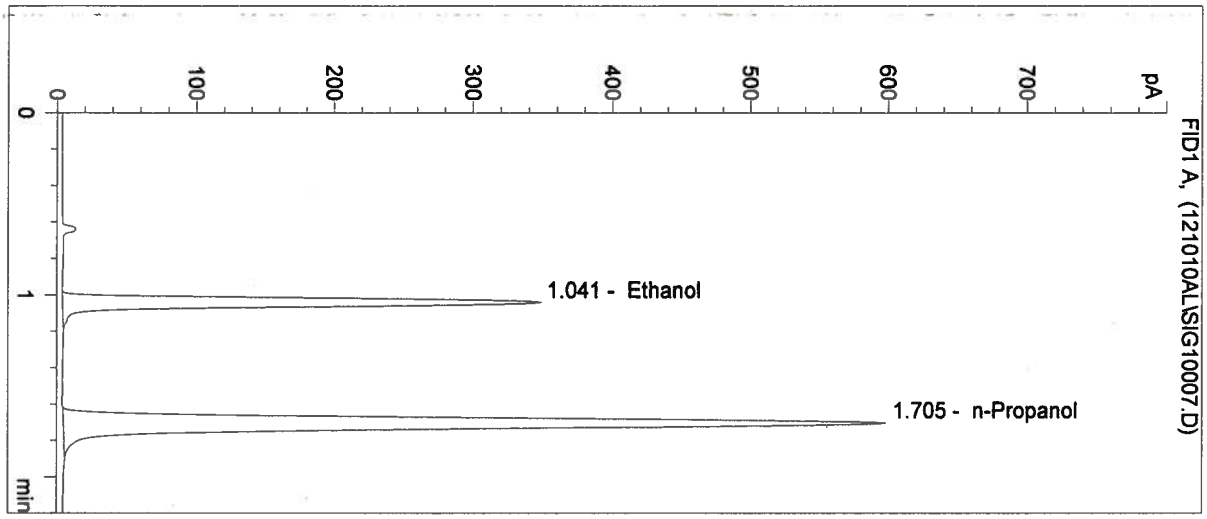
12045

BATCH 12045
AL 20120CT11

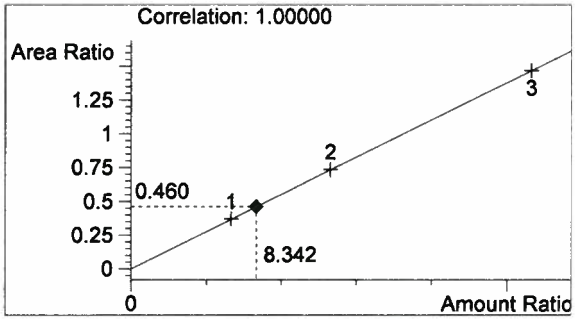
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:47:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

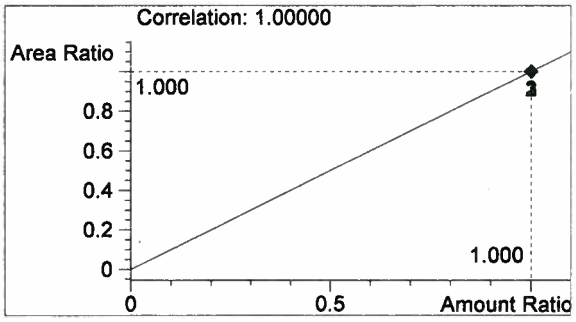
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1083	1.041
2	n-Propanol	2353	1.705



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

12045

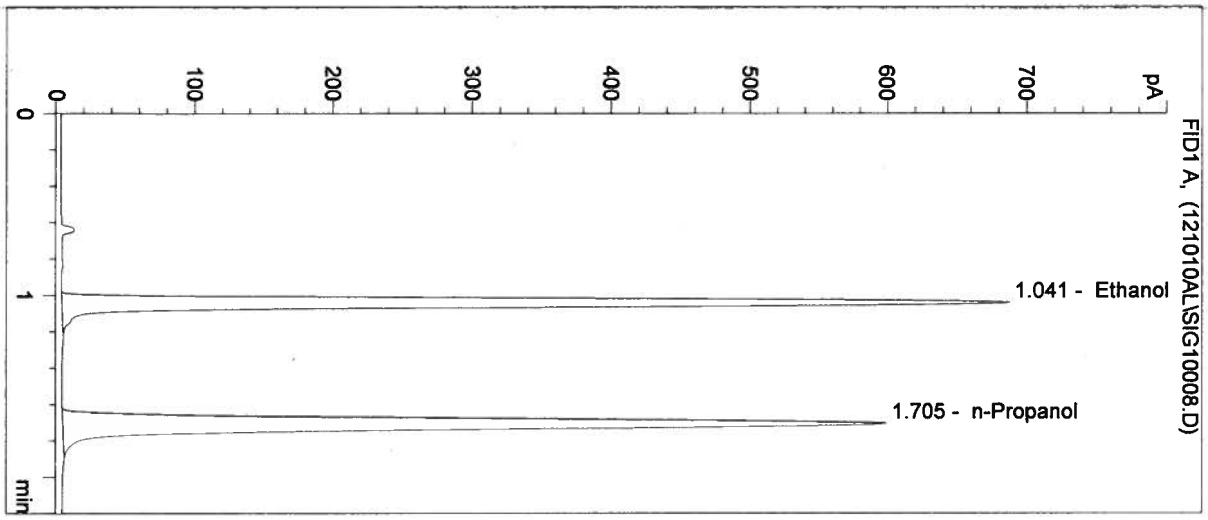
BATCH 12045
AL 20120CT11

Data File: C:\HPCHEM\1\DATA\121010AL\SIG10007.D

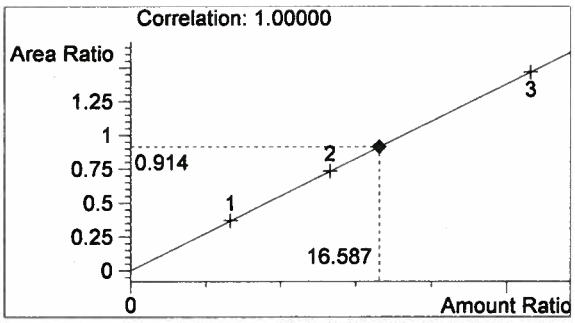
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:50:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

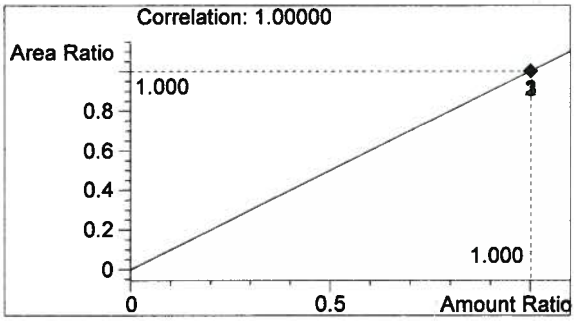
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2148	1.041
2	n-Propanol	2349	1.705



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

12045

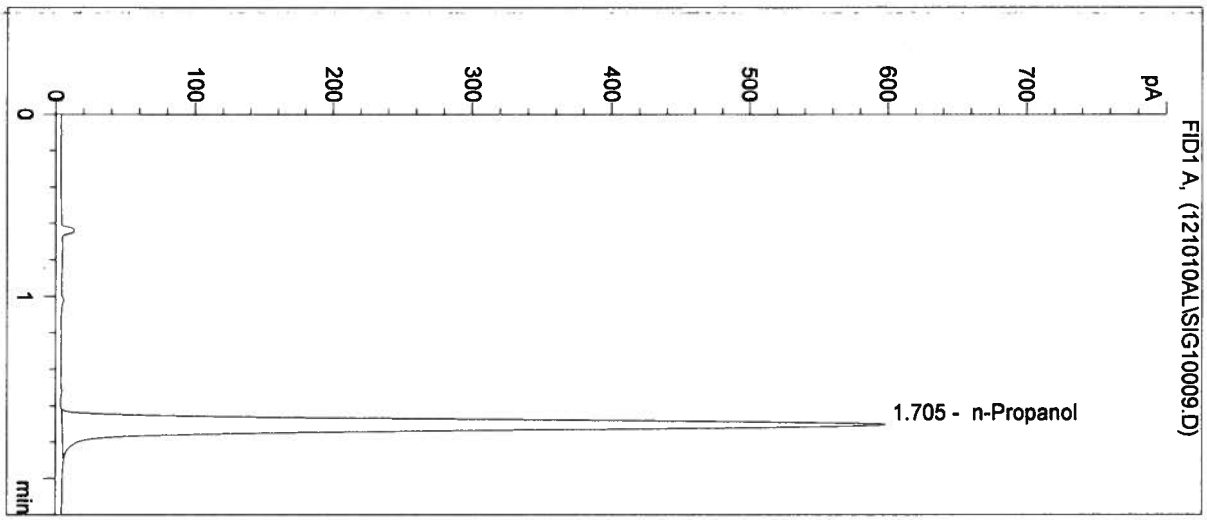
BATCH 12045

AL 2012 OCT 11

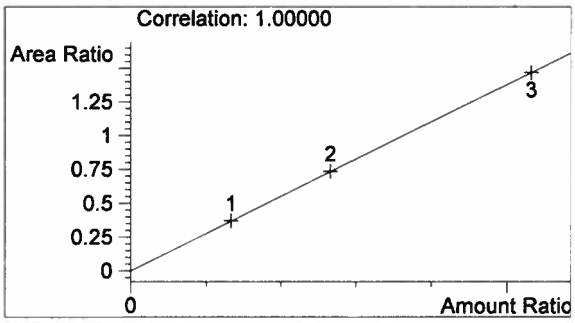
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:53:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

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

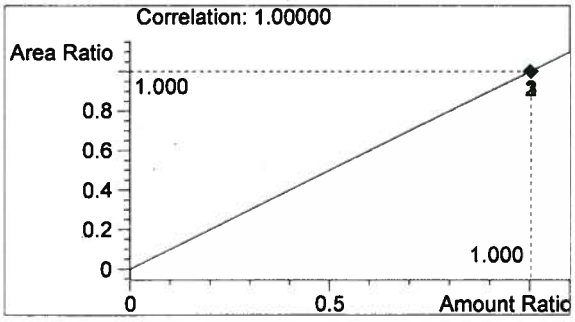


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2353	1.705



Ethanol 0.000 g/100mL

12045



n-Propanol 0.012 g/100mL

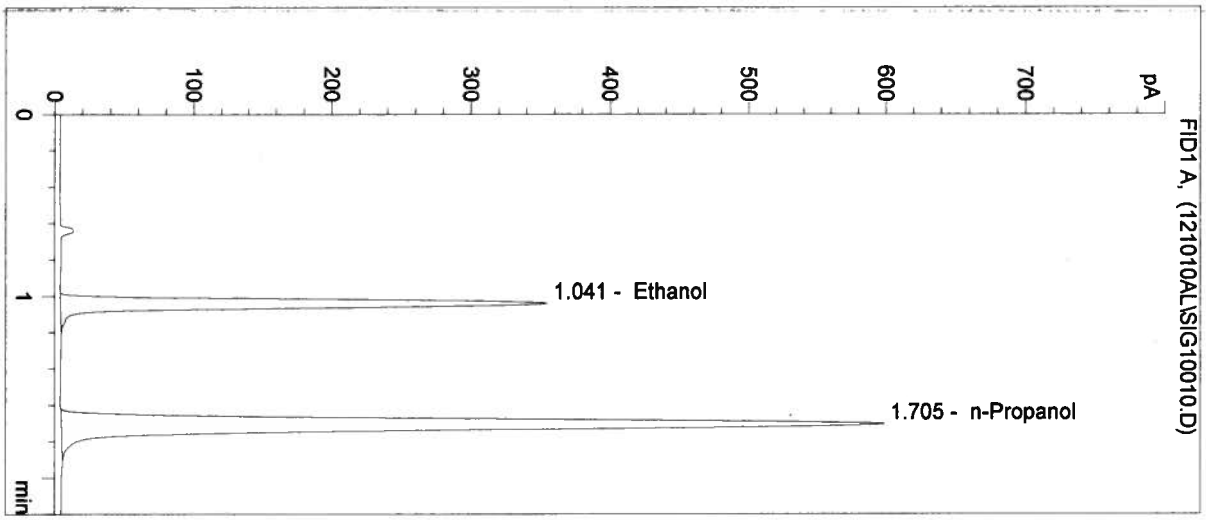
BATCH 12045

AL 2012 OCT 11

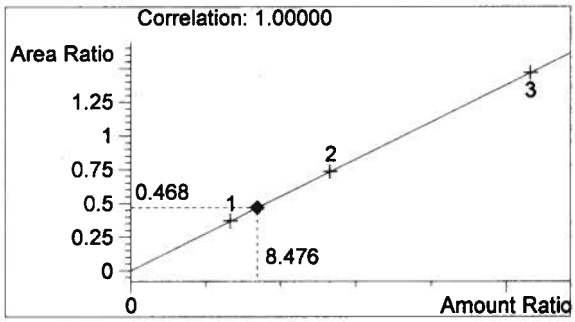
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:56:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

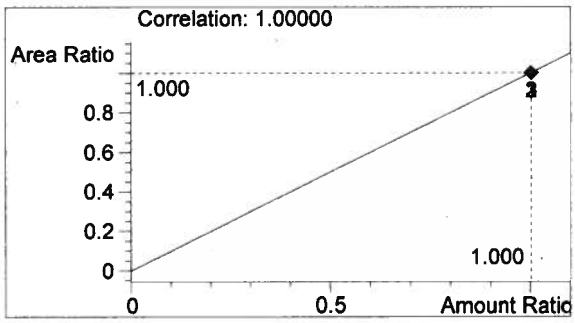
Sample Name: 12045 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1097	1.041
2	n-Propanol	2347	1.705



Ethanol 0.102 g/100mL



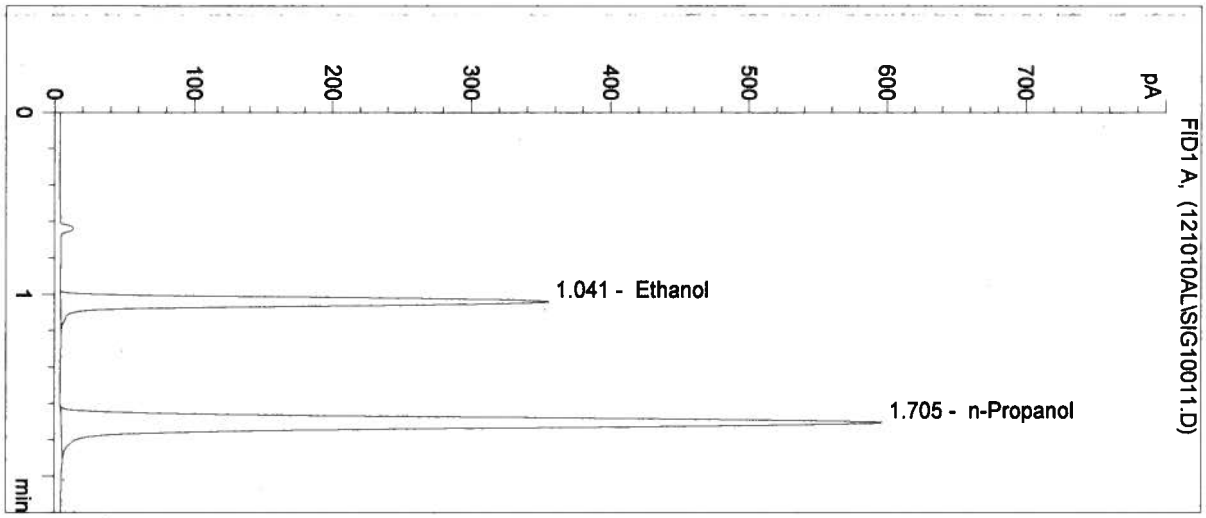
n-Propanol 0.012 g/100mL

A
2012OCT 11

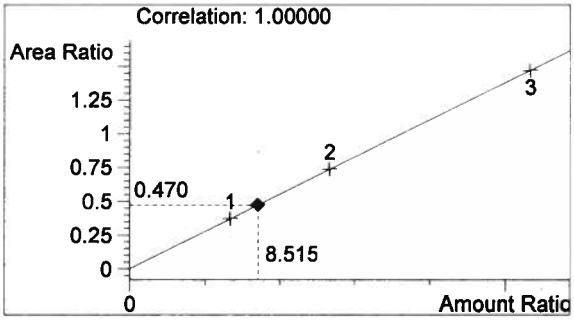
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 2:59:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

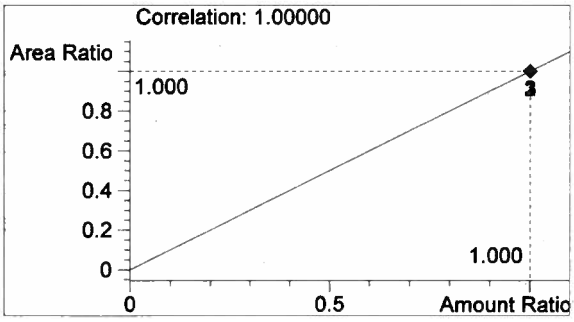
Sample Name: 12045 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.041
2	n-Propanol	2348	1.705



Ethanol 0.102 g/100mL



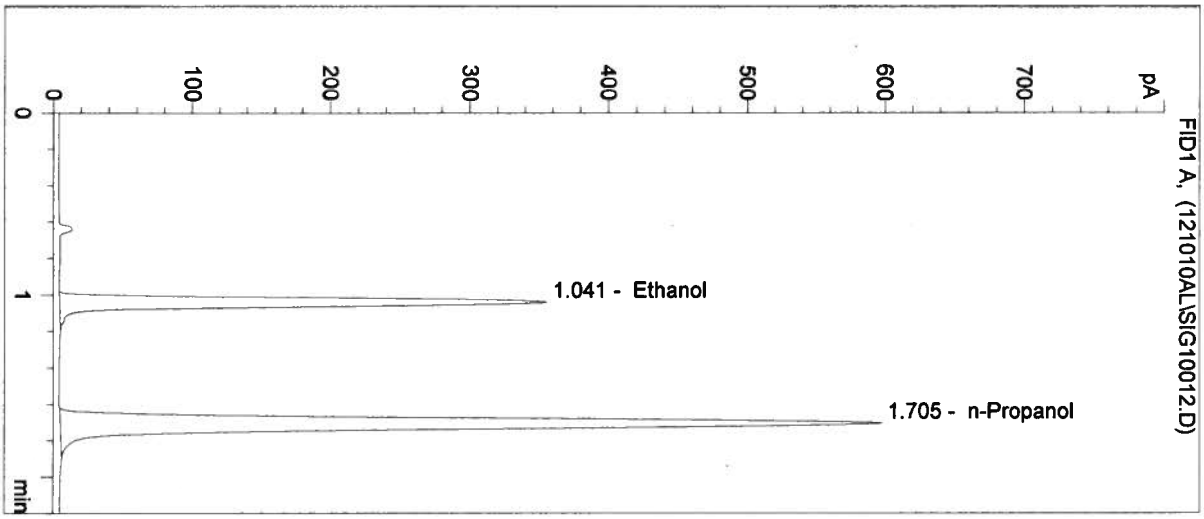
n-Propanol 0.012 g/100mL

A
2012 OCT 11

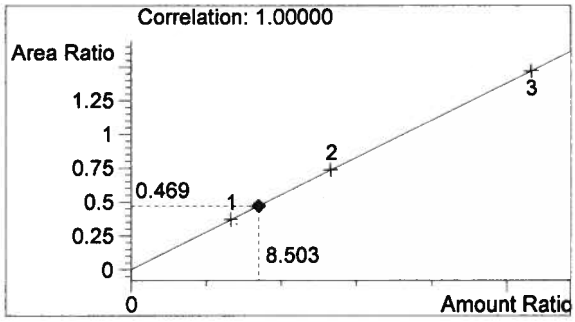
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 3:02:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

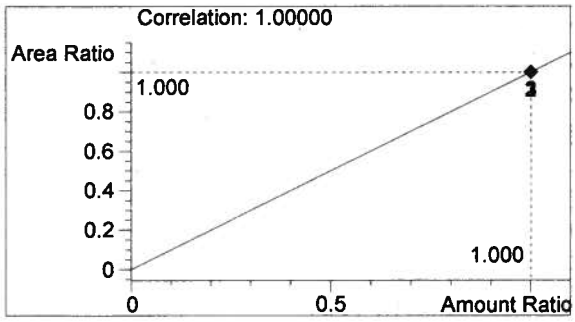
Sample Name: 12045 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.041
2	n-Propanol	2351	1.705



Ethanol 0.102 g/100mL



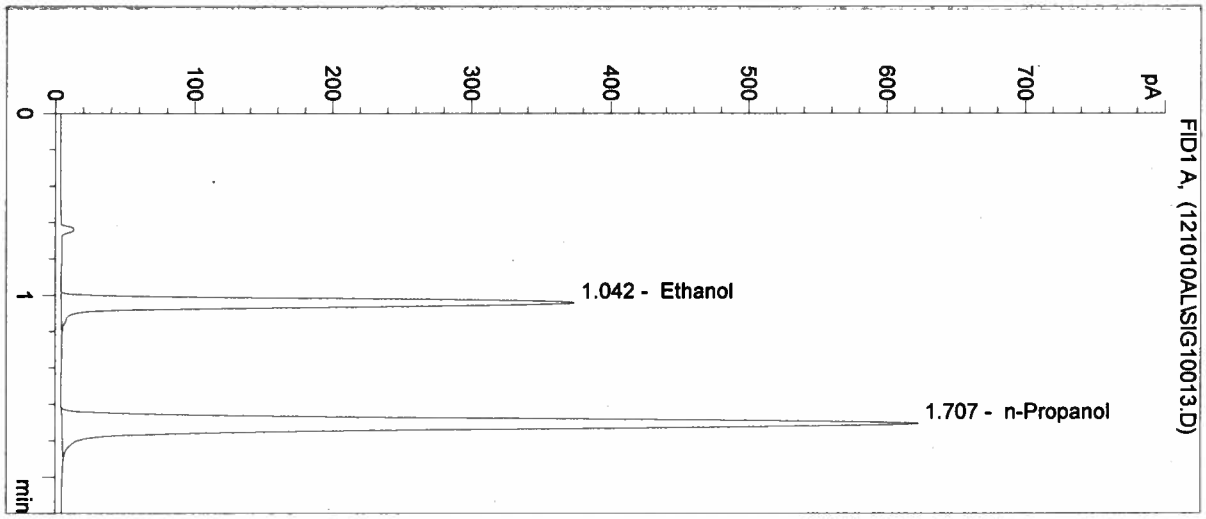
n-Propanol 0.012 g/100mL

A
22 OCT 11

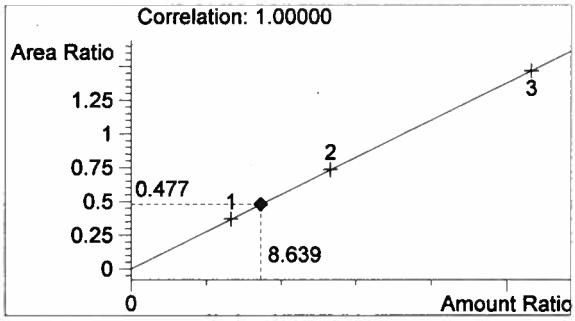
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 3:05:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

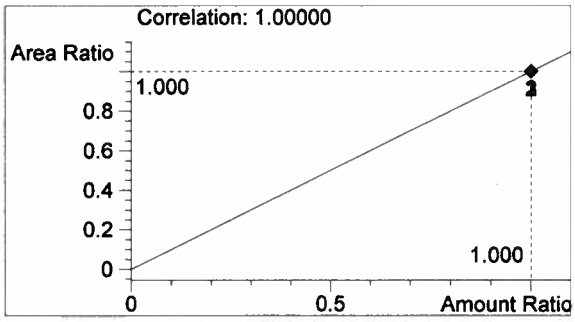
Sample Name: 12045 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1164	1.042
2	n-Propanol	2444	1.707



Ethanol 0.104 g/100mL



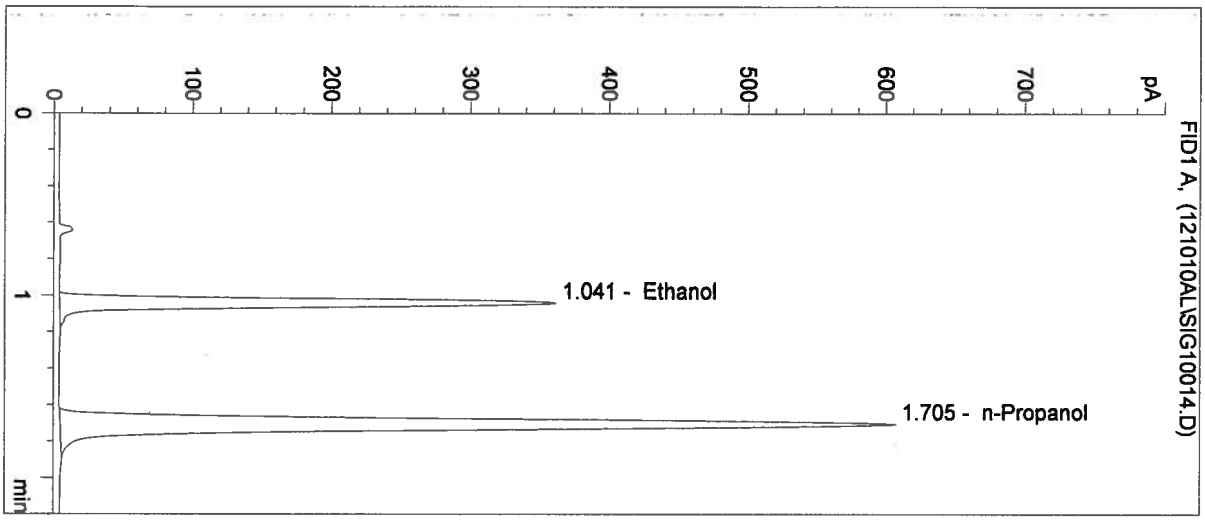
n-Propanol 0.012 g/100mL

2012 OCT 11

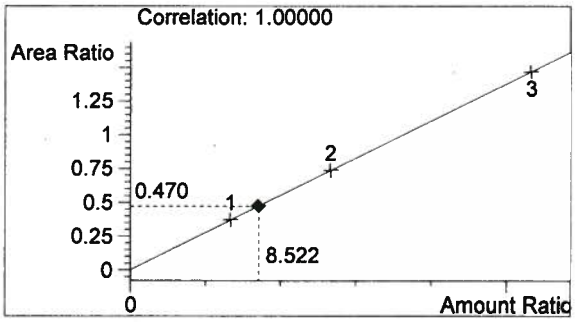
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 3:08:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

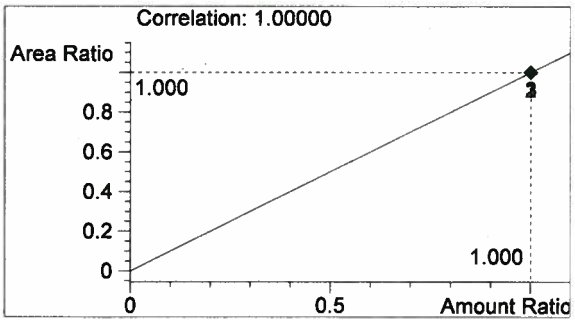
Sample Name: 12045 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.041
2	n-Propanol	2390	1.705



Ethanol 0.102 g/100mL



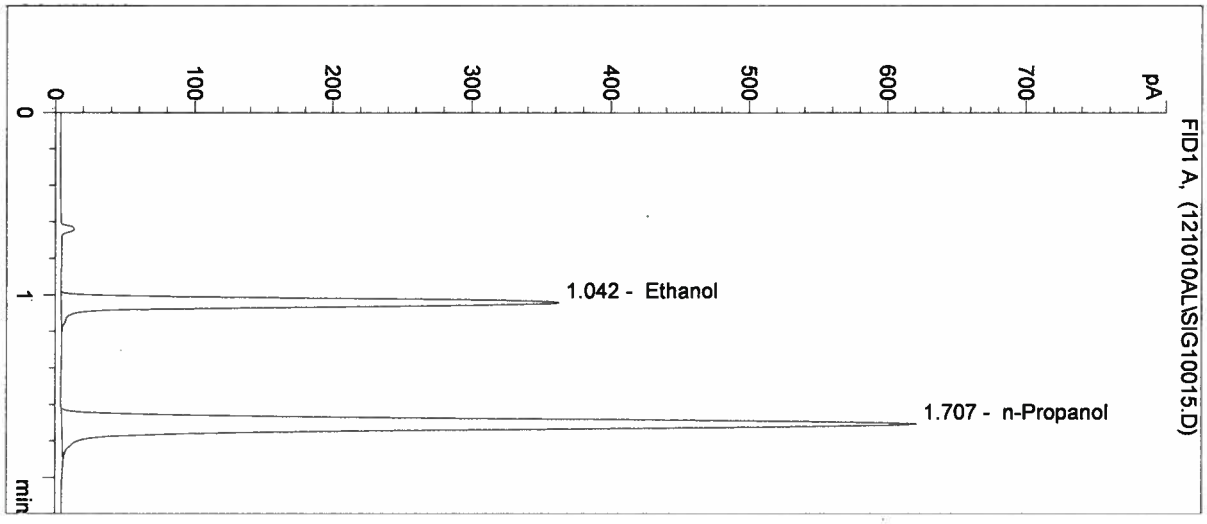
n-Propanol 0.012 g/100mL

BATCH 12045
AL 2012 OCT 11

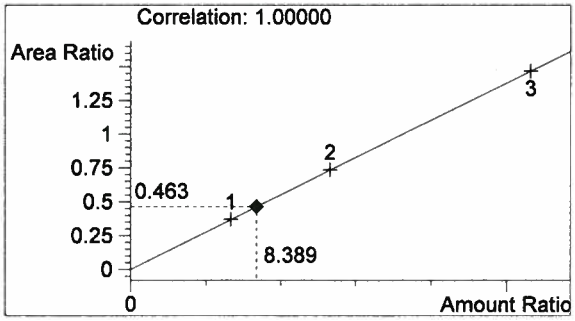
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 3:11:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

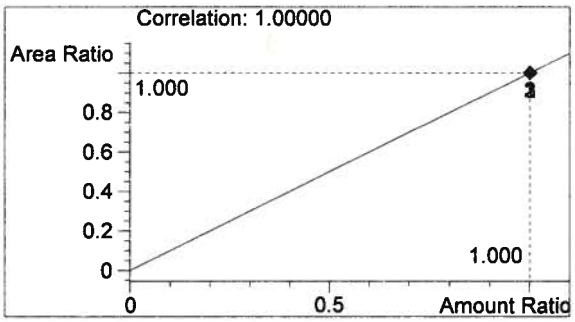
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.042
2	n-Propanol	2445	1.707



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

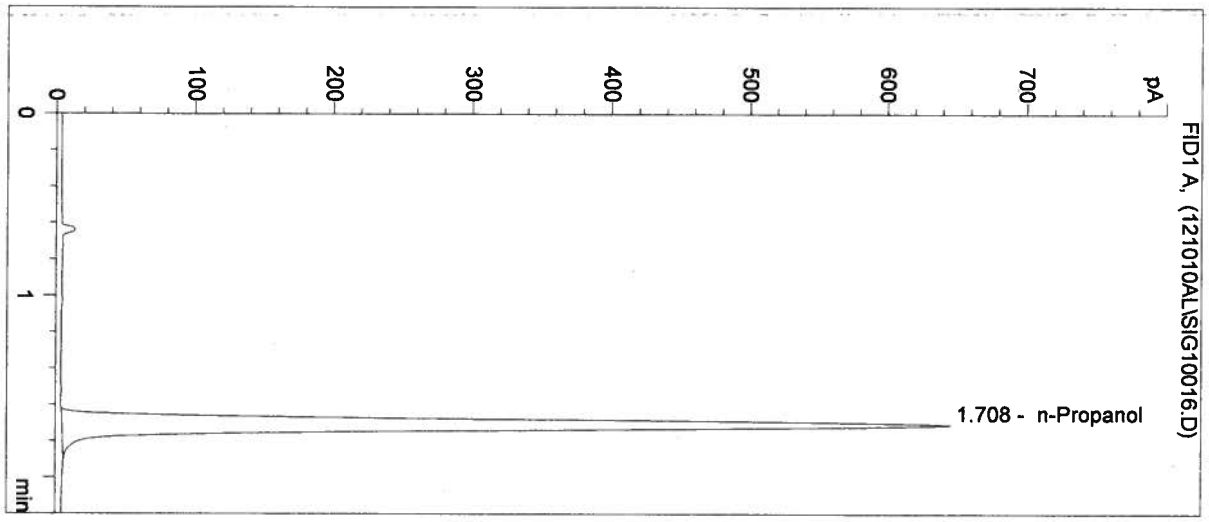
12045

BATCH 12045
AL 2012 OCT 11

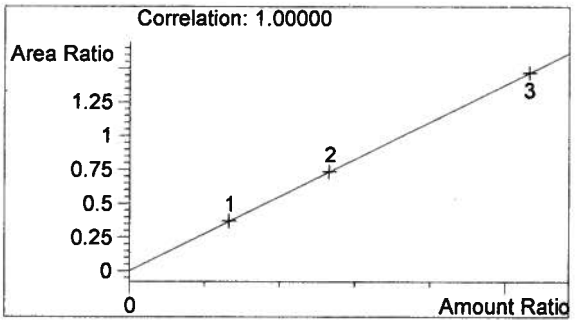
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/10/2012 3:14:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

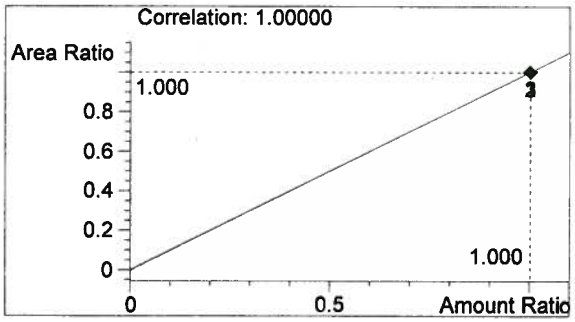
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2541	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

Z, ATCH 12045
AL 2012 OCT 11

Data File: C:\HPCHEM\1\DATA\121010AL\SIG10016.D

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121011BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A084657 exp 02/2016
Internal Standard Lot#P0812 exp 11/15/12

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E0912-01 (0.079 g/100mL)
3	Vial 3	E0912-02 (0.158 g/100mL)
4	Vial 4	E0912-03 (0.316 g/100mL)
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

12045

BP

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045 #1	SIMALC1	1	Sample		
11	Vial 11	12045 #2	SIMALC1	1	Sample		
12	Vial 12	12045 #3	SIMALC1	1	Sample		
13	Vial 13	12045 #4	SIMALC1	1	Sample		
14	Vial 14	12045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12045

BP

Calibration Table

Calib. Data Modified : Thursday, October 11, 2012 1:53:31 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
1.042	1	1	7.98400e-2	994.66779	8.02680e-5	1		Ethanol
		2	1.59780e-1	1734.91248	9.20969e-5			
		3	3.19310e-1	3386.66357	9.42845e-5			
1.706	1	1	1.20000e-2	2645.89575	4.53533e-6	I1		n-Propanol
		2	1.20000e-2	2378.73145	5.04471e-6			
		3	1.20000e-2	2350.97827	5.10426e-6			

Peak Sum Table

No Entries in table

12045

BP

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Calibration Curves

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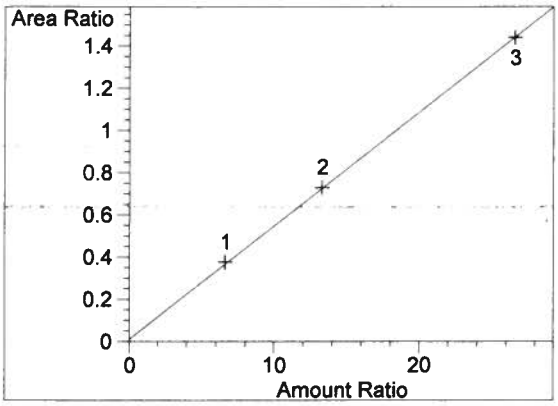
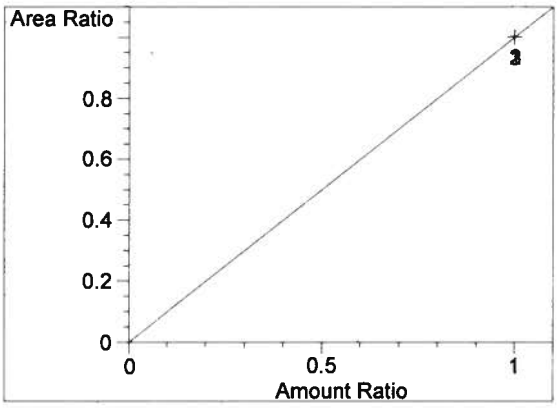


Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00901
Formula: y = mx + b
m: 5.39706e-2
b: 7.99733e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
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

==========

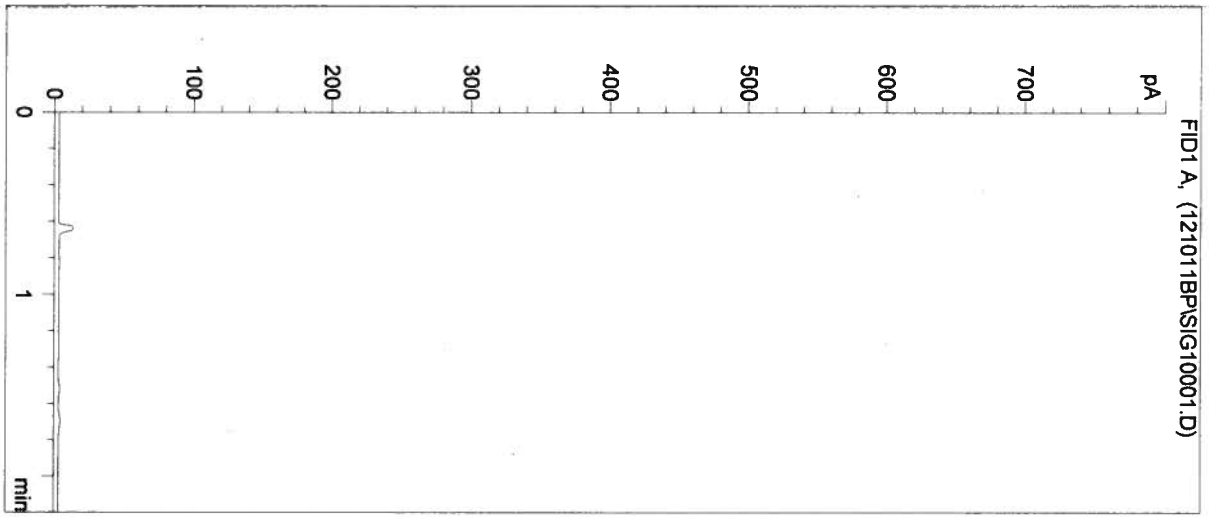
12045

BP

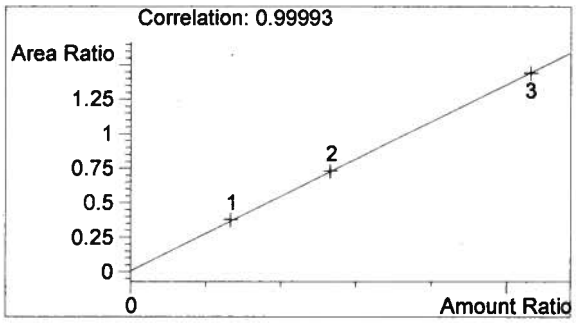
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:42:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

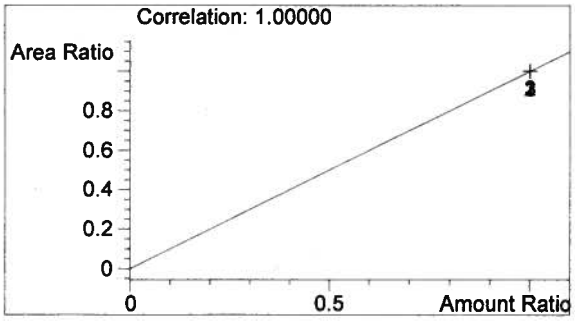
Sample Name: Blank
Operator: Brianna Peterson
Location: Vial 1



#	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

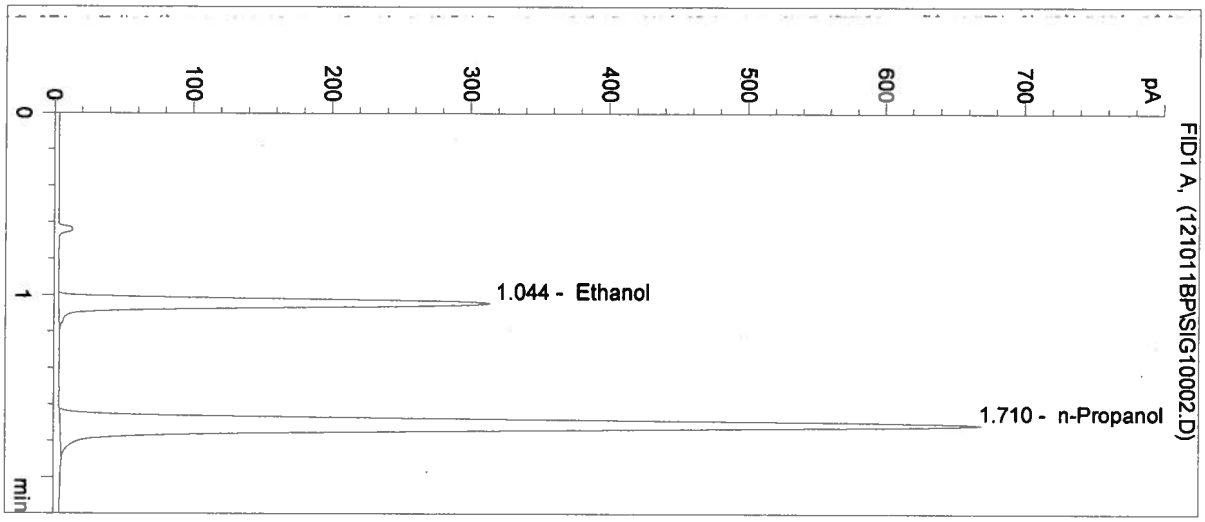
12045

BC

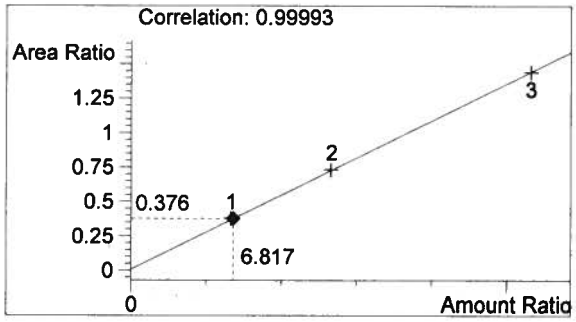
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:45:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-01 (0.079 g/100mL)

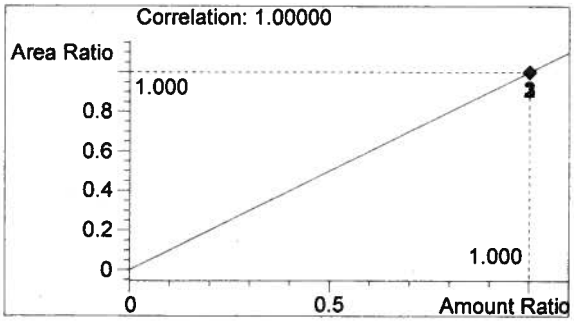
Sample Name: 0.079 CAL 1
Operator: Brianna Peterson
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	995	1.044
2	n-Propanol	2646	1.710



Ethanol 0.082 g/100mL



n-Propanol 0.012 g/100mL

12045

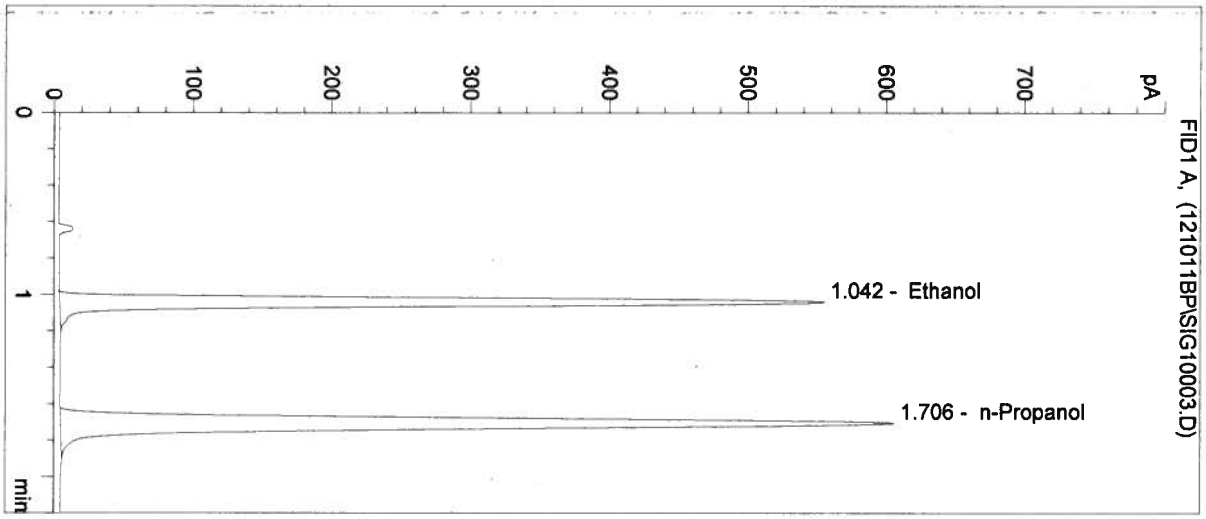
BP

Data File: C:\HPCHEM\1\DATA\121011BP\SIG10002.D

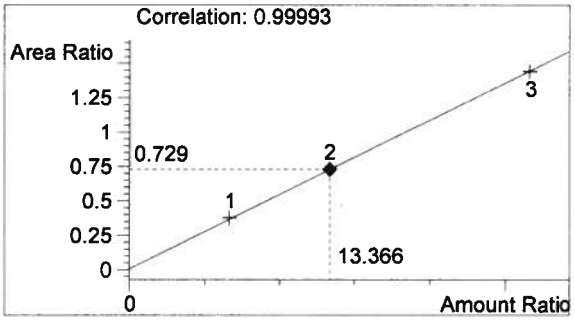
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:48:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-02 (0.158 g/100mL)

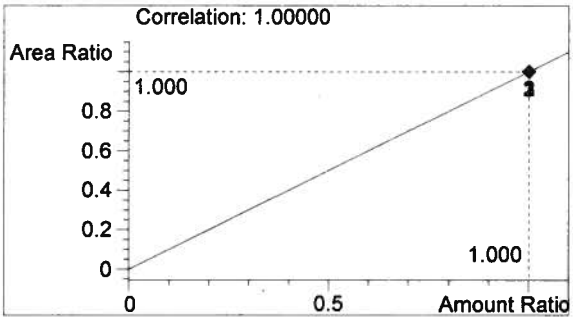
Sample Name: 0.158 CAL 2
Operator: Brianna Peterson
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1735	1.042
2	n-Propanol	2379	1.706



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

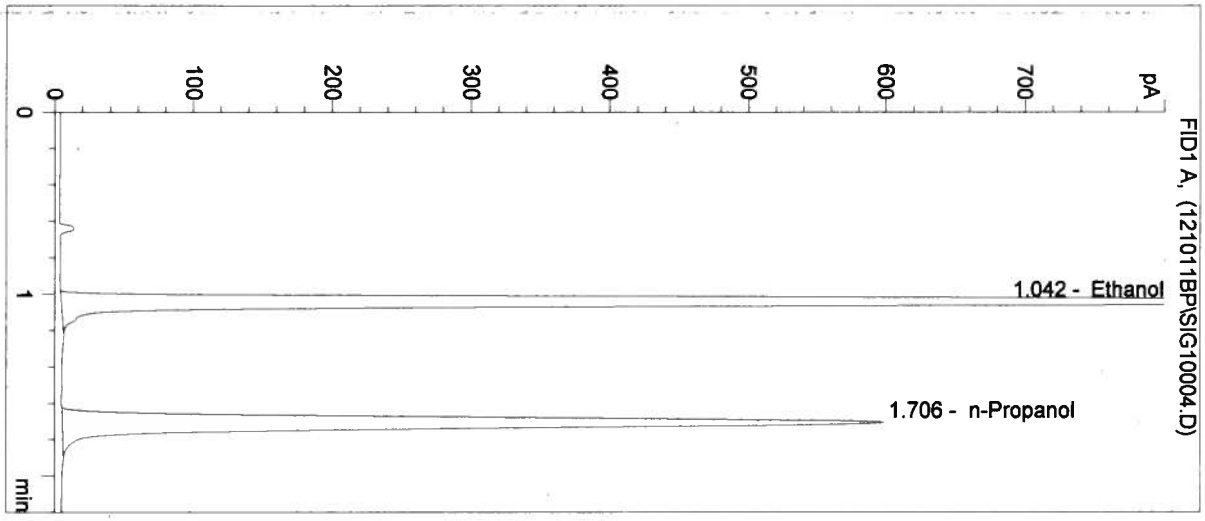
12045

BP

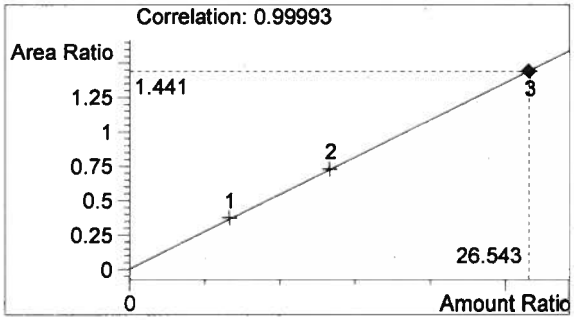
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:51:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0912-03 (0.316 g/100mL)

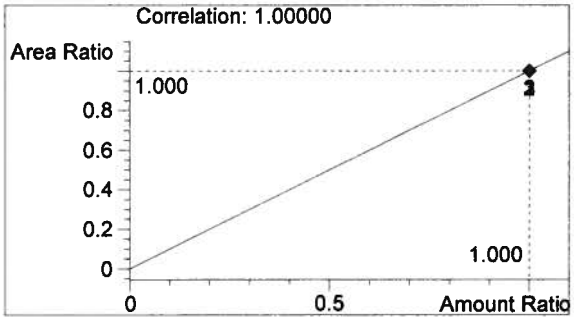
Sample Name: 0.316 CAL 3
Operator: Brianna Peterson
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3387	1.042
2	n-Propanol	2351	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

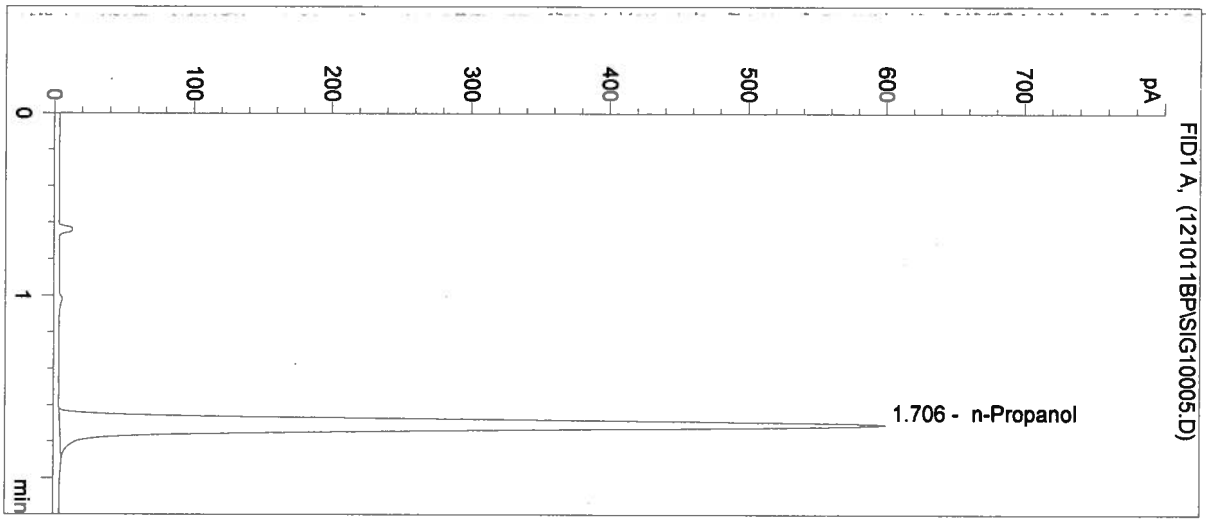
12045

BP

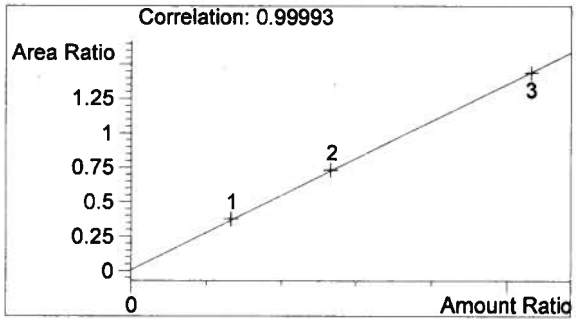
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:54:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

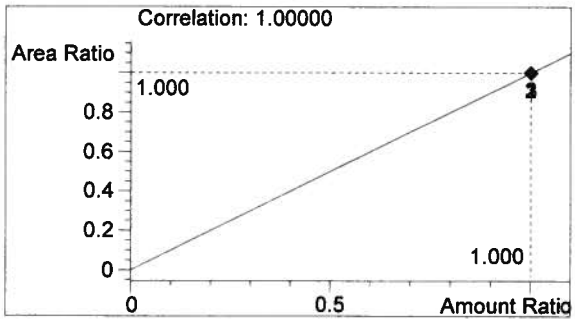
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2358	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

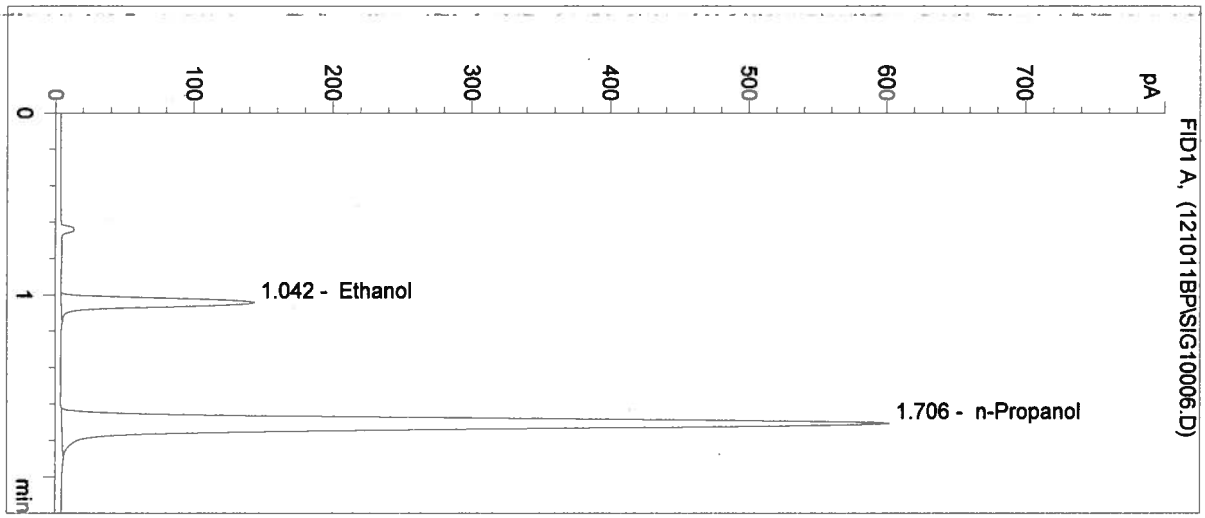
12045

BP

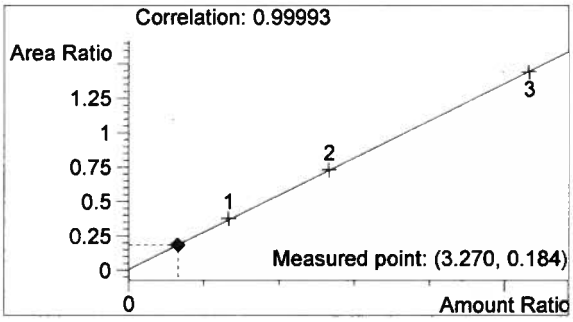
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 1:57:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

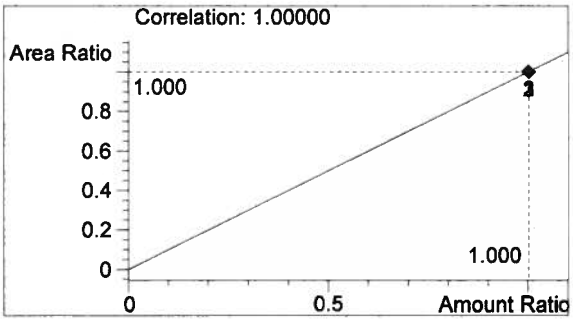
Sample Name: 0.04 CTRL - BP
Operator: Brianna Peterson
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	436	1.042
2	n-Propanol	2366	1.706



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

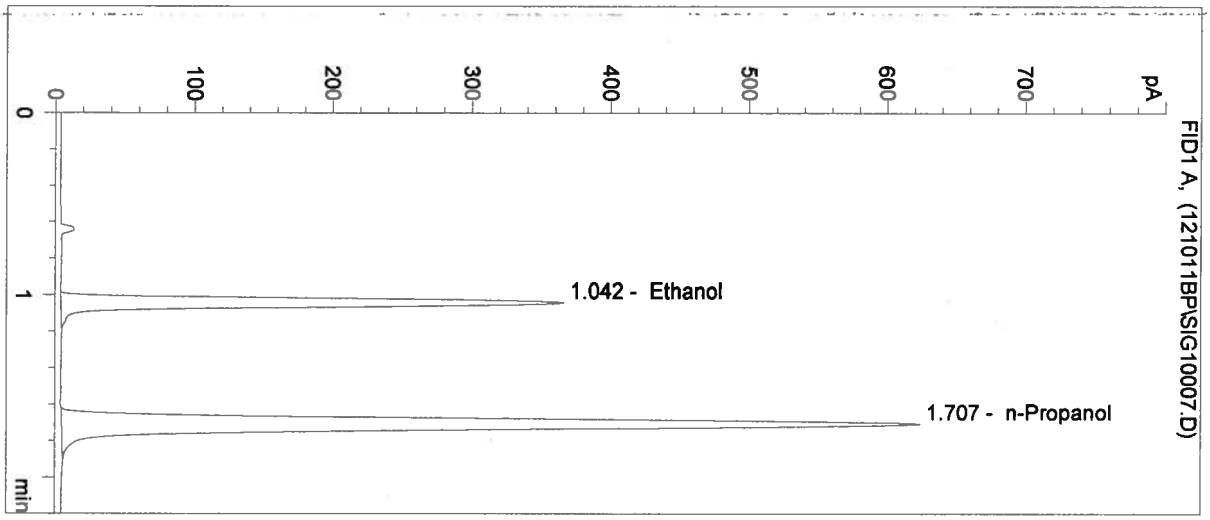
12045

BP

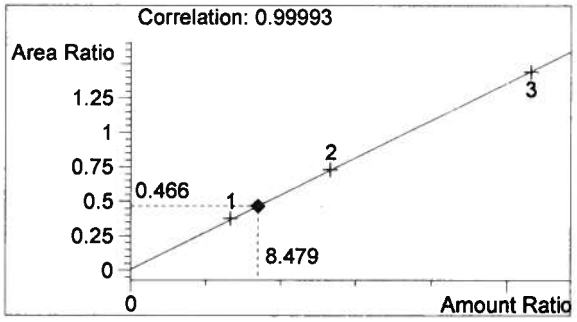
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:00:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

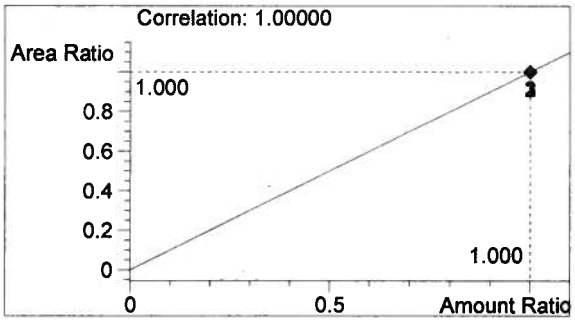
Sample Name: 0.10 CTRL - BP
Operator: Brianna Peterson
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1143	1.042
2	n-Propanol	2455	1.707



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

12045

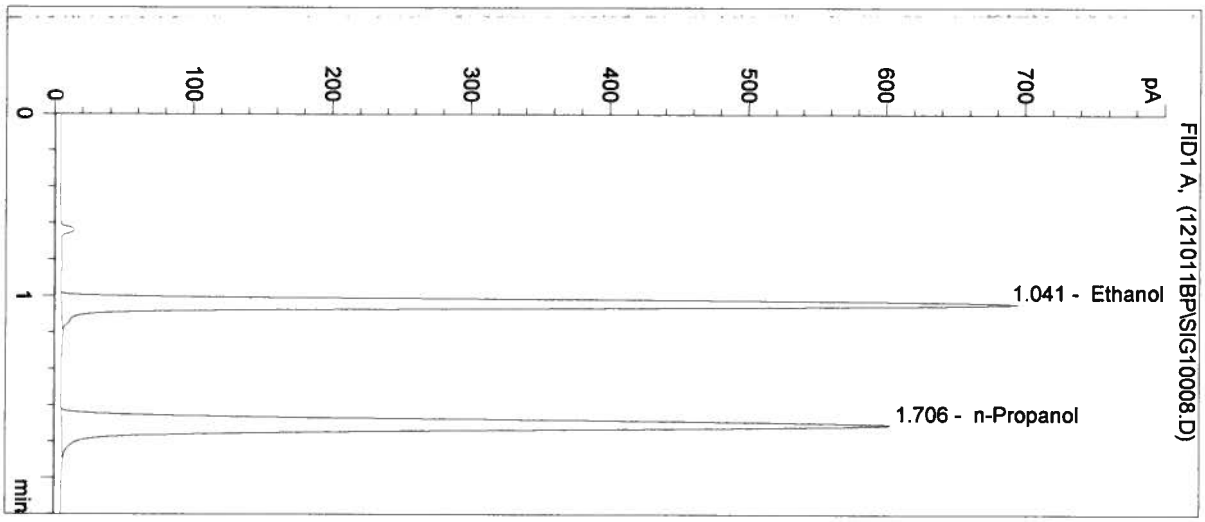
BP

Data File: C:\HPCHEM\1\DATA\121011BP\SIG10007.D

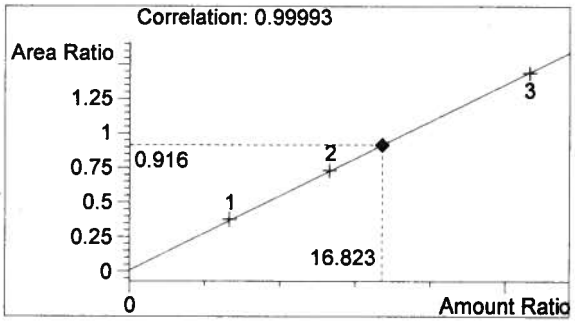
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:03:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

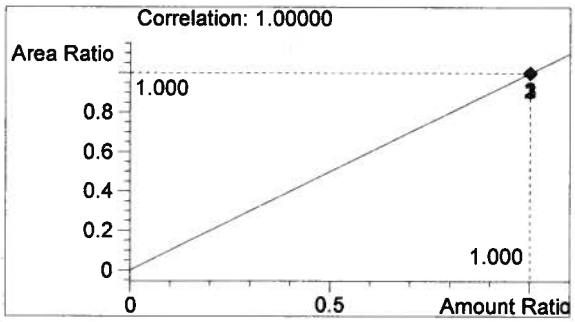
Sample Name: 0.20 CTRL - BP
Operator: Brianna Peterson
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2173	1.041
2	n-Propanol	2373	1.706



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

12045

BP

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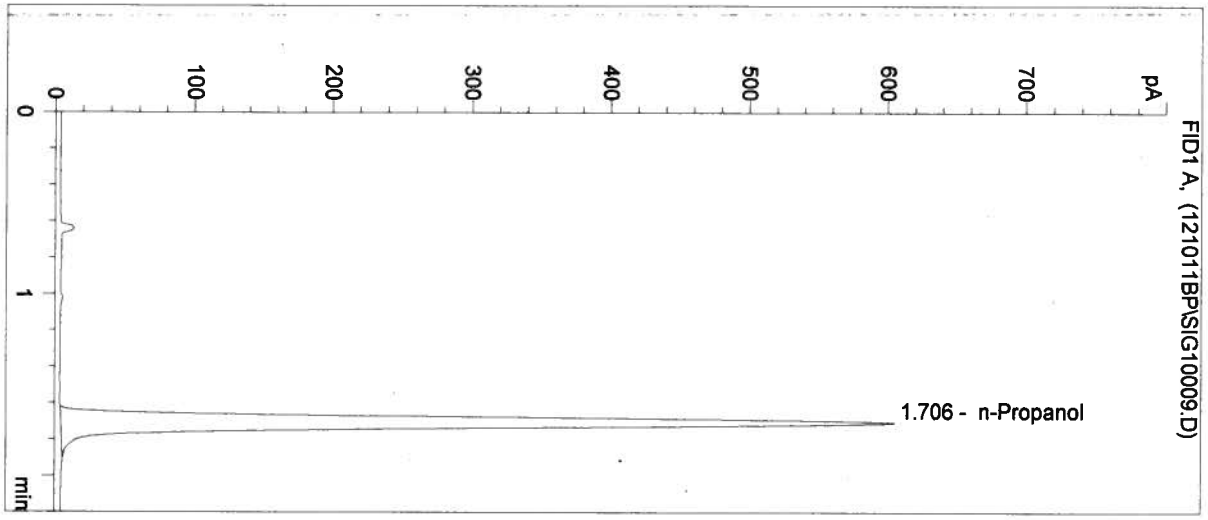
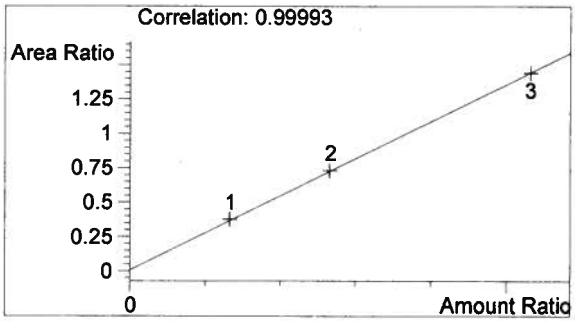
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:06:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

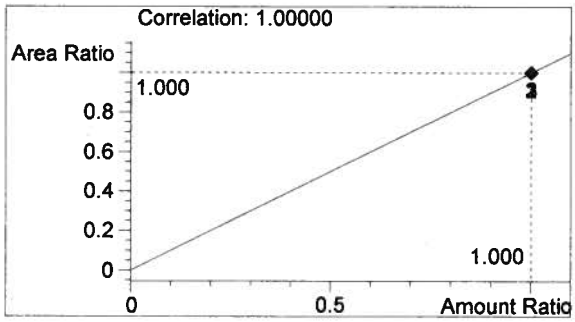
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2404	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

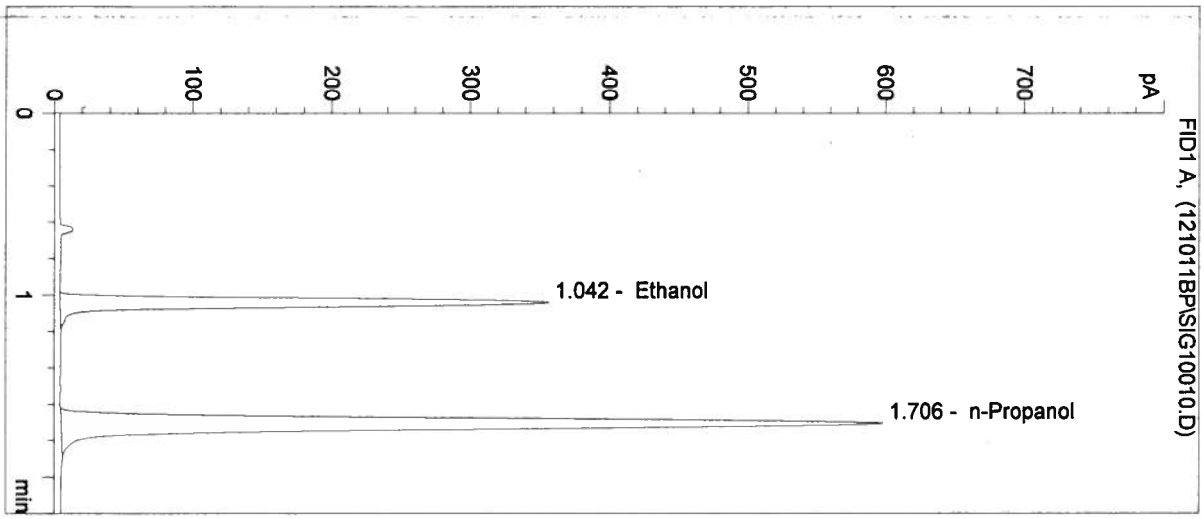
12045

BP

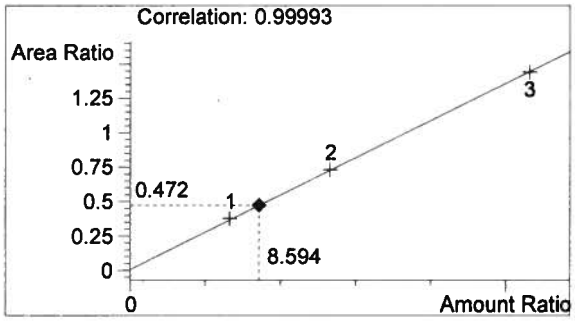
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:09:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

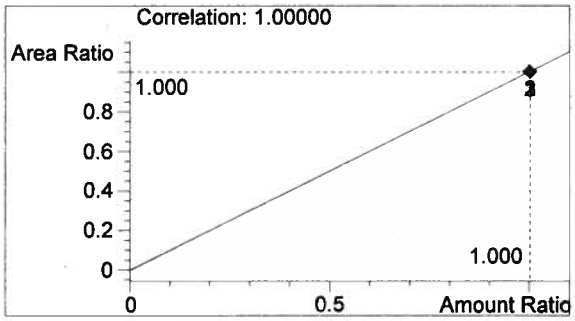
Sample Name: 12045 #1
Operator: Brianna Peterson
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2345	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BP

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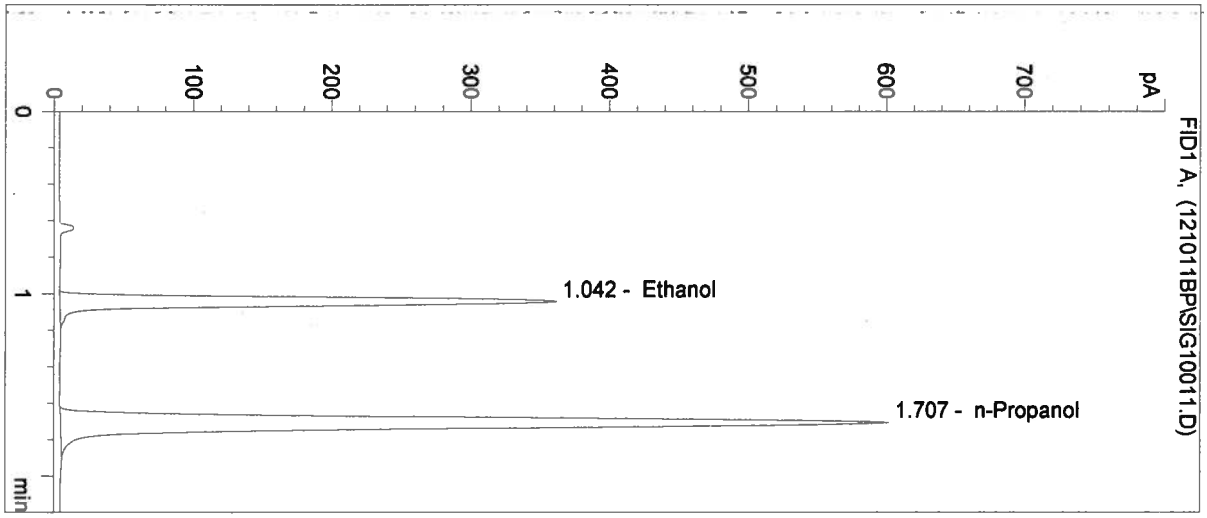
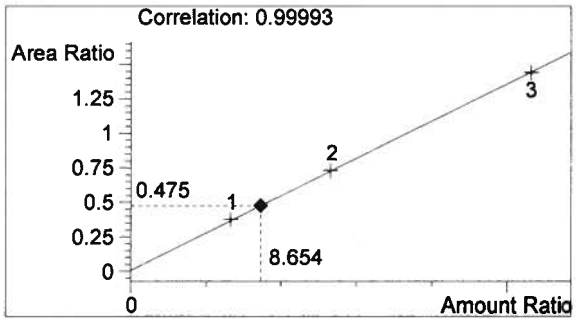
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:12:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

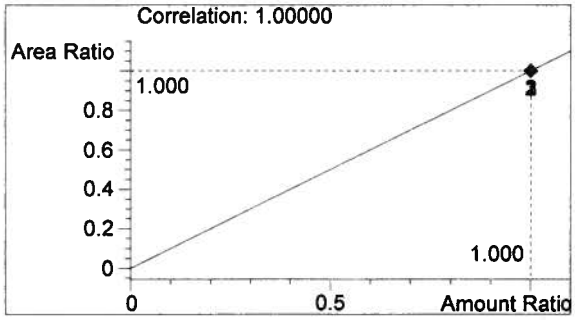
Sample Name: 12045 #2
Operator: Brianna Peterson
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.042
2	n-Propanol	2367	1.707



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

BP

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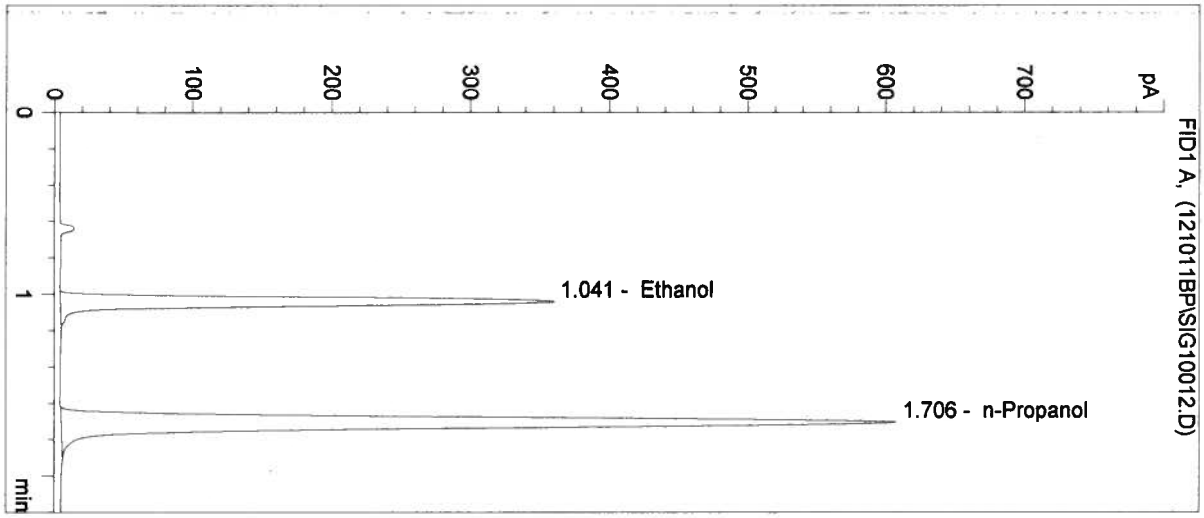
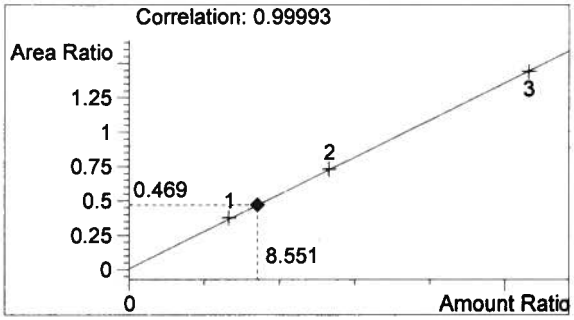
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:15:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

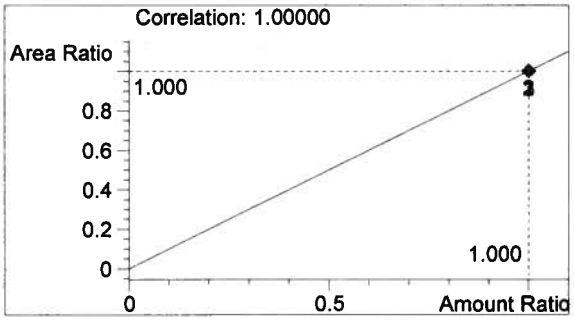
Sample Name: 12045 #3
Operator: Brianna Peterson
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.041
2	n-Propanol	2396	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

BP

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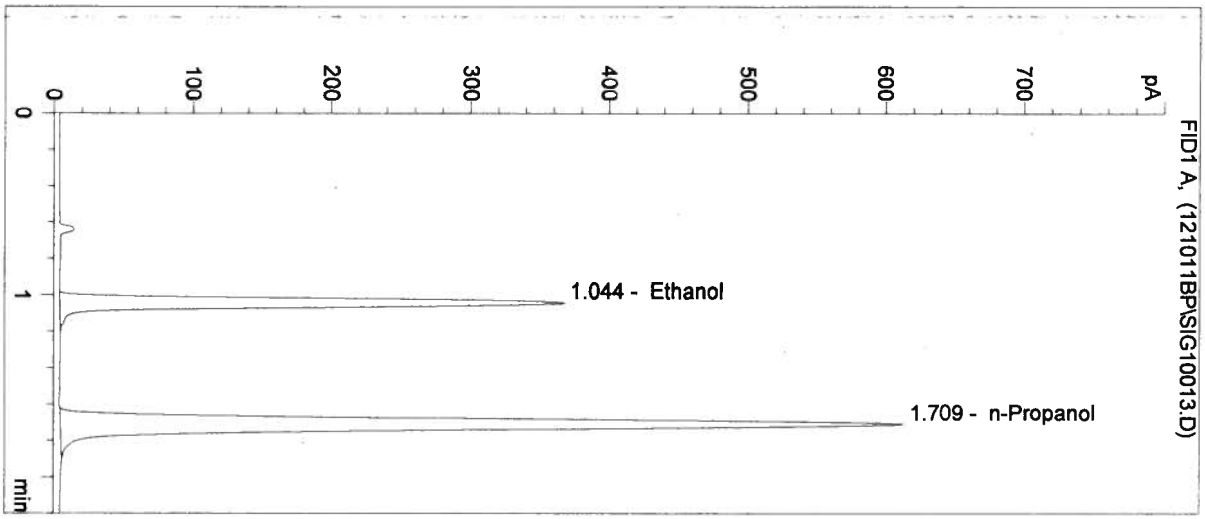
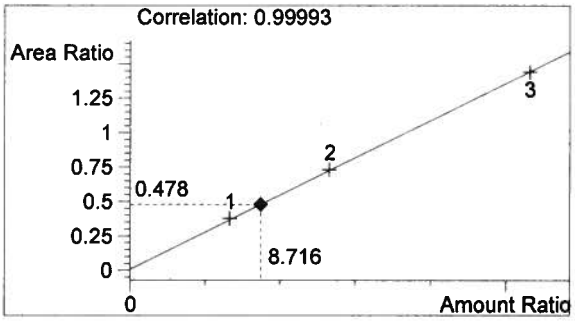
Inj. Date: 10/11/2012 2:19:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

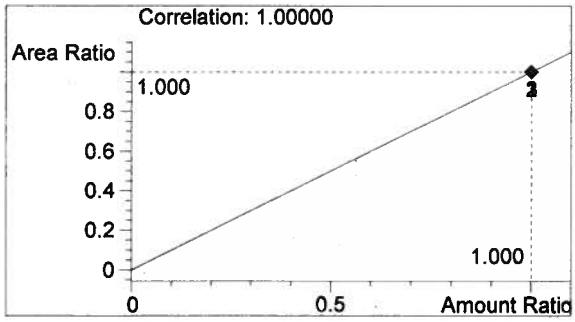
Sample Name: 12045 #4
Operator: Brianna Peterson
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1156	1.044
2	n-Propanol	2417	1.709



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

BP

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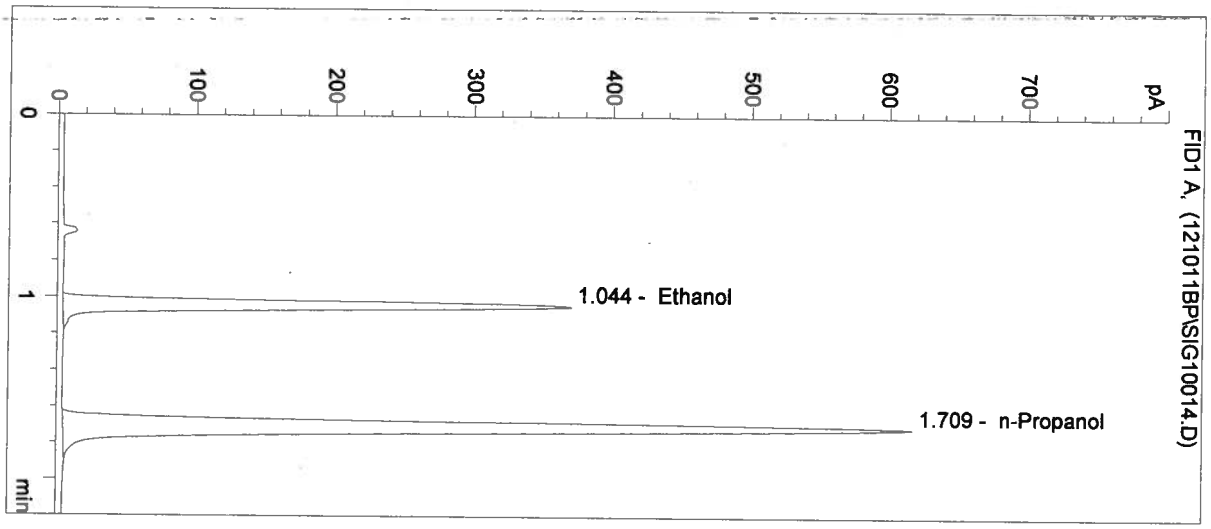
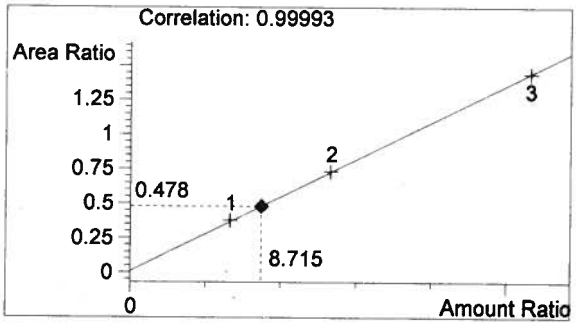
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:22:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

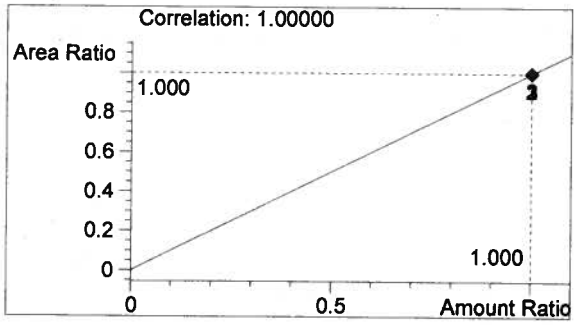
Sample Name: 12045 #5
Operator: Brianna Peterson
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1164	1.044
2	n-Propanol	2434	1.709



Ethanol 0.105 g/100mL



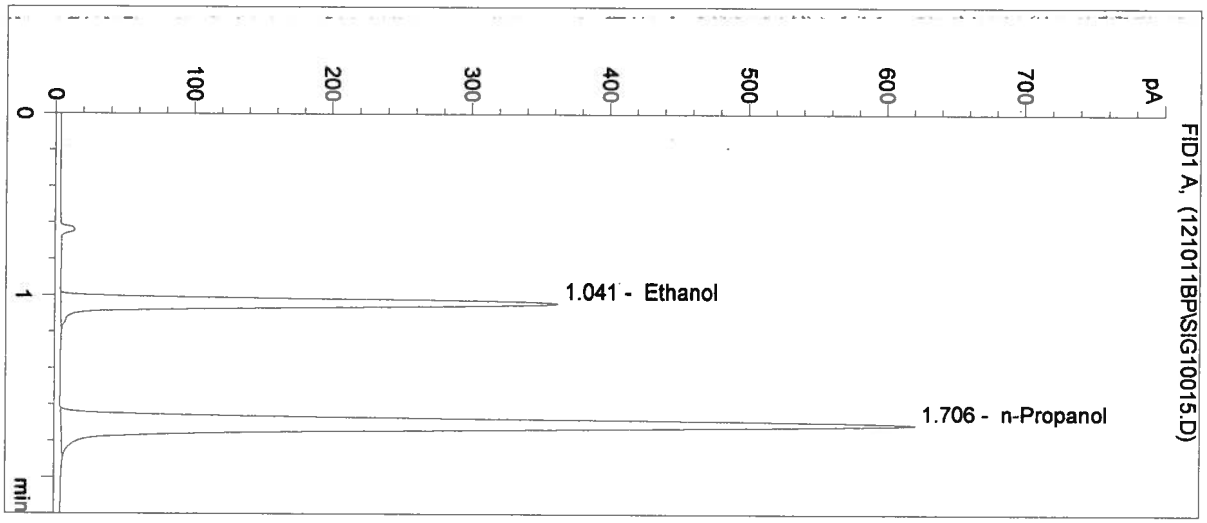
n-Propanol 0.012 g/100mL

BP

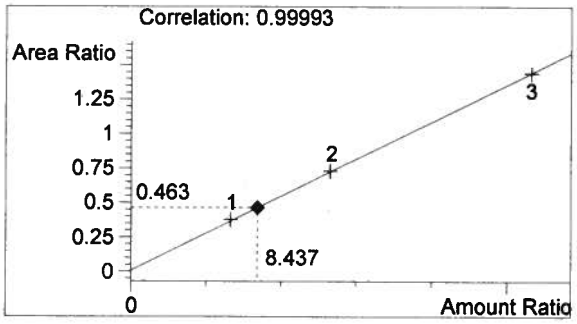
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:25:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

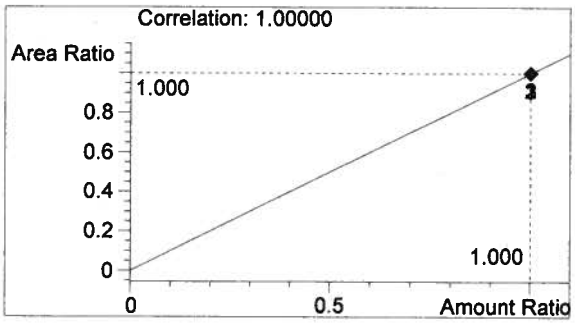
Sample Name: 0.10 CTRL - BP
Operator: Brianna Peterson
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.041
2	n-Propanol	2445	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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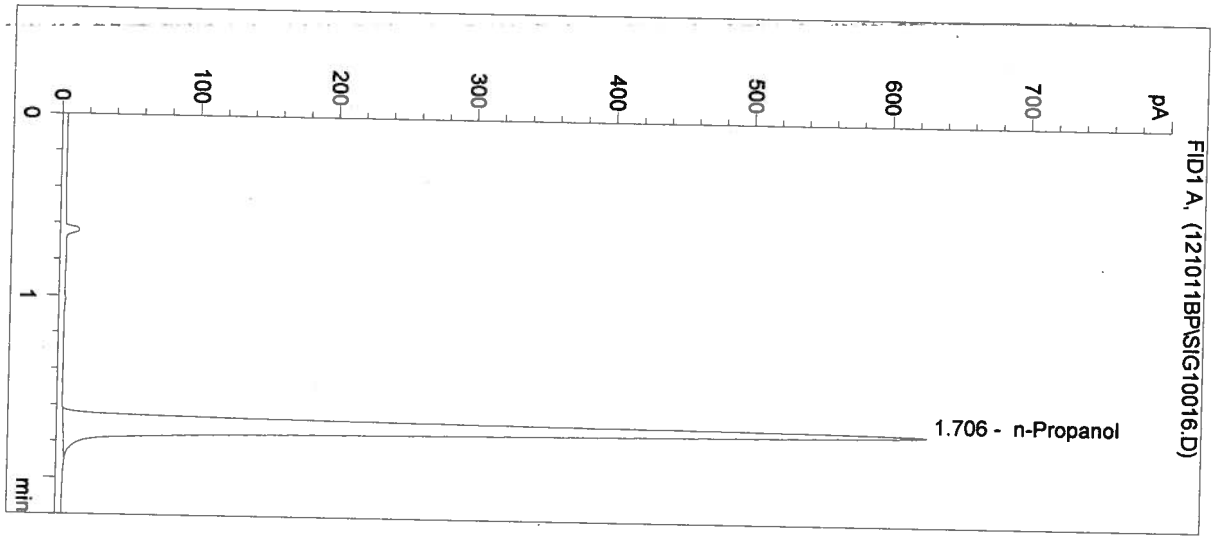
BP

Data File: C:\HPCHEM\1\DATA\121011BP\SIG10015.D

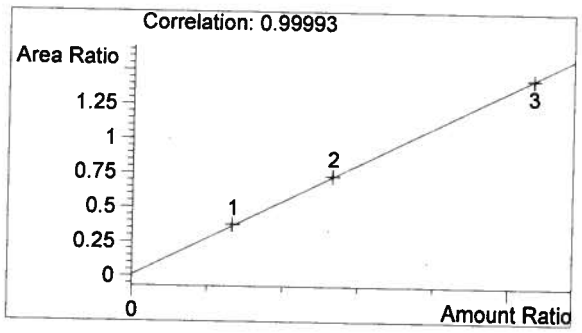
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/11/2012 2:28:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

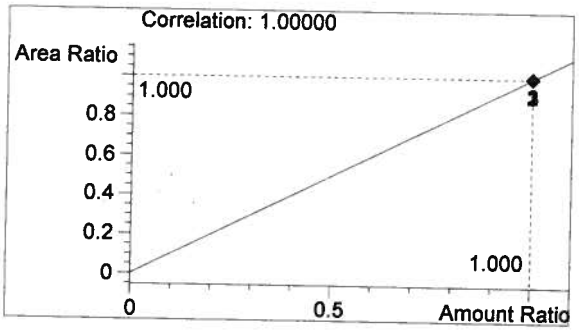
Sample Name: NEG CTRL - BP
Operator: Brianna Peterson
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2479	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121011BP\SIG10016.D

BP

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121019RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0912-01 - Exp. 03/06/13
Ethanol Calibrator 2, E0912-02 - Exp. 03/06/13
Ethanol Calibrator 3, E0912-03 - Exp. 03/06/13
0.04 Control, A077459 - Exp. 02/2015
0.10 Control, A083355 - Exp. 12/2015
0.20 Control, A084657 - Exp. 02/2016
ISTD P0812 - Exp. 11/15/2012

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045 #1	SIMALC1	1	Sample		
11	Vial 11	12045 #2	SIMALC1	1	Sample		
12	Vial 12	12045 #3	SIMALC1	1	Sample		
13	Vial 13	12045 #4	SIMALC1	1	Sample		
14	Vial 14	12045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		

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Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

RF

Sequence: C:\HPCHEM\1\SEQUENCE\RF-ESS1.S

Sequence Table (Back Injector):

No entries - empty table!

12045

RF

Calibration Table

Calib. Data Modified : Friday, October 19, 2012 2:13:00 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
1.042	1	1	7.98400e-2	864.11731	9.23949e-5	1		Ethanol
		2	1.59780e-1	1826.87000	8.74611e-5			
		3	3.19310e-1	3444.21899	9.27090e-5			
1.706	1	1	1.20000e-2	2349.25464	5.10800e-6		I1	n-Propanol
		2	1.20000e-2	2460.82324	4.87642e-6			
		3	1.20000e-2	2367.45972	5.06872e-6			

Peak Sum Table

No Entries in table

12045

RF

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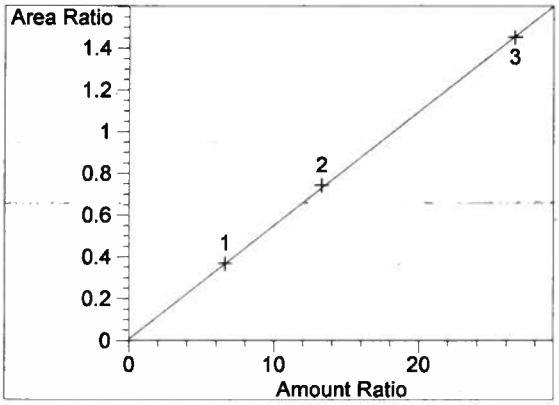
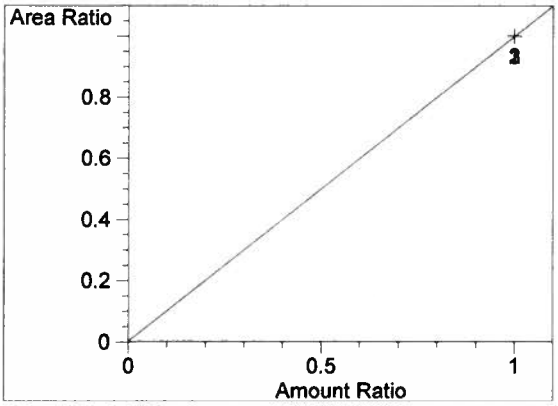
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99994
Residual Std. Dev.: 0.00833
Formula: y = mx + b
m: 5.46832e-2
b: 4.50378e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
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

==========

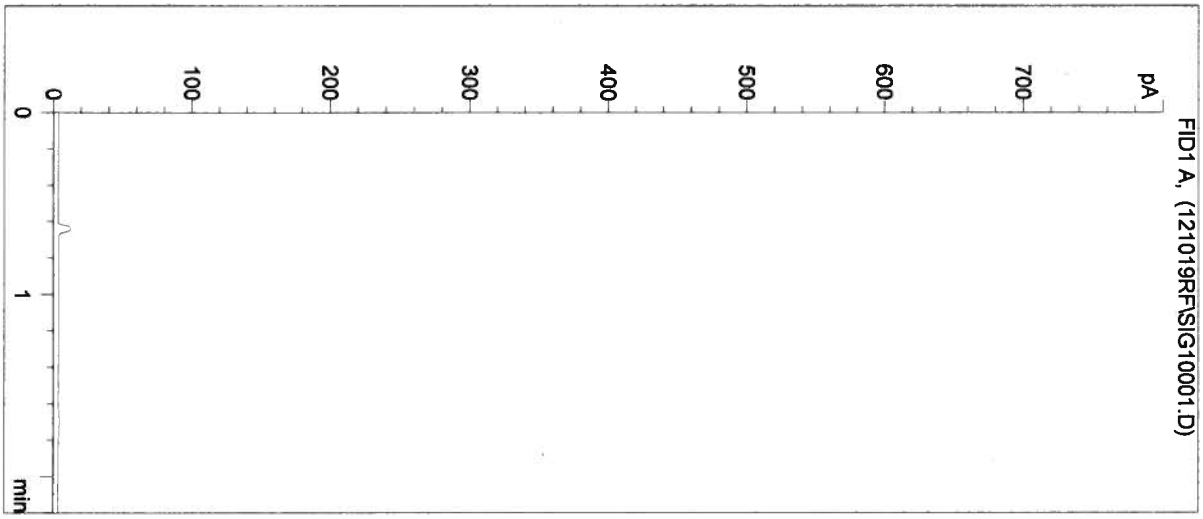
12045

RF

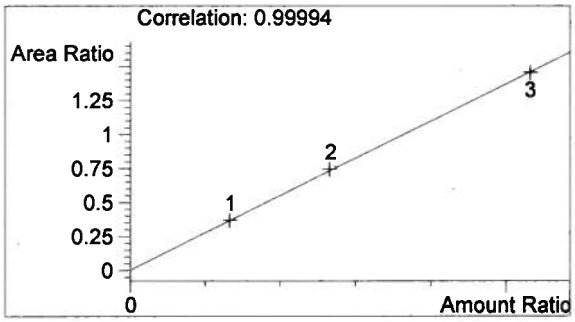
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 2:01:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

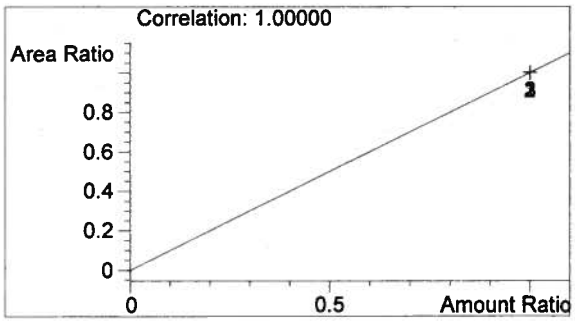
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



#	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

12045

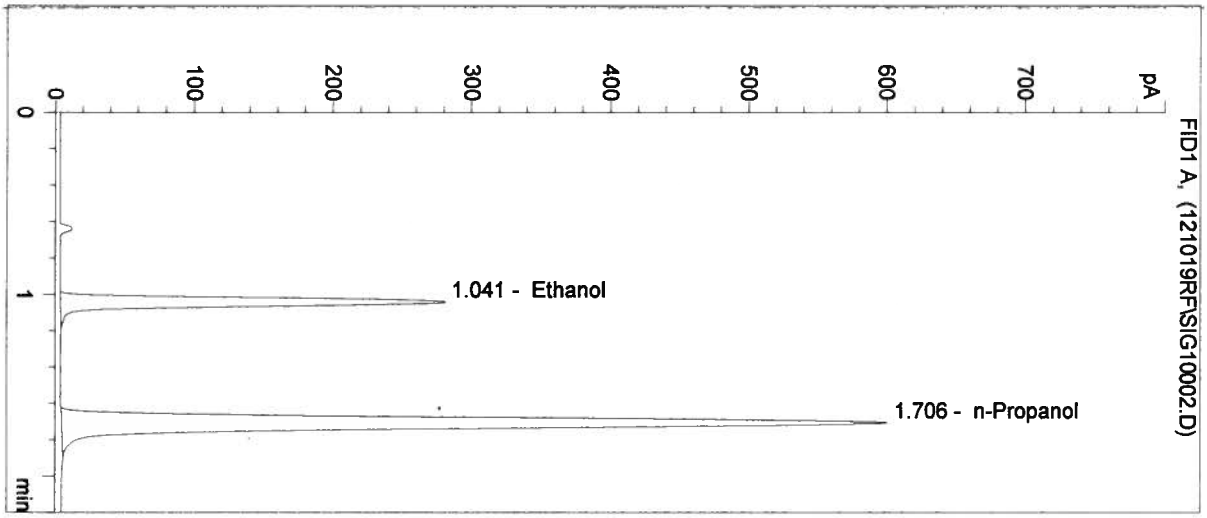
RF

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

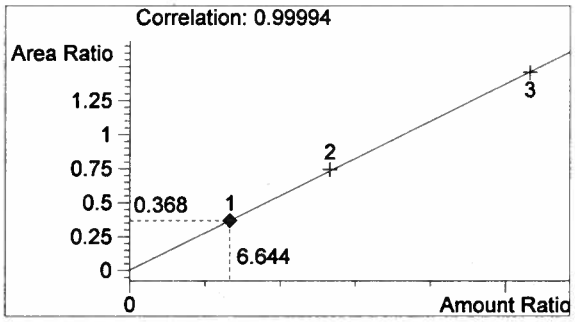
Inj. Date: 10/19/2012 2:04:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2

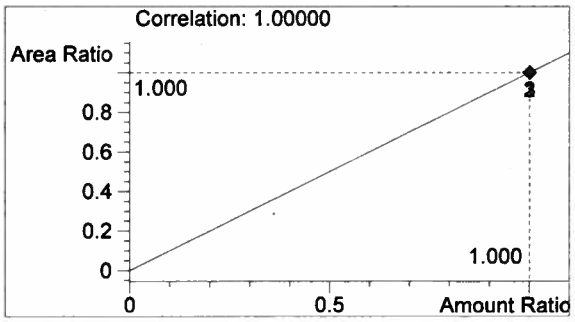
->



#	Compound	Peak Area	RT (min)
1	Ethanol	864	1.041
2	n-Propanol	2349	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12045

RF

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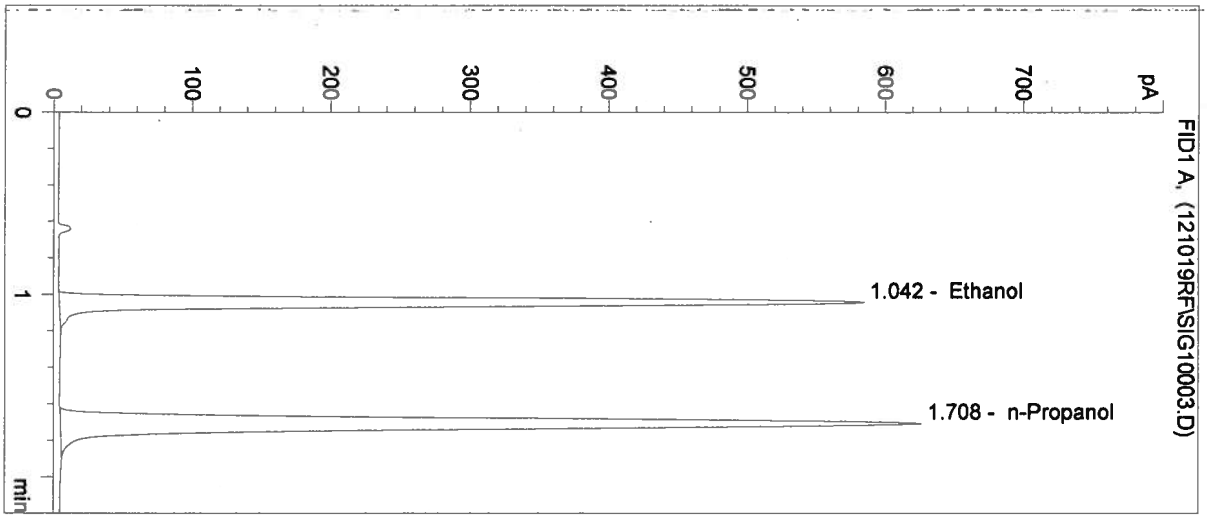
2203 Airport Way S Seattle, WA 98134

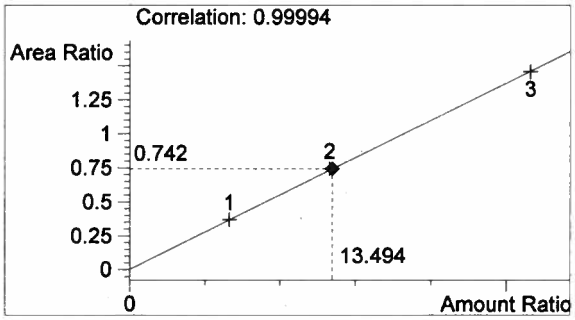
Inj. Date: 10/19/2012 2:07:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.158 CAL 2
Operator: Rebecca Flaherty
Location: Vial 3

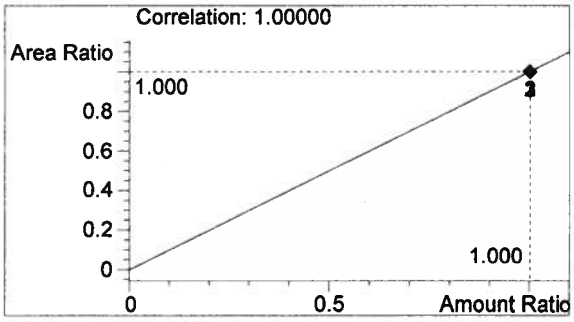
->



#	Compound	Peak Area	RT (min)
1	Ethanol	1827	1.042
2	n-Propanol	2461	1.708



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121019RF\SIG10003.D

RK

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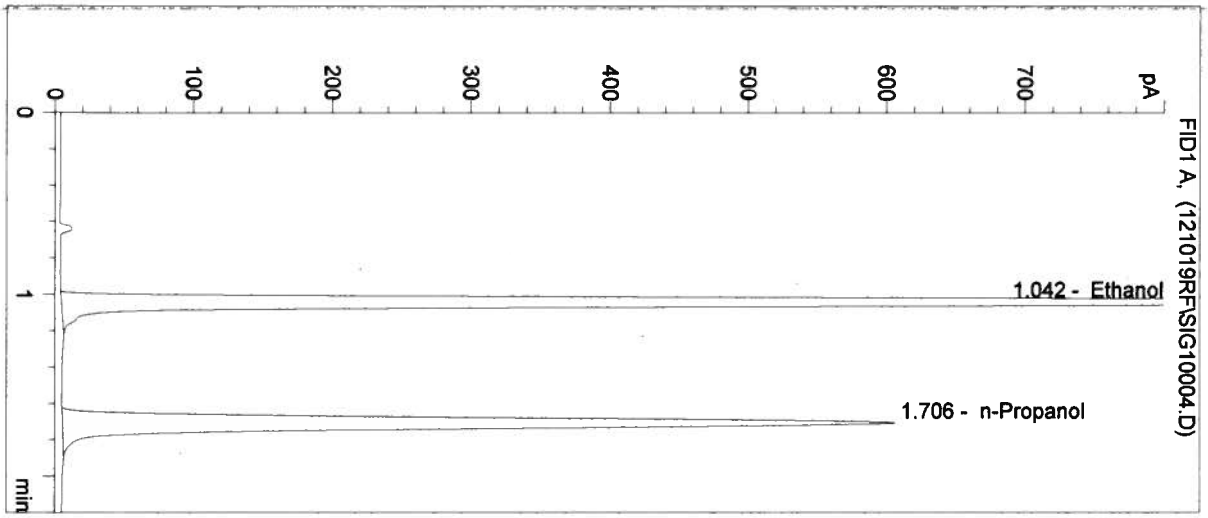
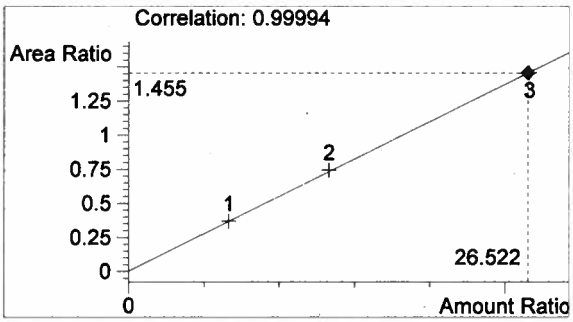
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/19/2012 2:10:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

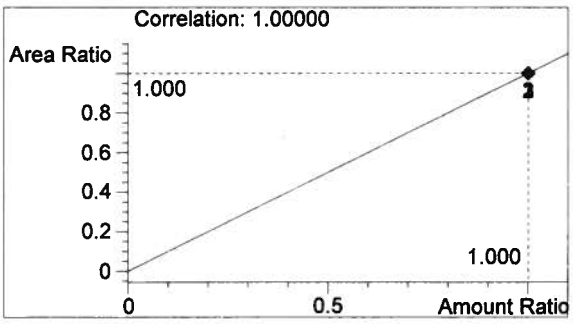
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3444	1.042
2	n-Propanol	2367	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

12045

RF

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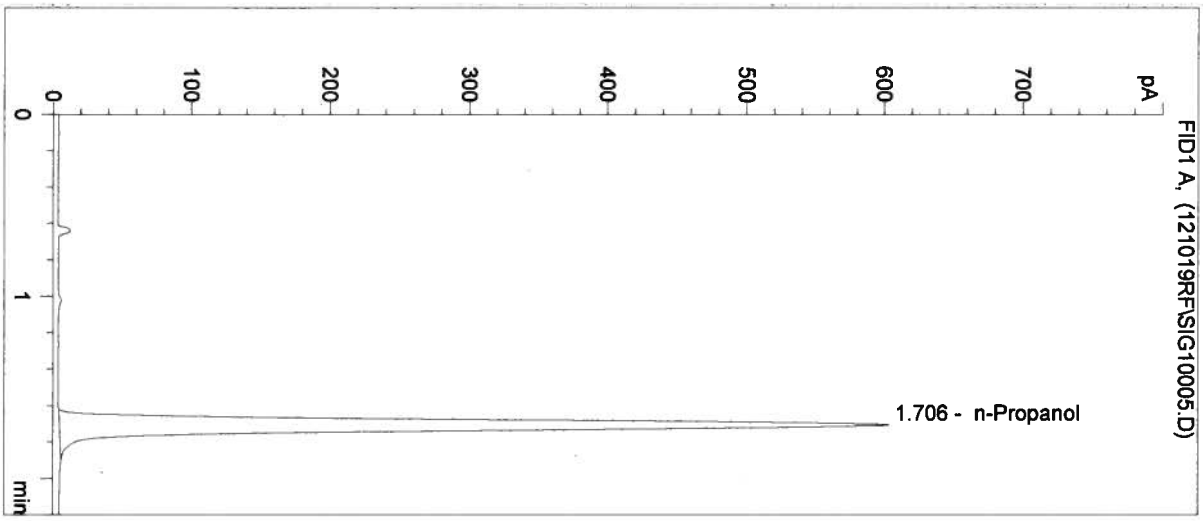
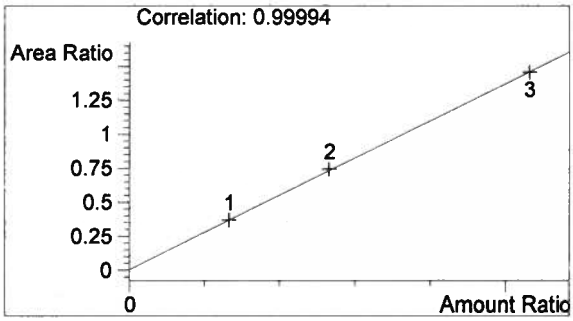
Inj. Date: 10/19/2012 2:13:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 5

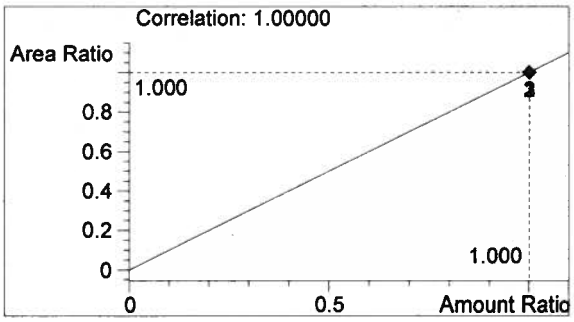


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2366	1.706

RF



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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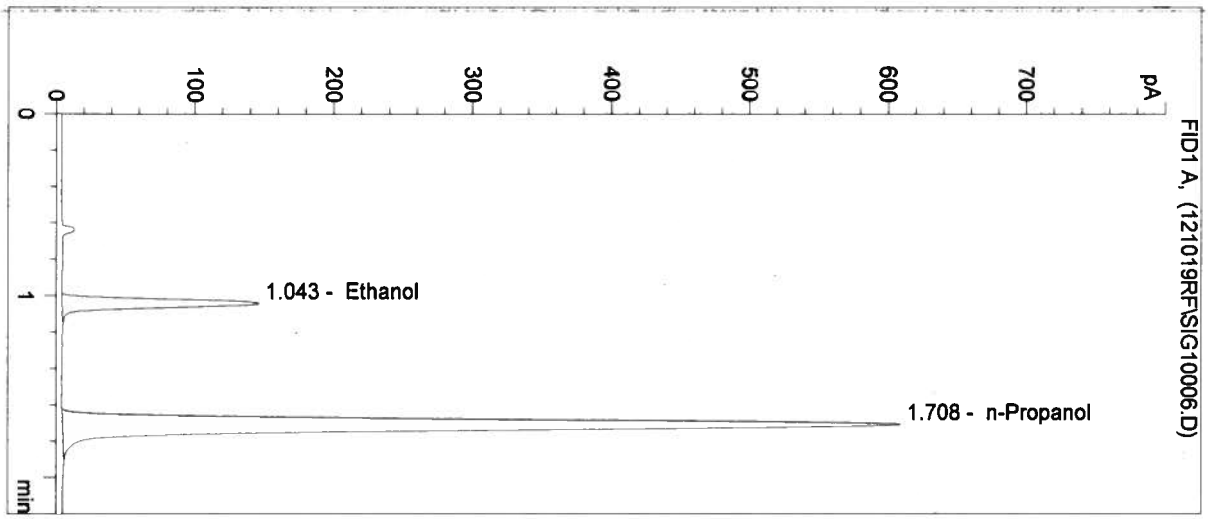
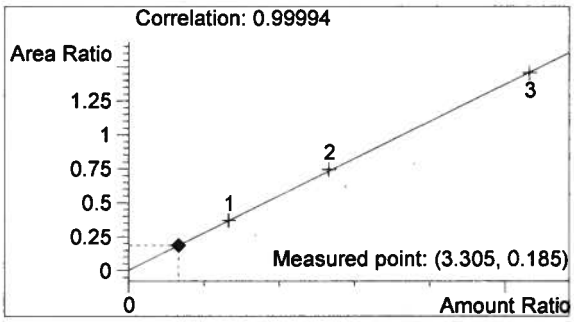
Inj. Date: 10/19/2012 2:16:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.04 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 6

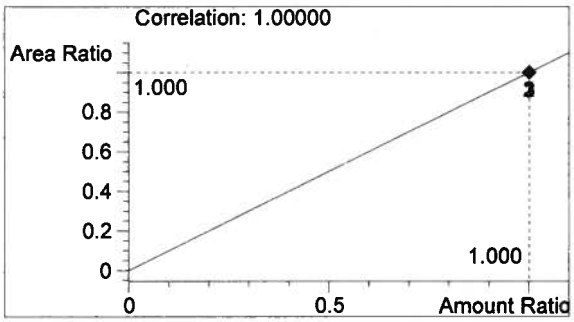


#	Compound	Peak Area	RT (min)
1	Ethanol	443	1.043
2	n-Propanol	2391	1.708

RF



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12045

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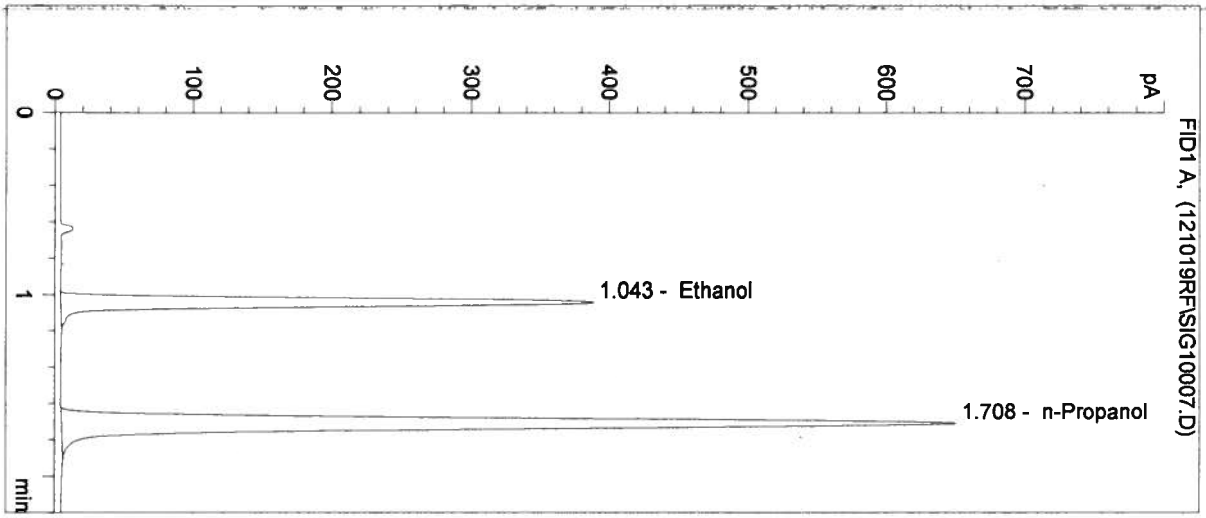
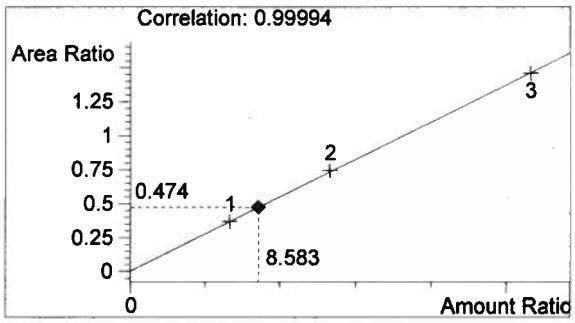
Inj. Date: 10/19/2012 2:20:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 7

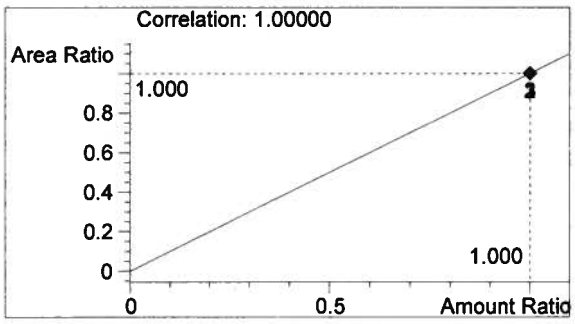


#	Compound	Peak Area	RT (min)
1	Ethanol	1213	1.043
2	n-Propanol	2560	1.708

RF



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

12045

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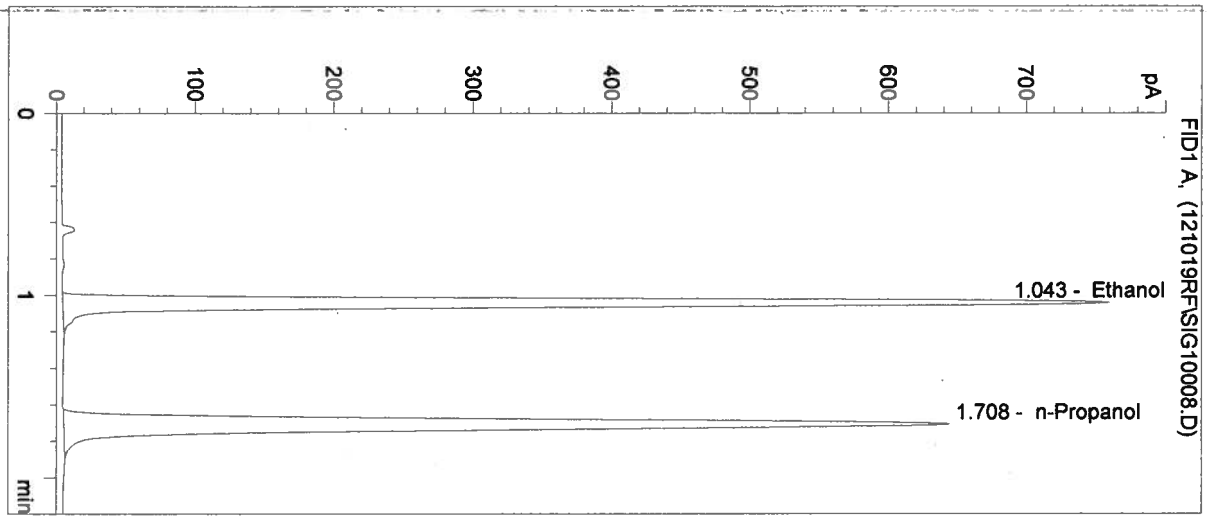
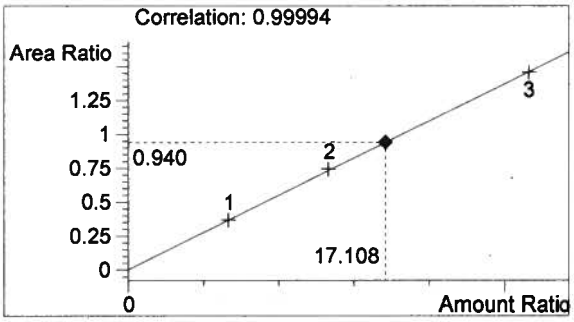
Inj. Date: 10/19/2012 2:23:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.20 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 8

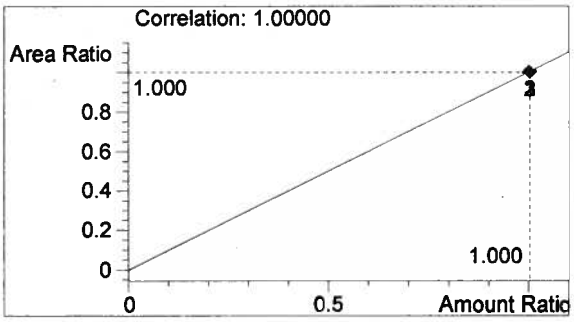


#	Compound	Peak Area	RT (min)
1	Ethanol	2375	1.043
2	n-Propanol	2527	1.708

RF



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

12045

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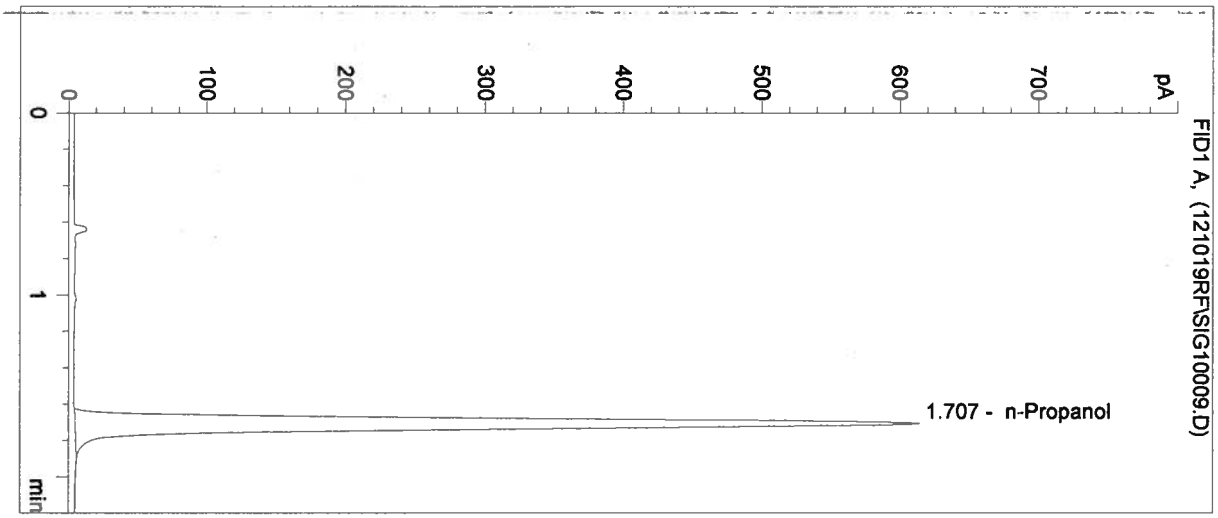
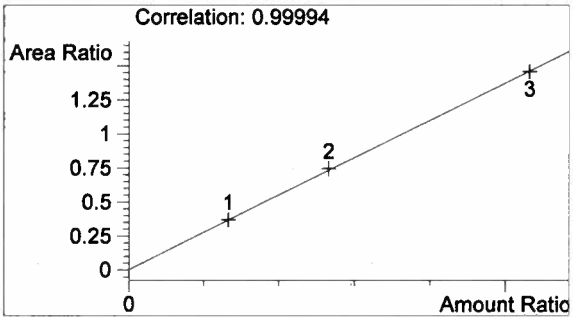
Inj. Date: 10/19/2012 2:26:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 9

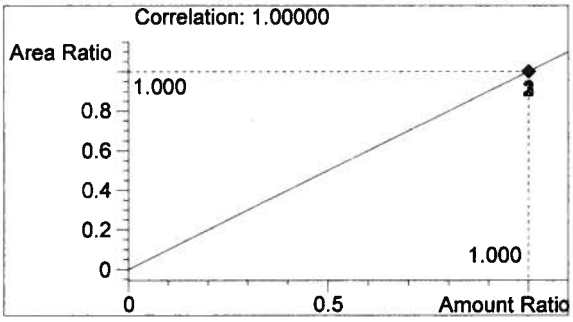


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2409	1.707

RF



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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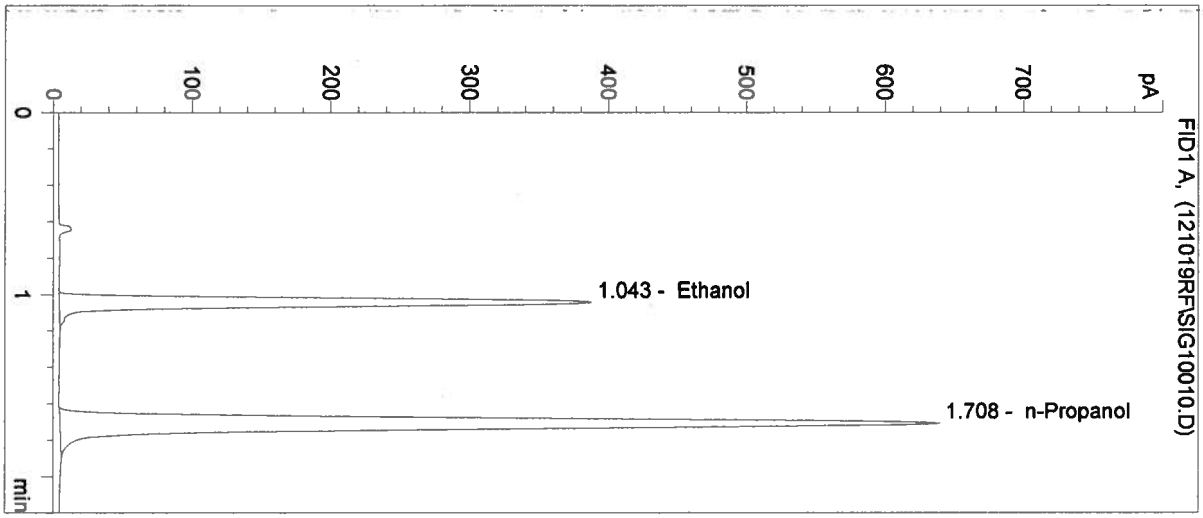
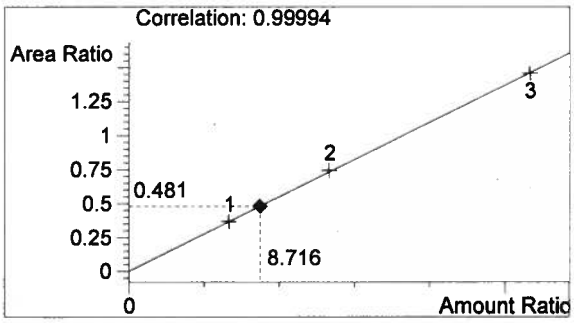
Inj. Date: 10/19/2012 2:29:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 12045 #1
Operator: Rebecca Flaherty
Location: Vial 10

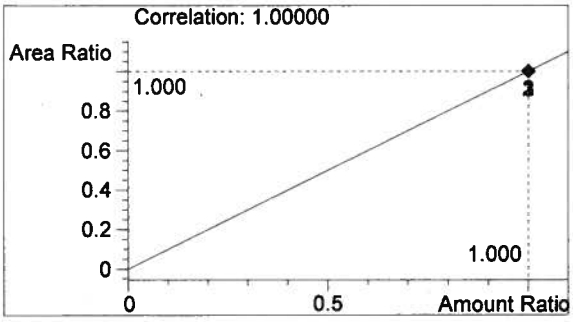


#	Compound	Peak Area	RT (min)
1	Ethanol	1208	1.043
2	n-Propanol	2512	1.708

RF



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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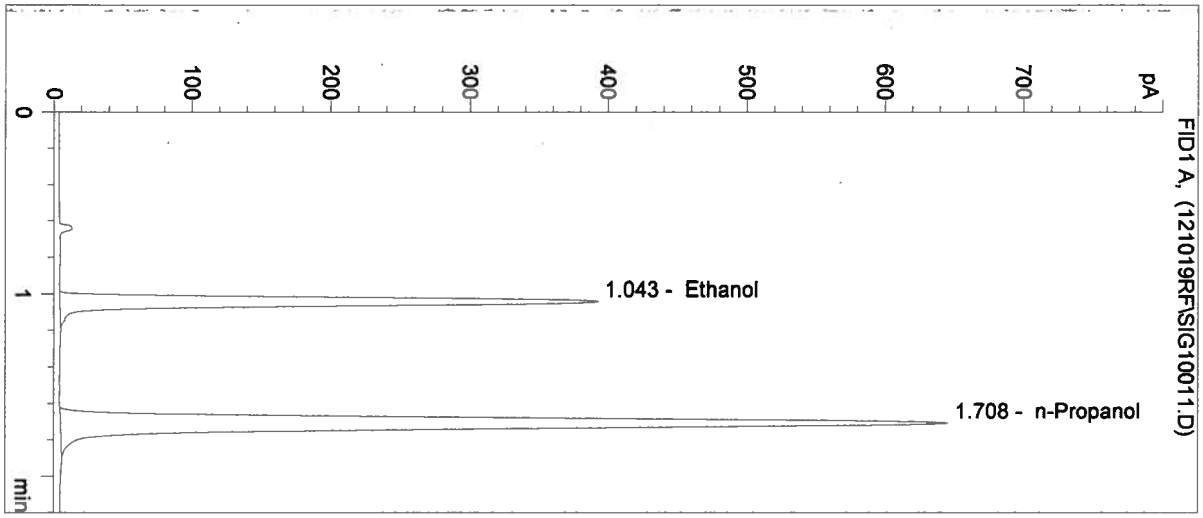
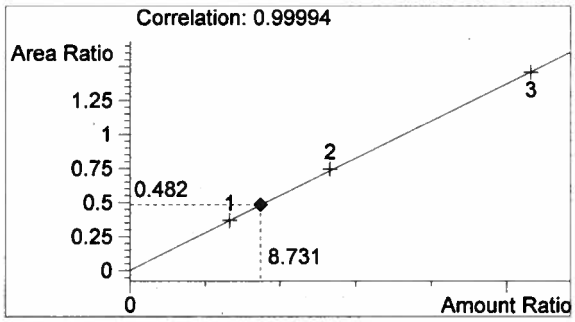
Inj. Date: 10/19/2012 2:32:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 12045 #2
Operator: Rebecca Flaherty
Location: Vial 11

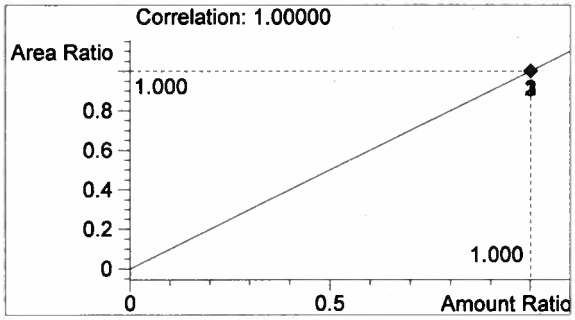


#	Compound	Peak Area	RT (min)
1	Ethanol	1223	1.043
2	n-Propanol	2538	1.708

RF



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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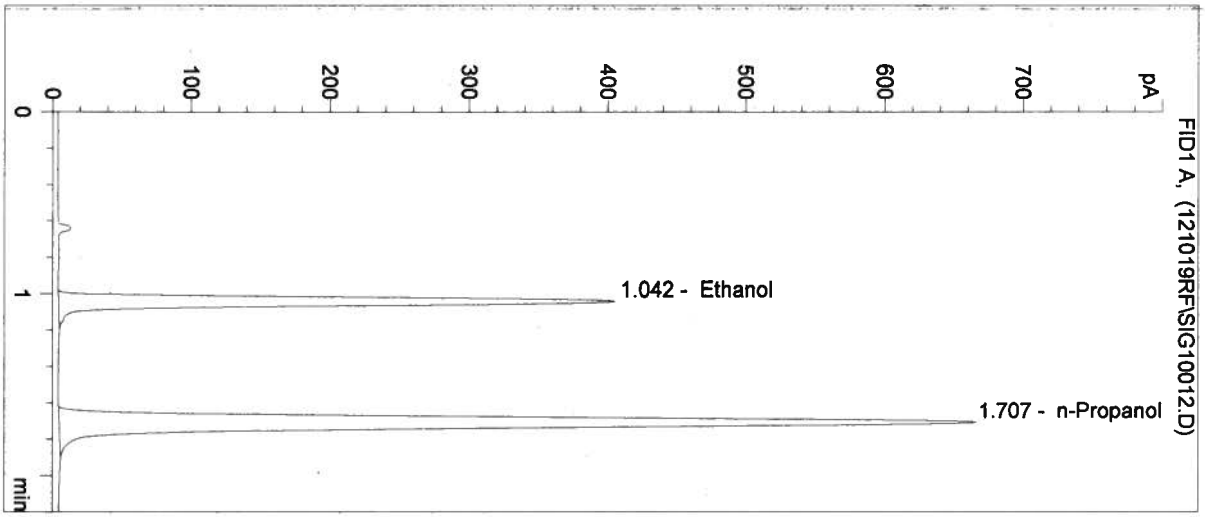
2203 Airport Way S Seattle, WA 98134

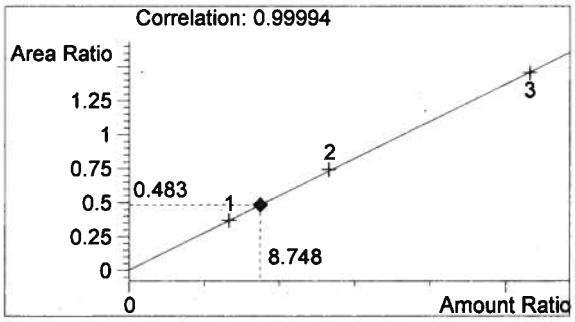
Inj. Date: 10/19/2012 2:35:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 12045 #3
Operator: Rebecca Flaherty
Location: Vial 12

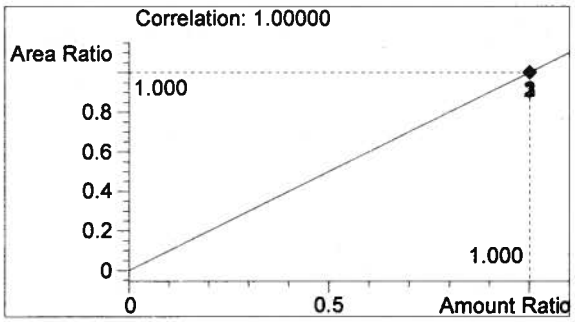


#	Compound	Peak Area	RT (min)
1	Ethanol	1261	1.042
2	n-Propanol	2611	1.707

RF



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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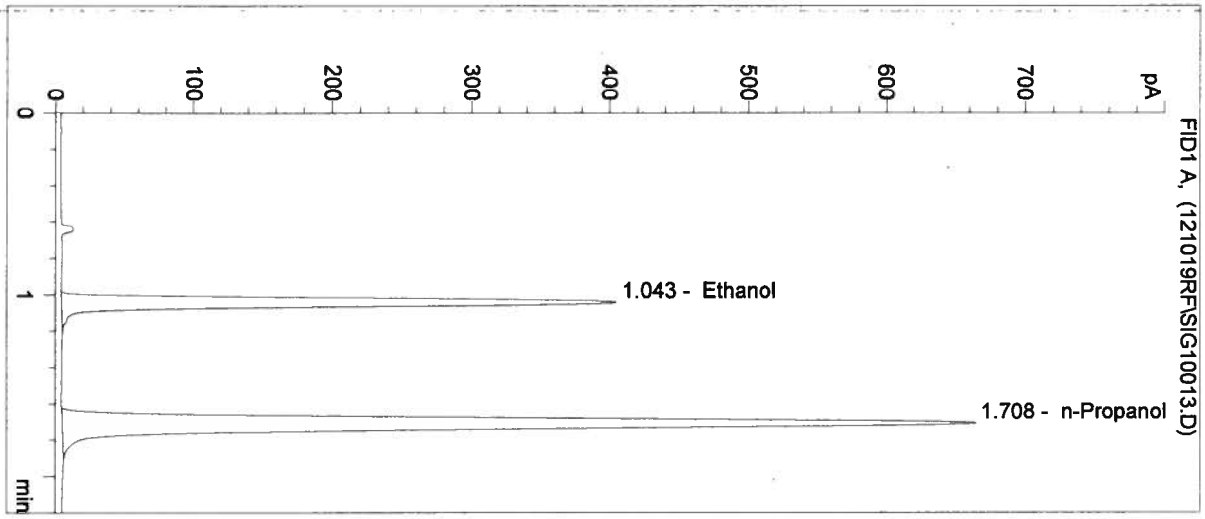
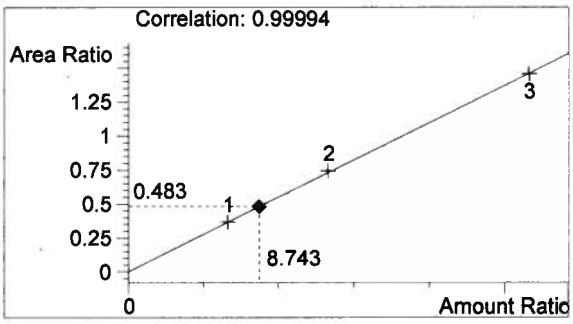
Inj. Date: 10/19/2012 2:38:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 12045 #4
Operator: Rebecca Flaherty
Location: Vial 13

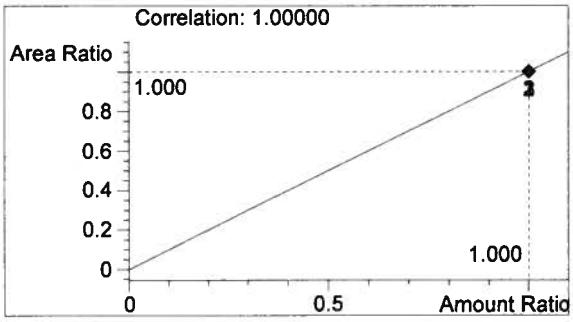


#	Compound	Peak Area	RT (min)
1	Ethanol	1261	1.043
2	n-Propanol	2614	1.708

RF



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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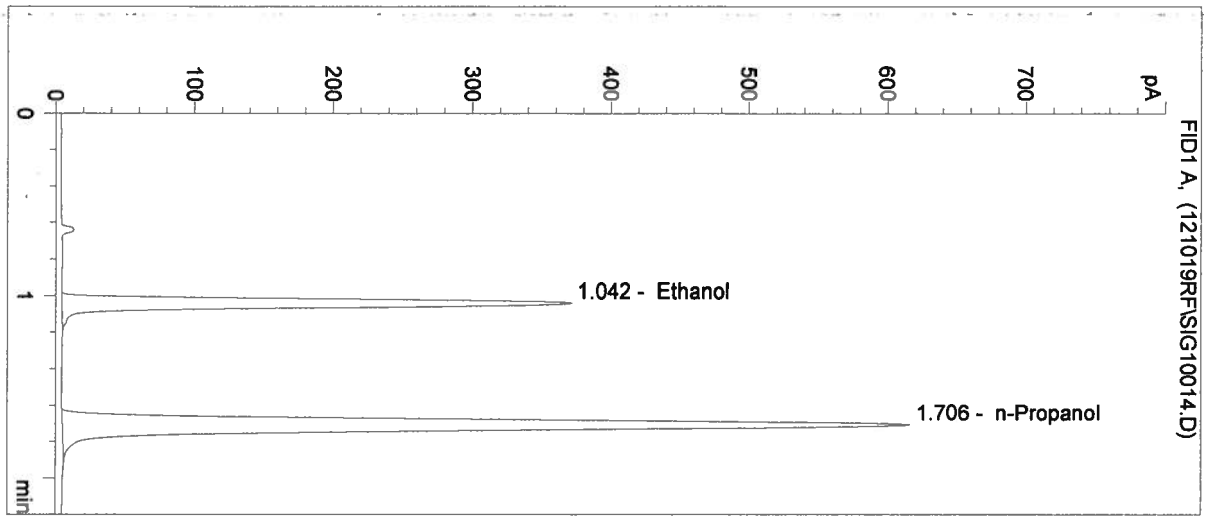
2203 Airport Way S Seattle, WA 98134

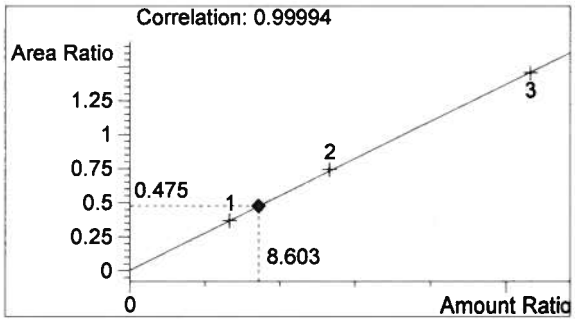
Inj. Date: 10/19/2012 2:41:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 12045 #5
Operator: Rebecca Flaherty
Location: Vial 14

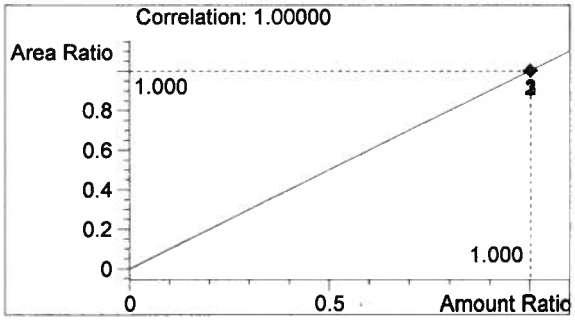


#	Compound	Peak Area	RT (min)
1	Ethanol	1148	1.042
2	n-Propanol	2416	1.706

RF



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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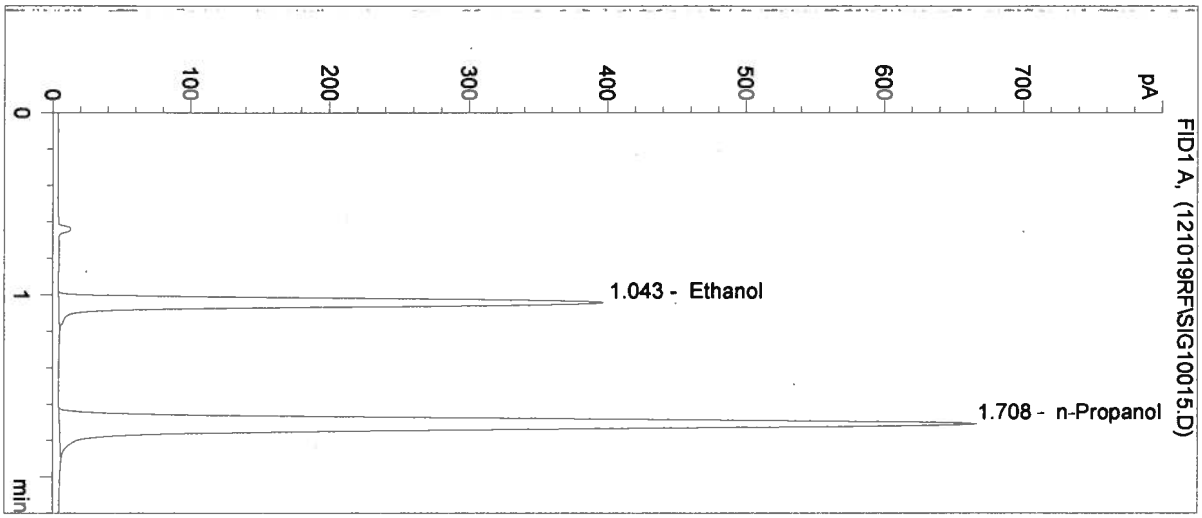
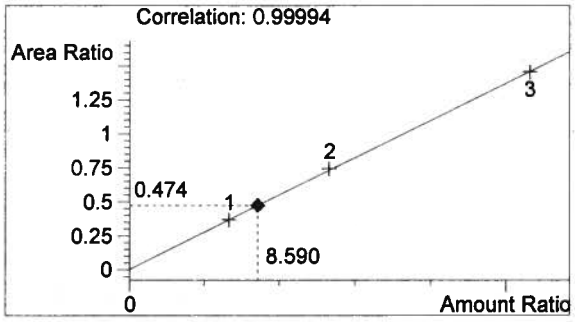
Inj. Date: 10/19/2012 2:44:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 0.10 CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 15

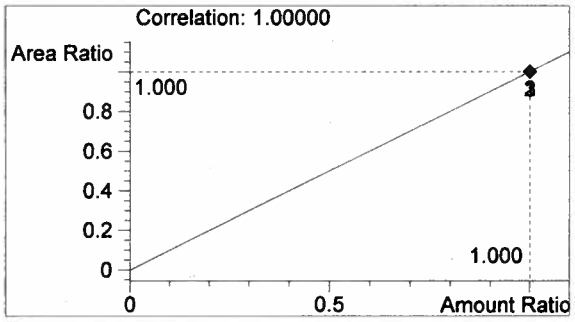


#	Compound	Peak Area	RT (min)
1	Ethanol	1243	1.043
2	n-Propanol	2620	1.708

RG



Ethanol 0.103 g/100mL



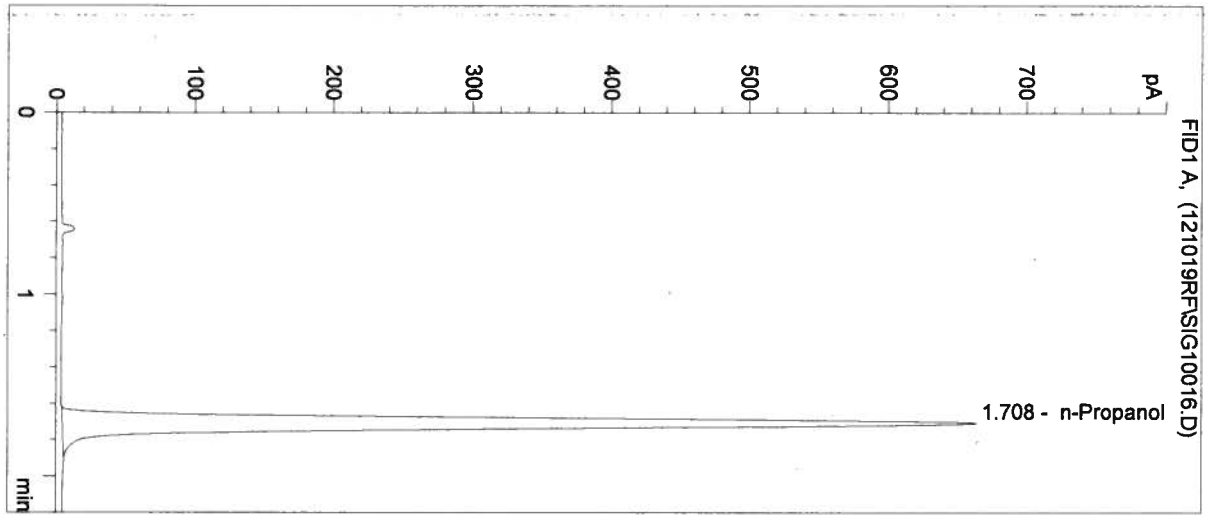
n-Propanol 0.012 g/100mL

12045

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

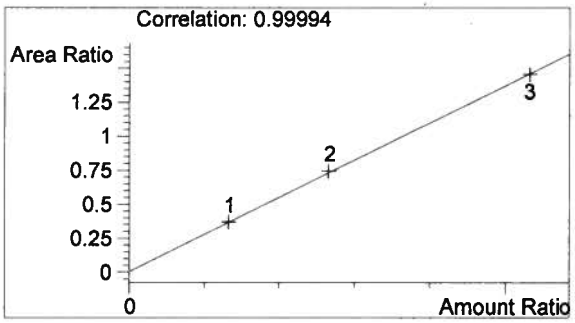
Inj. Date: 10/19/2012 2:47:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: NEG CONTROL-RF
Operator: Rebecca Flaherty
Location: Vial 16

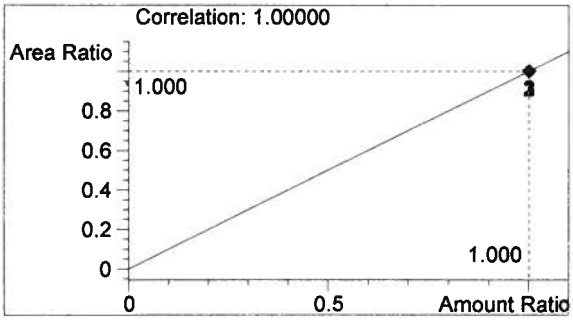


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2612	1.708

RF



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

Data File: C:\HPCHEM\1\DATA\121019RF\SIG10016.D

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121023LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A077459 exp 02/2015
0.10 Control Lot#A083355 exp 12/2015
0.20 Control Lot#A084657 exp 02/2016
Internal Standard Lot#P1012 exp 01/22/13
Calibrator 1 Lot E0912-01 exp 3/6/13
Calibrator 2 Lot E0912-02 exp 3/6/13
Calibrator 3 Lot E0912-03 exp 3/6/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045 #1	SIMALC1	1	Sample		
11	Vial 11	12045 #2	SIMALC1	1	Sample		
12	Vial 12	12045 #3	SIMALC1	1	Sample		
13	Vial 13	12045 #4	SIMALC1	1	Sample		
14	Vial 14	12045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC1	1	Ctrl Samp		

Calibration Part:

12045

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

Sequence: C:\HPCHEM\1\SEQUENCE\LNEXT1.S

Sequence Table (Back Injector):

No entries - empty table!

12045

Calibration Table

Calib. Data Modified : Tuesday, October 23, 2012 3:04:10 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]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.98400e-2	894.30798	8.92757e-5	1		Ethanol
		2	1.59780e-1	1714.95569	9.31686e-5			
		3	3.19310e-1	3411.15991	9.36075e-5			
1.706	1	1	1.20000e-2	2467.31348	4.86359e-6	I1		n-Propanol
		2	1.20000e-2	2404.69702	4.99023e-6			
		3	1.20000e-2	2425.53003	4.94737e-6			

Peak Sum Table

No Entries in table

12045

Ln

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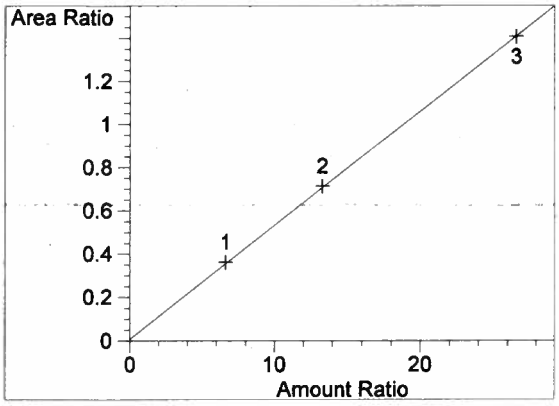
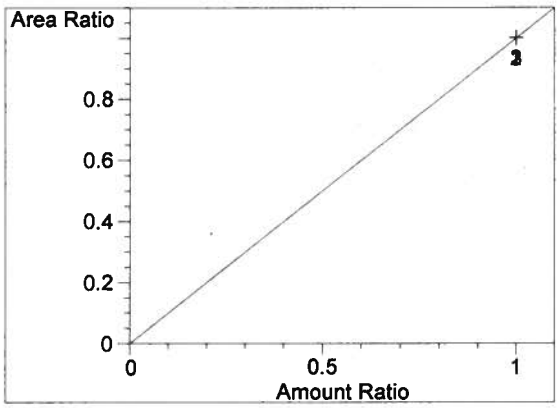
Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00706
Formula: y = mx + b
m: 5.27536e-2
b: 6.21395e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
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

==========

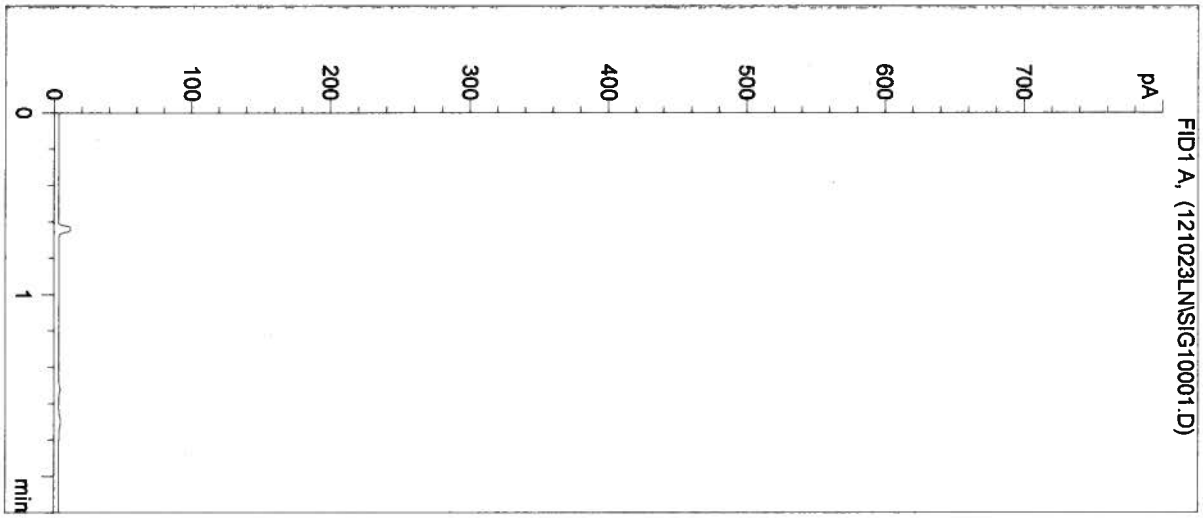
12045

Jn

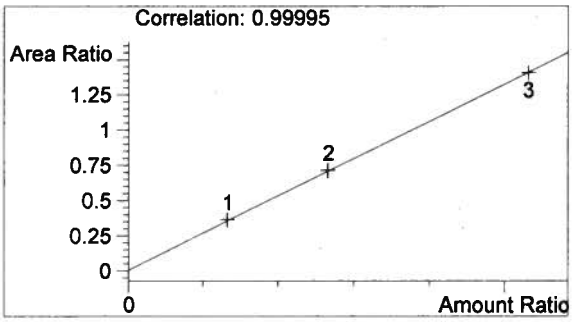
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 2:52:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

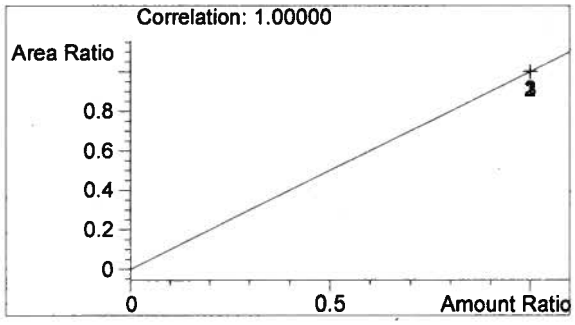
Sample Name: Blank
Operator: Lisa Noble
Location: Vial 1



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



Ethanol 0.000 g/100mL



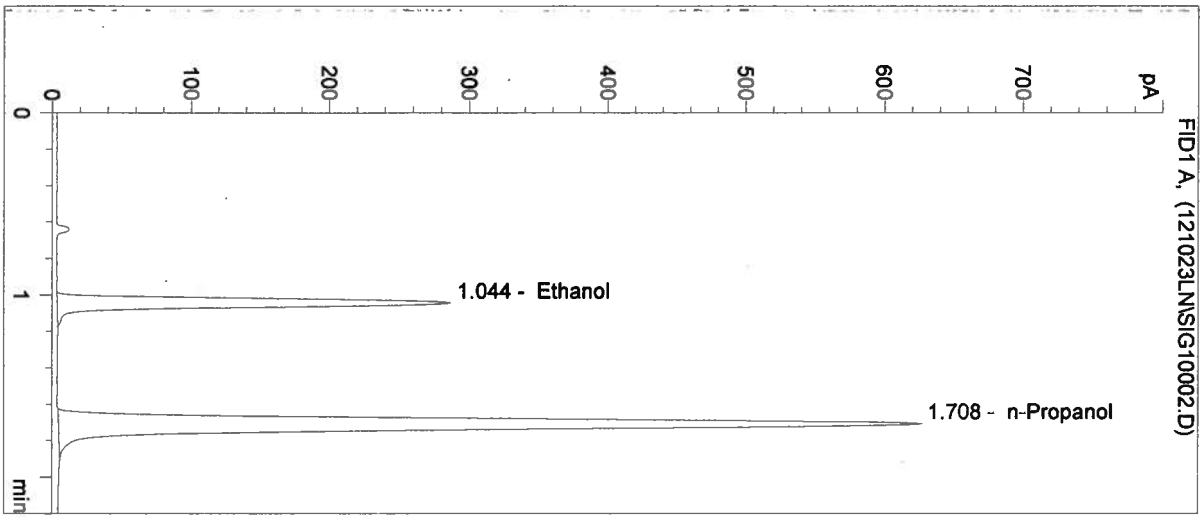
n-Propanol 0.000 g/100mL

12045

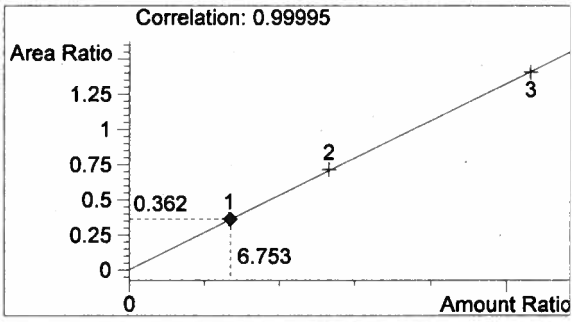
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 2:55:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

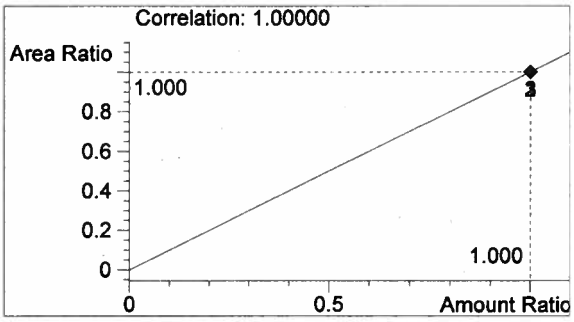
Sample Name: 0.079 CAL 1
Operator: Lisa Noble
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	894	1.044
2	n-Propanol	2467	1.708



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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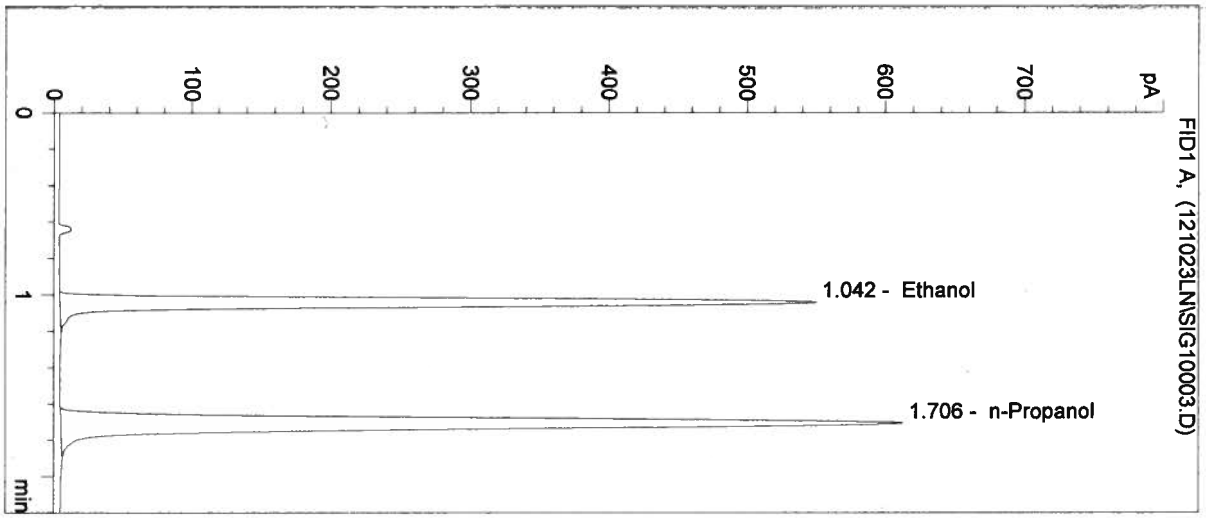
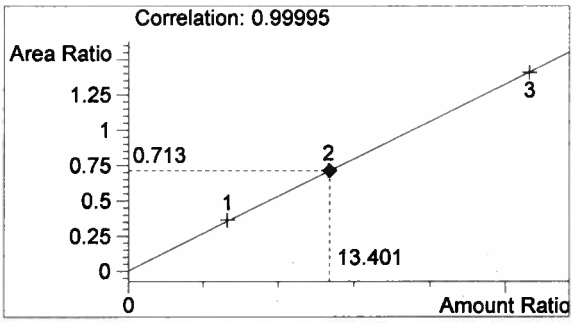
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 2:58:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

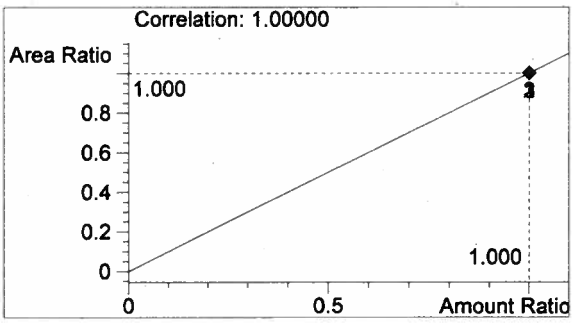
Sample Name: 0.158 CAL 2
Operator: Lisa Noble
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1715	1.042
2	n-Propanol	2405	1.706



Ethanol 0.161 g/100mL



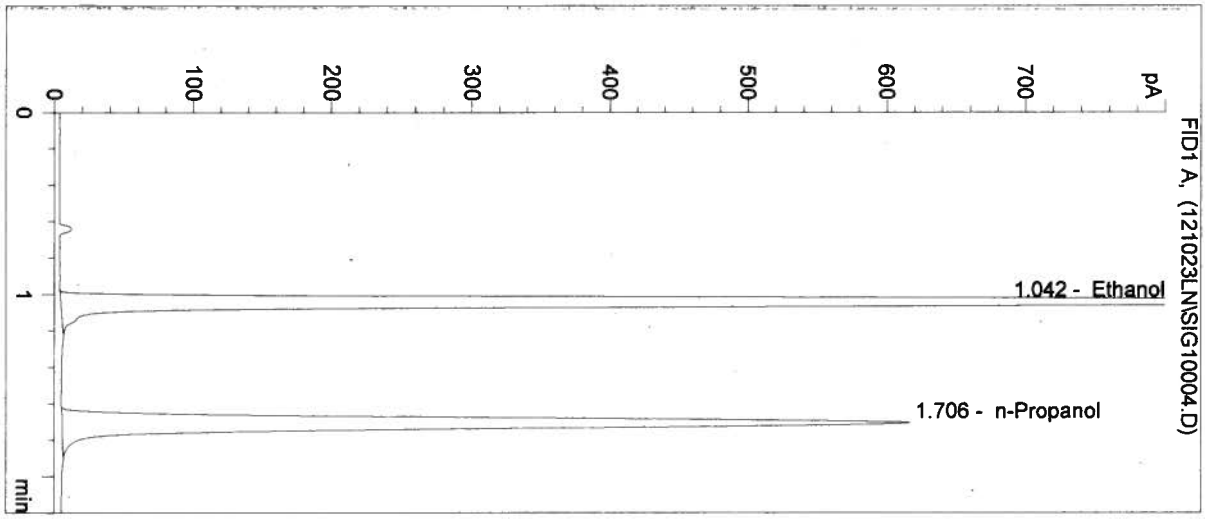
n-Propanol 0.012 g/100mL

12045

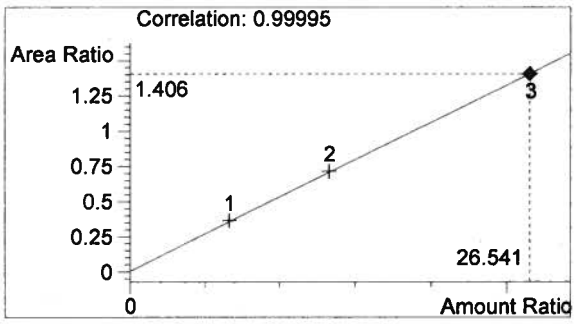
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:01:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

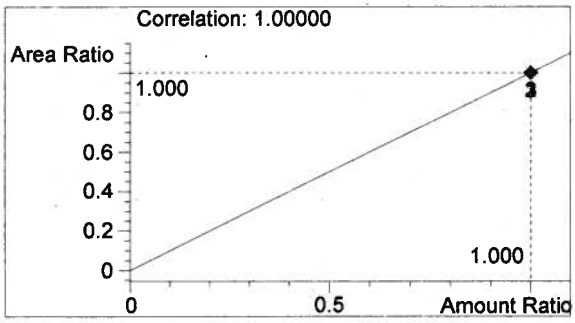
Sample Name: 0.316 CAL 3
Operator: Lisa Noble
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3411	1.042
2	n-Propanol	2426	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

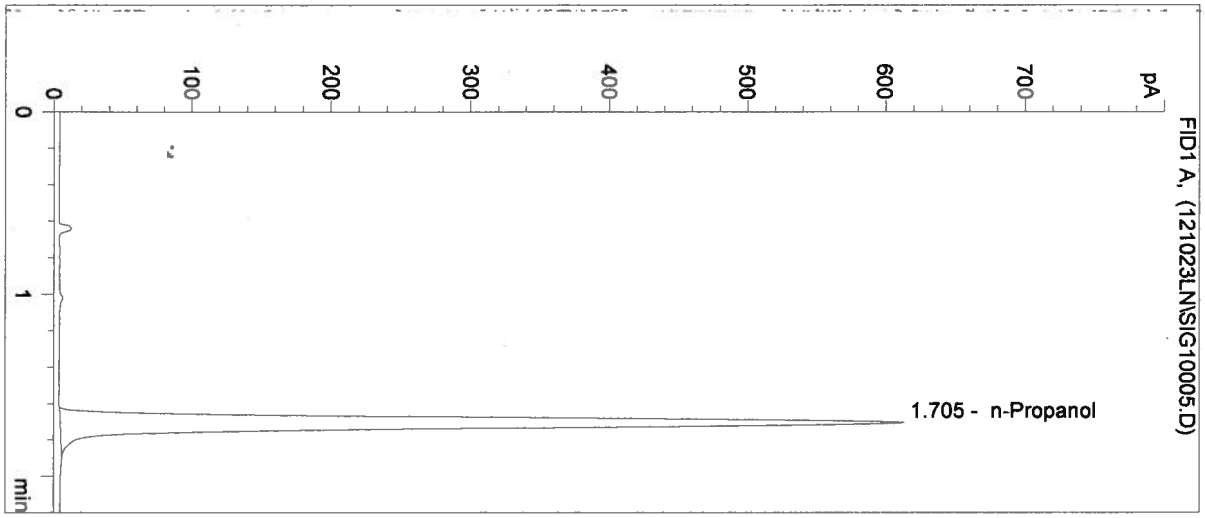
12045

fn

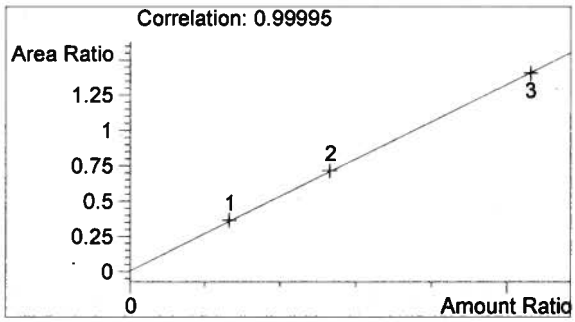
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:05:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

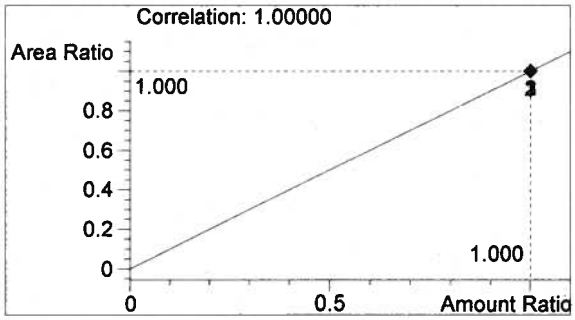
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2409	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

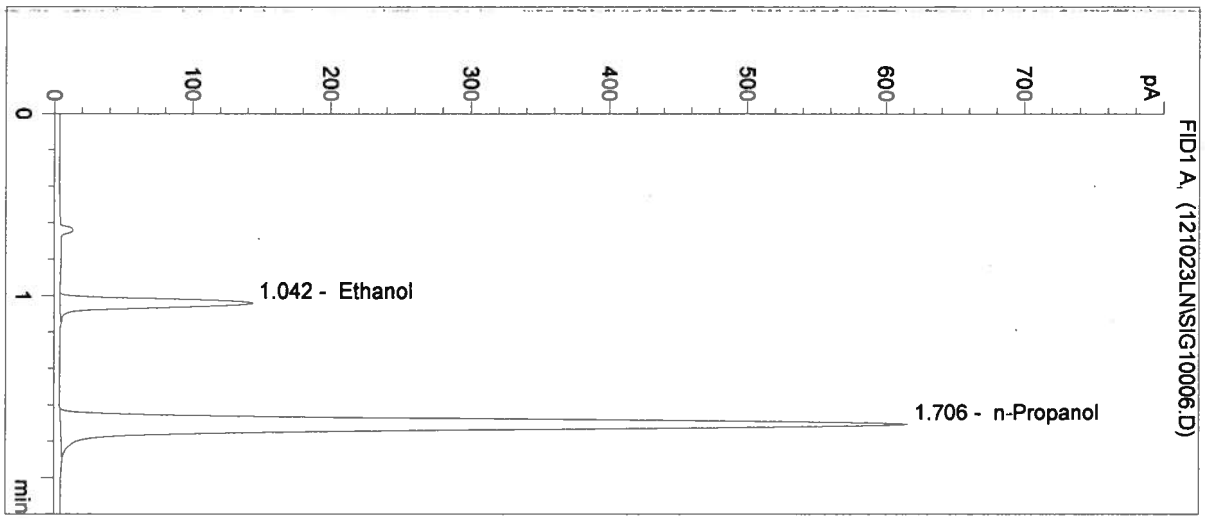
12045

fn

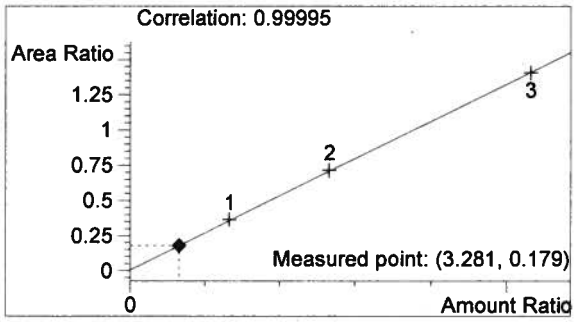
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:08:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

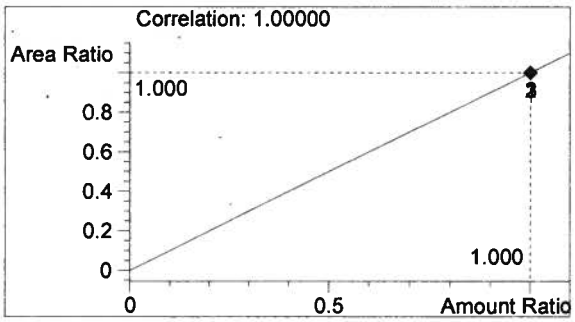
Sample Name: 0.04 CTRL - LN
Operator: Lisa Noble
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	434	1.042
2	n-Propanol	2421	1.706



Ethanol 0.039 g/100mL



n-Propanol 0.012 g/100mL

12045

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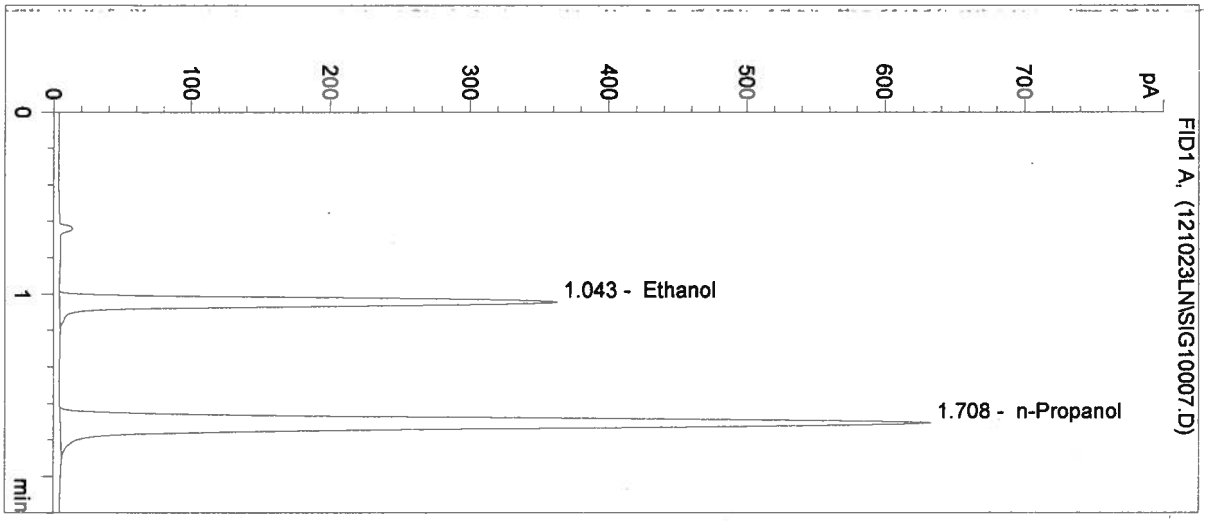
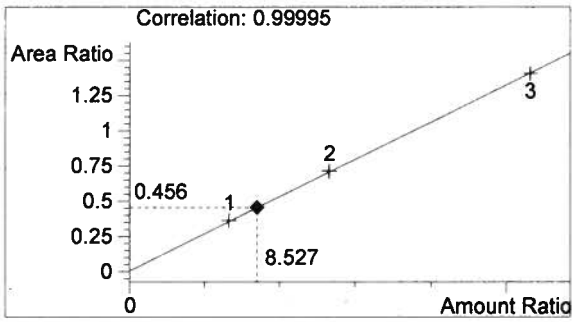
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:11:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

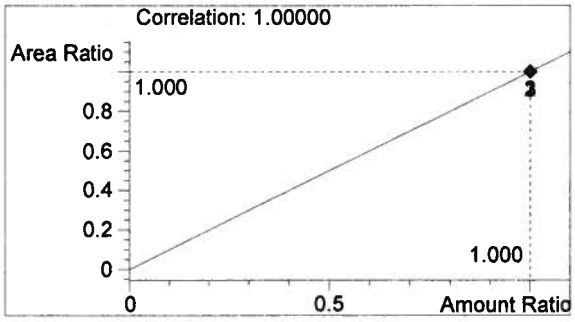
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.043
2	n-Propanol	2486	1.708



Ethanol 0.102 g/100mL



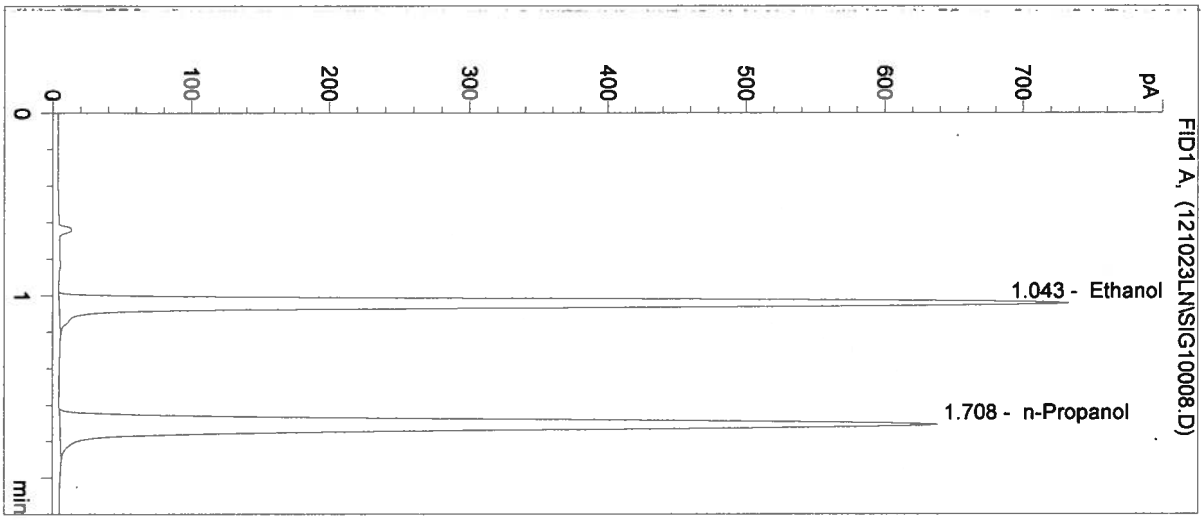
n-Propanol 0.012 g/100mL

12045

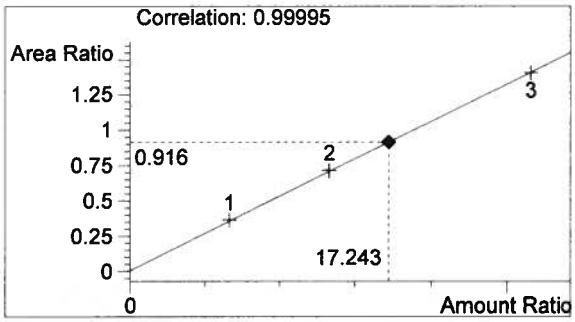
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:14:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

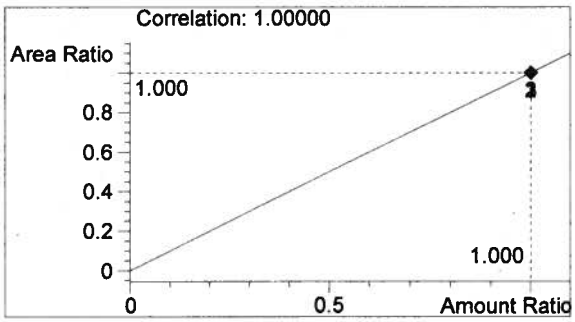
Sample Name: 0.20 CTRL - LN
Operator: Lisa Noble
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2303	1.043
2	n-Propanol	2515	1.708



Ethanol 0.207 g/100mL



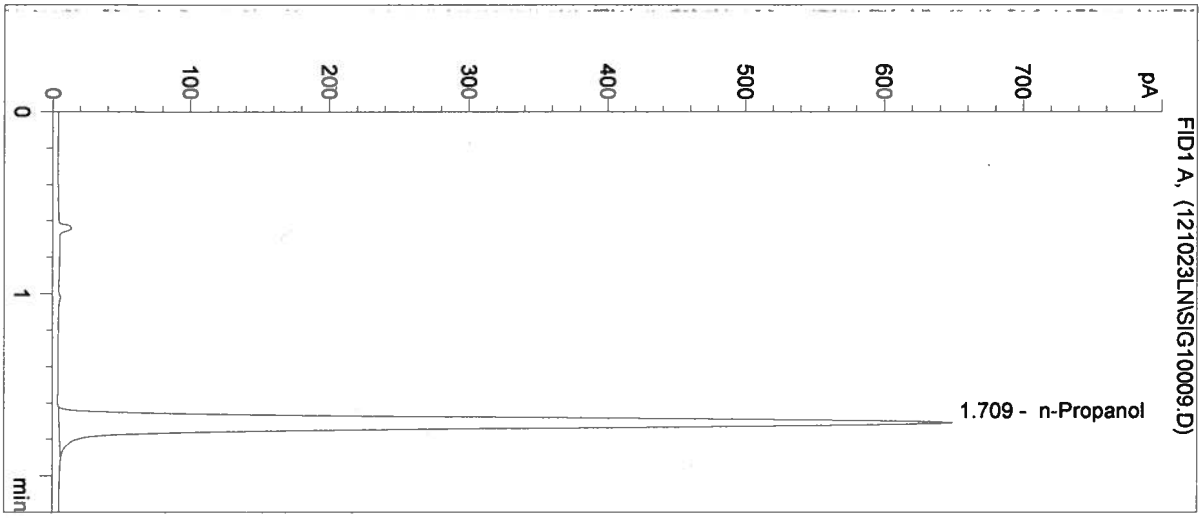
n-Propanol 0.012 g/100mL

12045

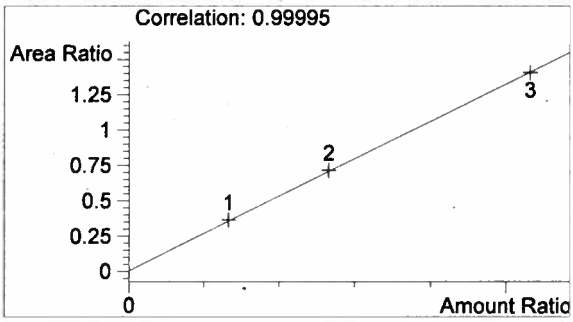
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:17:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

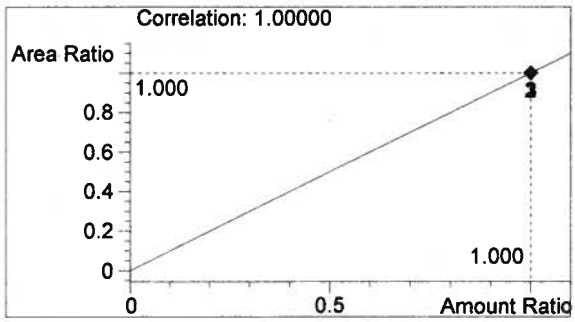
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2565	1.709



Ethanol 0.000 g/100mL



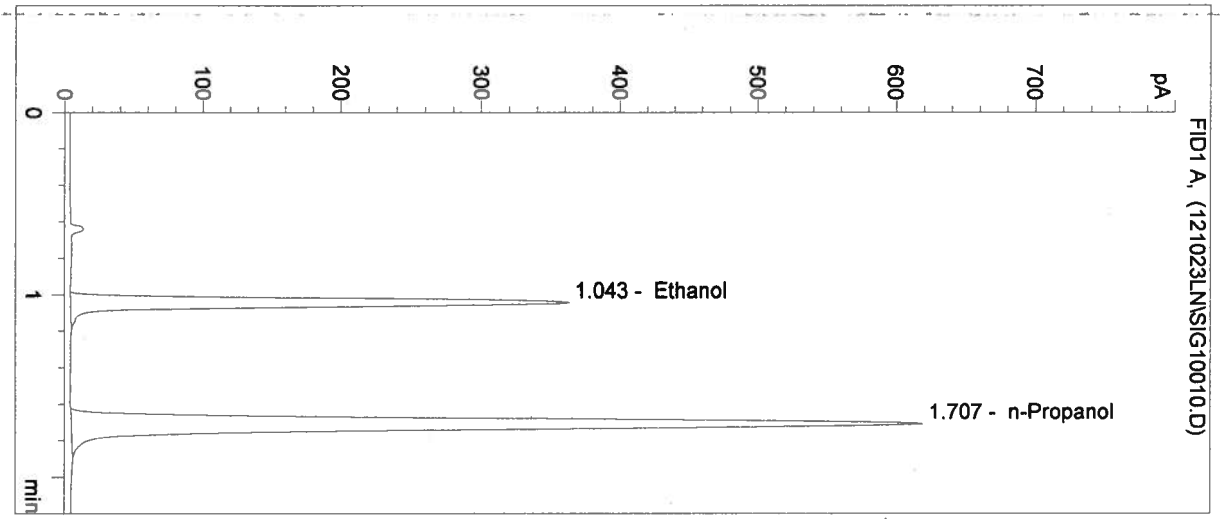
n-Propanol 0.012 g/100mL

12045

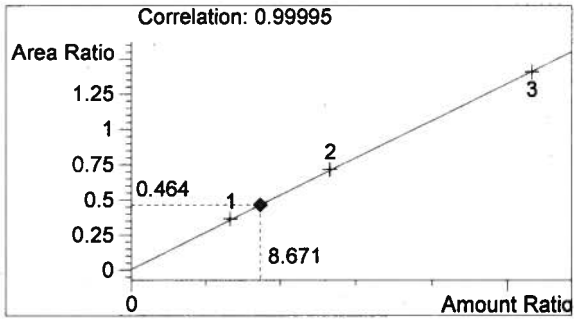
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:20:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

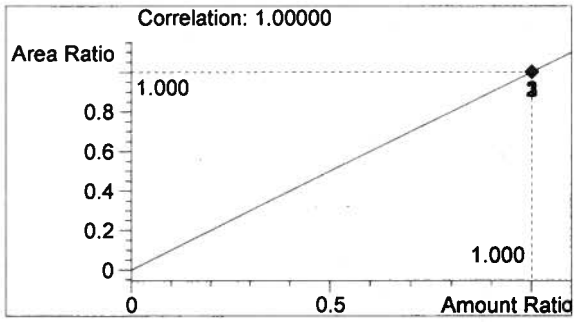
Sample Name: 12045 #1
Operator: Lisa Noble
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.043
2	n-Propanol	2435	1.707



Ethanol 0.104 g/100mL



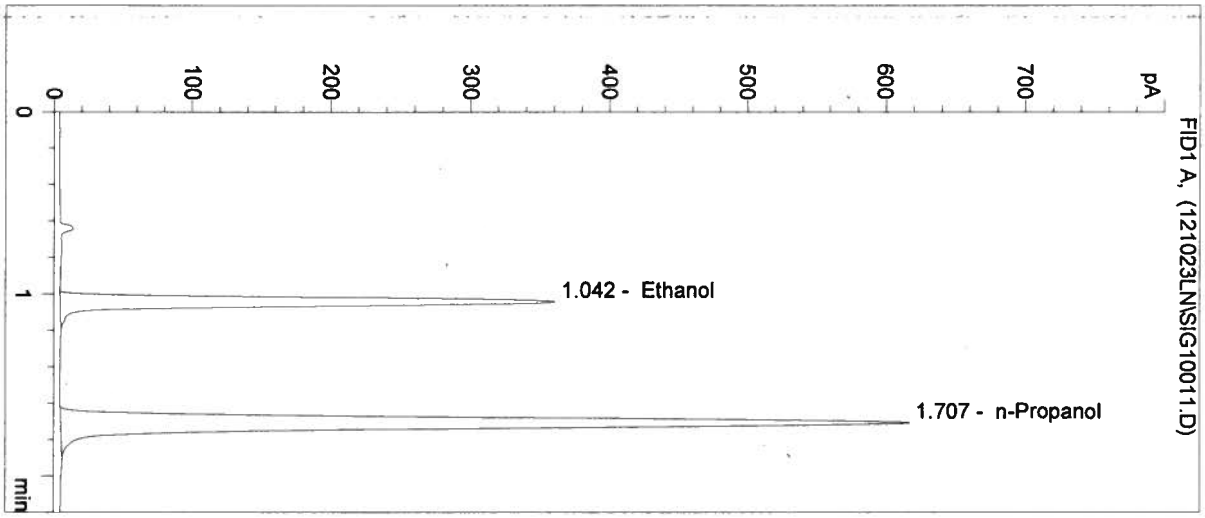
n-Propanol 0.012 g/100mL

ln

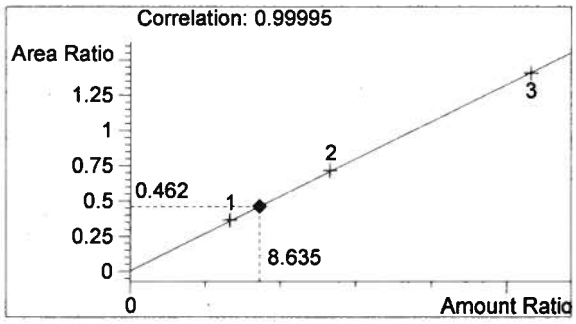
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:23:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

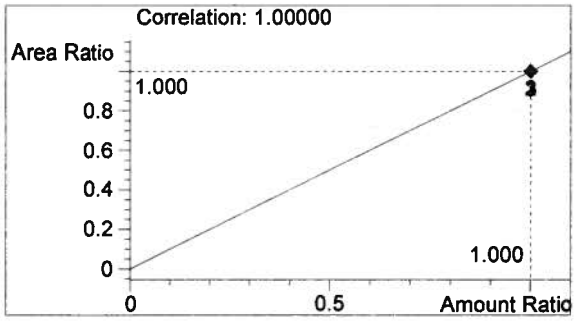
Sample Name: 12045 #2
Operator: Lisa Noble
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.042
2	n-Propanol	2424	1.707



Ethanol 0.104 g/100mL



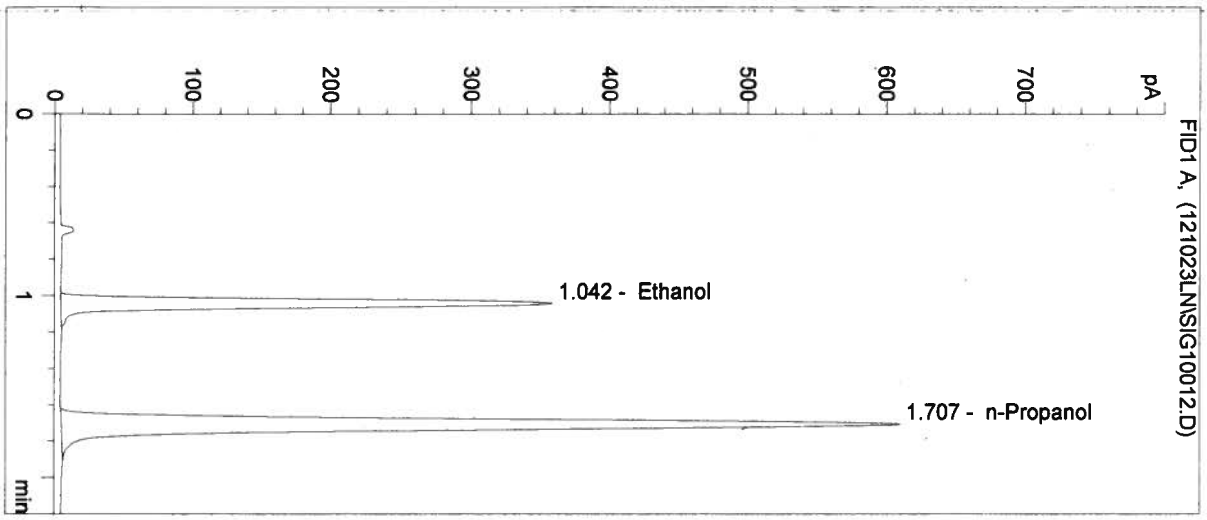
n-Propanol 0.012 g/100mL

fr

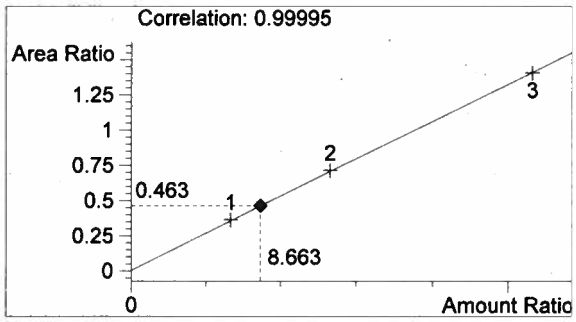
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:26:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

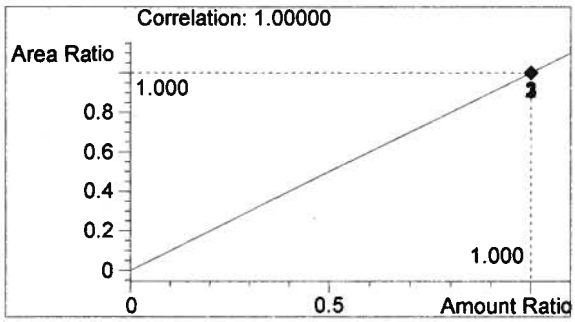
Sample Name: 12045 #3
Operator: Lisa Noble
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.042
2	n-Propanol	2395	1.707



Ethanol 0.104 g/100mL



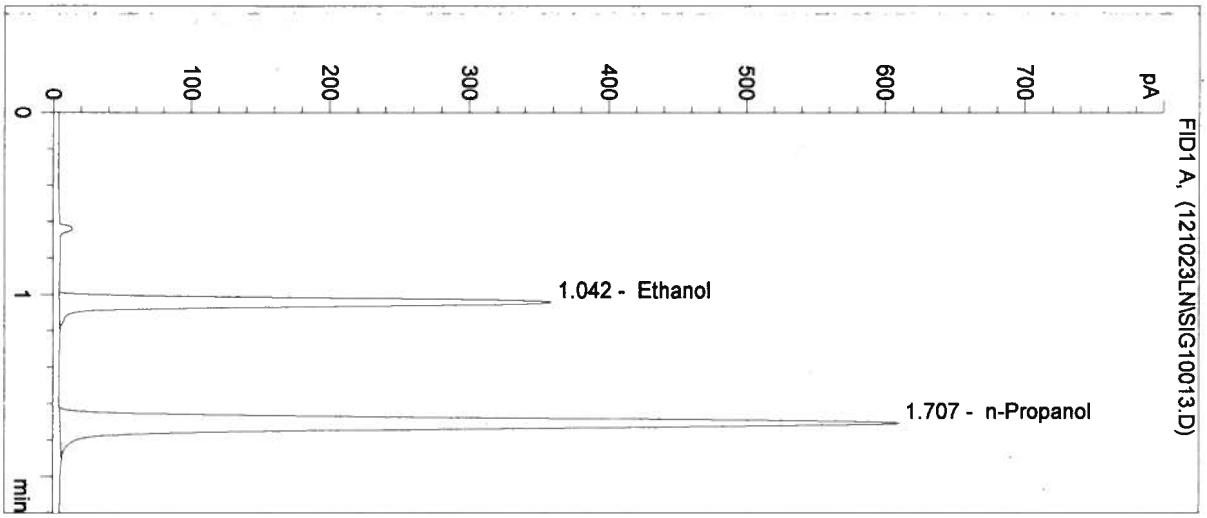
n-Propanol 0.012 g/100mL

fn

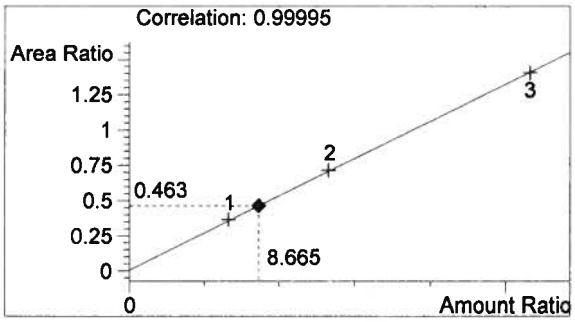
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:29:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

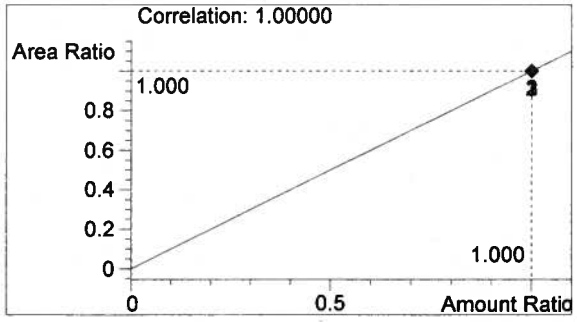
Sample Name: 12045 #4
Operator: Lisa Noble
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.042
2	n-Propanol	2396	1.707



Ethanol 0.104 g/100mL

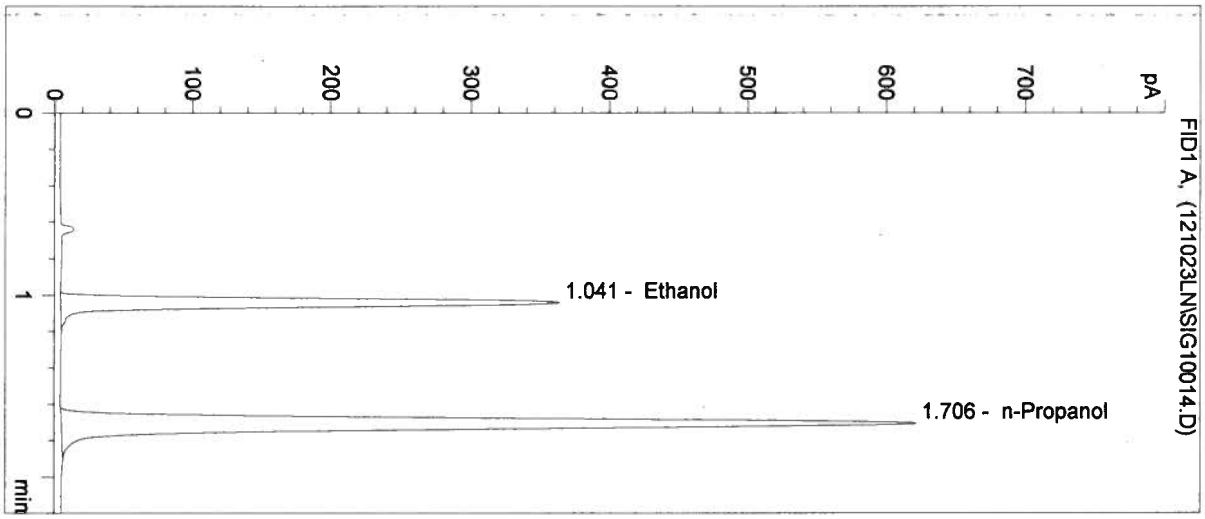


n-Propanol 0.012 g/100mL

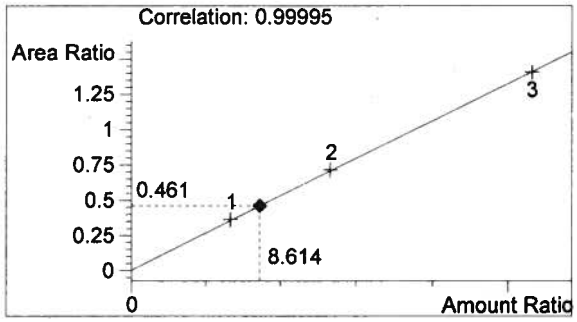
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:32:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

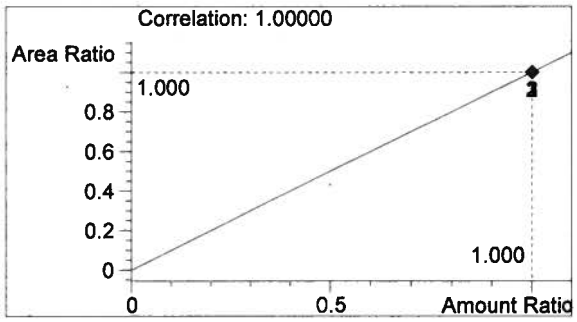
Sample Name: 12045 #5
Operator: Lisa Noble
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.041
2	n-Propanol	2440	1.706



Ethanol 0.103 g/100mL

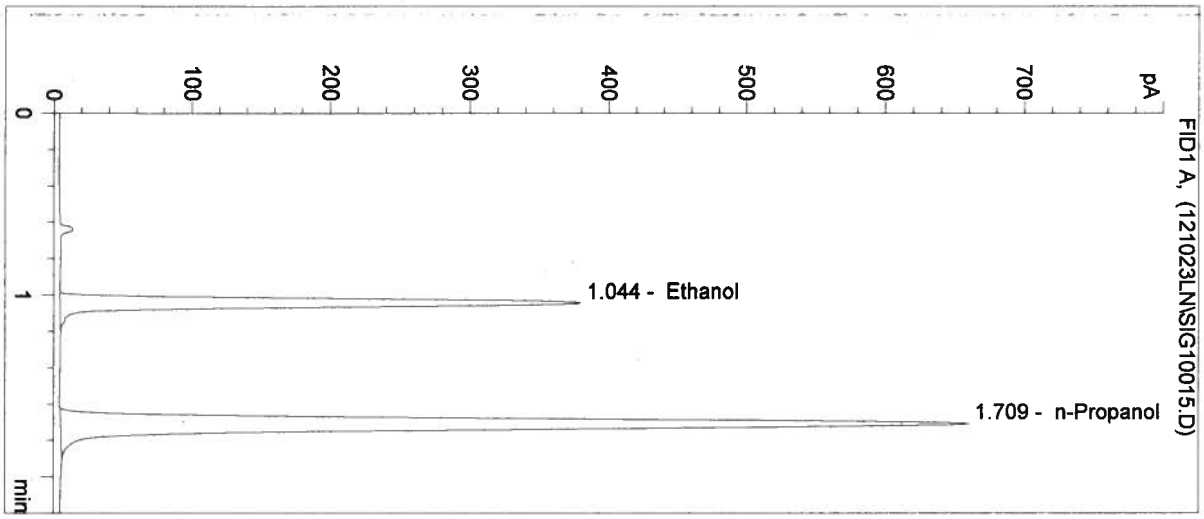


n-Propanol 0.012 g/100mL

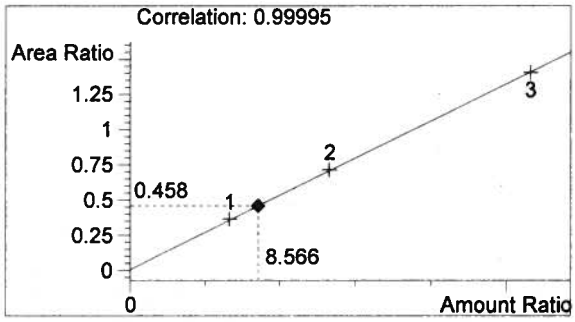
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:35:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

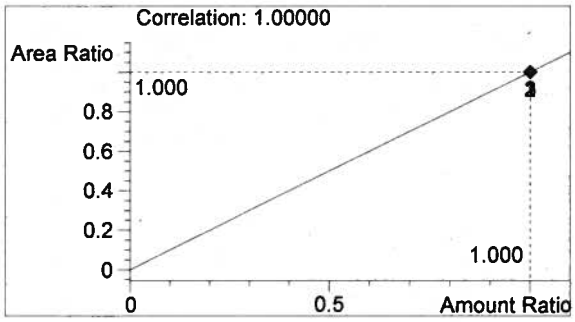
Sample Name: 0.10 CTRL - LN
Operator: Lisa Noble
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1191	1.044
2	n-Propanol	2599	1.709



Ethanol 0.103 g/100mL



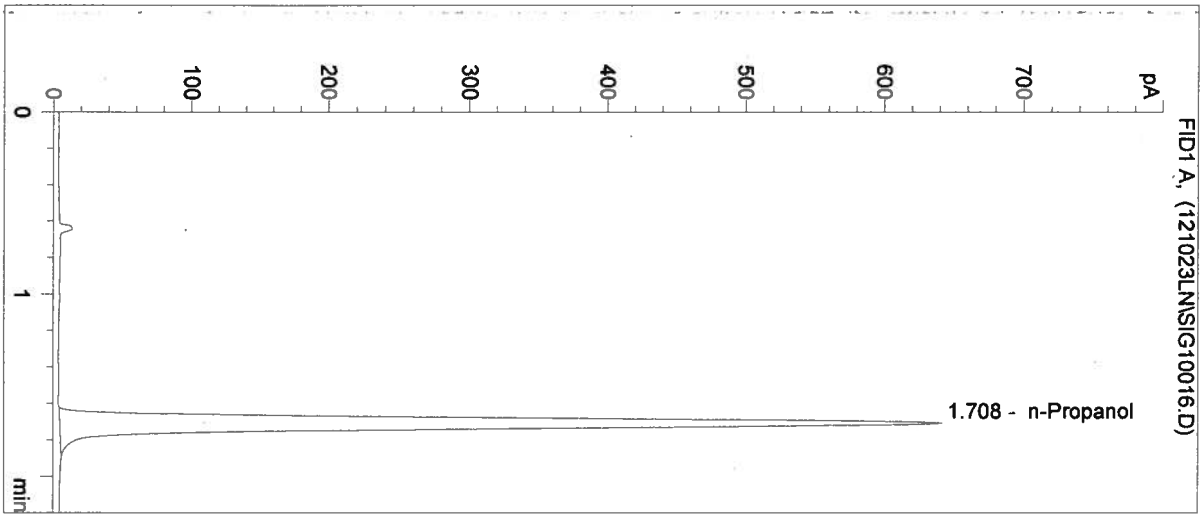
n-Propanol 0.012 g/100mL

12045

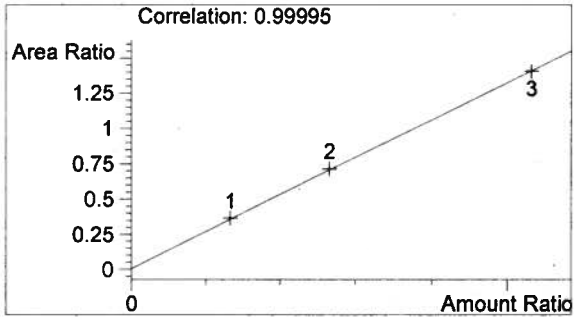
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/23/2012 3:38:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

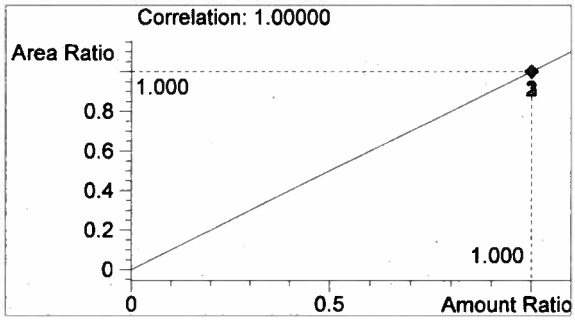
Sample Name: NEG CTRL - LN
Operator: Lisa Noble
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2520	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121025BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 - Lot: E0912-01 - exp 3/6/2013
Cal 2 - Lot: E0912-02 - exp 3/6/2013
Cal 3 - Lot: E0912-03 - exp 3/6/2013
CTRL 1: 0.04 g/100 mL - Lot # A077459 - exp 02/2015
CTRL 2: 0.10 g/100 mL - Lot # A083355 - exp 12/2015
CTRL 3: 0.20 g/100 mL - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P1012 - exp: 1/22/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Calib		
3	Vial 3	CAL 2 (0.158)	SIMALC1	1	Calib		
4	Vial 4	CAL 3 (0.316)	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
6	Vial 6	CTRL 1 (0.04)-BO	SIMALC1	1	Ctrl Samp		
7	Vial 7	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
8	Vial 8	CTRL 3 (0.20)-BO	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045 #1	SIMALC1	1	Sample		
11	Vial 11	12045 #2	SIMALC1	1	Sample		
12	Vial 12	12045 #3	SIMALC1	1	Sample		
13	Vial 13	12045 #4	SIMALC1	1	Sample		
14	Vial 14	12045 #5	SIMALC1	1	Sample		
15	Vial 15	CTRL 2 (0.10)-BO	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BO	SIMALC1	1	Ctrl Samp		

12045

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL 1 (0.079)	SIMALC1	1	Replace	Replace	
3	Vial 3	CAL 2 (0.158)	SIMALC1	2	Replace	Replace	
4	Vial 4	CAL 3 (0.316)	SIMALC1	3	Replace	Replace	

BEO

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

Sequence Table (Back Injector):

No entries - empty table!

12045

Method C:\HPCHEM\1\METHODS\SIMALC1.M

Calibration Table

Calib. Data Modified : Thursday, October 25, 2012 10:02:27 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
1.043	1	1	7.98400e-2	929.04883	8.59374e-5	1		Ethanol
		2	1.59780e-1	1781.85278	8.96707e-5			
		3	3.19310e-1	3714.84155	8.59552e-5			
1.707	1	1	1.20000e-2	2537.96338	4.72820e-6	I1		n-Propanol
		2	1.20000e-2	2459.36597	4.87931e-6			
		3	1.20000e-2	2564.18262	4.67985e-6			

Peak Sum Table

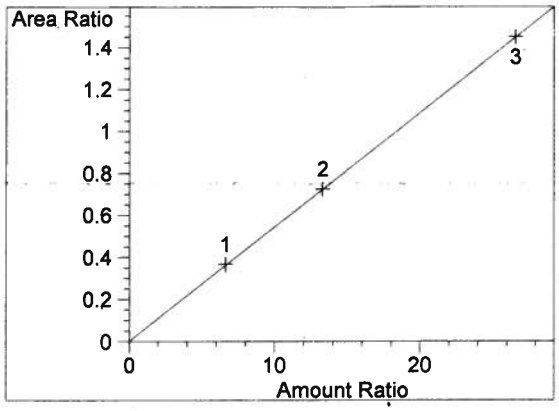
No Entries in table

12045

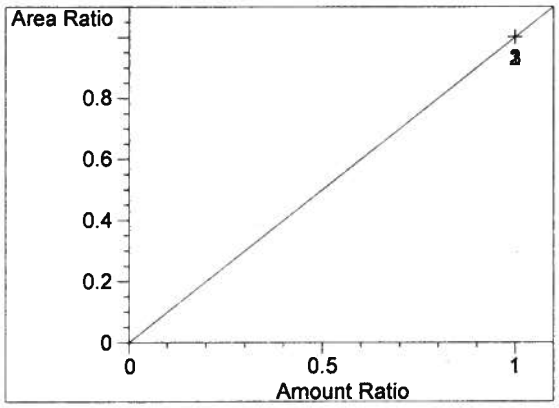
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00233
Formula: y = mx + b
m: 5.43942e-2
b: 1.44344e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.707
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

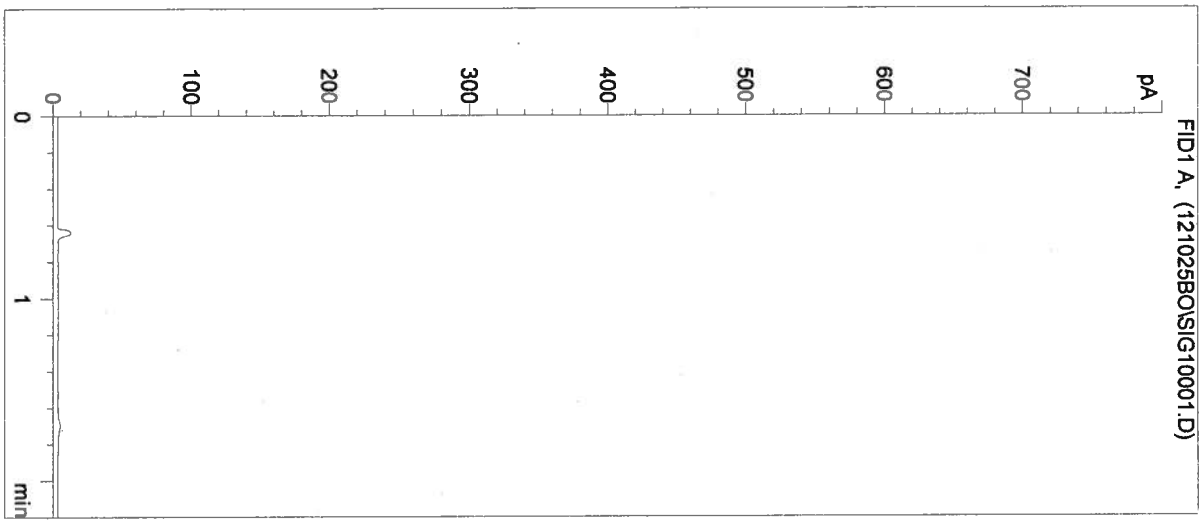
==========

12045

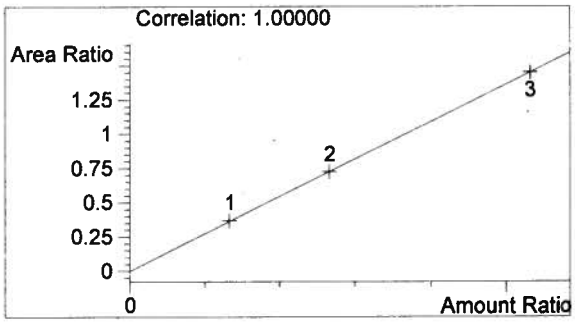
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 9:51:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

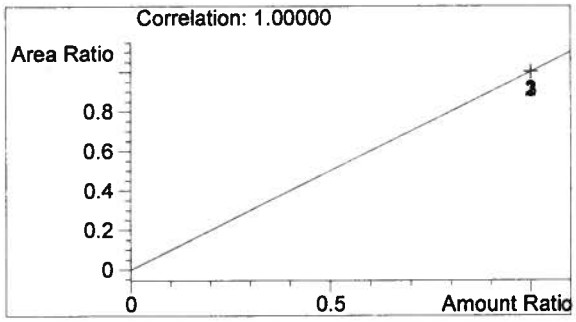
Sample Name: BLANK
Operator: Brianne E. O'Reilly
Location: Vial 1



#	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

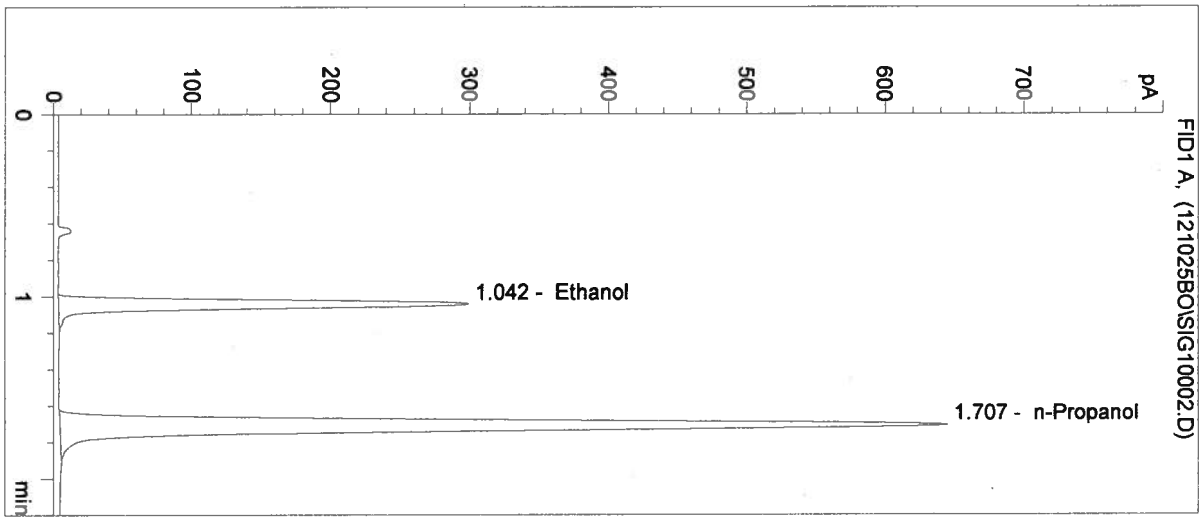
12045

BED

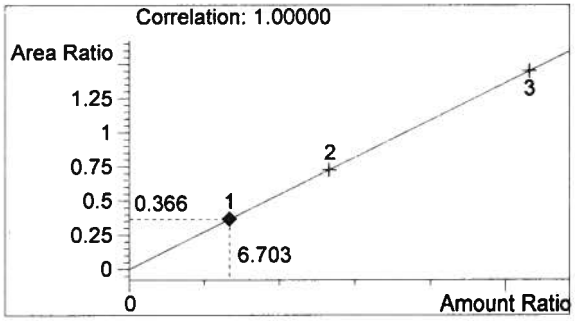
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 9:54:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 1: 0.079 g/100 mL

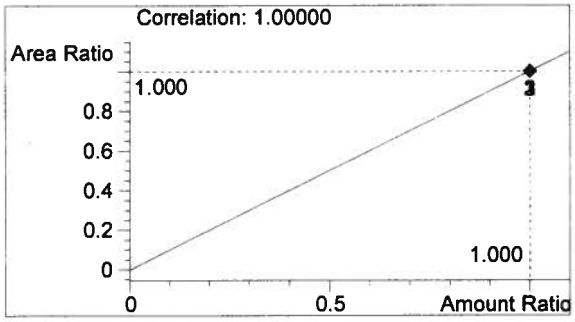
Sample Name: CAL 1 (0.079)
Operator: Brianne E. O'Reilly
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	929	1.042
2	n-Propanol	2538	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

12045

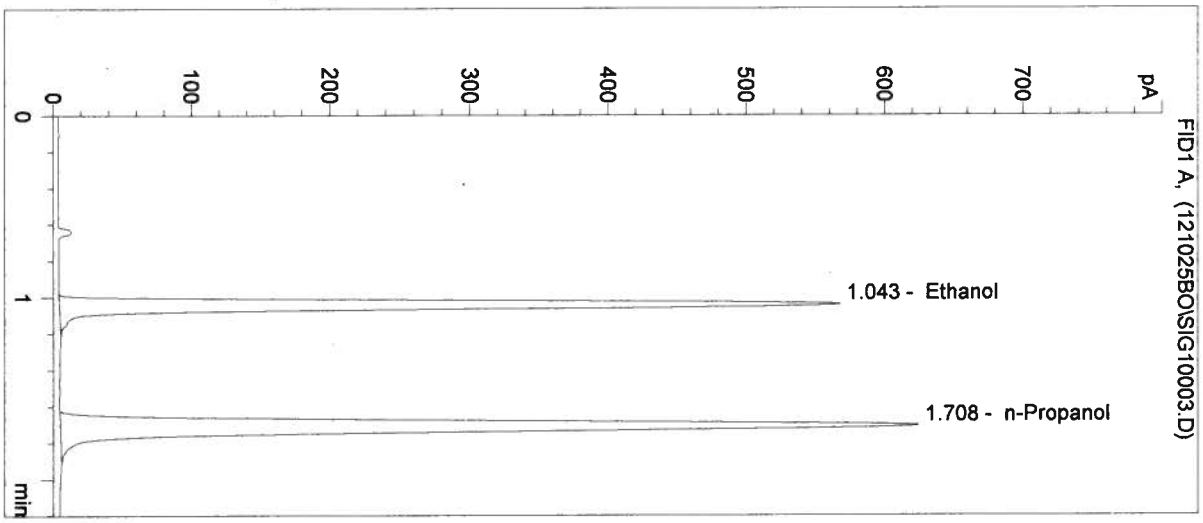
BUD

Data File: C:\HPCHEM\1\DATA\121025BO\SIG10002.D

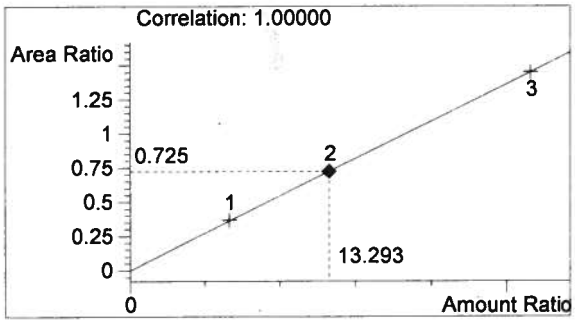
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 9:57:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 2 0.158 g/100 mL

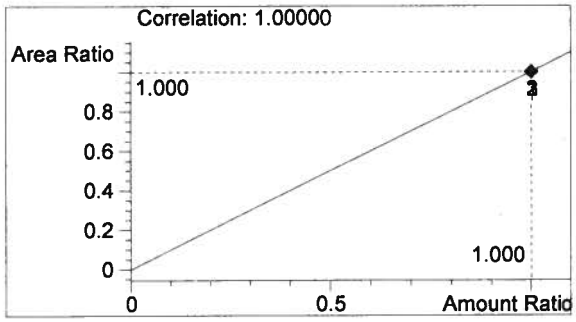
Sample Name: CAL 2 (0.158)
Operator: Brianne E. O'Reilly
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1782	1.043
2	n-Propanol	2459	1.708



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

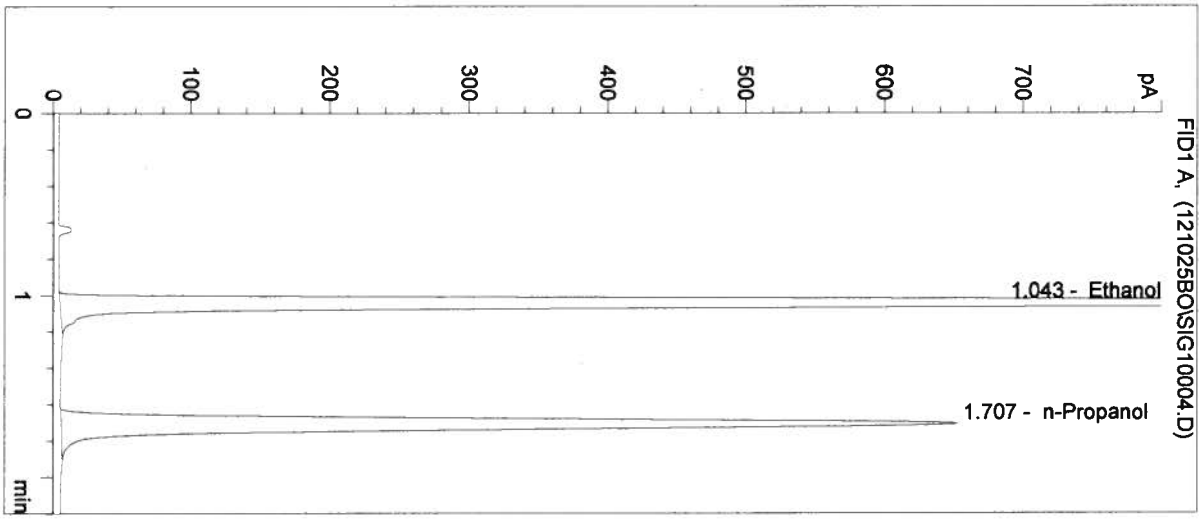
12045

BLD

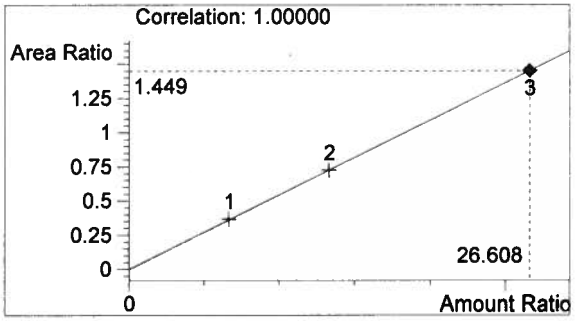
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:00:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CAL 3: 0.316 g/100 mL

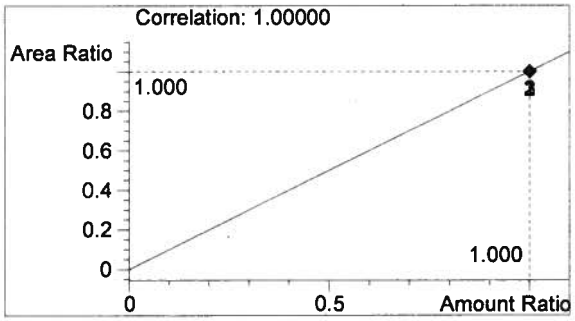
Sample Name: CAL 3 (0.316)
Operator: Brianne E. O'Reilly
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3715	1.043
2	n-Propanol	2564	1.707



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

12045

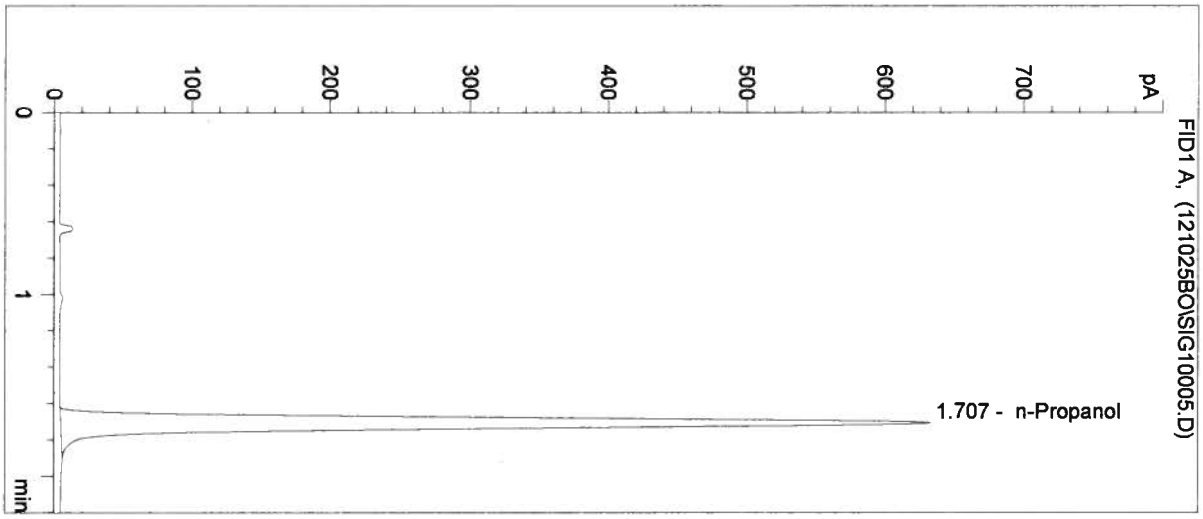
BED

Data File: C:\HPCHEM\1\DATA\121025BO\SIG10004.D

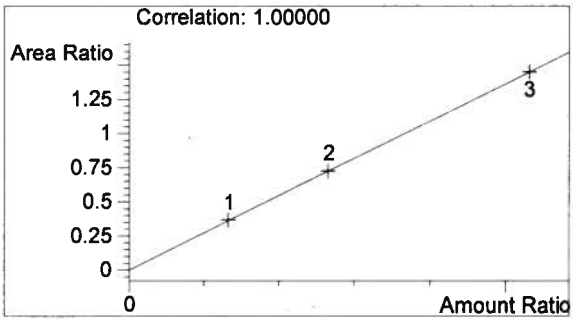
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:03:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

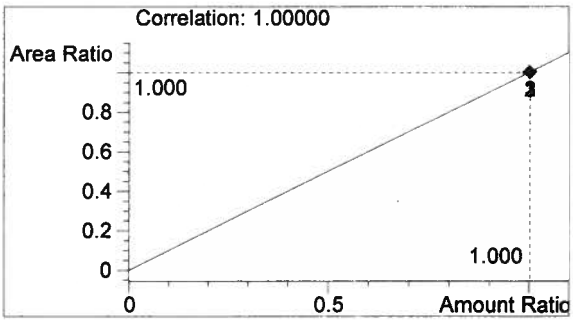
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2490	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

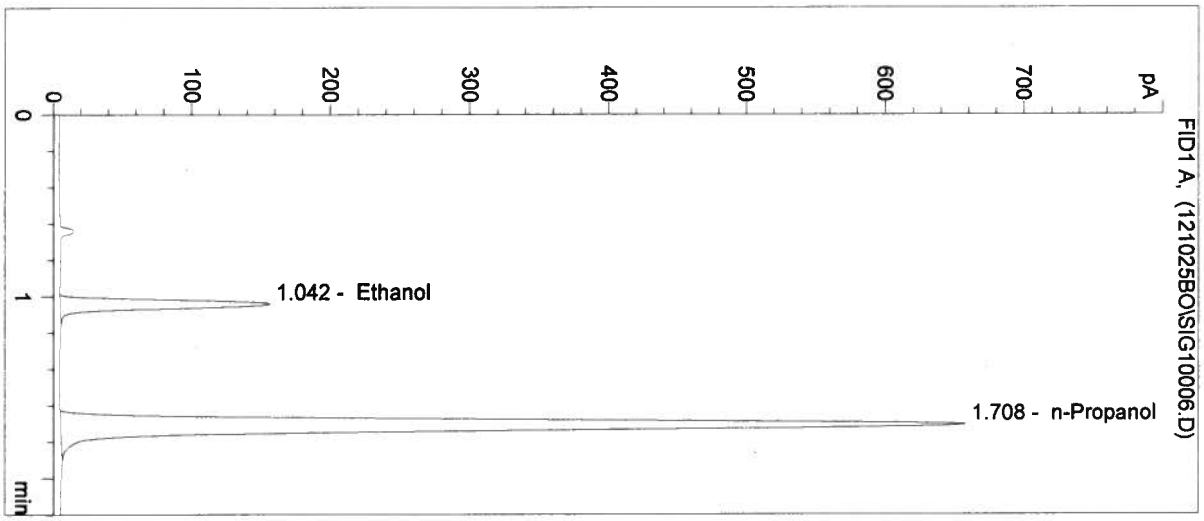
12045

BUD

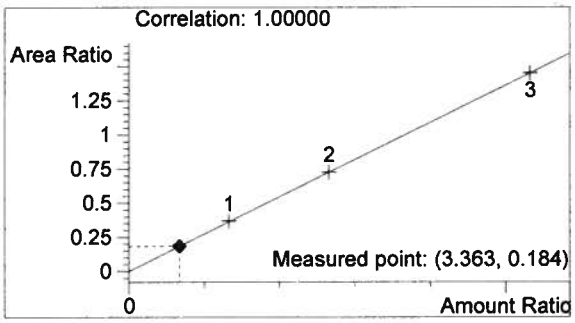
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:06:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 1: 0.04 g/100 mL

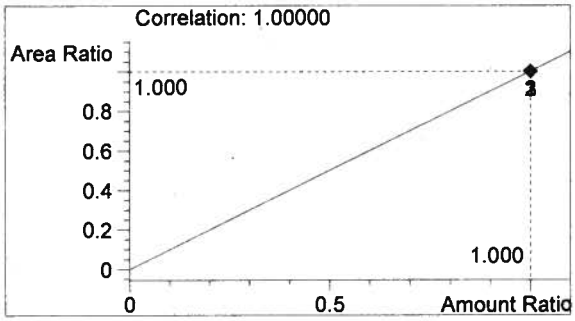
Sample Name: CTRL 1 (0.04)-BO
Operator: Brianne E. O'Reilly
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	478	1.042
2	n-Propanol	2593	1.708



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

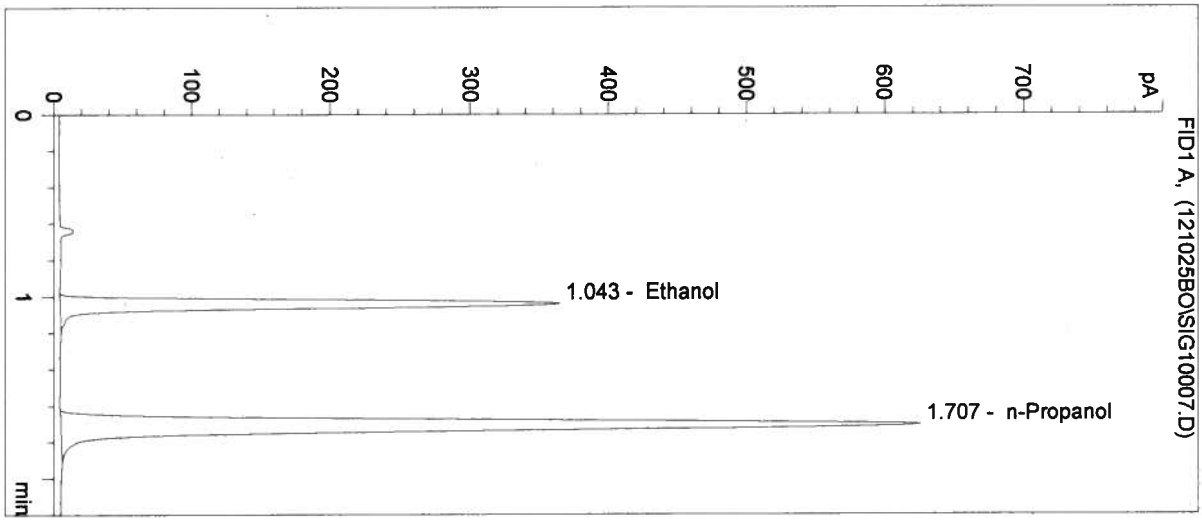
12045

BWO

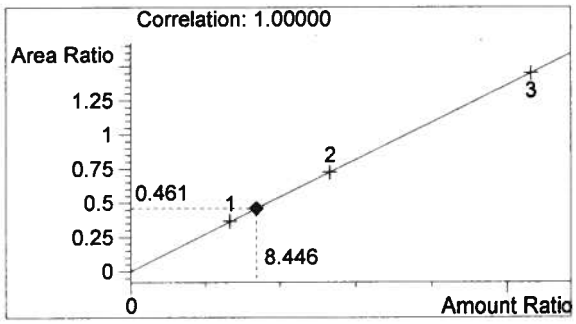
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:09:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

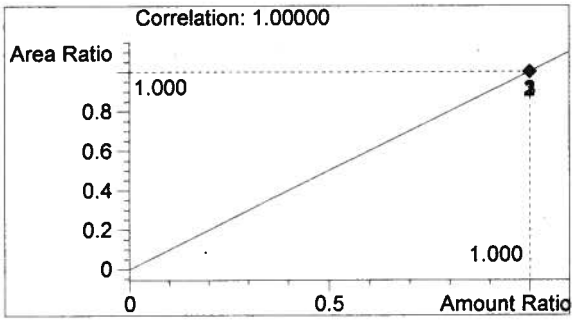
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1135	1.043
2	n-Propanol	2462	1.707



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

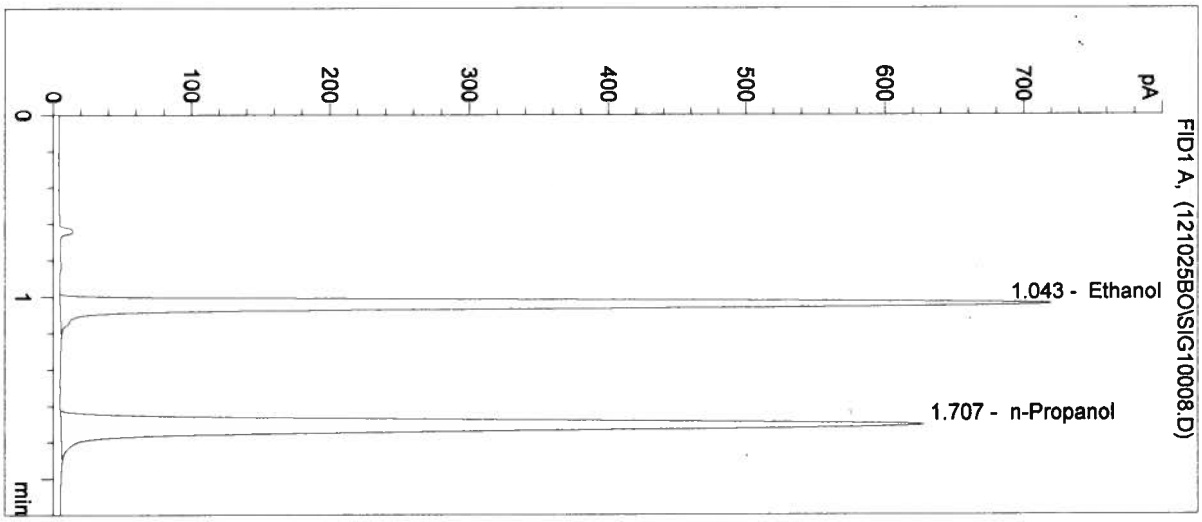
12045

BW

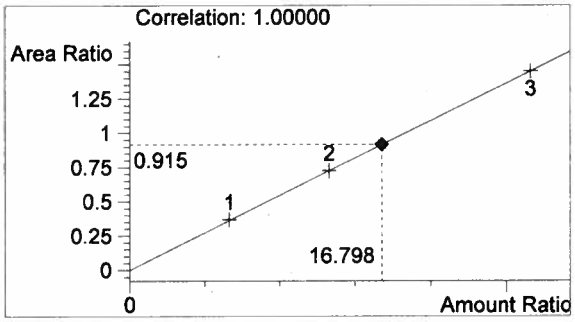
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:12:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 3: 0.20 g/100 mL

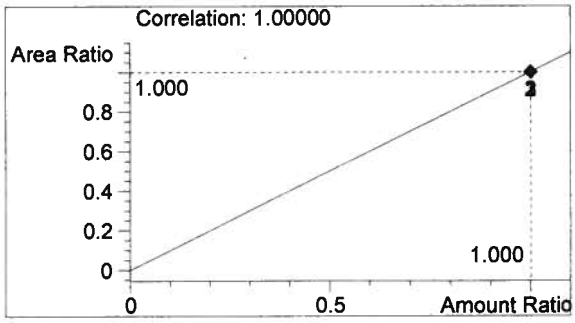
Sample Name: CTRL 3 (0.20)-BO
Operator: Brianne E. O'Reilly
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2262	1.043
2	n-Propanol	2471	1.707



Ethanol 0.202 g/100mL



n-Propanol 0.012 g/100mL

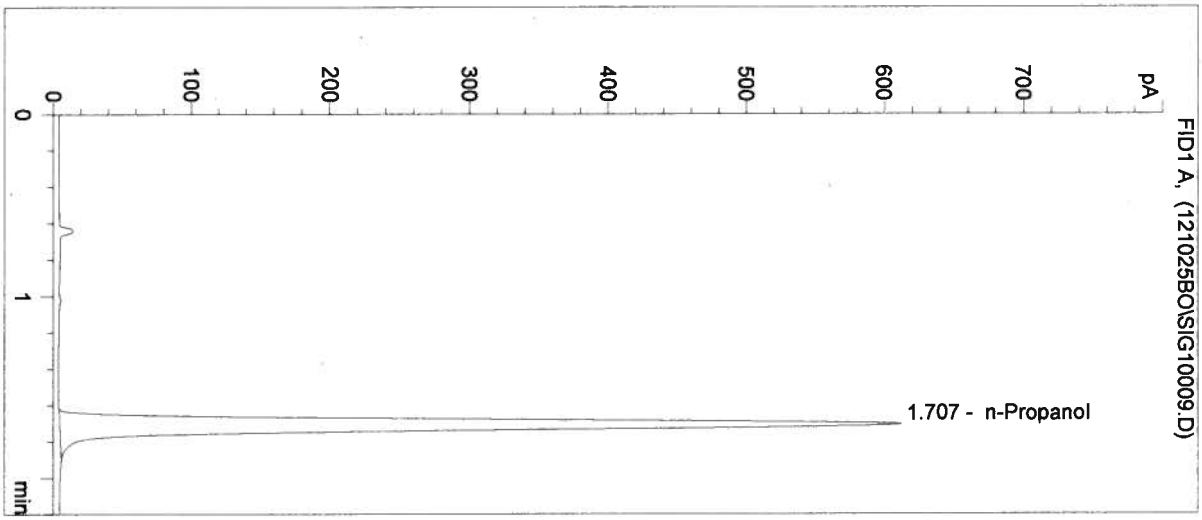
12045

BW

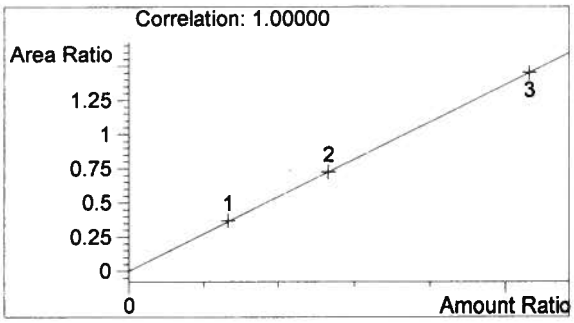
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:15:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

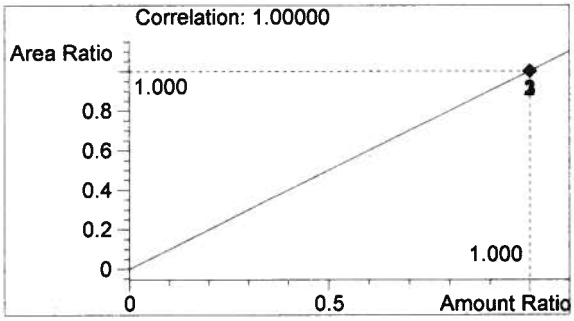
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2408	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

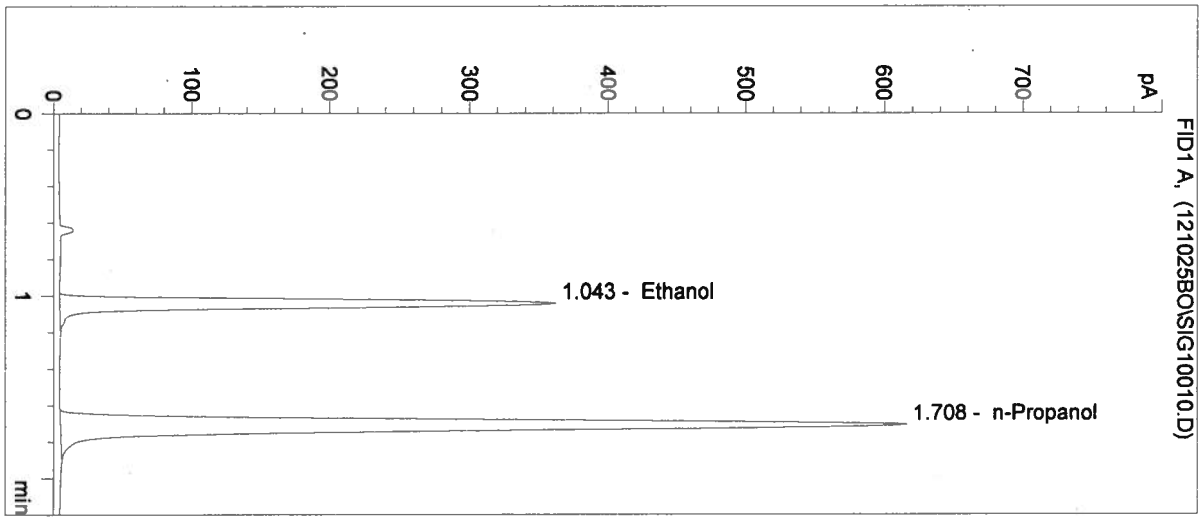
Data File: C:\HPCHEM\1\DATA\121025BO\SIG10009.D

BW

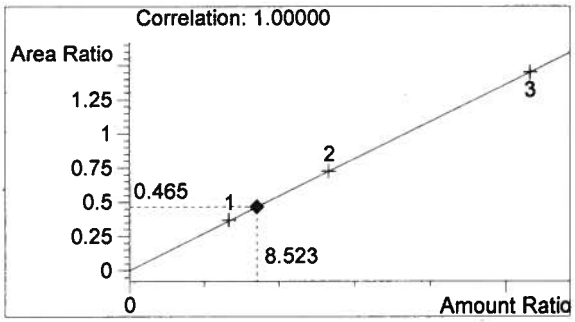
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:18:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

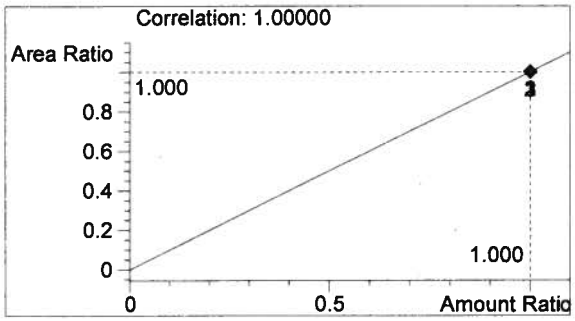
Sample Name: 12045 #1
Operator: Brianne E. O'Reilly
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.043
2	n-Propanol	2429	1.708



Ethanol 0.102 g/100mL



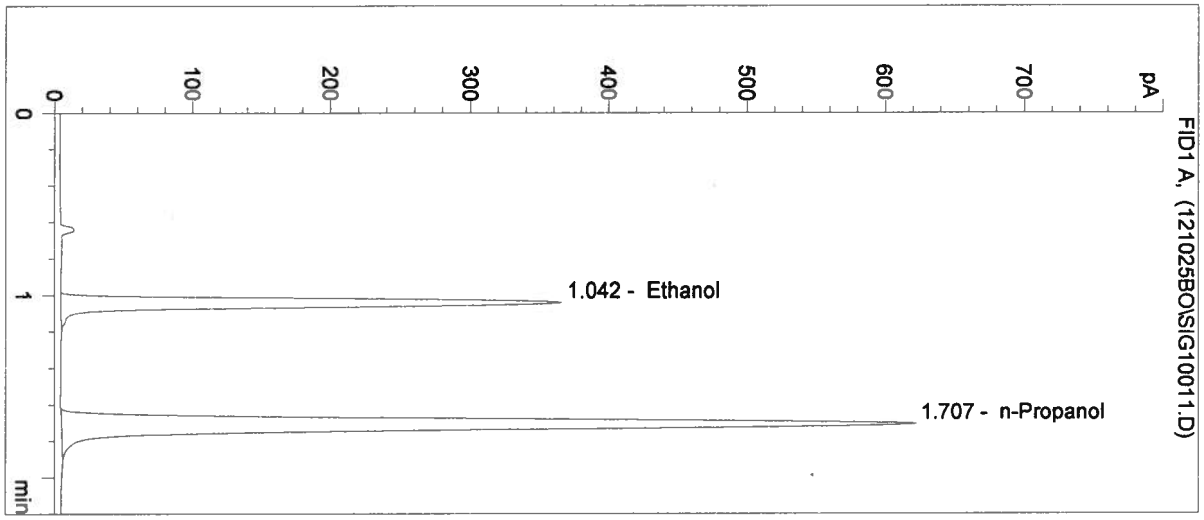
n-Propanol 0.012 g/100mL

BW

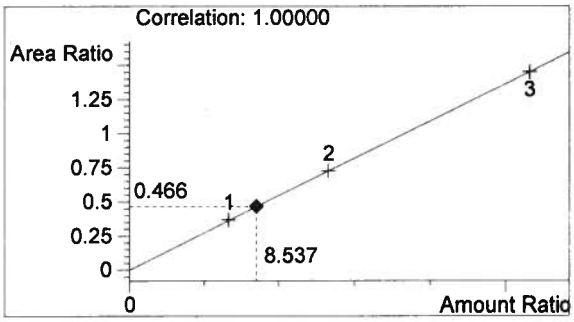
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:21:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

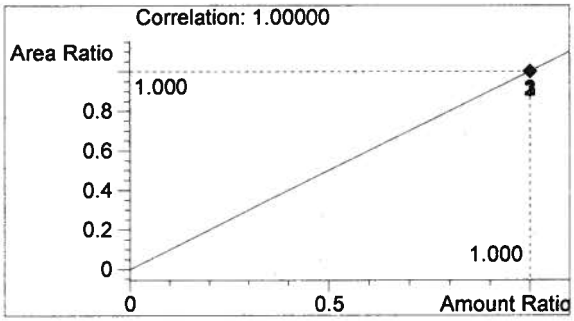
Sample Name: 12045 #2
Operator: Brianne E. O'Reilly
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.042
2	n-Propanol	2446	1.707



Ethanol 0.102 g/100mL



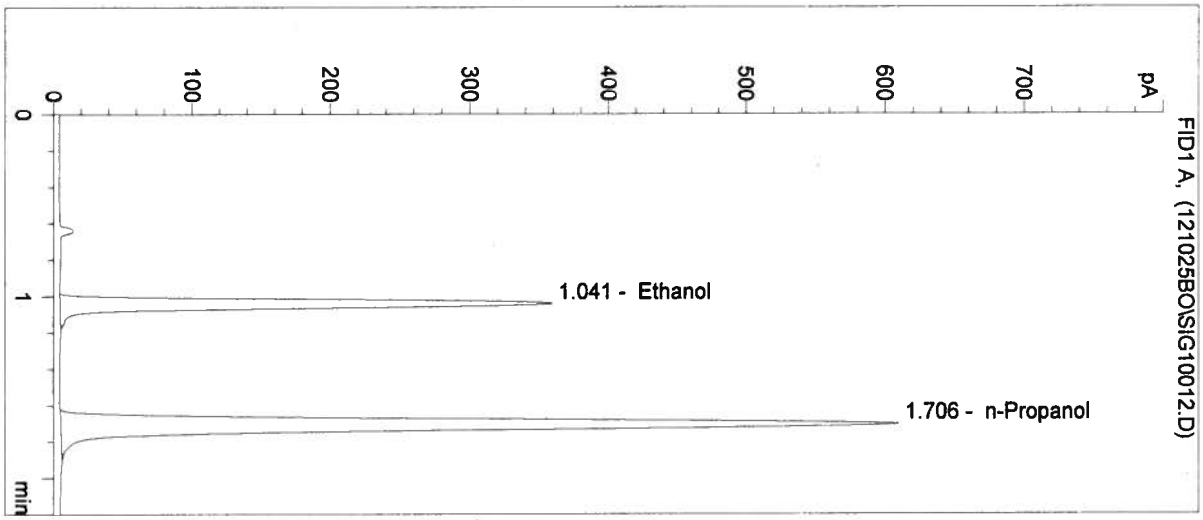
n-Propanol 0.012 g/100mL

BW

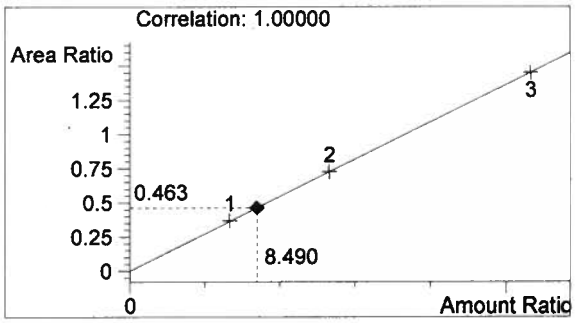
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:24:53 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

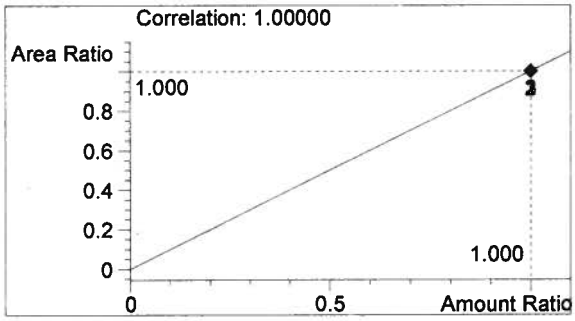
Sample Name: 12045 #3
Operator: Brianne E. O'Reilly
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2396	1.706



Ethanol 0.102 g/100mL



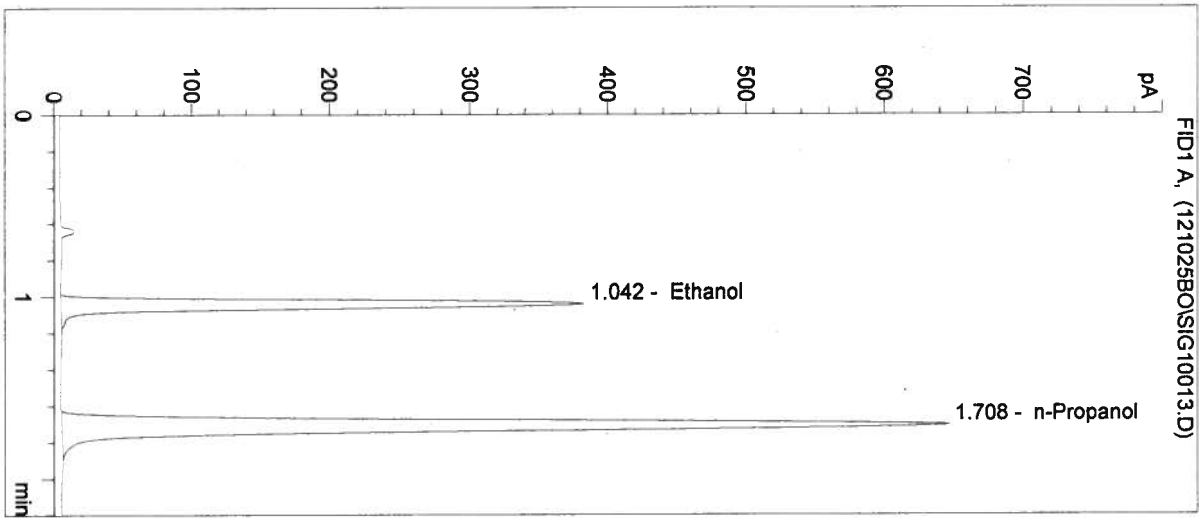
n-Propanol 0.012 g/100mL

BW

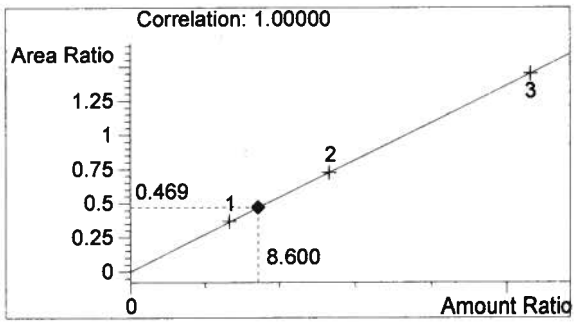
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:27:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

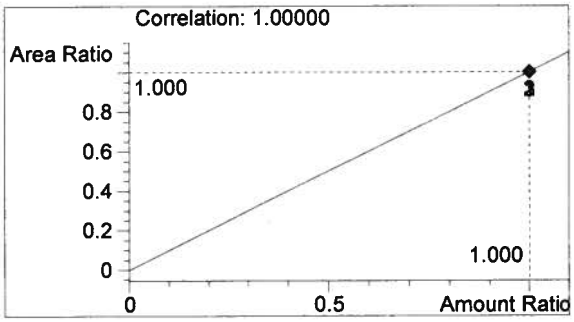
Sample Name: 12045 #4
Operator: Brianne E. O'Reilly
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1194	1.042
2	n-Propanol	2544	1.708



Ethanol 0.103 g/100mL



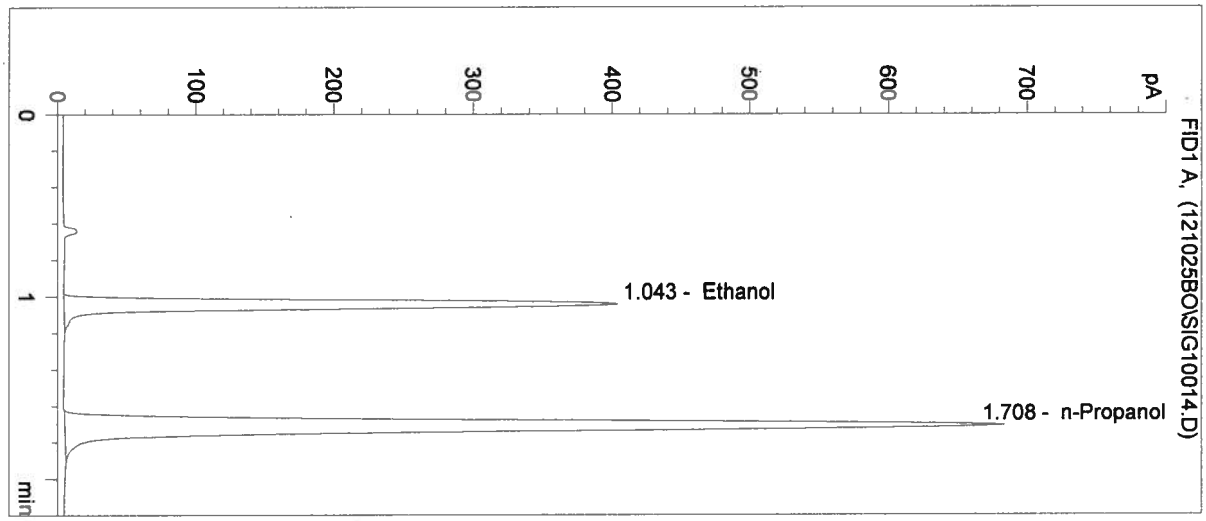
n-Propanol 0.012 g/100mL

BEW

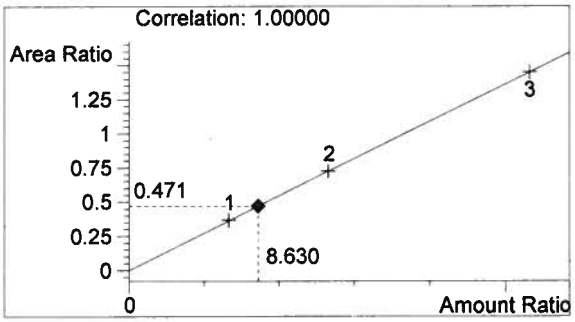
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:31:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

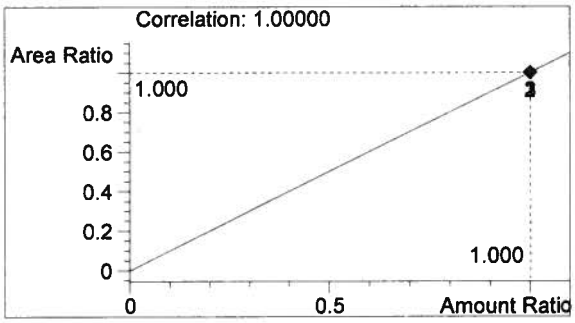
Sample Name: 12045 #5
Operator: Brianne E. O'Reilly
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1270	1.043
2	n-Propanol	2698	1.708



Ethanol 0.104 g/100mL



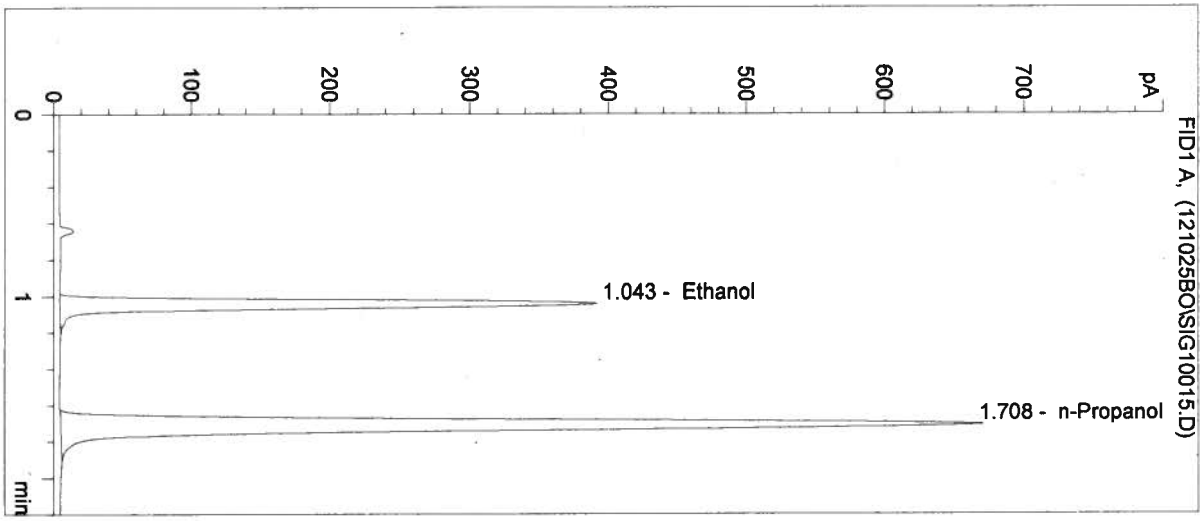
n-Propanol 0.012 g/100mL

BW

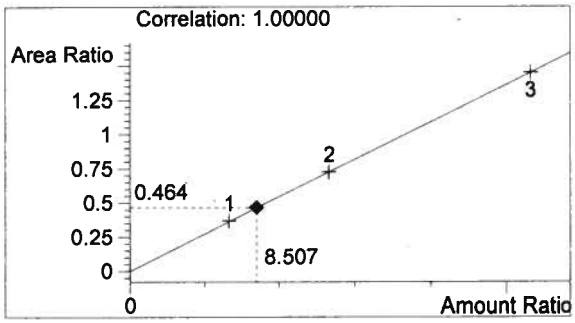
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:34:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: CTRL 2: 0.10 g/100 mL

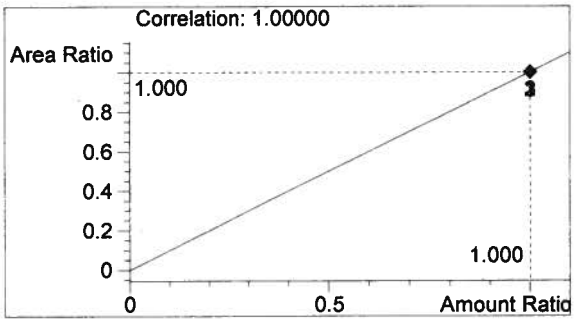
Sample Name: CTRL 2 (0.10)-BO
Operator: Brianne E. O'Reilly
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1228	1.043
2	n-Propanol	2645	1.708



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

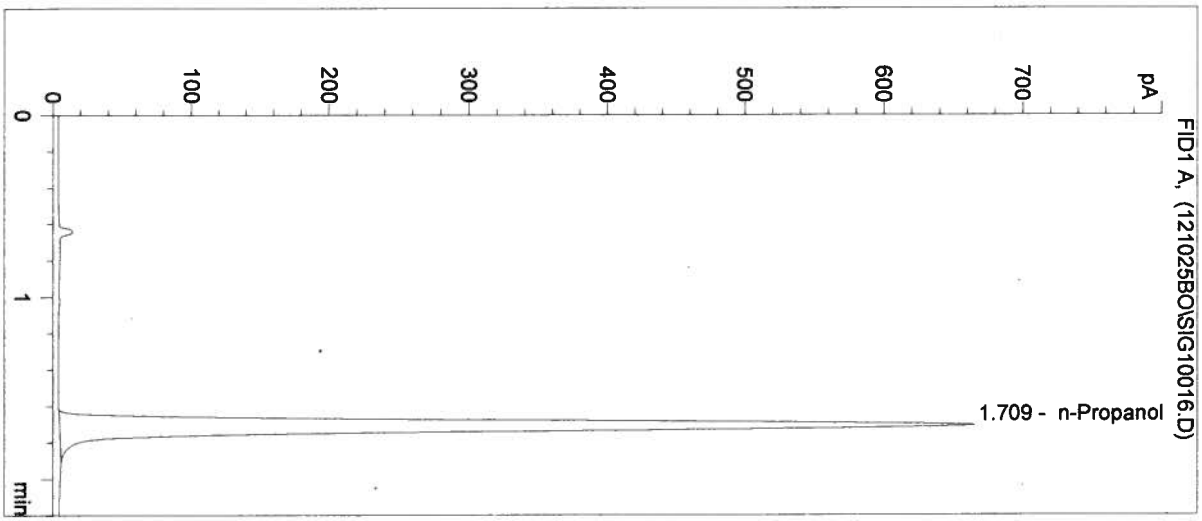
12045

BWO

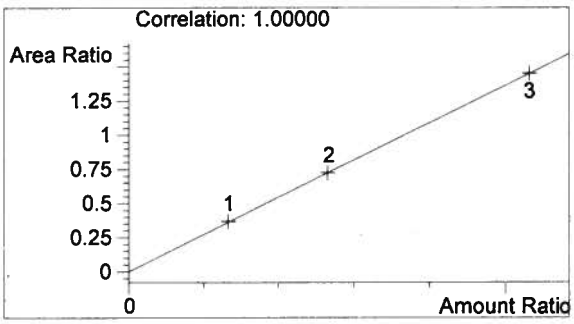
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 10:37:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

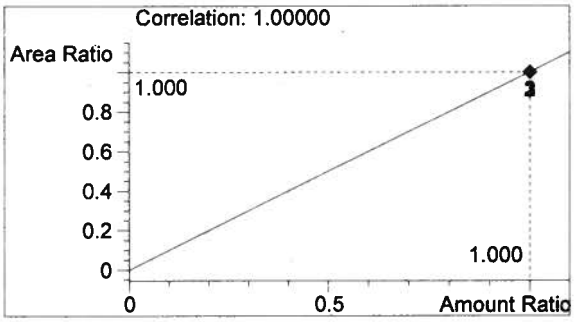
Sample Name: NEG CTRL - BO
Operator: Brianne E. O'Reilly
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2623	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

BW

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

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	121025B2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079g/100mL) Lot#E0912-01 Exp 3/6/13
Cal 2 (0.158g/100mL) Lot#E0912-02 Exp 3/6/13
Cal 3 (0.316g/100mL) Lot#E0912-03 Exp 3/6/13
0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A083355 - Exp. 12/2015
0.20 Control - Lot #A084657 - Exp. 02/2016
ISTD Lot#P1012 Exp 01/22/13

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	12045-1	SIMALC1	1	Sample		
11	Vial 11	12045-2	SIMALC1	1	Sample		
12	Vial 12	12045-3	SIMALC1	1	Sample		
13	Vial 13	12045-4	SIMALC1	1	Sample		
14	Vial 14	12045-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

12045

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC1	3	Replace	Replace	

BB

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

Sequence Table (Back Injector):

No entries - empty table!

121025B2

12045

BB

Method C:\HPCHEM\1\METHODS\SIMALC1.M

12025B2

Calibration Table

Calib. Data Modified : Thursday, October 25, 2012 1:26:46 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
1.041	1	1	7.98400e-2	858.00812	9.30527e-5	1		Ethanol
		2	1.59780e-1	1712.34180	9.33108e-5			
		3	3.19310e-1	3370.27783	9.47429e-5			
1.705	1	1	1.20000e-2	2372.95825	5.05698e-6	I1		n-Propanol
		2	1.20000e-2	2387.52661	5.02612e-6			
		3	1.20000e-2	2384.27930	5.03297e-6			

Peak Sum Table

No Entries in table

12045

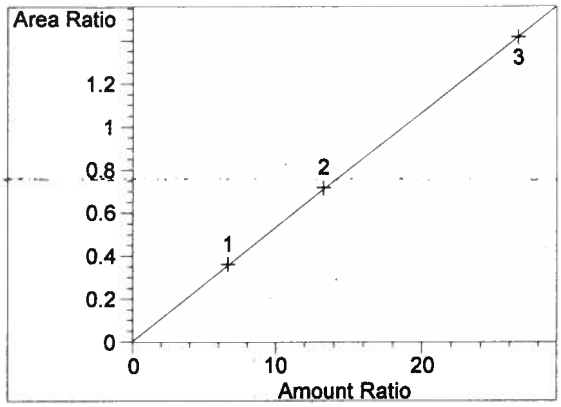
BB

121025B2

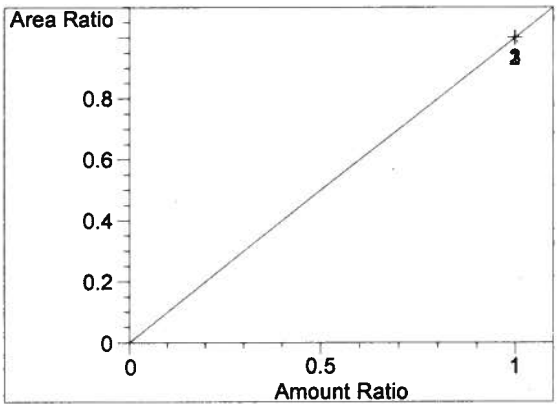
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00637
Formula: y = mx + b
m: 5.30601e-2
b: 5.22883e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.705
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

==========

12045

BB

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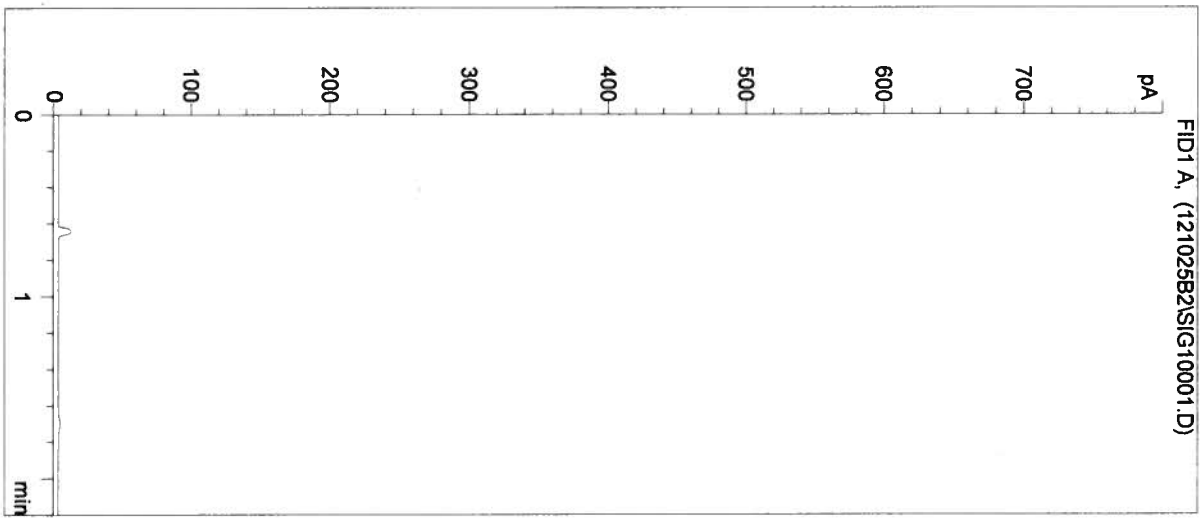
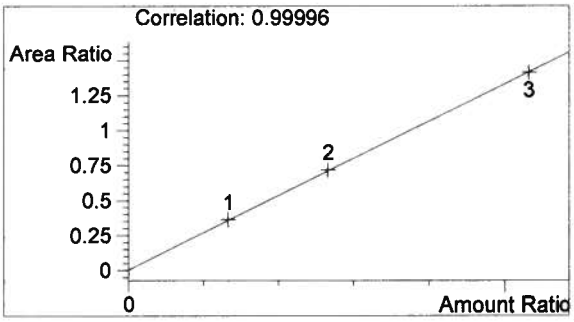
Inj. Date: 10/25/2012 1:15:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

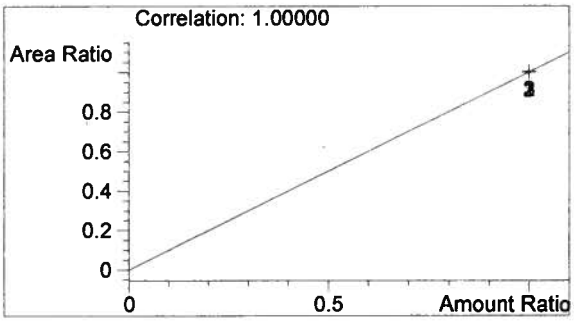
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



#	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

12045

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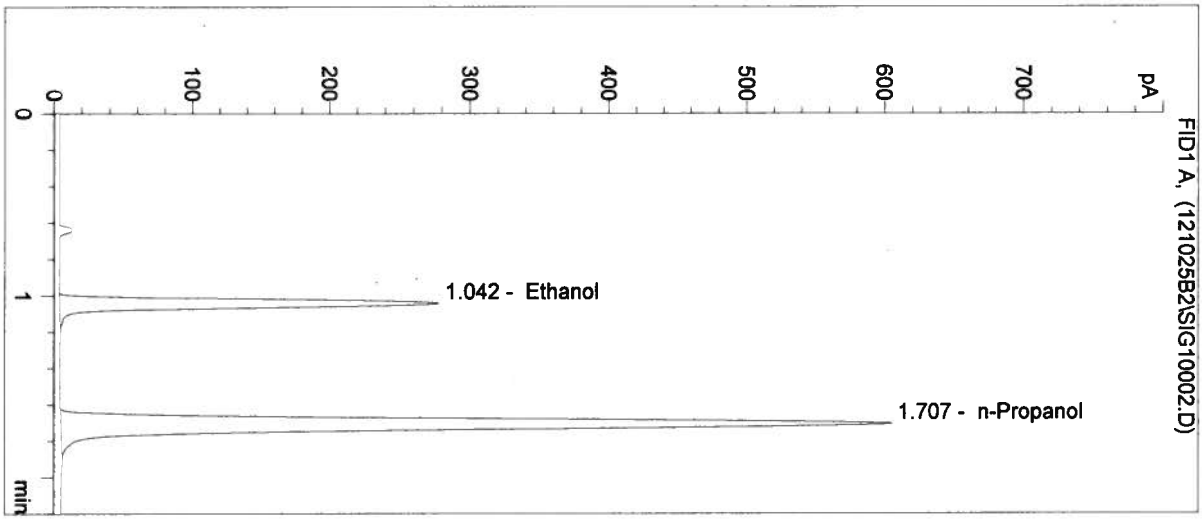
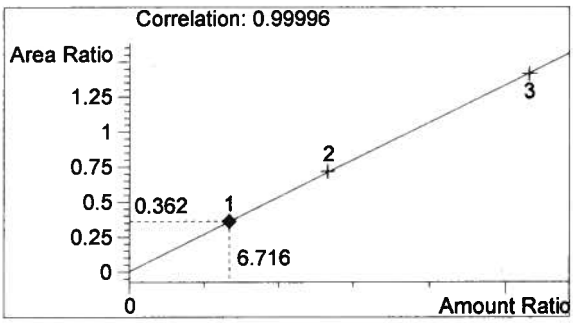
Inj. Date: 10/25/2012 1:18:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

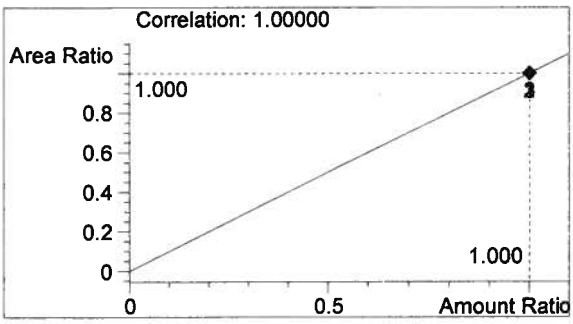
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	858	1.042
2	n-Propanol	2373	1.707



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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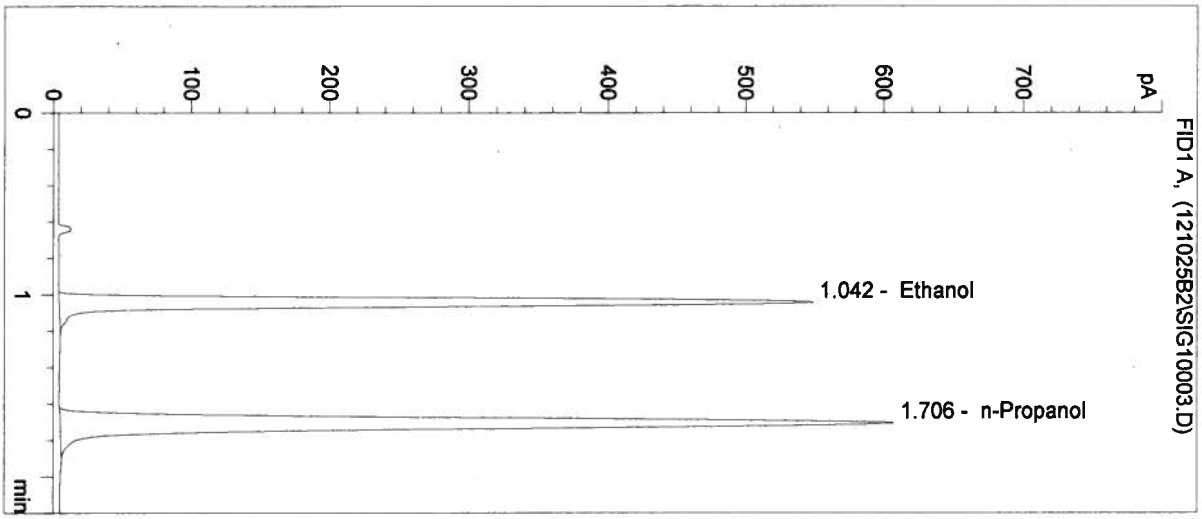
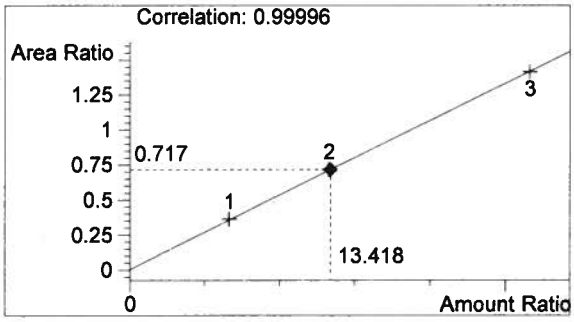
Inj. Date: 10/25/2012 1:21:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

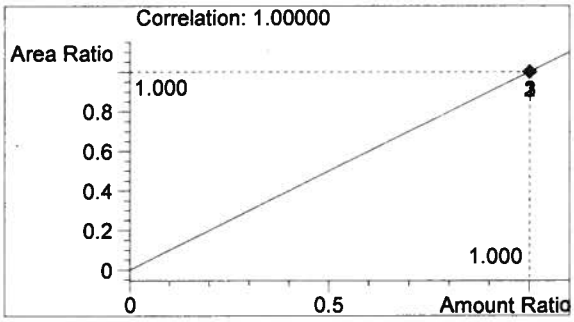
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1712	1.042
2	n-Propanol	2388	1.706



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

12045

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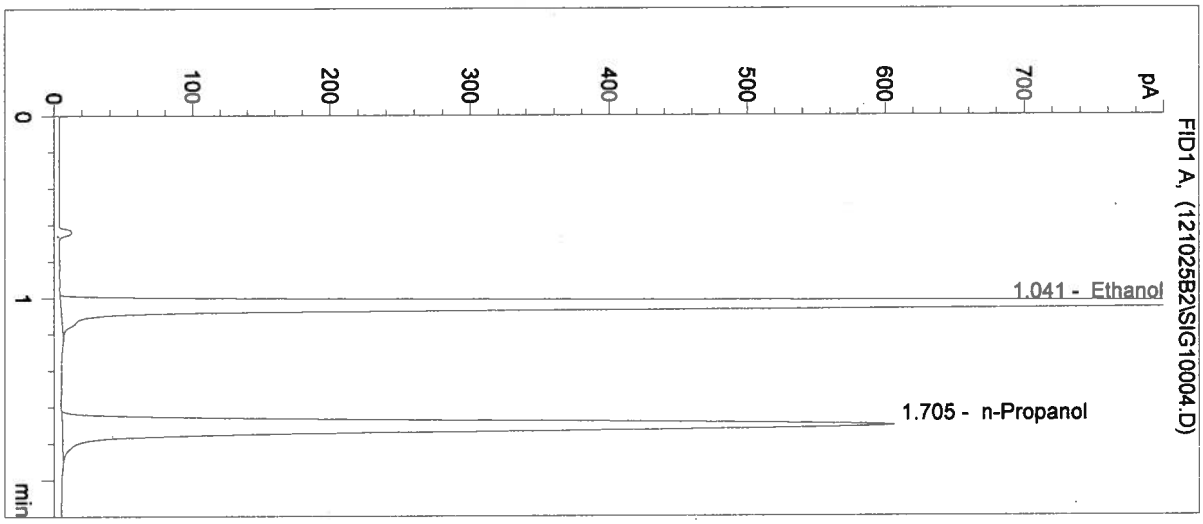
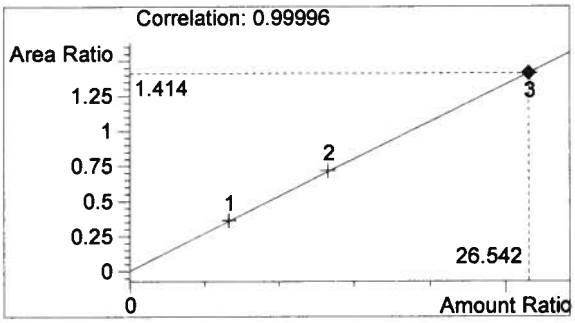
Inj. Date: 10/25/2012 1:24:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

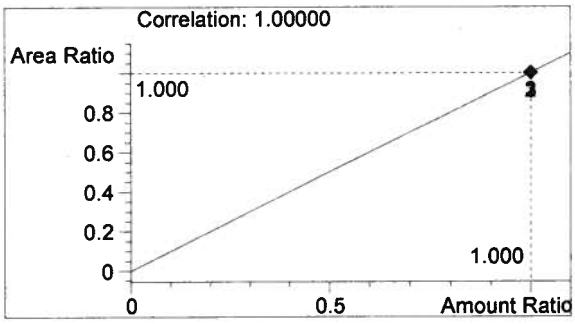
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3370	1.041
2	n-Propanol	2384	1.705



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

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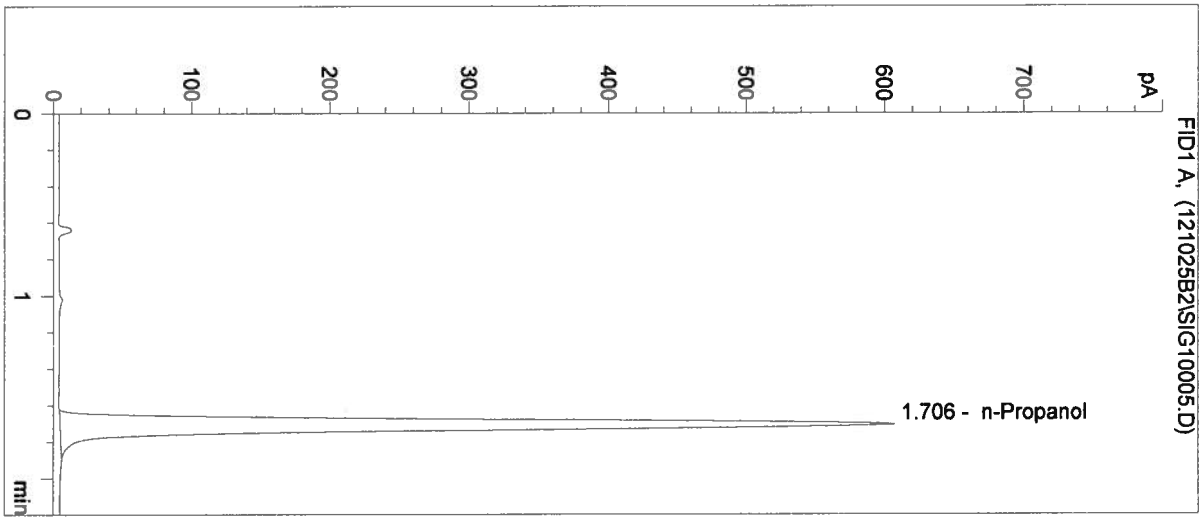
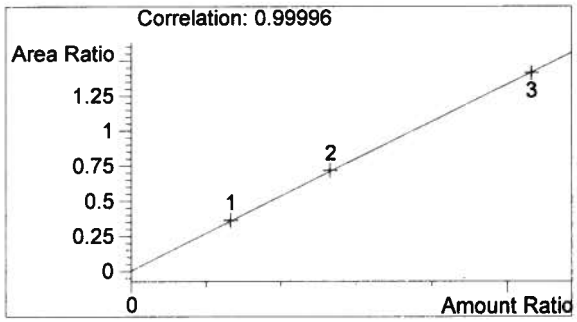
Inj. Date: 10/25/2012 1:27:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

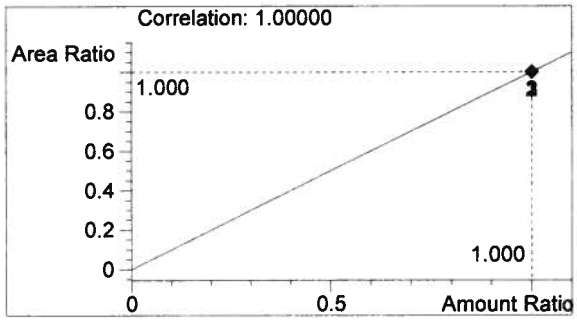
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2384	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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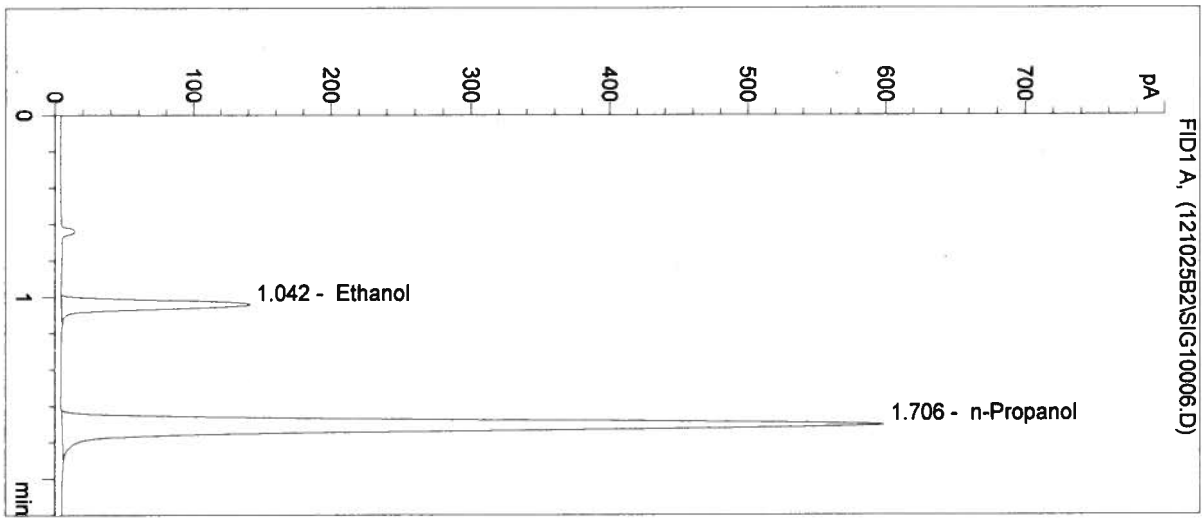
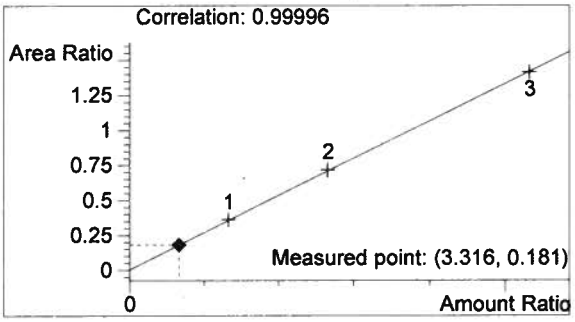
Inj. Date: 10/25/2012 1:30:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

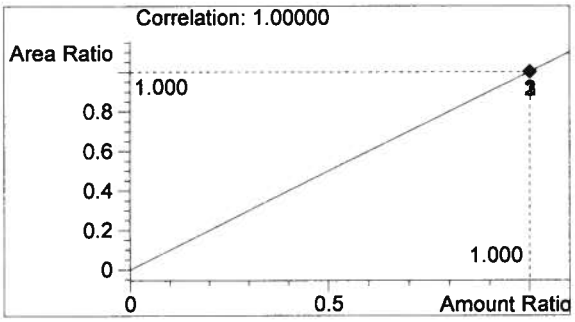
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	426	1.042
2	n-Propanol	2353	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

12045

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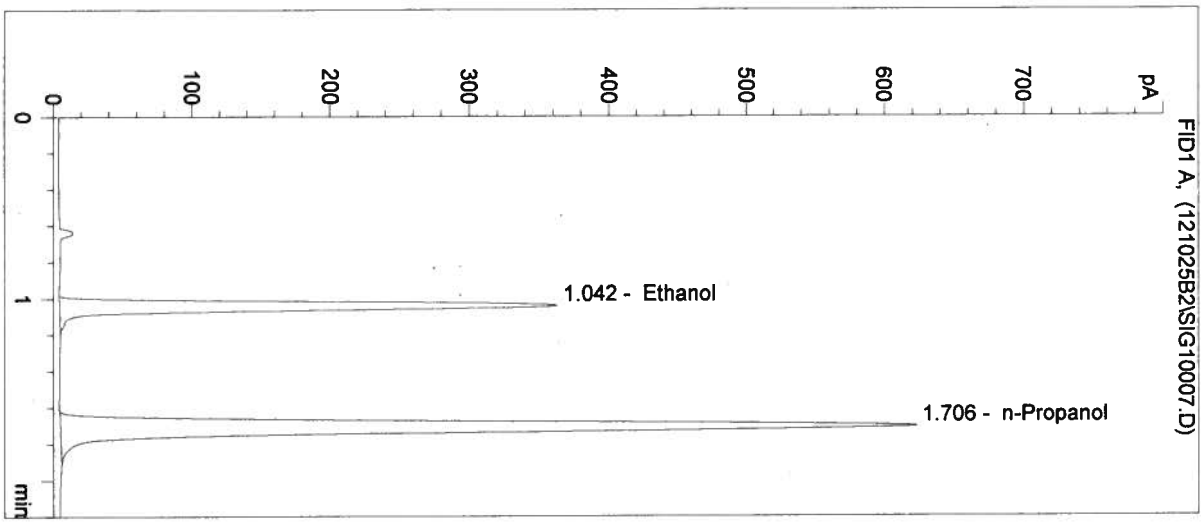
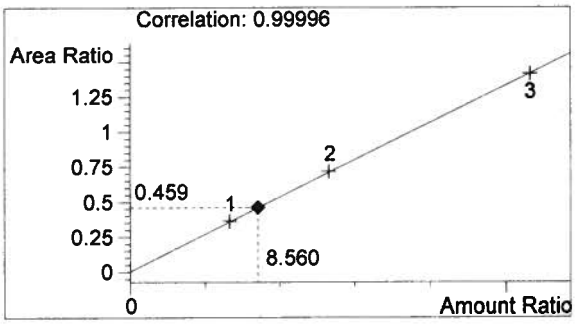
Inj. Date: 10/25/2012 1:33:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

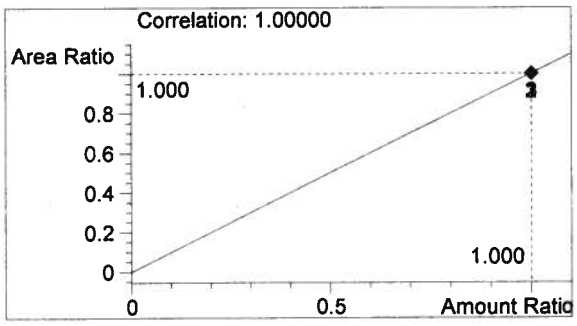
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.042
2	n-Propanol	2450	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

12045

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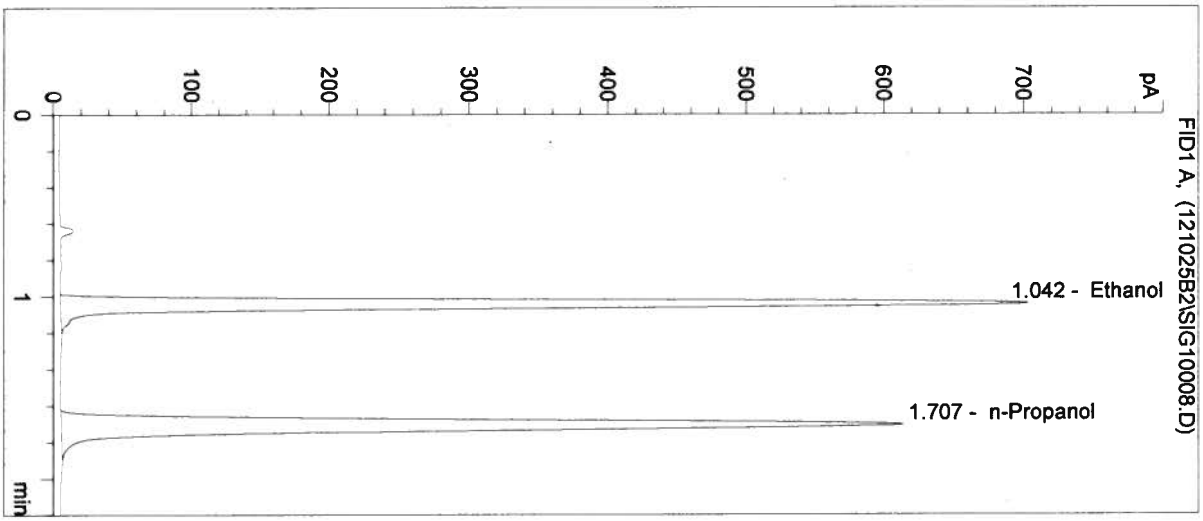
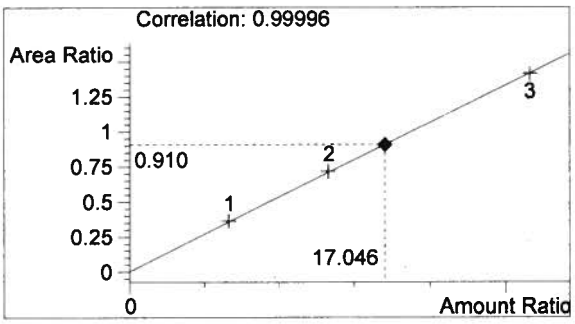
Inj. Date: 10/25/2012 1:36:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

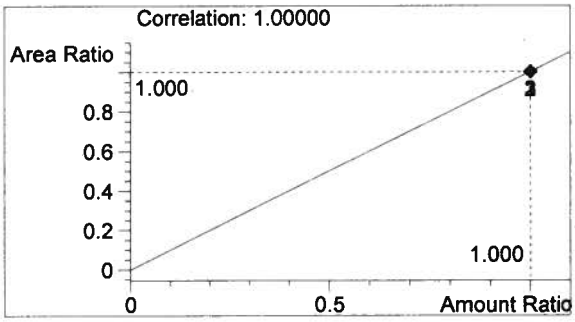
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2194	1.042
2	n-Propanol	2412	1.707



Ethanol 0.205 g/100mL



n-Propanol 0.012 g/100mL

12045

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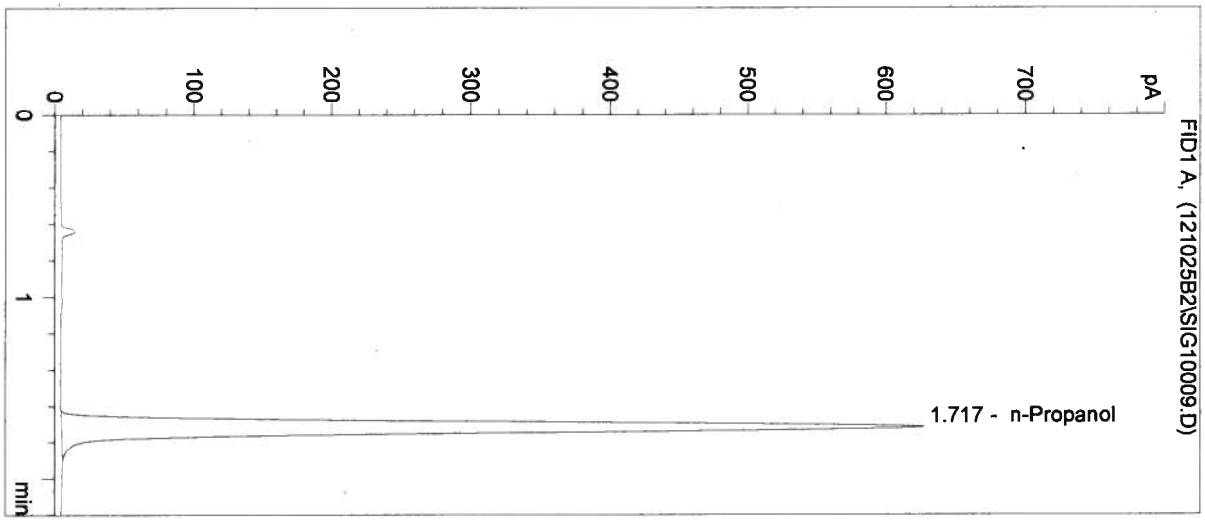
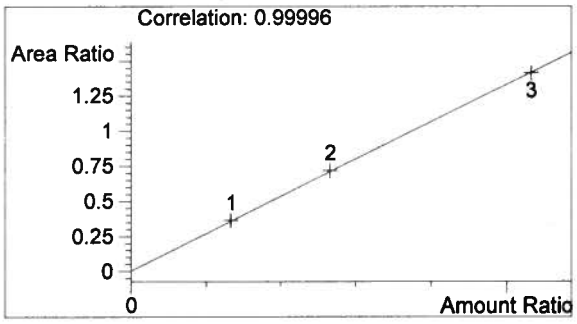
Inj. Date: 10/25/2012 1:39:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

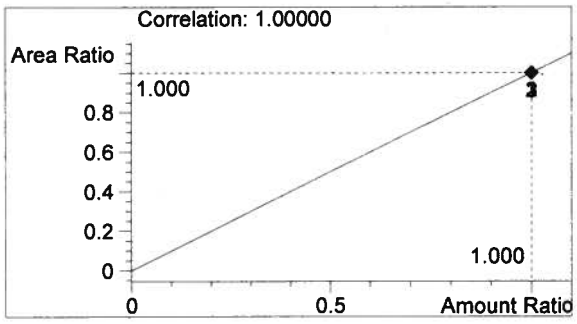
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2544	1.717



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

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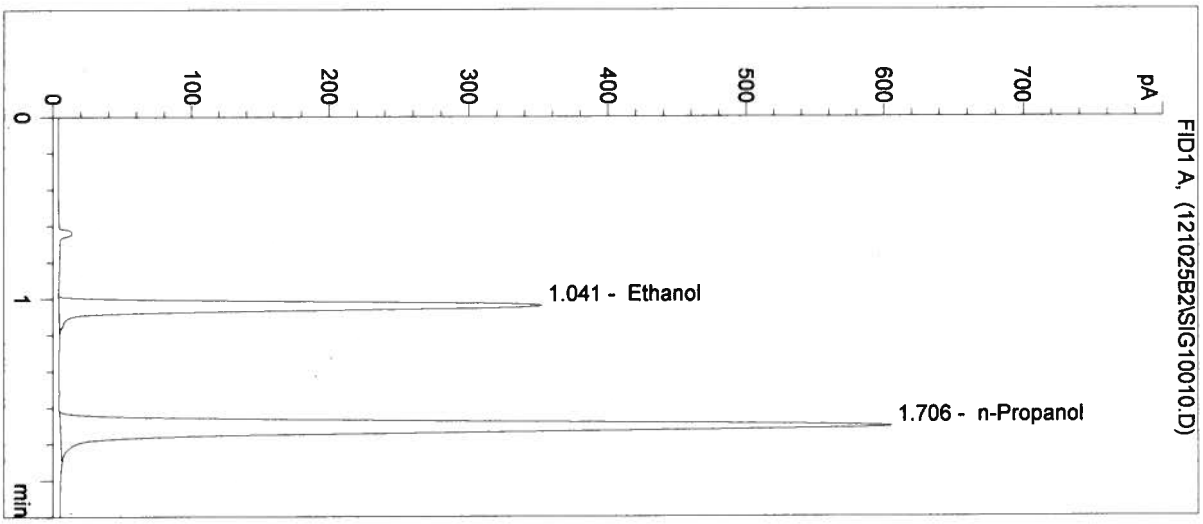
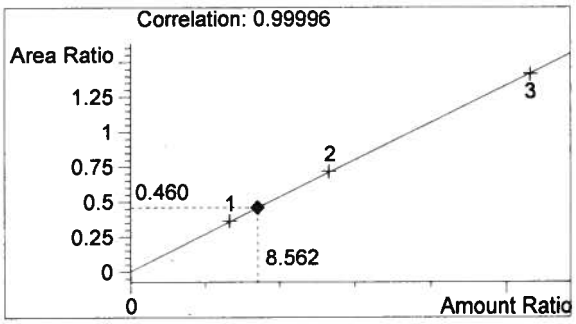
Inj. Date: 10/25/2012 1:43:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

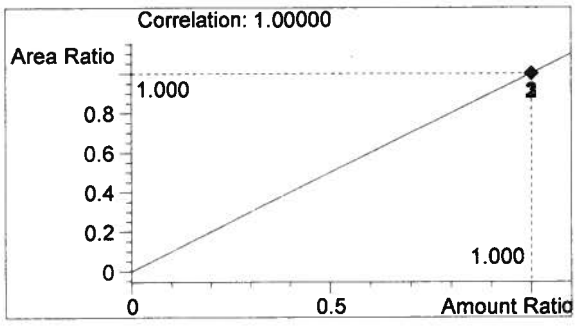
Sample Name: 12045-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.041
2	n-Propanol	2380	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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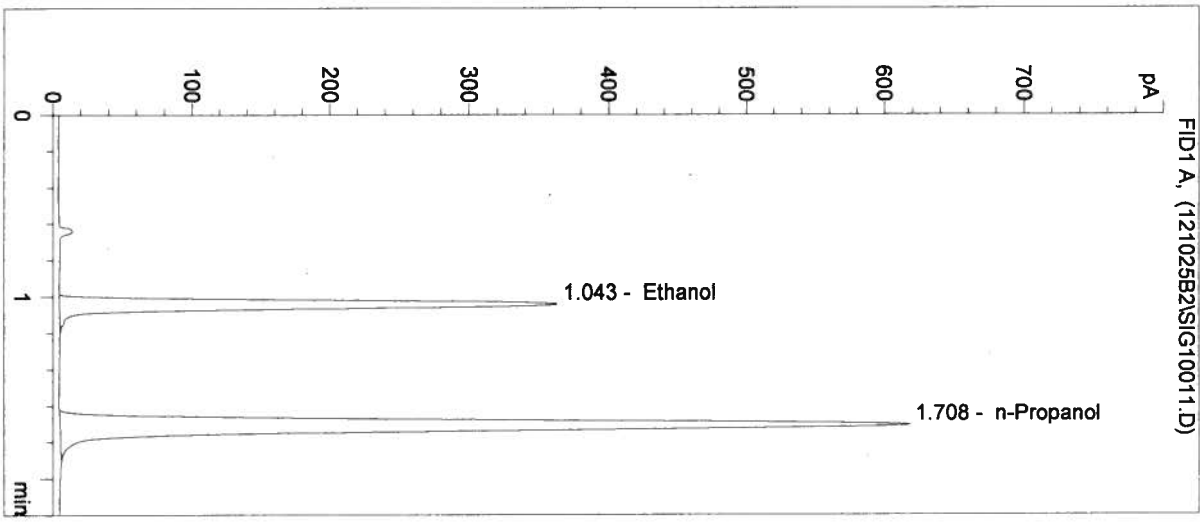
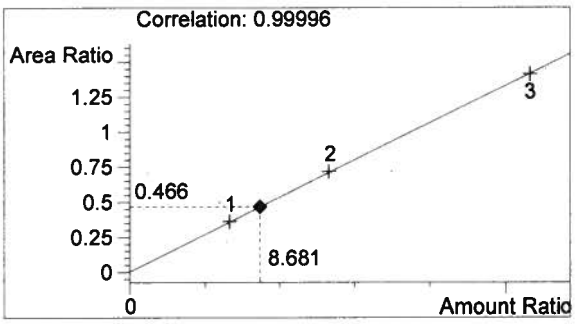
Inj. Date: 10/25/2012 1:46:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

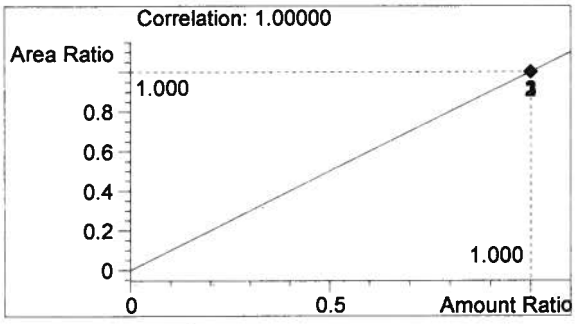
Sample Name: 12045-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.043
2	n-Propanol	2433	1.708



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\121025B2\SIG10011.D

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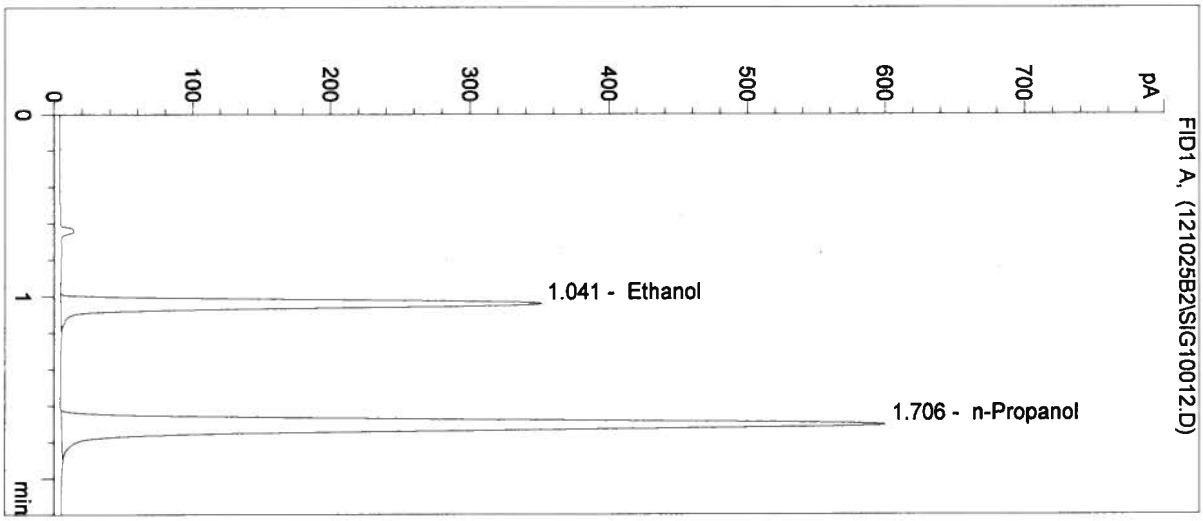
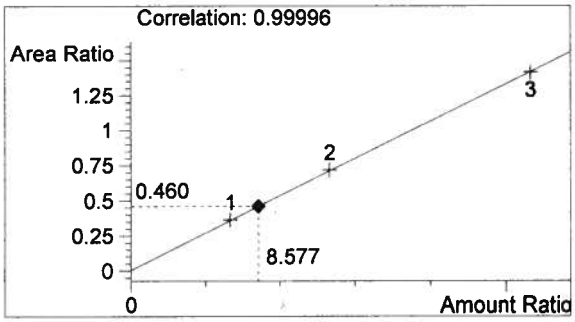
Inj. Date: 10/25/2012 1:49:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

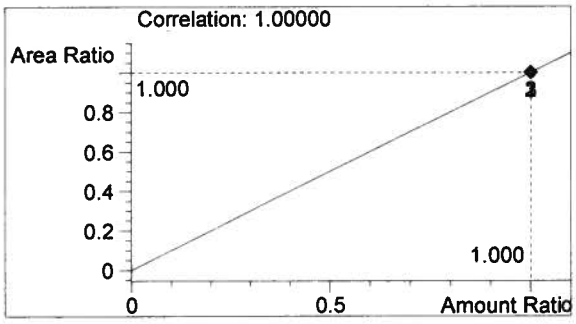
Sample Name: 12045-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.041
2	n-Propanol	2360	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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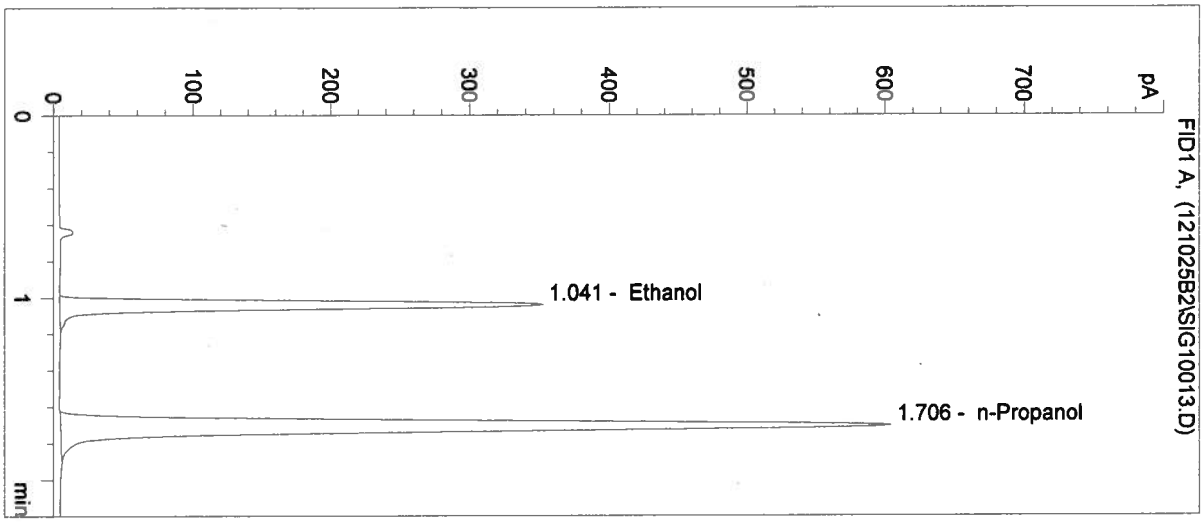
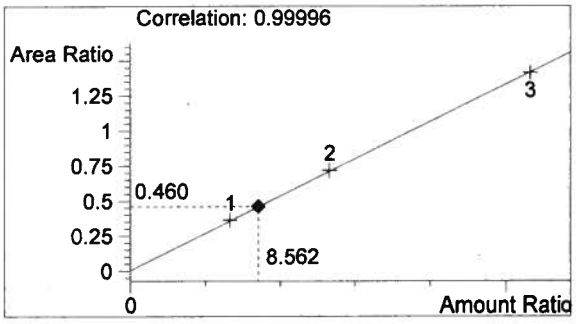
Inj. Date: 10/25/2012 1:52:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

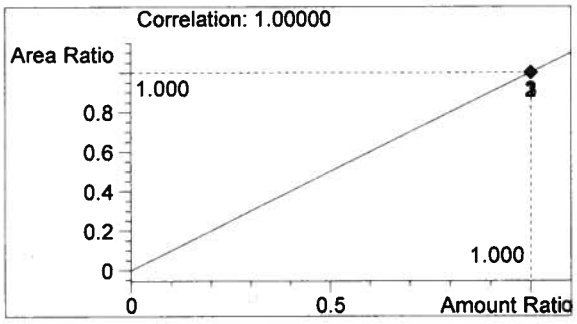
Sample Name: 12045-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.041
2	n-Propanol	2385	1.706



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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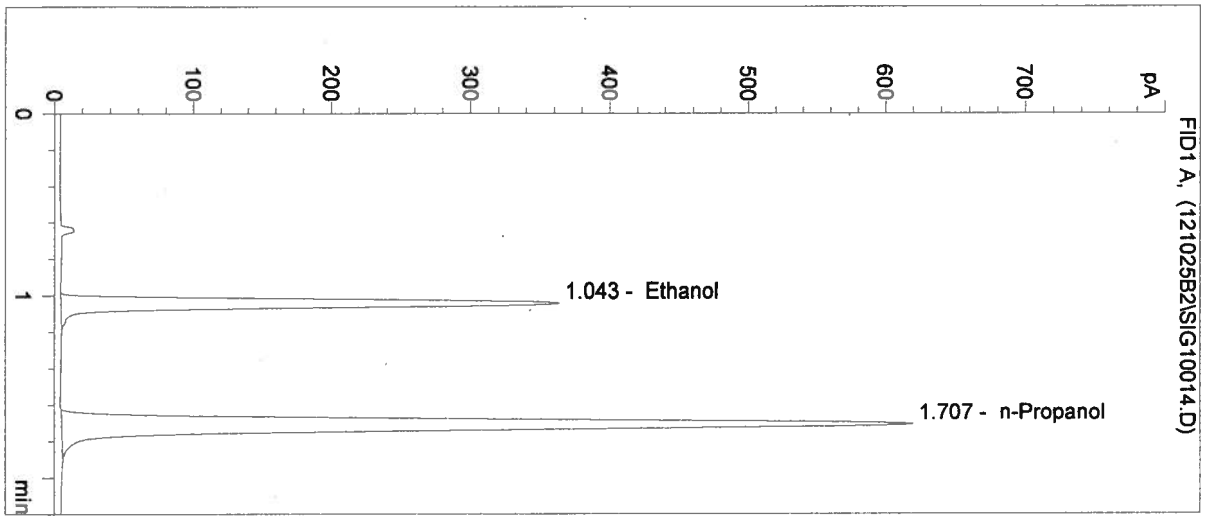
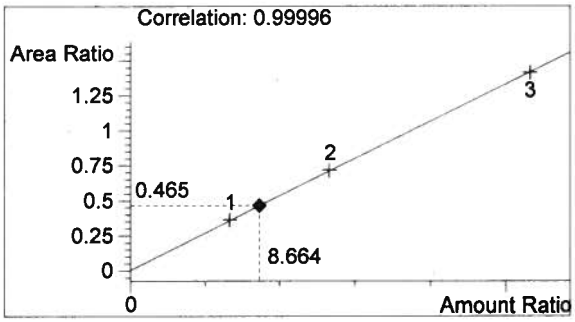
Inj. Date: 10/25/2012 1:55:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

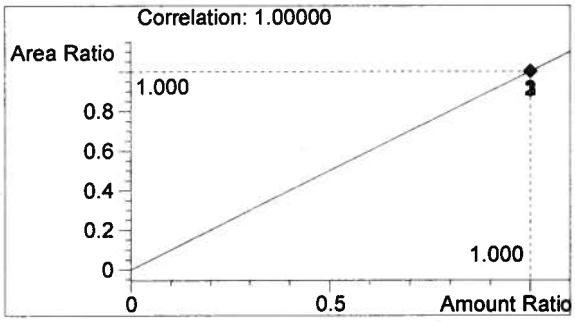
Sample Name: 12045-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1133	1.043
2	n-Propanol	2437	1.707



Ethanol 0.104 g/100mL



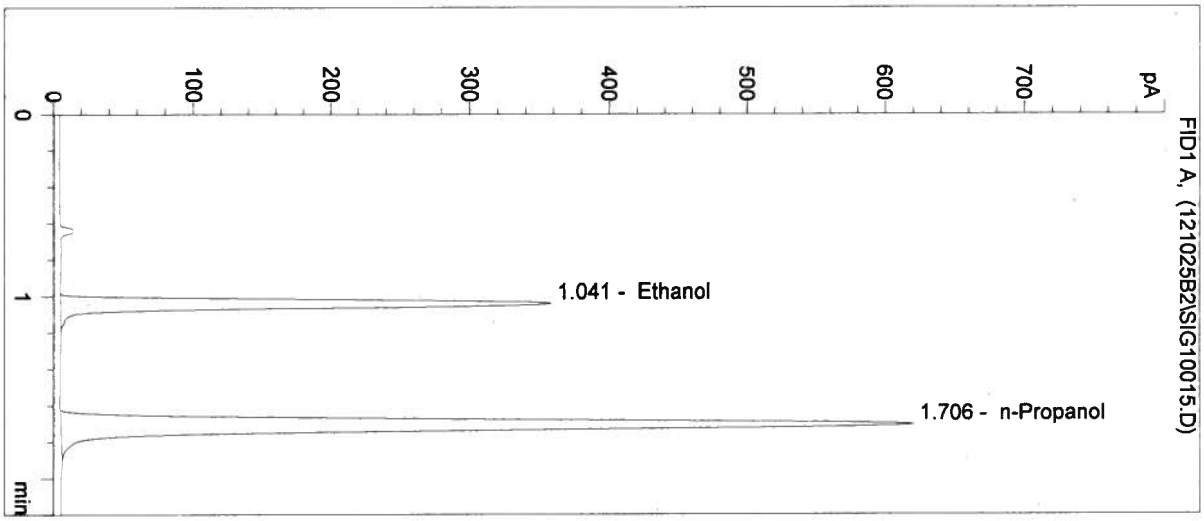
n-Propanol 0.012 g/100mL

BB

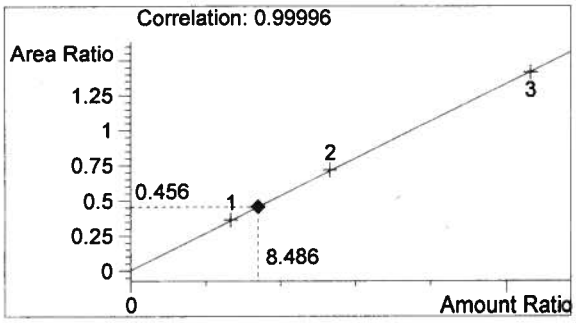
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 1:58:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

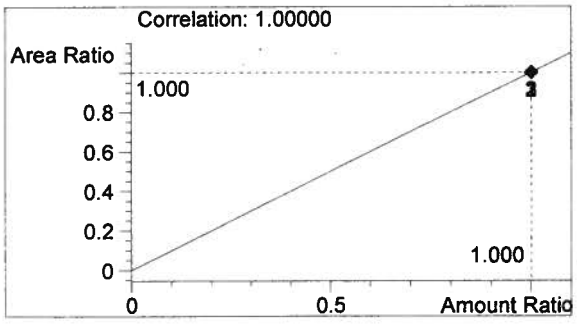
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.041
2	n-Propanol	2440	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

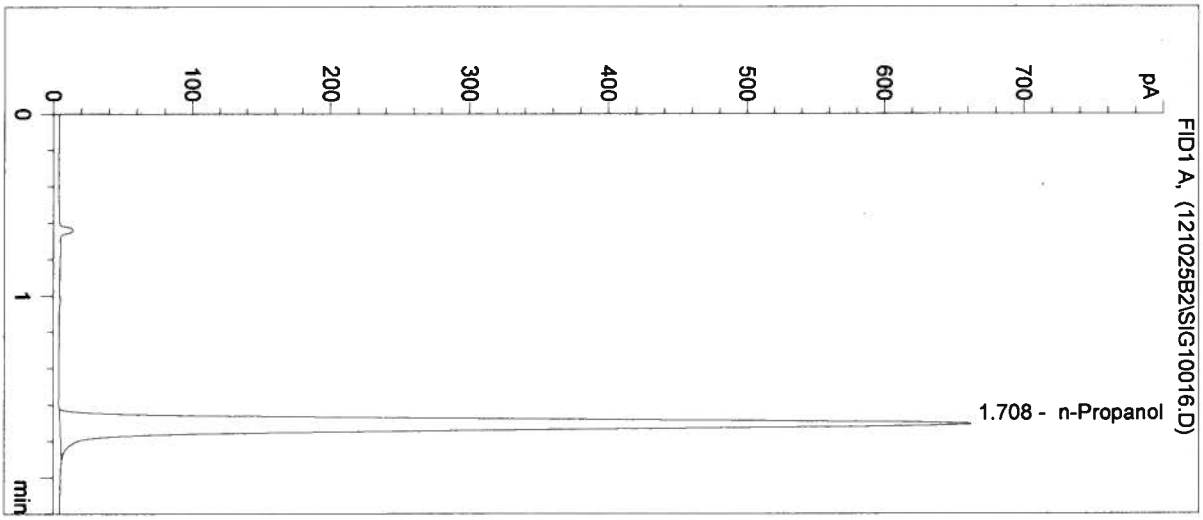
12045

BB

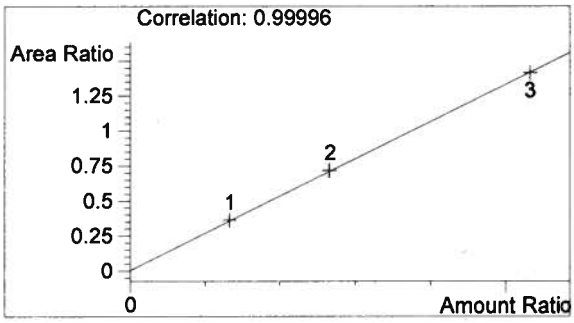
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 10/25/2012 2:01:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

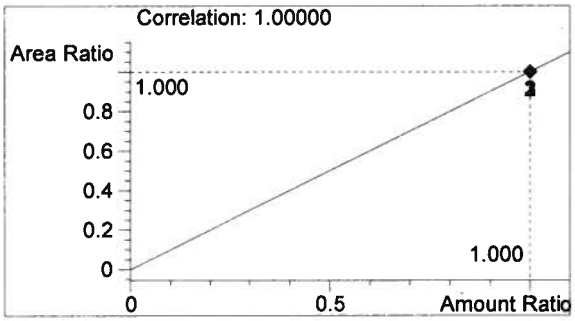
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2619	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

BB

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.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\1\DATA\
Data Subdirectory:	121106CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1: 0.079 g/100 mL - Lot: E0912-01 - exp: 3/6/13
Cal 2: 0.158 g/100 mL - Lot: E0912-02 - exp: 3/6/13
Cal 3: 0.316 g/100 mL - Lot: E0912-03 - exp: 3/6/13
CTRL1: 0.04 g/100 mL - Lot # A077459 - exp 02/2015
CTRL2: 0.10 g/100 mL - Lot # A083355 - exp 12/2015
CTRL3: 0.20 g/100 mL - Lot # A084657 - exp 02/2016
n-Propanol ISTD - Lot: P1012 - exp: 1/22/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 12045 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 12045 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 12045 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 12045 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 12045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

12045

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

CJ

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Sequence Table (Back Injector):

No entries - empty table!

12045

CJ

121106CJ

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.S

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Ethanol Calibrator 1, E0912-01 - Exp. 03/6/2013
3	Vial 3	Ethanol Calibrator 2, E0912-02 - Exp. 03/6/2013
4	Vial 4	Ethanol Calibrator 3, E0912-03 - Exp. 03/6/2013
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

Sequence Table (Back Injector):

No entries - empty table!

12045

12 11 06 W

CJ

Method C:\HPCHEM\1\METHODS\SIMALC1.M

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Calibration Table

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Calib. Data Modified : Tuesday, November 06, 2012 9:07:34 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
1.042	1	1	7.98400e-2	866.59338	9.21309e-5	1		Ethanol
		2	1.59780e-1	1735.31421	9.20755e-5			
		3	3.19310e-1	3504.41040	9.11166e-5			
1.706	1	1	1.20000e-2	2406.37378	4.98676e-6	I1		n-Propanol
		2	1.20000e-2	2430.74146	4.93677e-6			
		3	1.20000e-2	2454.18091	4.88962e-6			

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Peak Sum Table

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No Entries in table

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12045

CJ

12 11 06 CJ

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Calibration Curves

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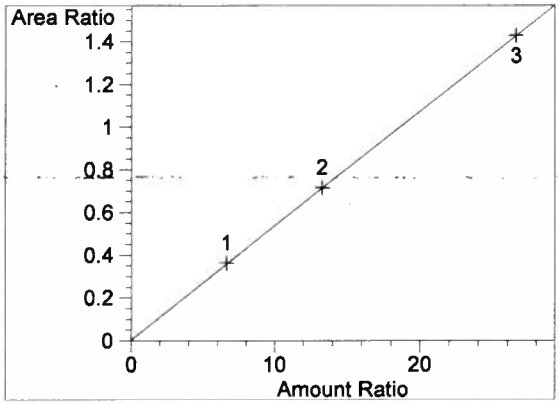
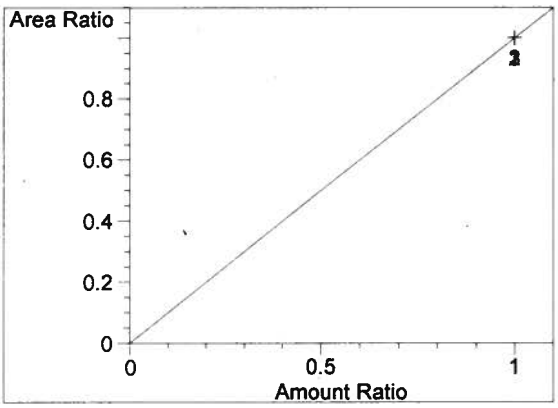


Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00196
Formula: y = mx + b
m: 5.36208e-2
b: 1.10960e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.706
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

==========

12045

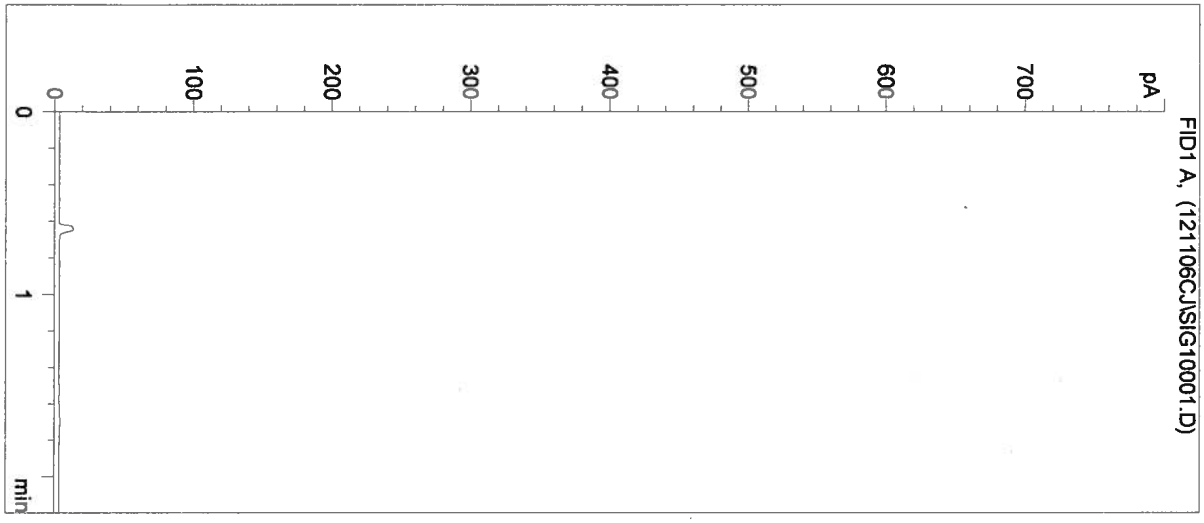
121106 CJ

CJ

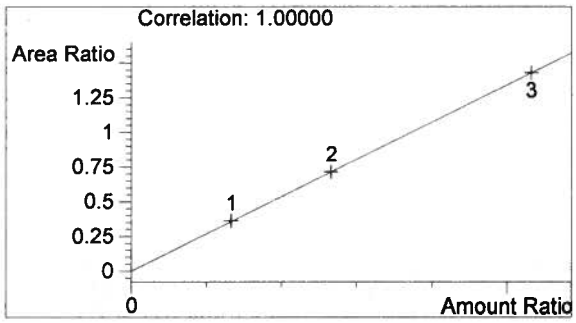
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 8:56:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

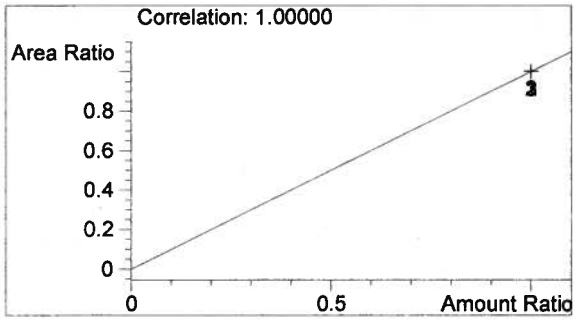
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	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

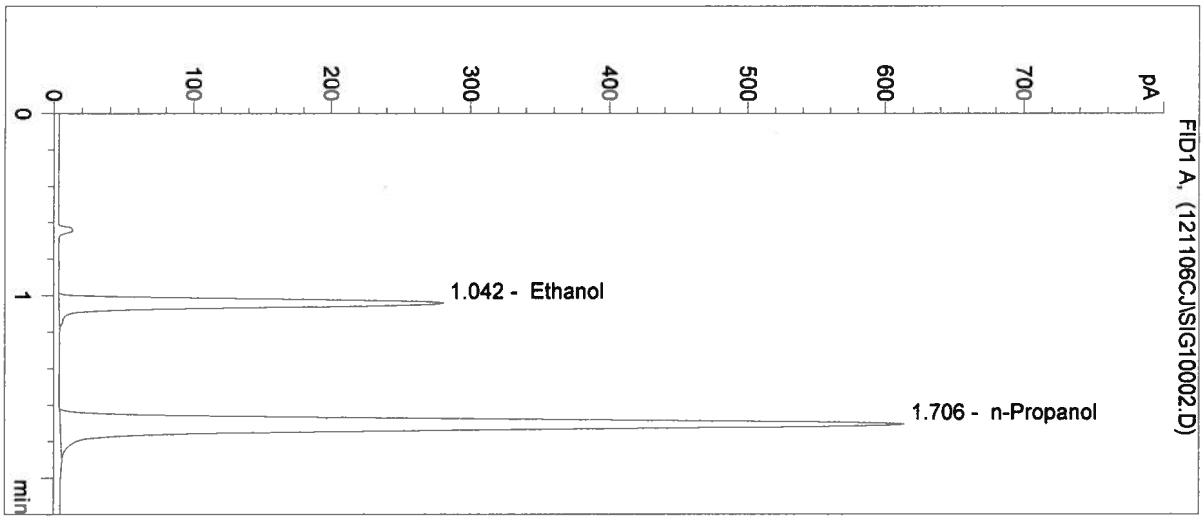
12045

CJ

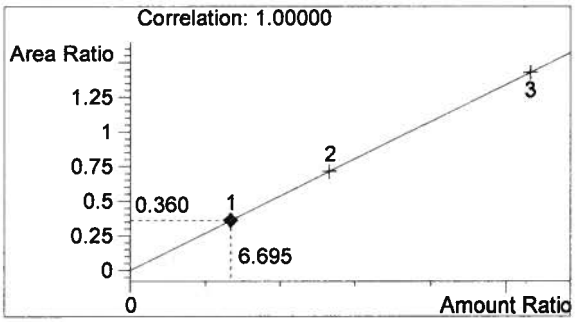
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 8:59:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 1, E0912-01 - Exp. 03/6/2013

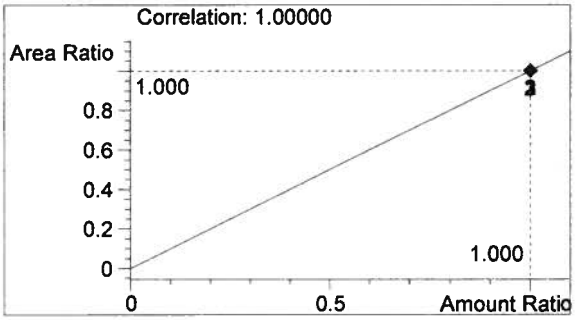
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	867	1.042
2	n-Propanol	2406	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

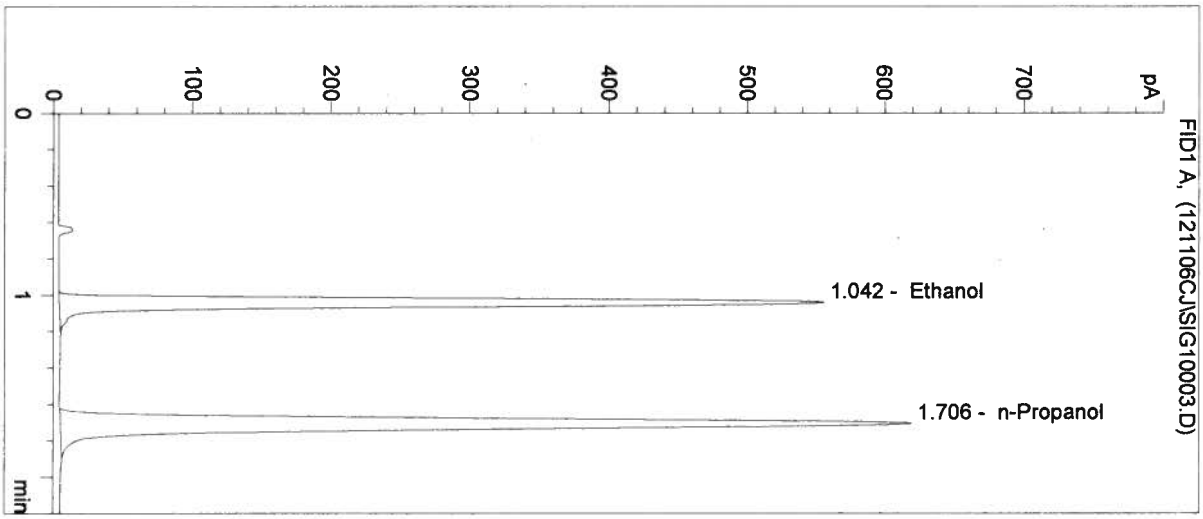
12045

CJ

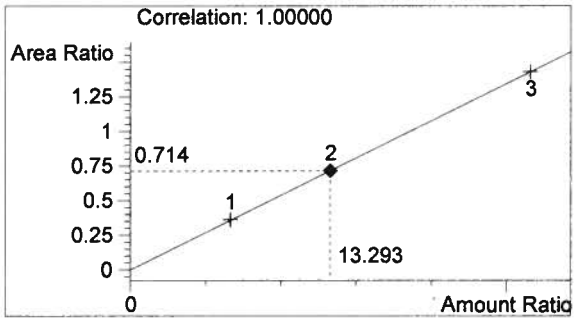
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:02:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 2, E0912-02 - Exp. 03/6/2013

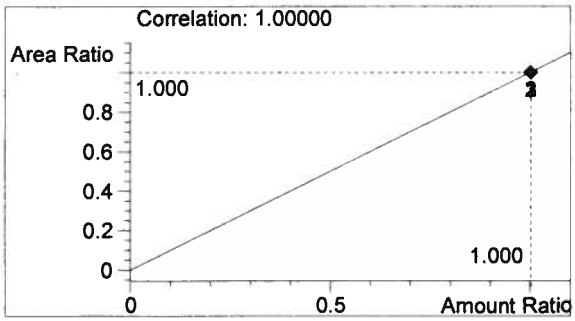
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1735	1.042
2	n-Propanol	2431	1.706



Ethanol 0.160 g/100mL

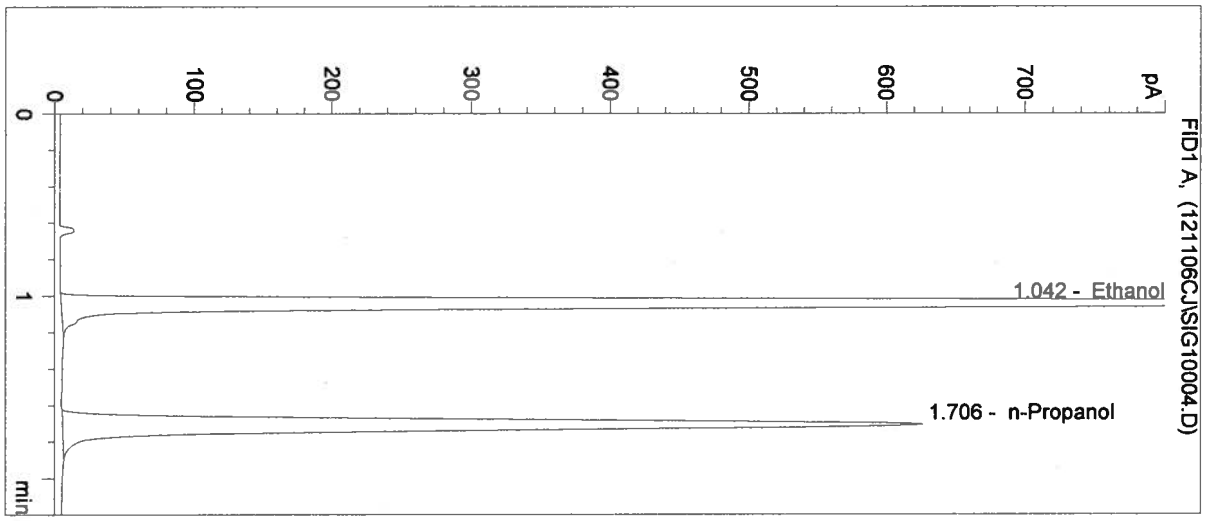


n-Propanol 0.012 g/100mL

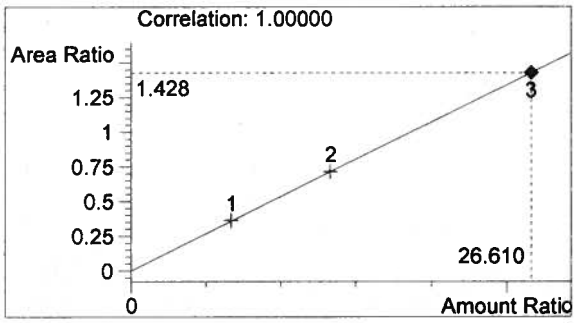
12045

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

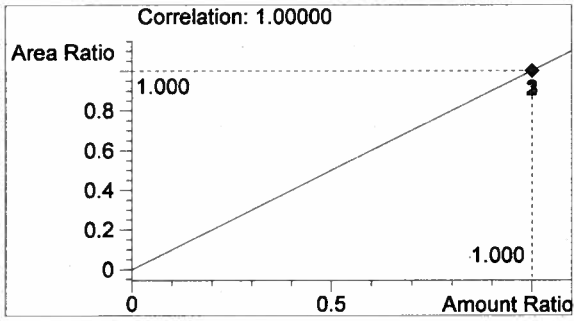
Inj. Date: 11/6/2012 9:05:21 AM
Sample Name: 0.316 CAL 3
Instrument: HSGC#1
Operator: Chris Johnston
Column: DB-ALC1
Location: Vial 4
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: Ethanol Calibrator 3, E0912-03 - Exp. 03/6/2013



#	Compound	Peak Area	RT (min)
1	Ethanol	3504	1.042
2	n-Propanol	2454	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

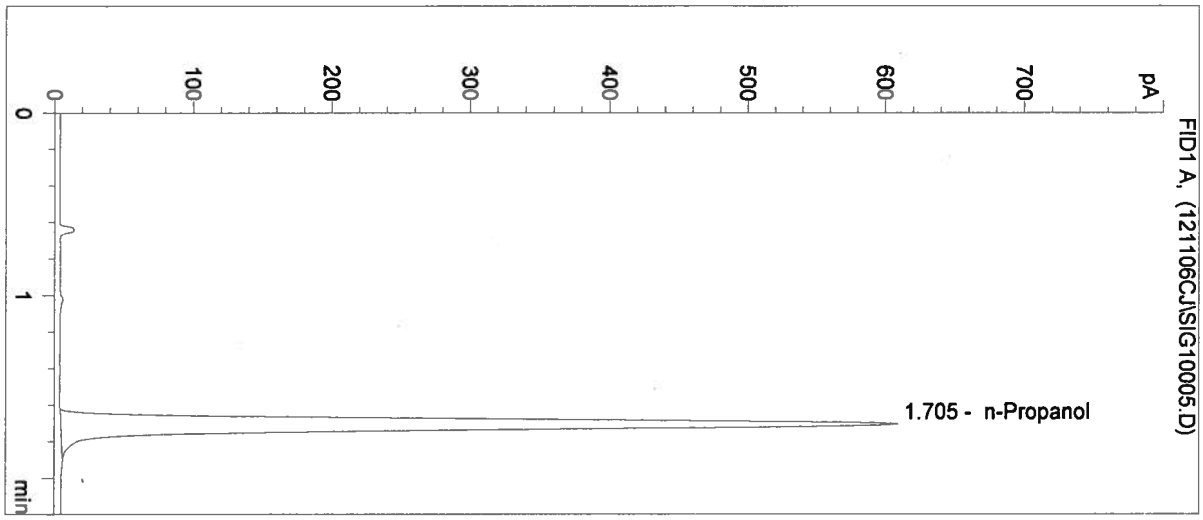
12045

CJ

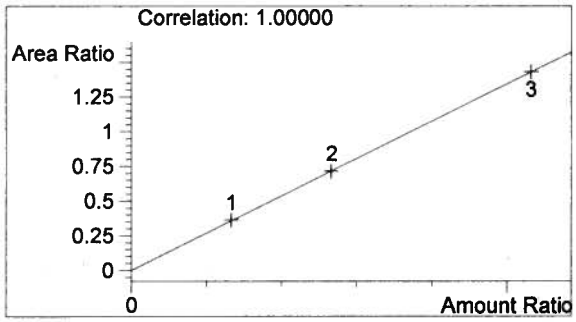
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:08:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

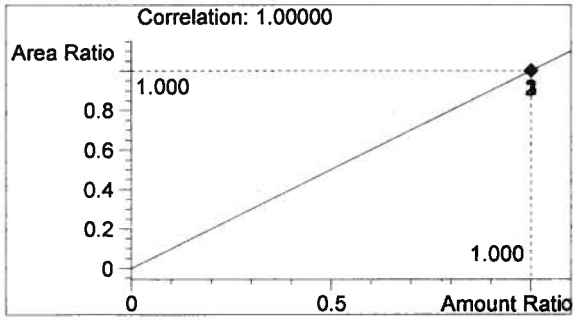
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2404	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

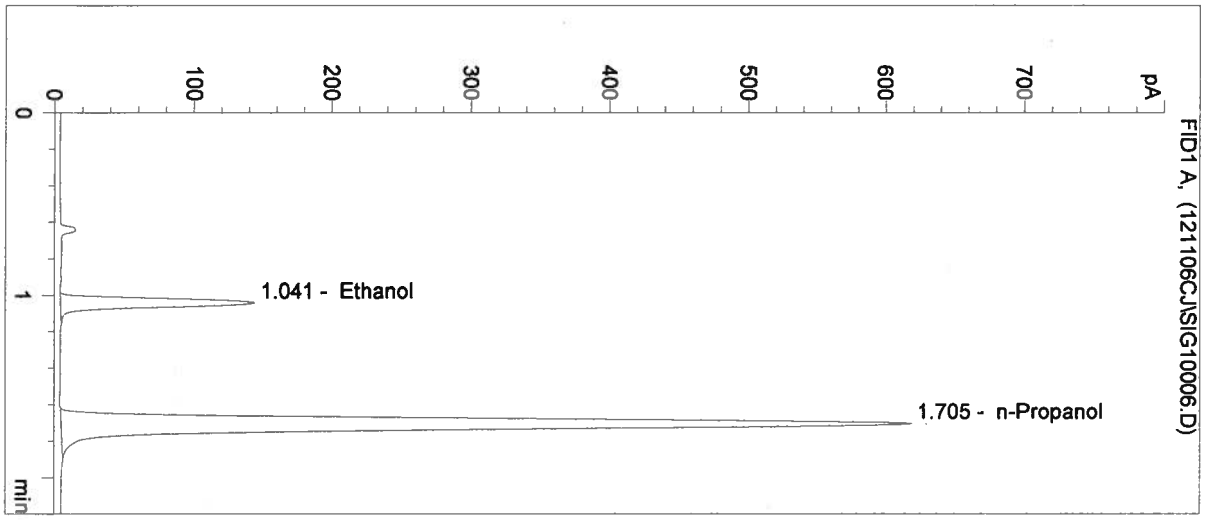
12045

CJ

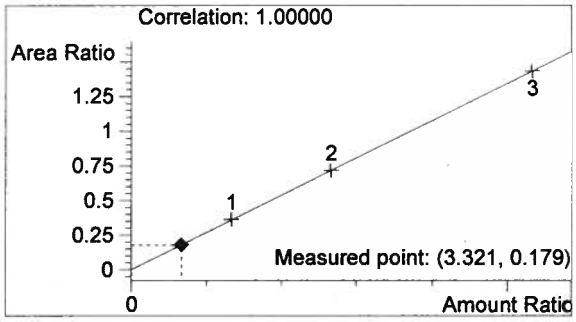
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:11:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

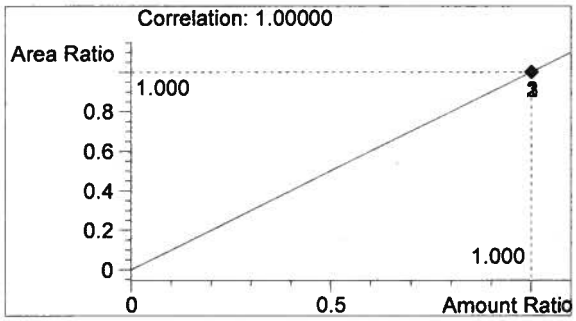
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	437	1.041
2	n-Propanol	2441	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

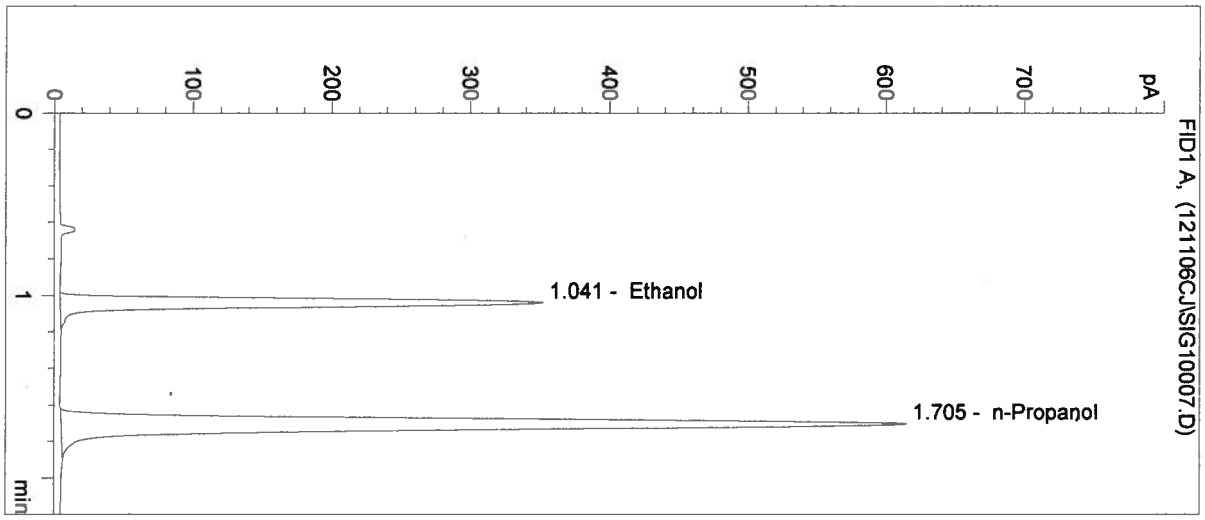
12045

CJ

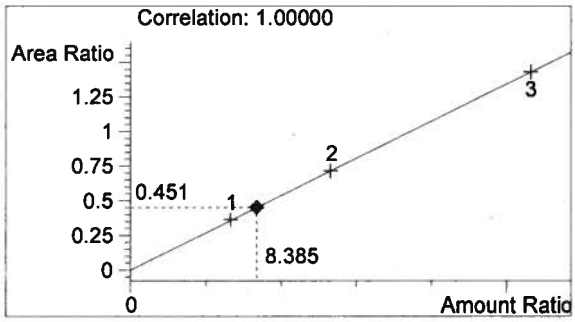
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:14:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

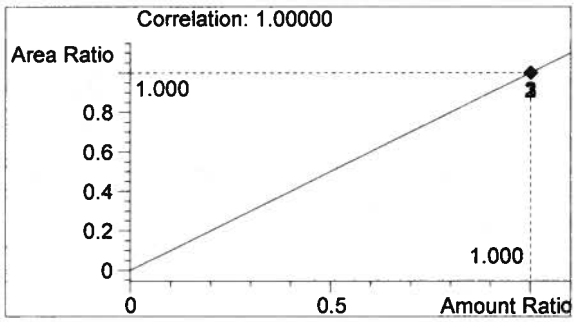
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.041
2	n-Propanol	2420	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

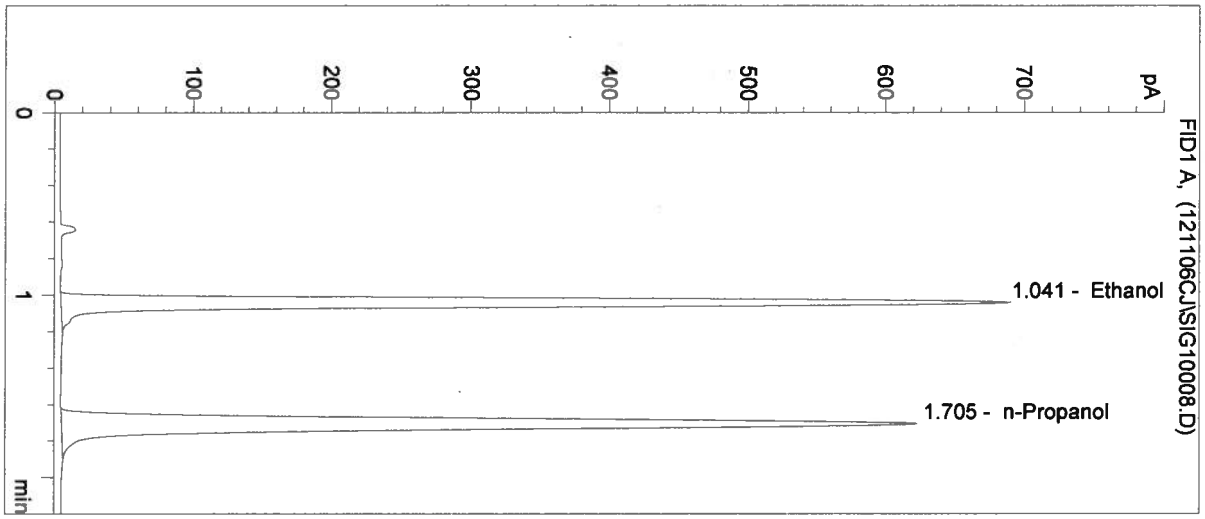
12045

CJ

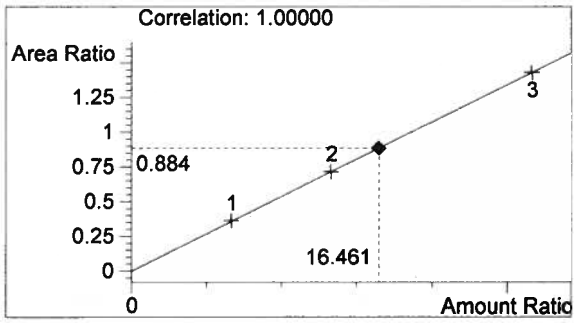
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:17:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

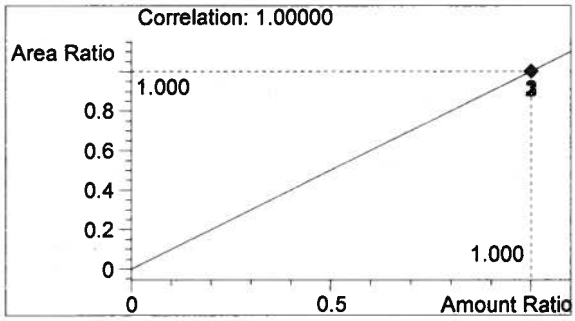
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2179	1.041
2	n-Propanol	2465	1.705



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

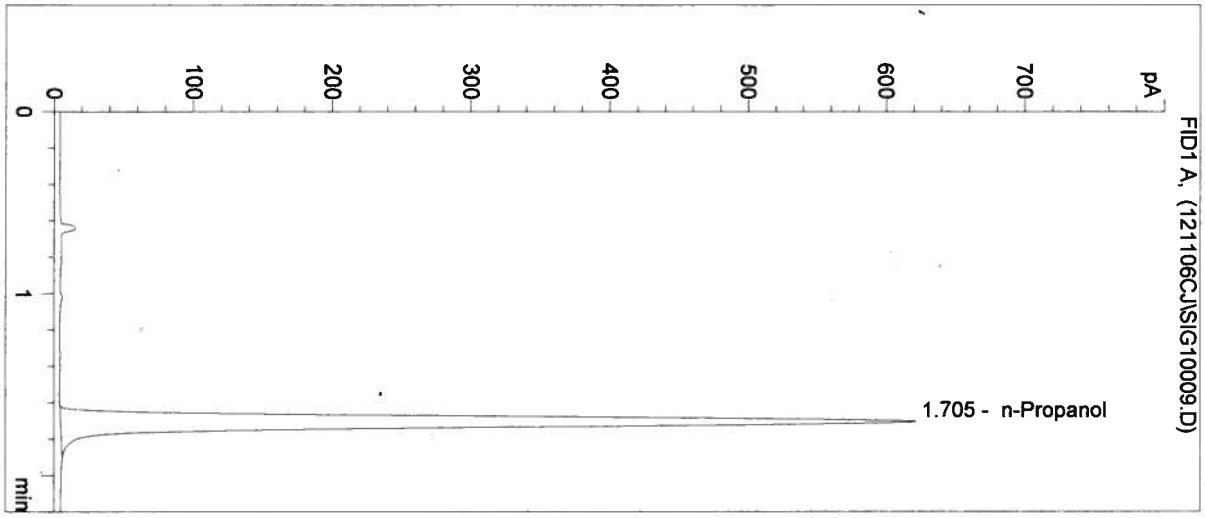
12045

CJ

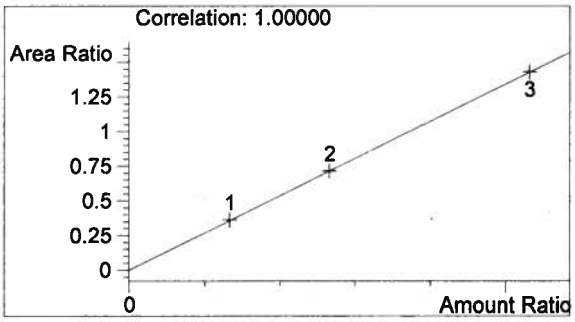
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:20:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

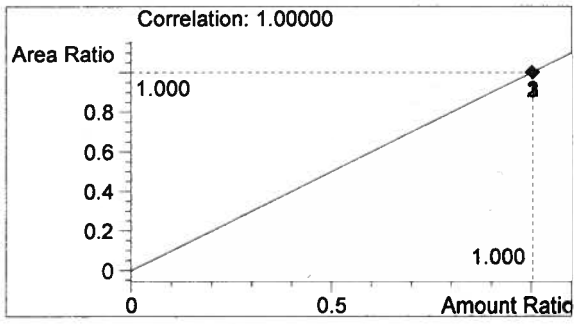
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2449	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

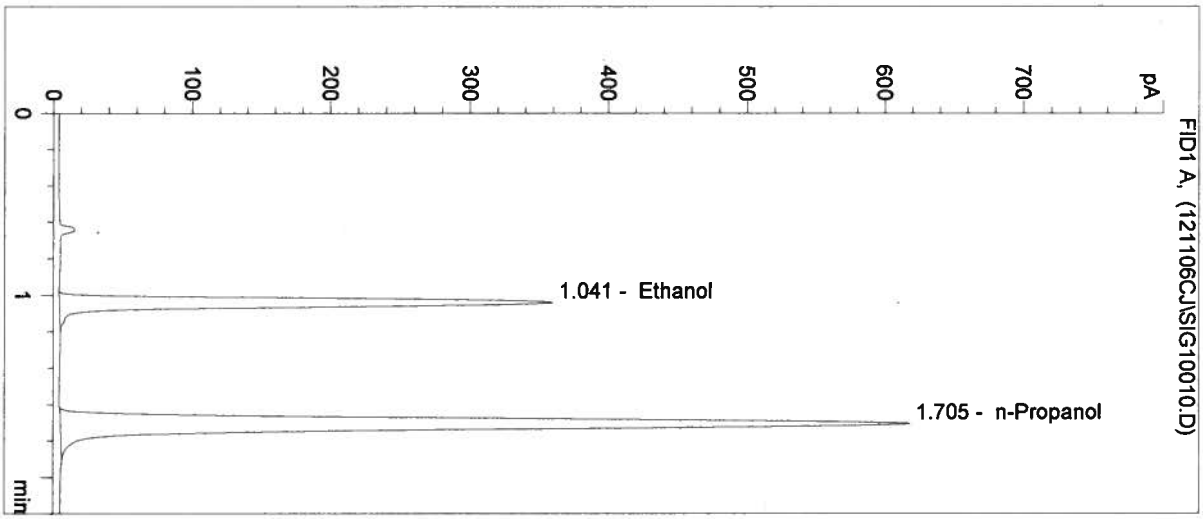
12045

CJ

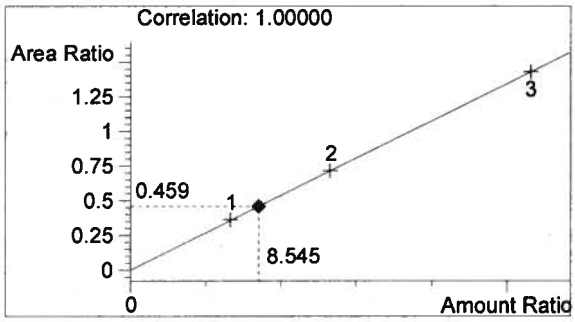
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:23:49 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

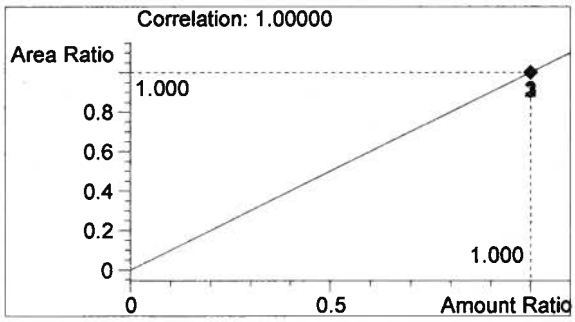
Sample Name: ESS 12045 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.041
2	n-Propanol	2437	1.705



Ethanol 0.103 g/100mL



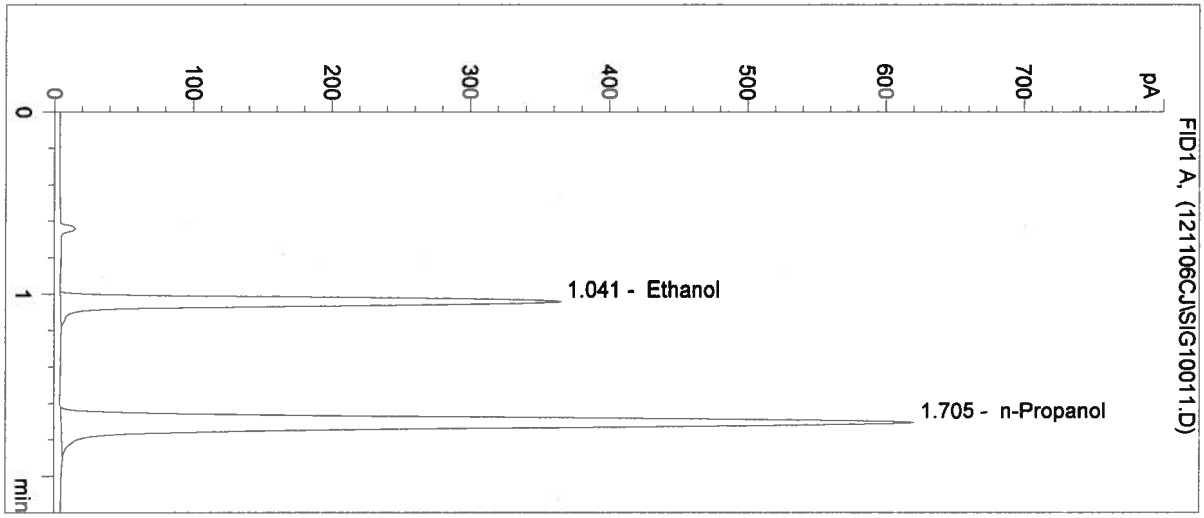
n-Propanol 0.012 g/100mL

CJ

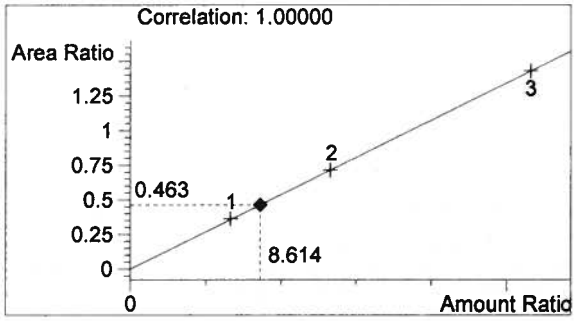
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:26:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

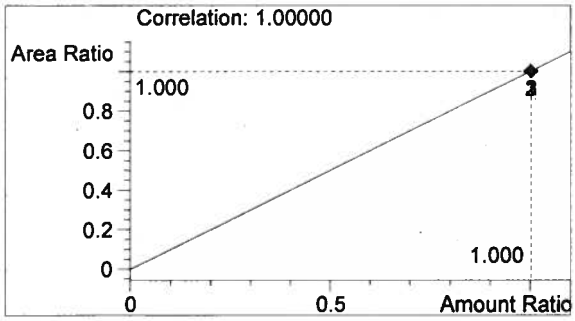
Sample Name: ESS 12045 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.041
2	n-Propanol	2442	1.705



Ethanol 0.103 g/100mL



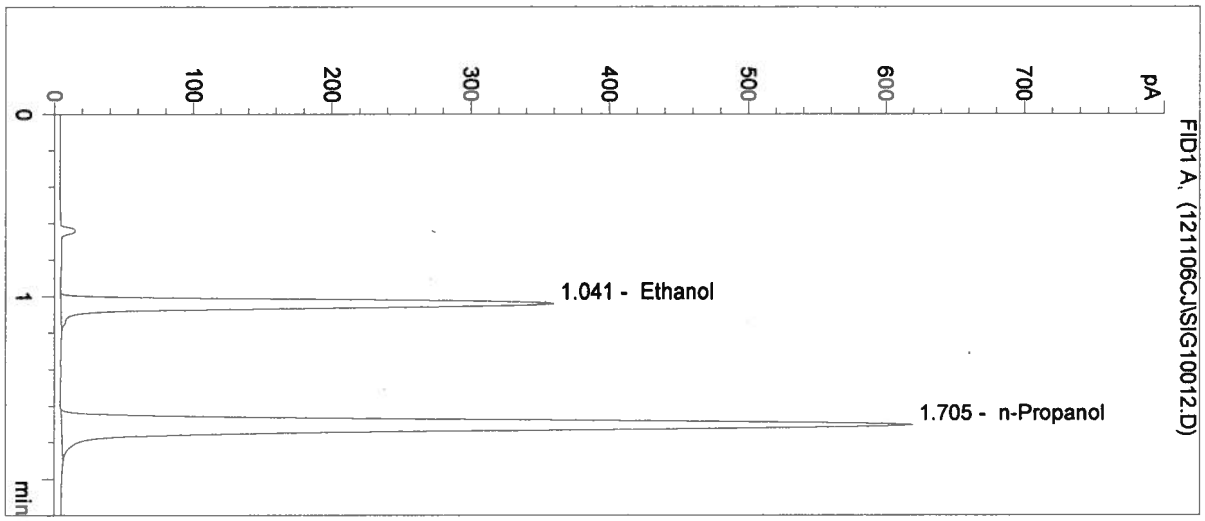
n-Propanol 0.012 g/100mL

CJ

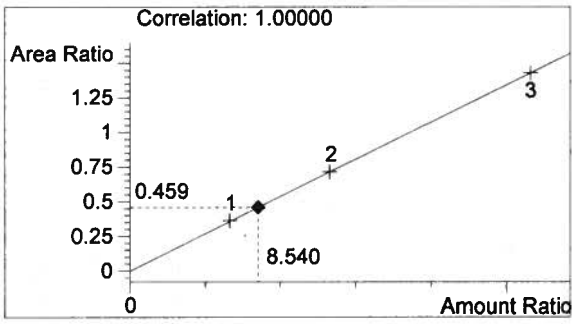
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:29:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

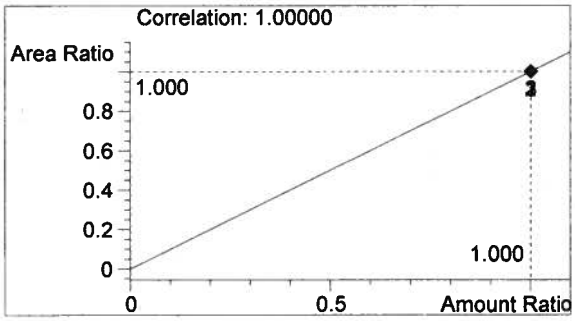
Sample Name: ESS 12045 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.041
2	n-Propanol	2441	1.705



Ethanol 0.102 g/100mL



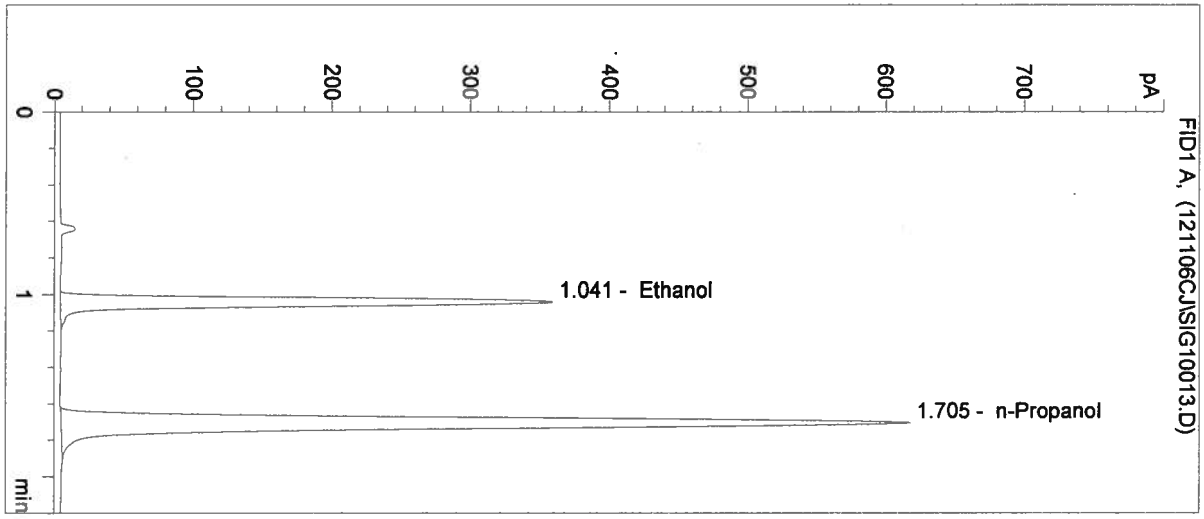
n-Propanol 0.012 g/100mL

cl

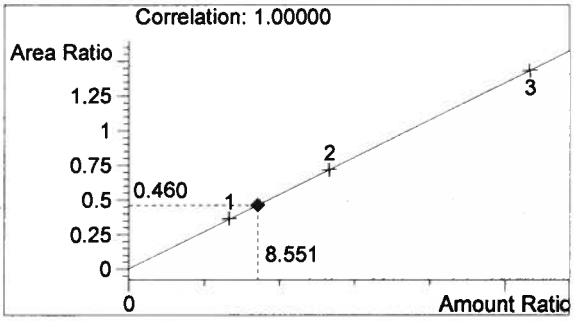
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:33:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

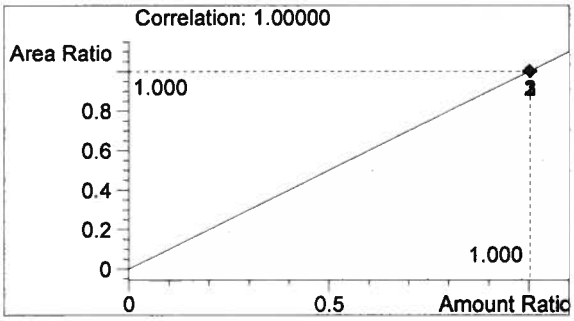
Sample Name: ESS 12045 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1117	1.041
2	n-Propanol	2429	1.705



Ethanol 0.103 g/100mL



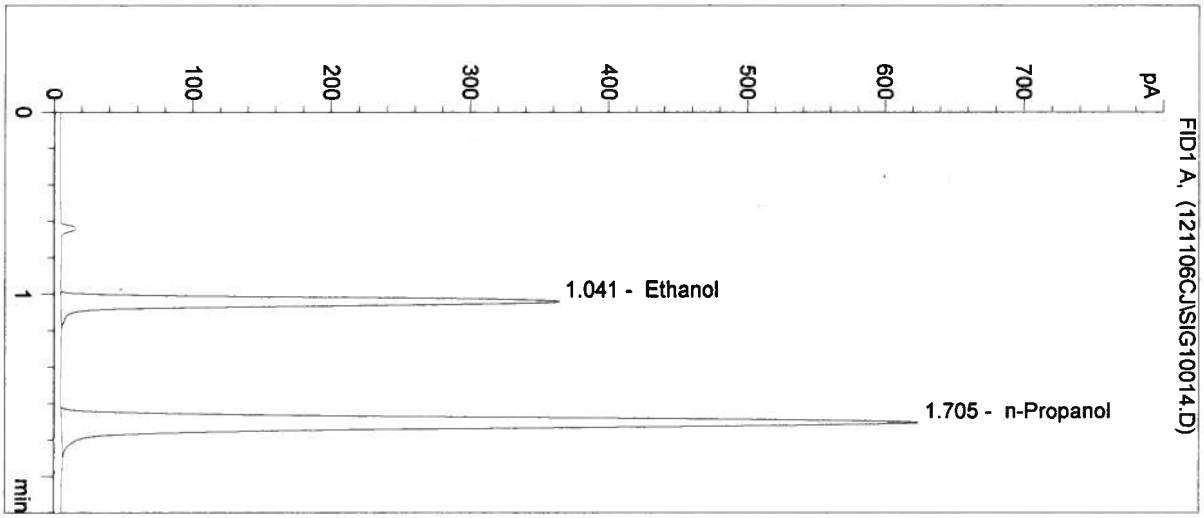
n-Propanol 0.012 g/100mL

CJ

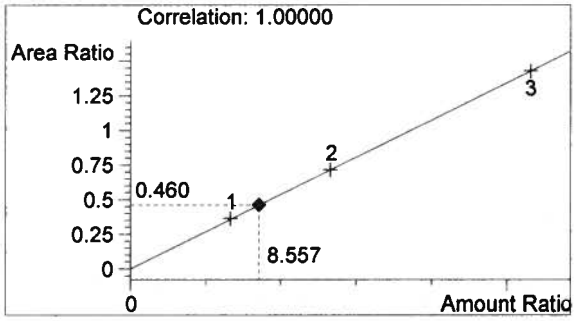
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:36:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

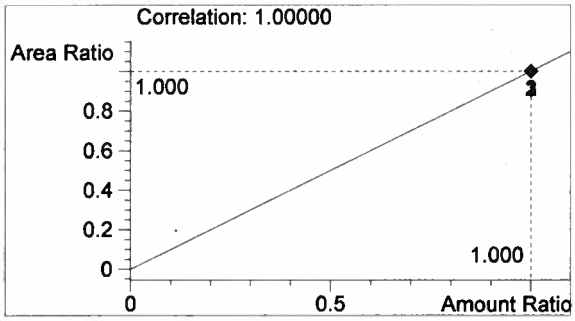
Sample Name: ESS 12045 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1128	1.041
2	n-Propanol	2453	1.705



Ethanol 0.103 g/100mL



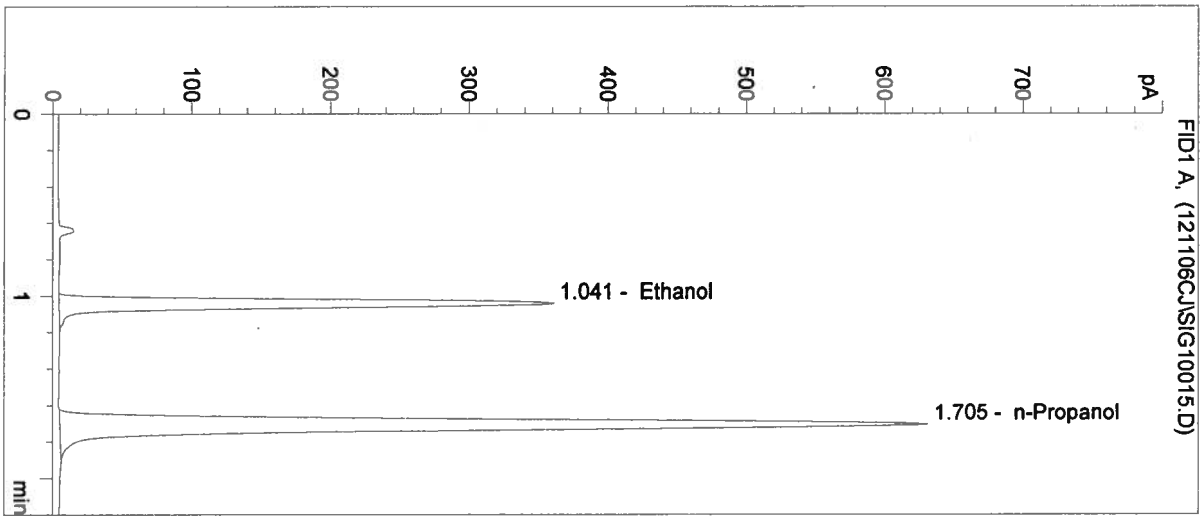
n-Propanol 0.012 g/100mL

CJ

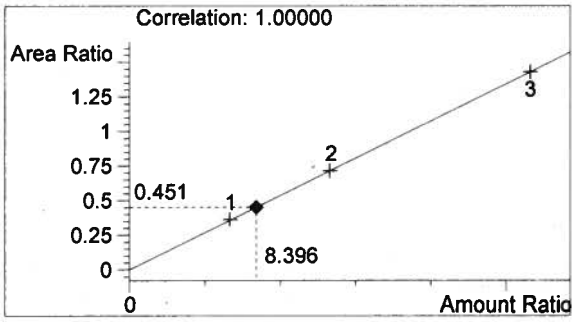
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:39:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

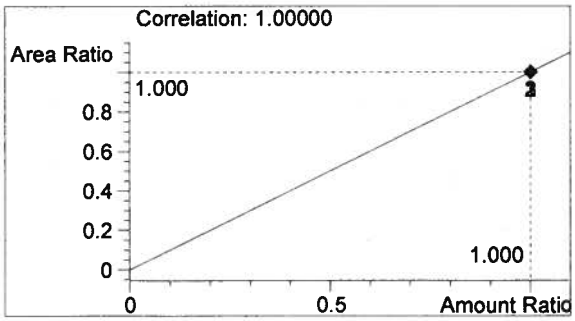
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.041
2	n-Propanol	2489	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

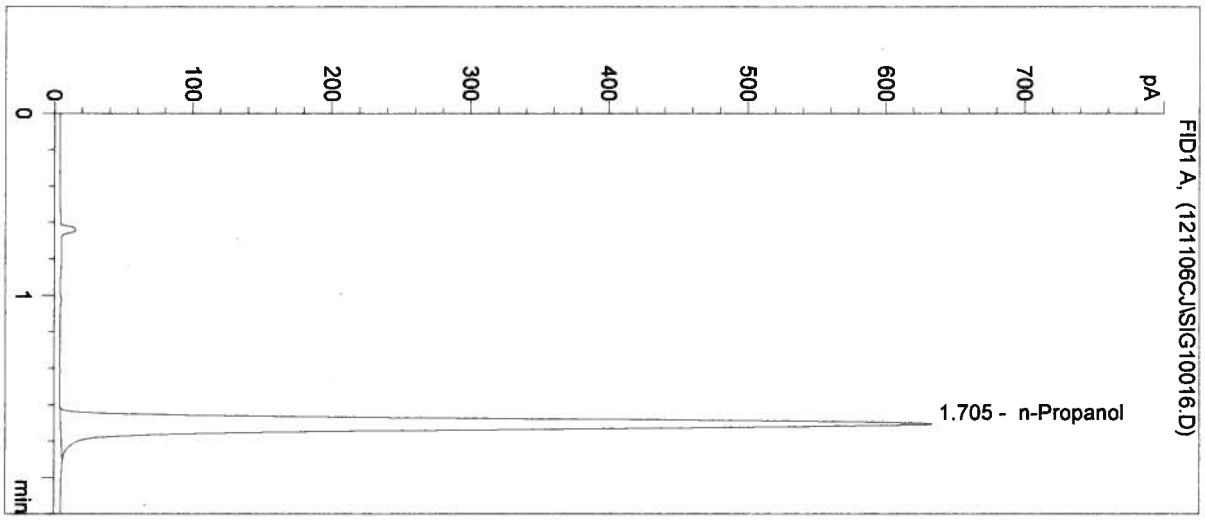
12045

CJ

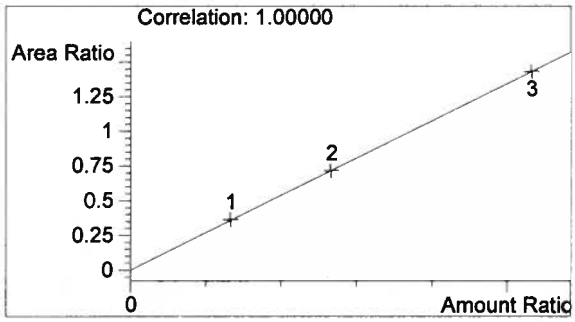
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 11/6/2012 9:42:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

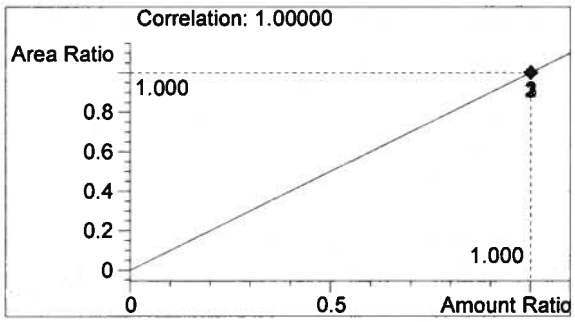
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2501	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

12045

CJ